

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042324\
 Data File : VX041225.D
 Acq On : 23 Apr 2024 19:08
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/24/2024
 Supervised By : Mahesh Dadoda 04/24/2024

Quant Time: Apr 24 01:52:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042224W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:30:28 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	231448	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	326911	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	256201	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	159302	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	113542	51.535	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.060%	
35) Dibromofluoromethane	5.385	113	98953	49.761	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.520%	
50) Toluene-d8	8.647	98	326275	48.631	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 97.260%	
62) 4-Bromofluorobenzene	11.079	95	115469	46.629	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 93.260%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	87591	47.848	ug/l	98
3) Chloromethane	1.295	50	85134	42.955	ug/l	97
4) Vinyl Chloride	1.374	62	100817	50.867	ug/l	99
5) Bromomethane	1.599	94	64520	57.816	ug/l	97
6) Chloroethane	1.679	64	60587	80.464	ug/l	97
7) Trichlorofluoromethane	1.880	101	157095	51.154	ug/l	99
8) Diethyl Ether	2.130	74	59287	52.459	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.325	101	84398	46.709	ug/l	# 86
10) Methyl Iodide	2.453	142	64998	29.830	ug/l	92
11) Tert butyl alcohol	2.959	59	141719m	359.050	ug/l	
12) 1,1-Dichloroethene	2.319	96	82193	48.729	ug/l	86
13) Acrolein	2.233	56	116958	264.147	ug/l	99
14) Allyl chloride	2.660	41	151585	55.321	ug/l	96
15) Acrylonitrile	3.063	53	319904	317.178	ug/l	99
16) Acetone	2.380	43	218128	271.993	ug/l	97
17) Carbon Disulfide	2.508	76	180287	51.166	ug/l	99
18) Methyl Acetate	2.703	43	132198	55.725	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	356566	59.133	ug/l	98
20) Methylene Chloride	2.788	84	106301	54.274	ug/l	92
21) trans-1,2-Dichloroethene	3.087	96	104119	55.858	ug/l	88
22) Diisopropyl ether	3.758	45	349531	58.999	ug/l	96
23) Vinyl Acetate	3.721	43	1626220	320.863	ug/l	# 95
24) 1,1-Dichloroethane	3.611	63	193903	58.551	ug/l	97
25) 2-Butanone	4.550	43	443241	323.630	ug/l	95
26) 2,2-Dichloropropane	4.471	77	156306	55.845	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	131621	56.970	ug/l	89
28) Bromochloromethane	4.898	49	75054	59.720	ug/l	# 73
29) Tetrahydrofuran	5.001	42	300912	322.506	ug/l	95
30) Chloroform	5.093	83	209454	58.925	ug/l	98
31) Cyclohexane	5.465	56	150448	50.738	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	183949	57.728	ug/l	97
36) 1,1-Dichloropropene	5.690	75	133347	52.408	ug/l	96
37) Ethyl Acetate	4.715	43	175777	62.967	ug/l	99
38) Carbon Tetrachloride	5.678	117	160283	56.400	ug/l	96
39) Methylcyclohexane	7.379	83	168820	50.023	ug/l	91
40) Benzene	6.038	78	429078	54.603	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	98387	67.699	ug/l	96
42) 1,2-Dichloroethane	6.086	62	158413	58.141	ug/l	95
43) Isopropyl Acetate	6.336	43	273497	60.819	ug/l	97
44) Trichloroethene	7.123	130	120968	52.949	ug/l	87
45) 1,2-Dichloropropane	7.428	63	103271	54.811	ug/l	99
46) Dibromomethane	7.580	93	81506	58.014	ug/l #	76
47) Bromodichloromethane	7.818	83	161334	62.299	ug/l	96
48) Methyl methacrylate	7.690	41	134040	63.019	ug/l	92
49) 1,4-Dioxane	7.659	88	60368	1318.635	ug/l #	88
51) 4-Methyl-2-Pentanone	8.574	43	886641	314.997	ug/l	97
52) Toluene	8.714	92	277216	55.986	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	155399	61.177	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	170575	59.070	ug/l	93
55) 1,1,2-Trichloroethane	9.147	97	114511	59.269	ug/l	99
56) Ethyl methacrylate	9.116	69	183551	62.143	ug/l	95
57) 1,3-Dichloropropane	9.305	76	185521	58.006	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	411851	286.493	ug/l	91
59) 2-Hexanone	9.427	43	685852	317.750	ug/l	95
60) Dibromochloromethane	9.519	129	138695	62.186	ug/l	99
61) 1,2-Dibromoethane	9.610	107	122317	59.007	ug/l	99
64) Tetrachloroethene	9.269	164	114524	58.285	ug/l	91
65) Chlorobenzene	10.080	112	277464	52.623	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	103350	57.225	ug/l	97
67) Ethyl Benzene	10.189	91	453713	53.920	ug/l	99
68) m/p-Xylenes	10.299	106	362716	106.781	ug/l	93
69) o-Xylene	10.640	106	181380	54.902	ug/l	93
70) Styrene	10.653	104	307672	57.244	ug/l	96
71) Bromoform	10.799	173	95131	61.610	ug/l #	99
73) Isopropylbenzene	10.964	105	455490	45.955	ug/l	97
74) N-amyl acetate	10.842	43	208575	53.543	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.214	83	158070	50.569	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	133926m	52.179	ug/l	
77) Bromobenzene	11.195	156	140414	48.681	ug/l	77
78) n-propylbenzene	11.305	91	528552	49.386	ug/l	95
79) 2-Chlorotoluene	11.366	91	330958	48.867	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	425490	51.600	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	44161	48.543	ug/l	95
82) 4-Chlorotoluene	11.451	91	391906	51.063	ug/l	93
83) tert-Butylbenzene	11.713	119	453737	51.384	ug/l	91
84) 1,2,4-Trimethylbenzene	11.750	105	432456	52.839	ug/l	93
85) sec-Butylbenzene	11.890	105	546733	53.616	ug/l	95
86) p-Isopropyltoluene	12.006	119	486713	54.163	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	266892	51.511	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	269114	50.622	ug/l	95
89) n-Butylbenzene	12.329	91	383273	56.174	ug/l	97
90) Hexachloroethane	12.536	117	81738	55.142	ug/l #	58
91) 1,2-Dichlorobenzene	12.335	146	268847	51.805	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.939	75	39851	60.760	ug/l #	54
93) 1,2,4-Trichlorobenzene	13.585	180	191035	53.093	ug/l	96
94) Hexachlorobutadiene	13.725	225	95238	51.807	ug/l	99
95) Naphthalene	13.774	128	577697	55.880	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	196230	51.776	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

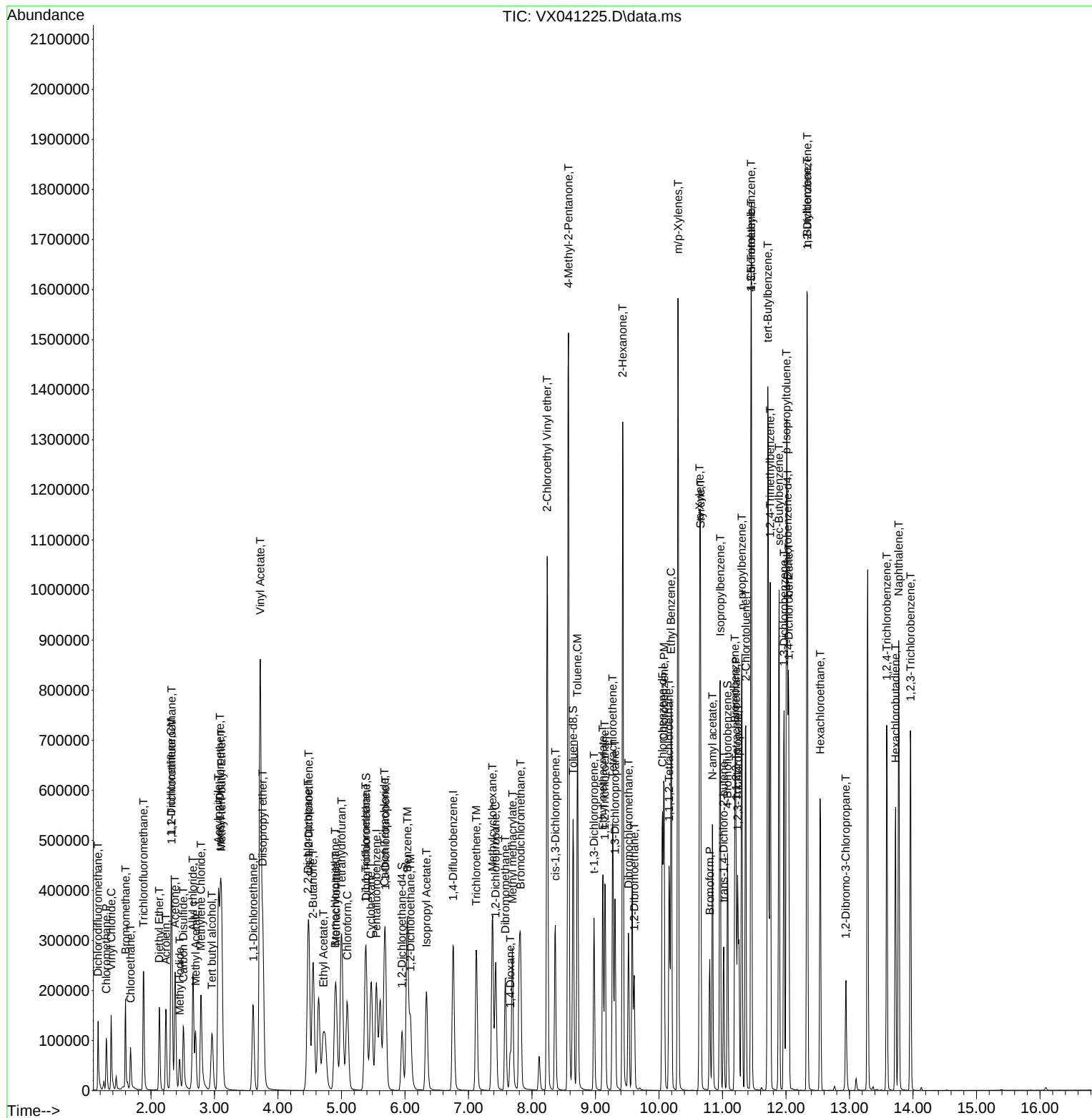
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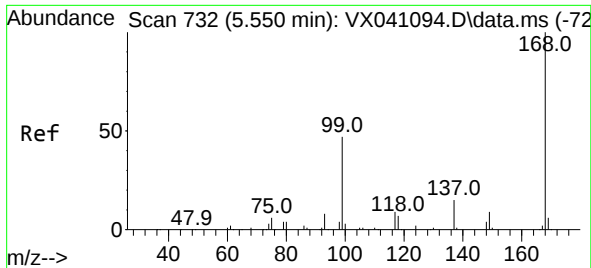
Instrument :
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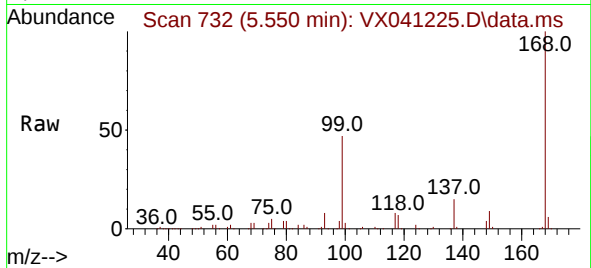
Reviewed By :John Carlone 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX041225.D
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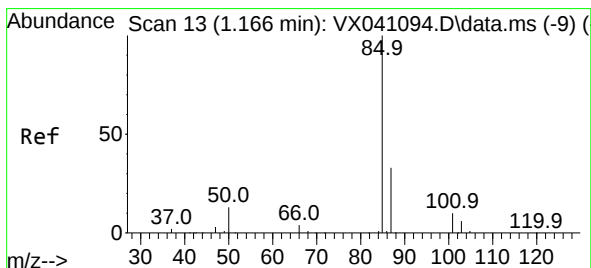
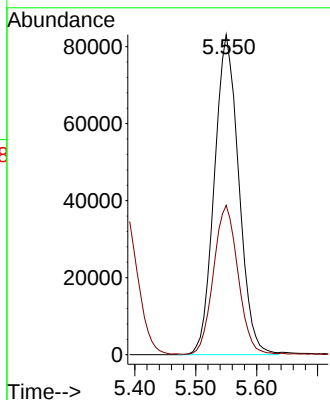
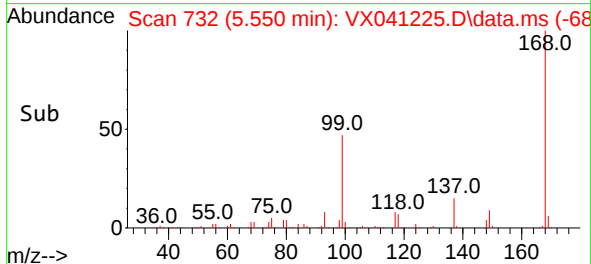
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 231448
Ion Ratio Lower Upper
168 100
99 46.4 56.6 85.0

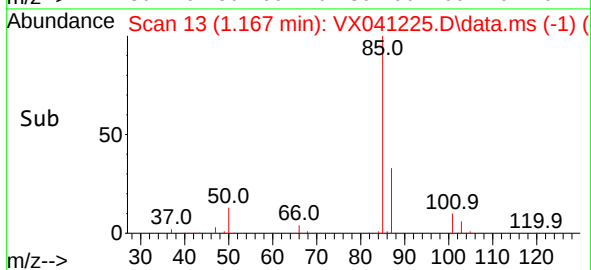
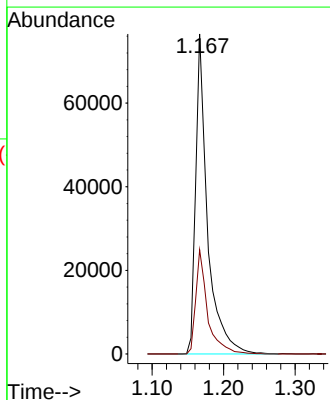
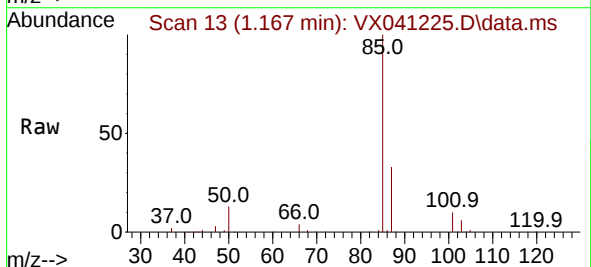
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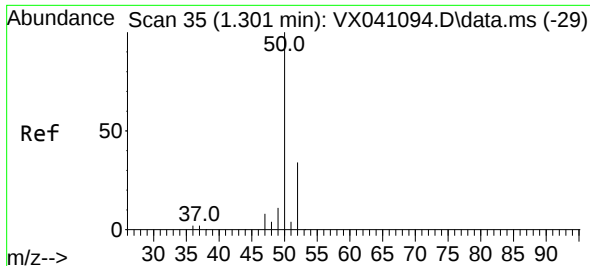
Reviewed By :John Carlone 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024



#2
Dichlorodifluoromethane
Concen: 47.848 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX041225.D
Acq: 23 Apr 2024 19:08

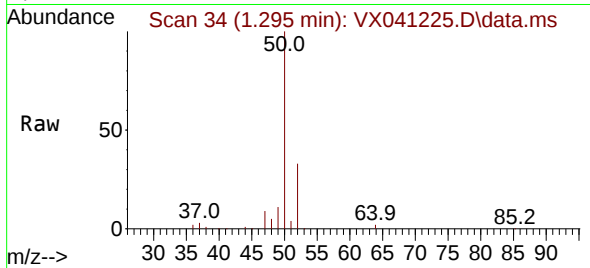
Tgt Ion: 85 Resp: 87591
Ion Ratio Lower Upper
85 100
87 32.5 16.7 50.1





#3
Chloromethane
Concen: 42.955 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX041225.D
Acq: 23 Apr 2024 19:08

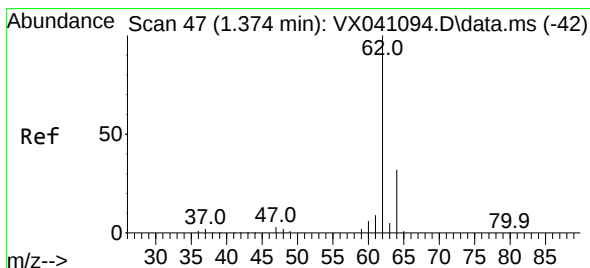
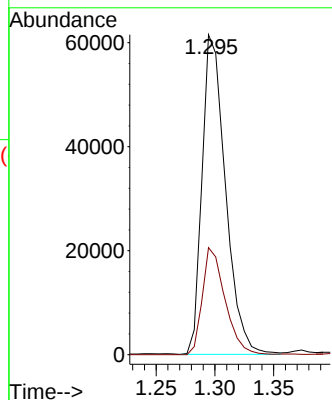
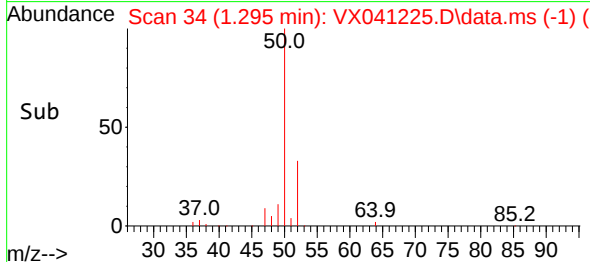
Instrument :
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Tgt Ion: 50 Resp: 85134
Ion Ratio Lower Upper
50 100
52 33.5 25.5 38.3

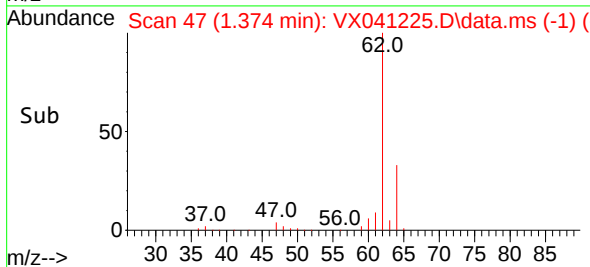
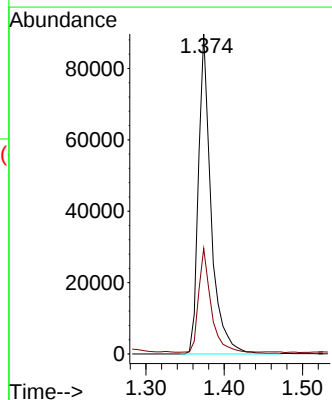
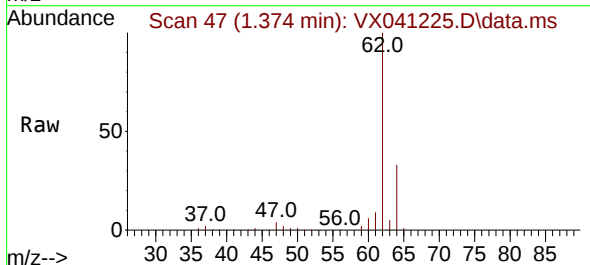
Manual Integrations
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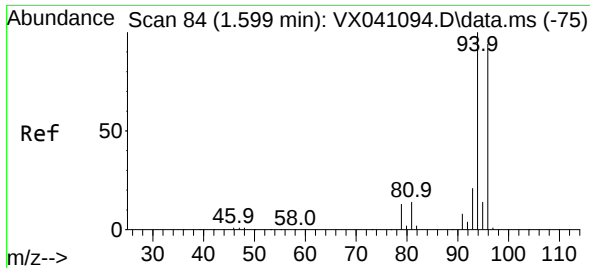
Reviewed By :John Carlone 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024



#4
Vinyl Chloride
Concen: 50.867 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX041225.D
Acq: 23 Apr 2024 19:08

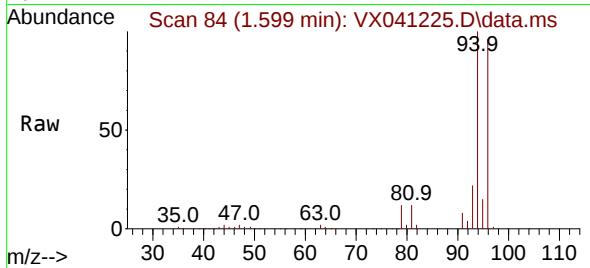
Tgt Ion: 62 Resp: 100817
Ion Ratio Lower Upper
62 100
64 32.4 25.4 38.0





#5
Bromomethane
Concen: 57.816 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041225.D
Acq: 23 Apr 2024 19:08

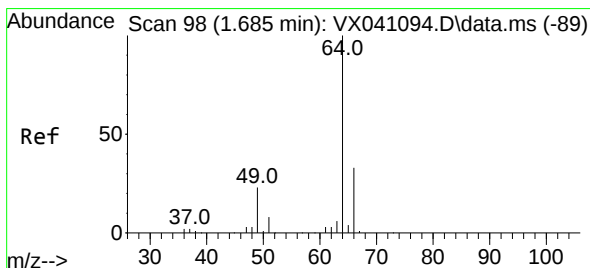
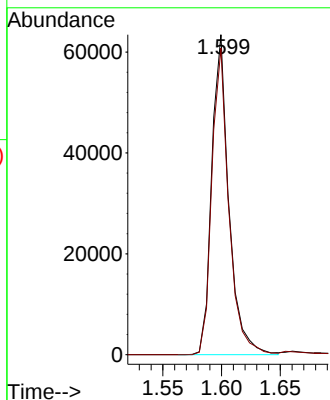
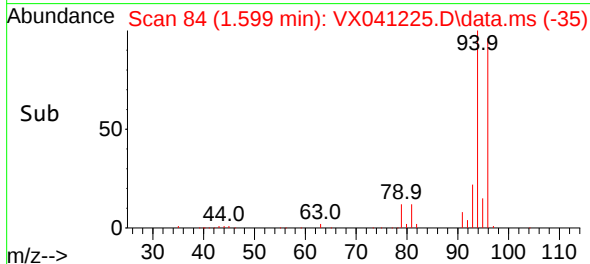
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Tgt Ion: 94 Resp: 64520
Ion Ratio Lower Upper
94 100
96 95.8 74.6 111.8

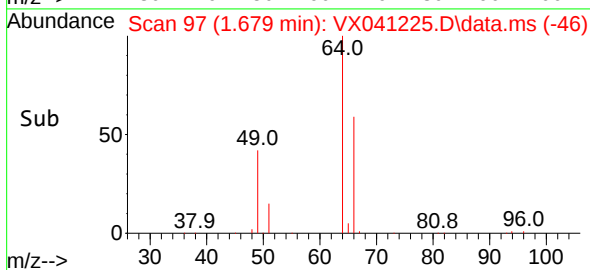
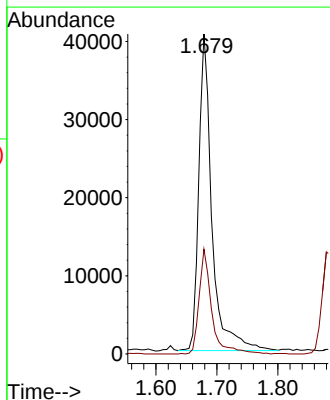
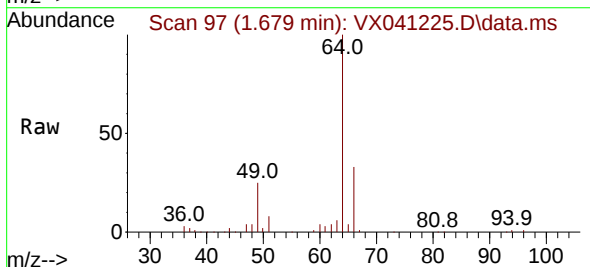
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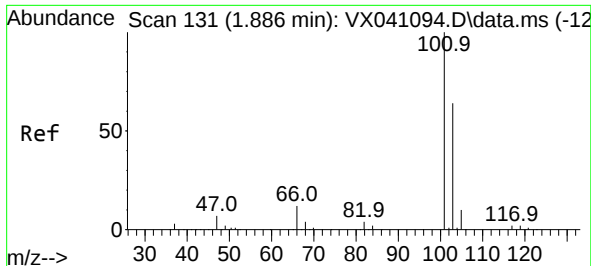
Reviewed By :John Carlone 04/24/2024
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#6
Chloroethane
Concen: 80.464 ug/l
RT: 1.679 min Scan# 97
Delta R.T. 0.012 min
Lab File: VX041225.D
Acq: 23 Apr 2024 19:08

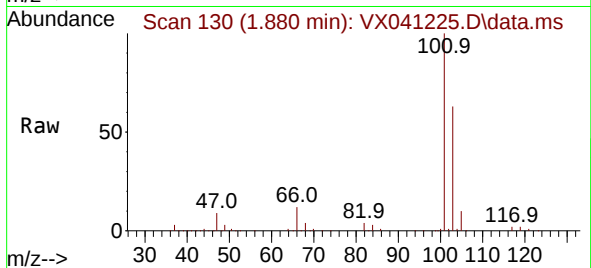
Tgt Ion: 64 Resp: 60587
Ion Ratio Lower Upper
64 100
66 33.1 25.1 37.7





#7
Trichlorofluoromethane
Concen: 51.154 ug/l
RT: 1.880 min Scan# 11
Delta R.T. 0.018 min
Lab File: VX041225.D
Acq: 23 Apr 2024 19:08

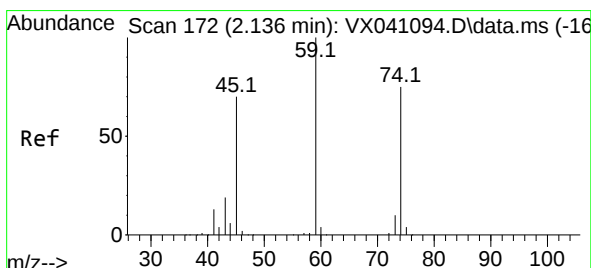
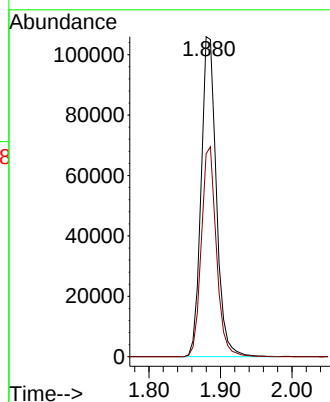
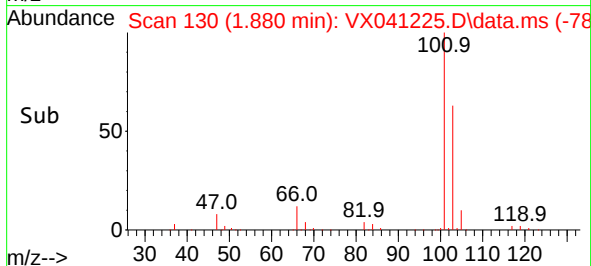
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Tgt Ion:101 Resp: 157095
Ion Ratio Lower Upper
101 100
103 63.4 51.4 77.2

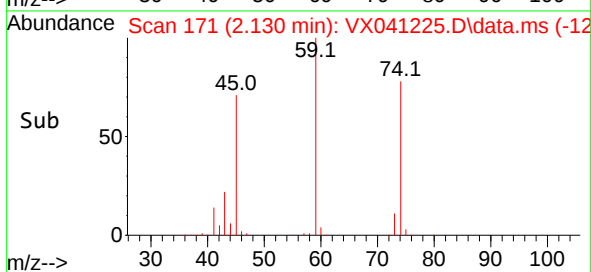
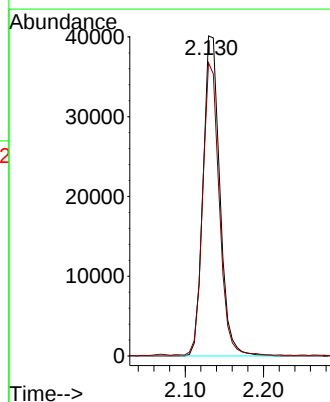
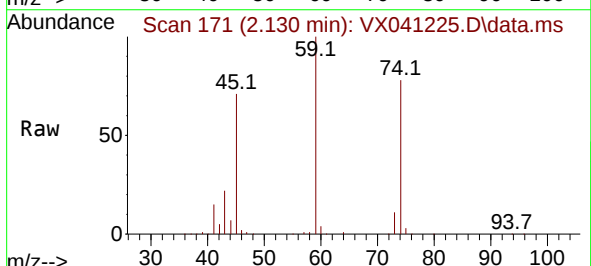
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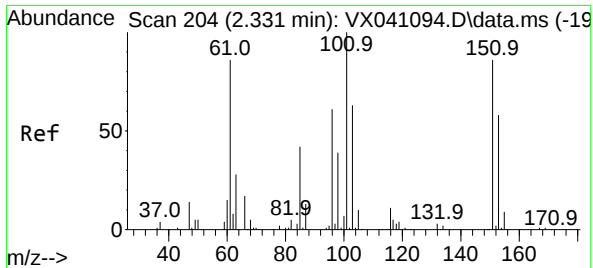
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#8
Diethyl Ether
Concen: 52.459 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX041225.D
Acq: 23 Apr 2024 19:08

Tgt Ion: 74 Resp: 59287
Ion Ratio Lower Upper
74 100
45 91.2 53.3 159.8





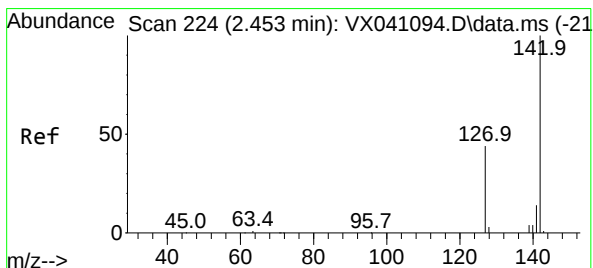
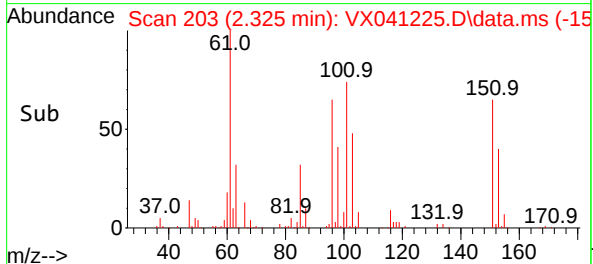
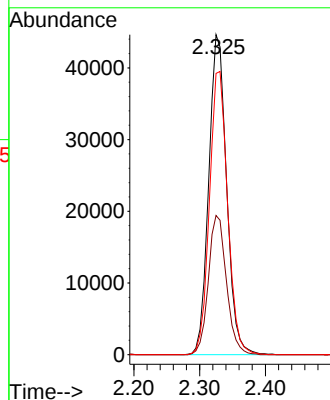
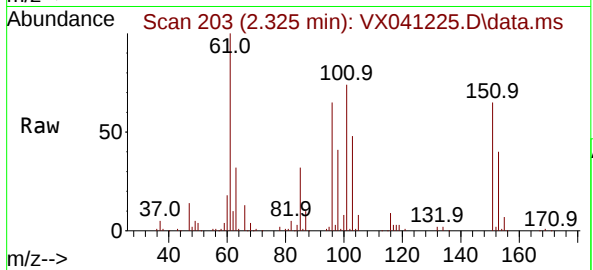
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.709 ug/l
RT: 2.325 min Scan# 204
Delta R.T. 0.012 min
Lab File: VX041225.D
Acq: 23 Apr 2024 19:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 84398
Ion Ratio Lower Upper
101 100
85 44.0 37.0 55.6
151 89.9 58.6 87.8

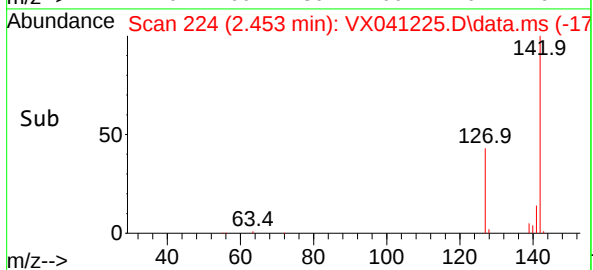
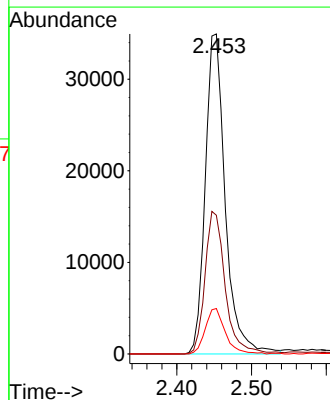
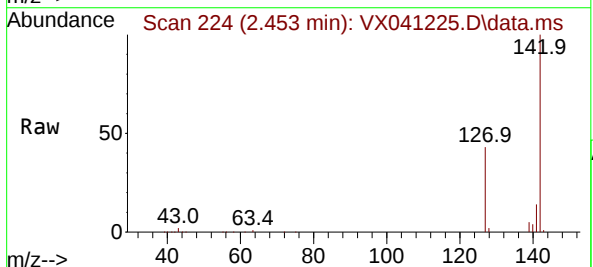
Manual Integrations
APPROVED

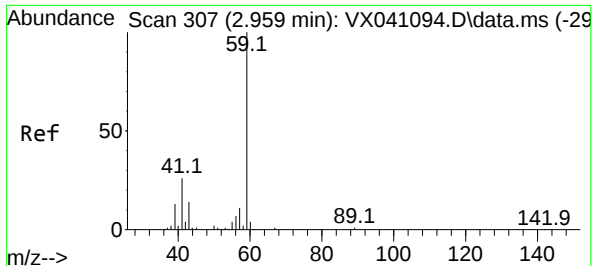
Reviewed By :John Carbone 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024



#10
Methyl Iodide
Concen: 29.830 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.012 min
Lab File: VX041225.D
Acq: 23 Apr 2024 19:08

Tgt Ion:142 Resp: 64998
Ion Ratio Lower Upper
142 100
127 44.9 41.6 62.4
141 14.2 11.6 17.4





#11

Tert butyl alcohol

Concen: 359.050 ug/l m

RT: 2.959 min Scan# 307

Delta R.T. -0.104 min

Lab File: VX041225.D

Acq: 23 Apr 2024 19:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 141719

Ion Ratio Lower Upper

59 100

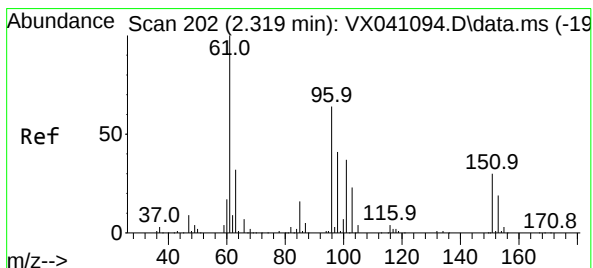
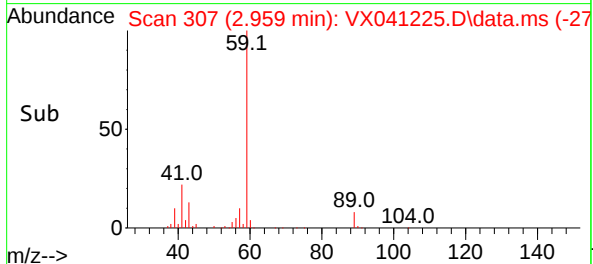
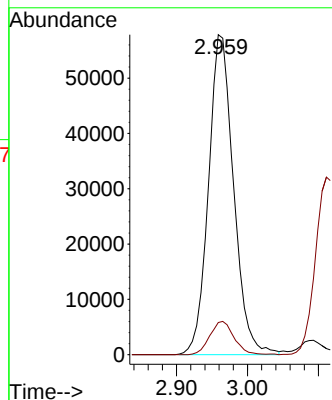
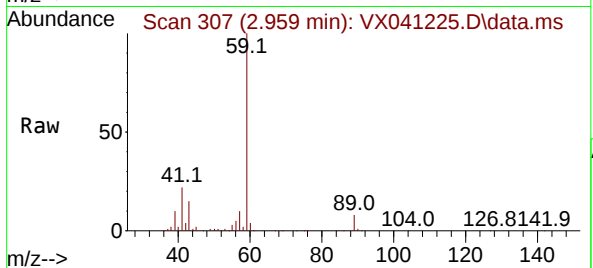
57 53.3 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2024

Supervised By :Mahesh Dadoda 04/24/2024



#12

1,1-Dichloroethene

Concen: 48.729 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.012 min

Lab File: VX041225.D

Acq: 23 Apr 2024 19:08

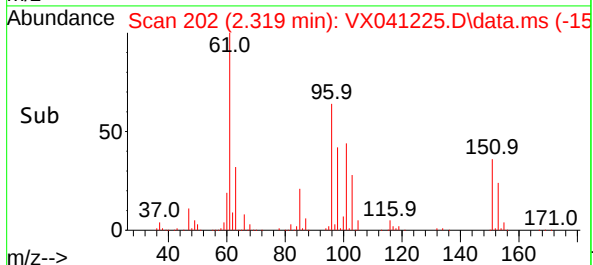
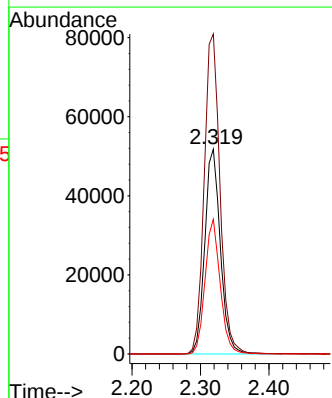
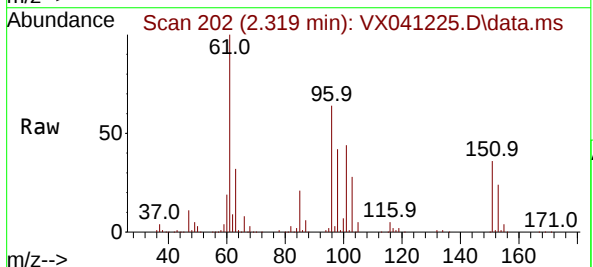
Tgt Ion: 96 Resp: 82193

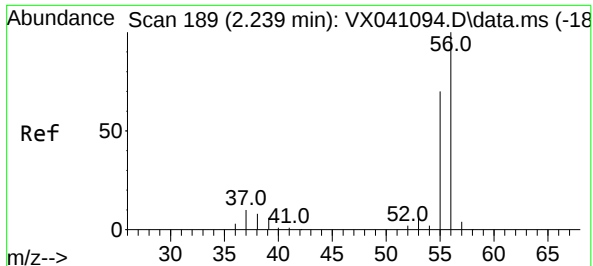
Ion Ratio Lower Upper

96 100

61 156.3 144.6 216.8

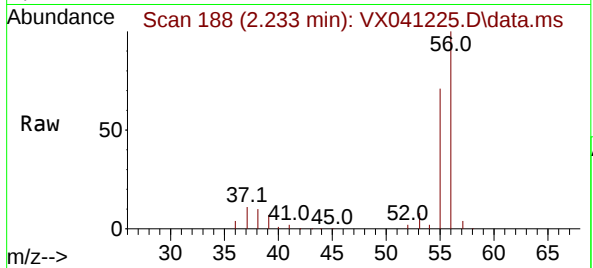
98 65.8 50.4 75.6





#13
Acrolein
Concen: 264.147 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX041225.D
Acq: 23 Apr 2024 19:08

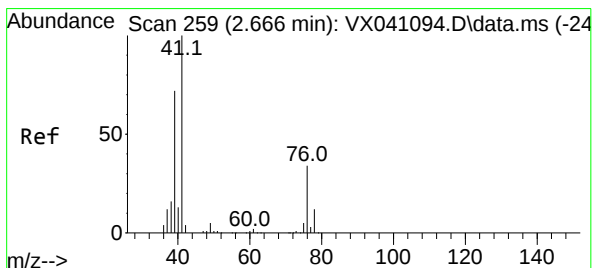
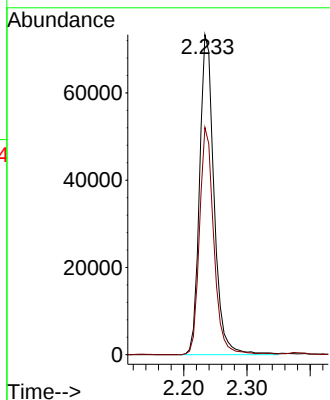
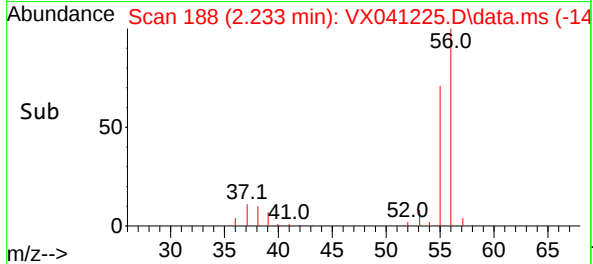
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 116958
Ion Ratio Lower Upper
56 100
55 70.2 57.1 85.7

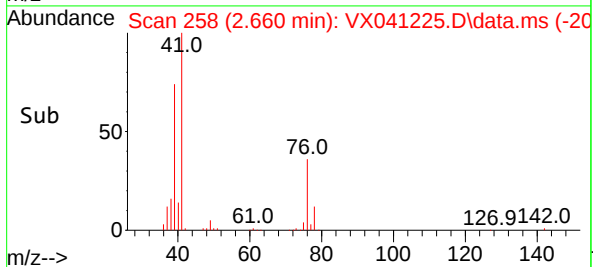
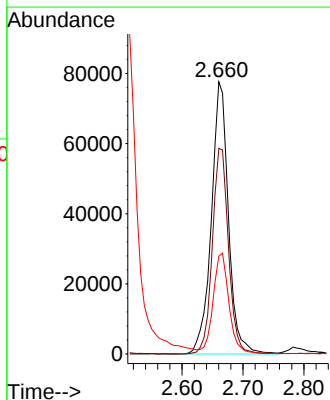
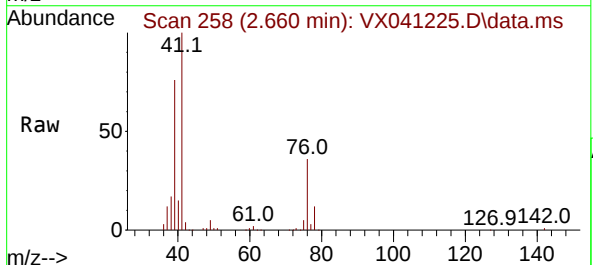
Manual Integrations
APPROVED

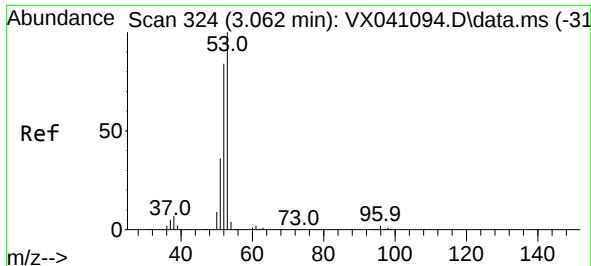
Reviewed By :John Carlone 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024



#14
Allyl chloride
Concen: 55.321 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX041225.D
Acq: 23 Apr 2024 19:08

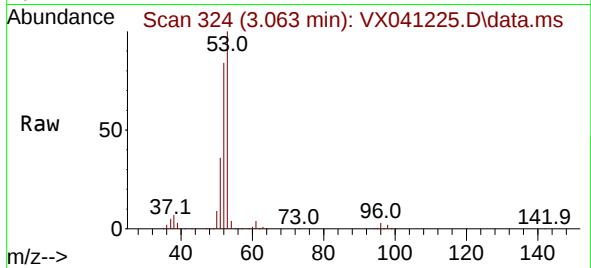
Tgt Ion: 41 Resp: 151585
Ion Ratio Lower Upper
41 100
39 71.3 55.8 83.6
76 34.4 24.3 36.5





#15
Acrylonitrile
Concen: 317.178 ug/l
RT: 3.063 min Scan# 31
Delta R.T. -0.012 min
Lab File: VX041225.D
Acq: 23 Apr 2024 19:08

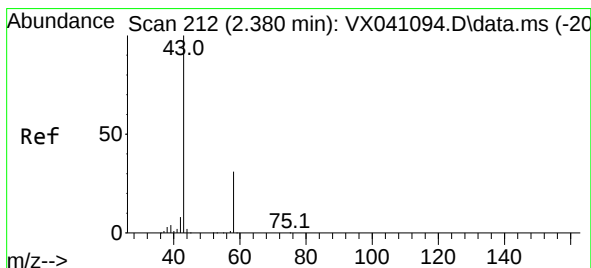
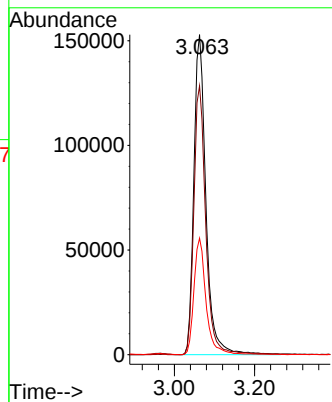
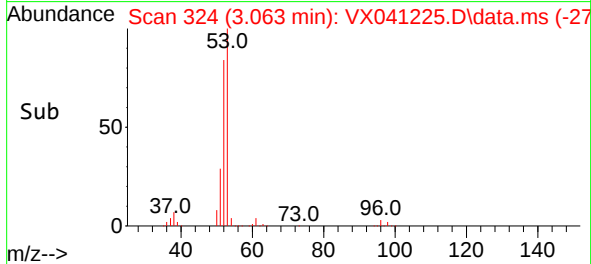
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 319904
Ion Ratio Lower Upper
53 100
52 83.6 66.0 99.0
51 36.7 29.8 44.6

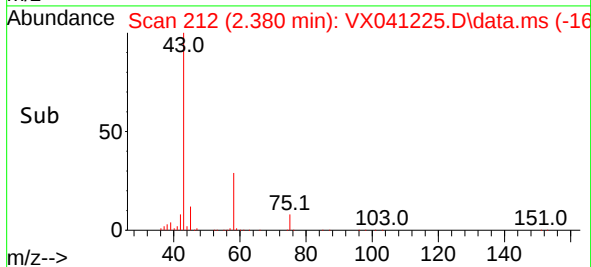
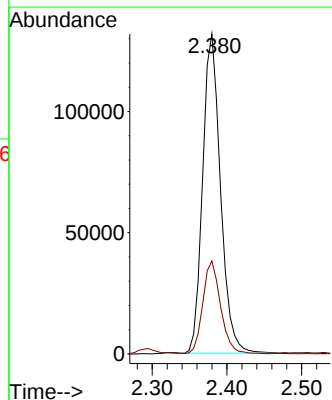
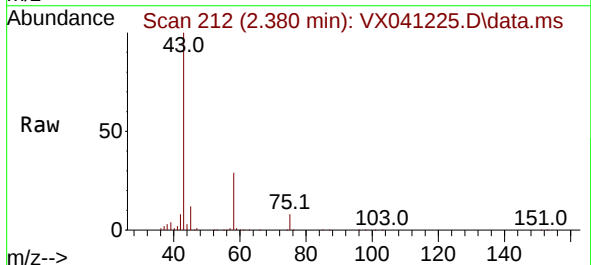
Manual Integrations
APPROVED

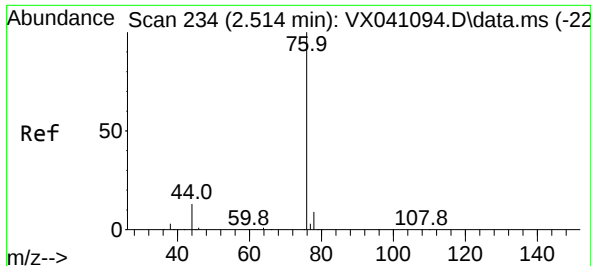
Reviewed By :John Carlone 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024



#16
Acetone
Concen: 271.993 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.018 min
Lab File: VX041225.D
Acq: 23 Apr 2024 19:08

Tgt Ion: 43 Resp: 218128
Ion Ratio Lower Upper
43 100
58 29.0 21.9 32.9





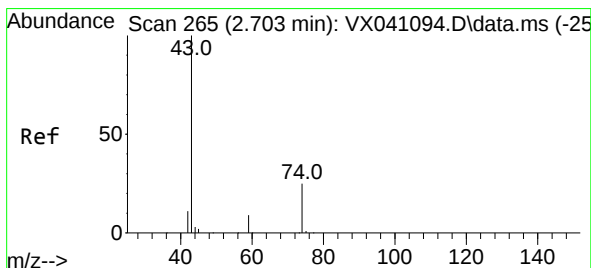
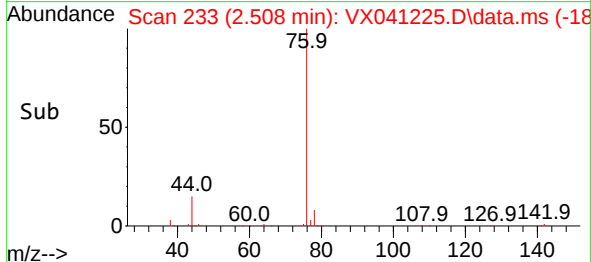
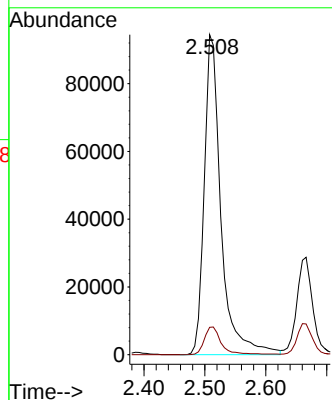
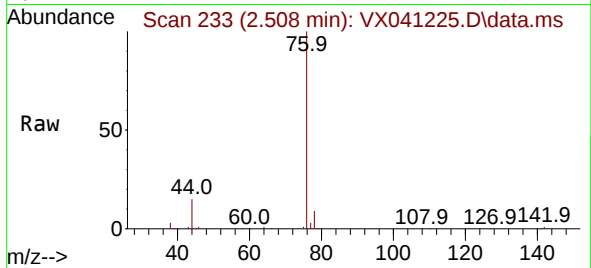
#17
Carbon Disulfide
Concen: 51.166 ug/l
RT: 2.508 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX041225.D
Acq: 23 Apr 2024 19:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 18028
Ion Ratio Lower Upper
76 100
78 8.6 7.0 10.6

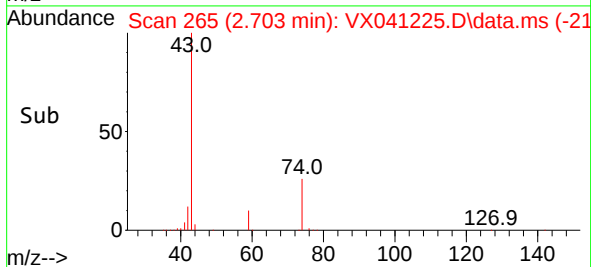
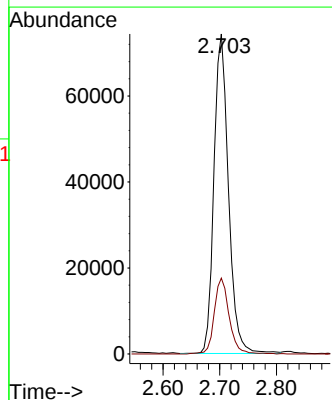
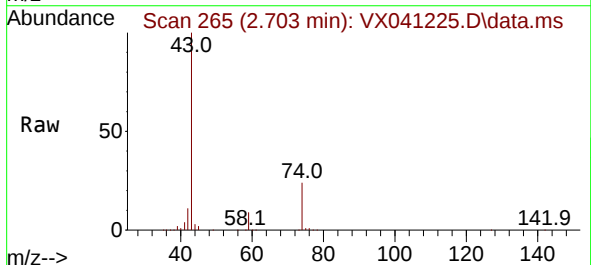
Manual Integrations
APPROVED

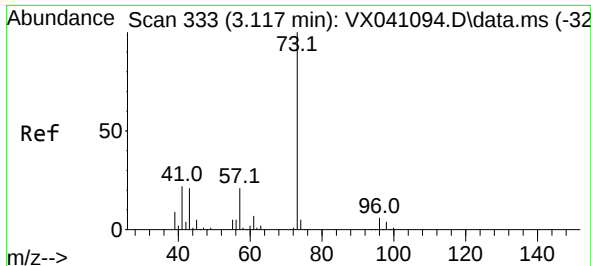
Reviewed By :John Carlone 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024



#18
Methyl Acetate
Concen: 55.725 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX041225.D
Acq: 23 Apr 2024 19:08

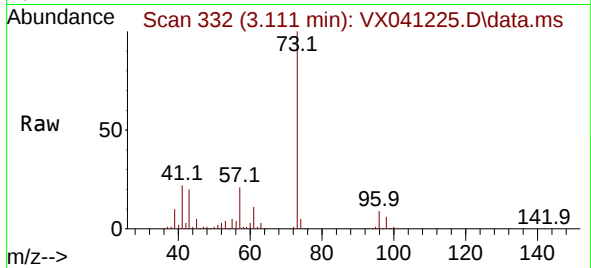
Tgt Ion: 43 Resp: 132198
Ion Ratio Lower Upper
43 100
74 24.3 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 59.133 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX041225.D
Acq: 23 Apr 2024 19:08

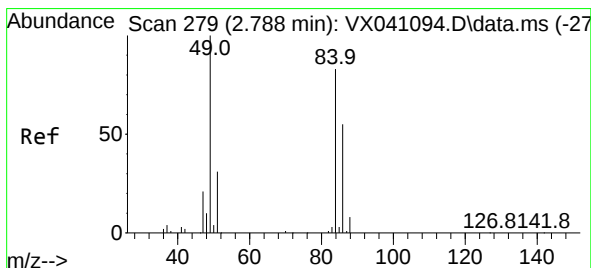
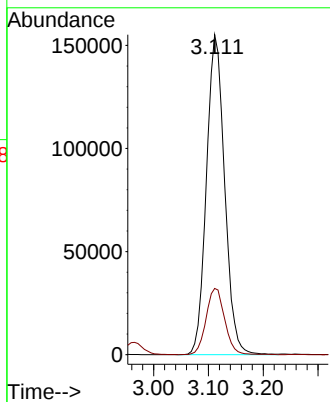
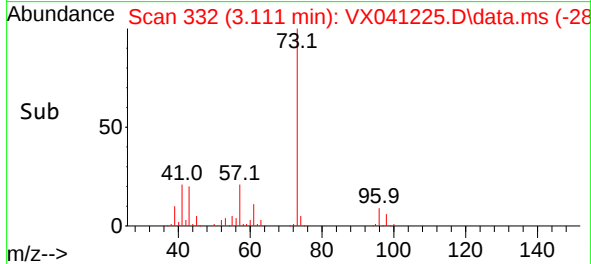
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 35656
Ion Ratio Lower Upper
73 100
57 20.7 17.3 25.9

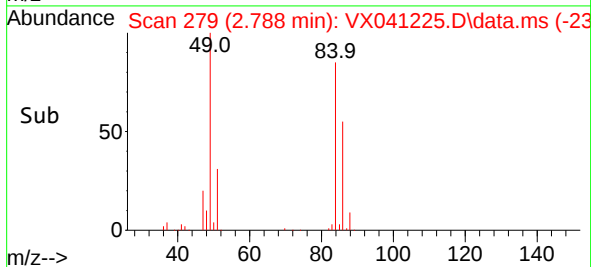
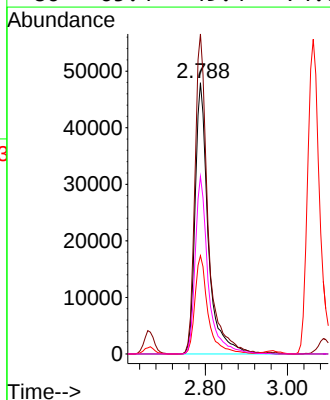
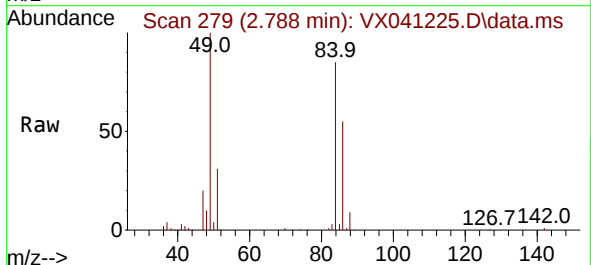
Manual Integrations
APPROVED

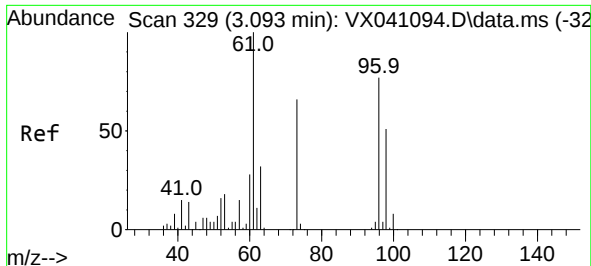
Reviewed By :John Carlone 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024



#20
Methylene Chloride
Concen: 54.274 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX041225.D
Acq: 23 Apr 2024 19:08

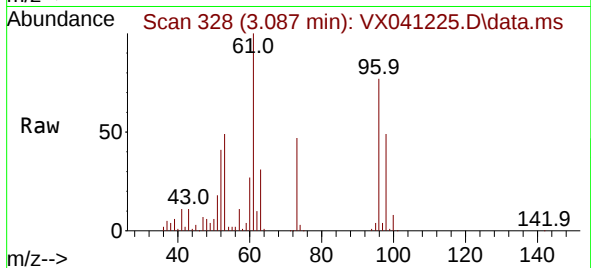
Tgt Ion: 84 Resp: 106301
Ion Ratio Lower Upper
84 100
49 118.0 103.6 155.4
51 36.2 33.8 50.6
86 65.4 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 55.858 ug/l
RT: 3.087 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX041225.D
Acq: 23 Apr 2024 19:08

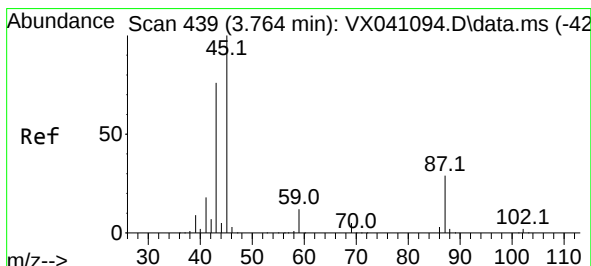
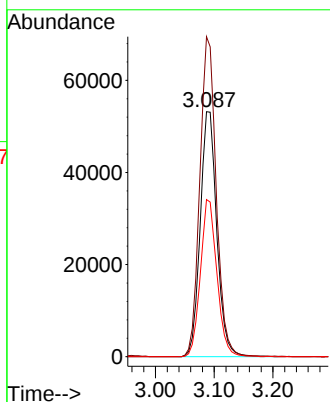
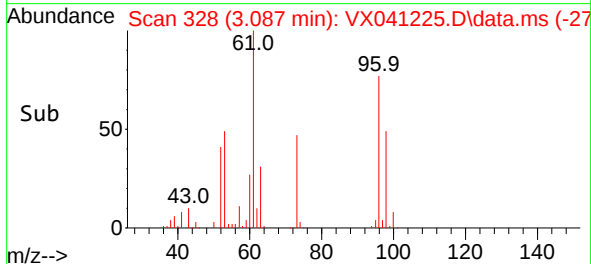
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 104119
Ion Ratio Lower Upper
96 100
61 130.6 119.2 178.8
98 64.1 48.7 73.1

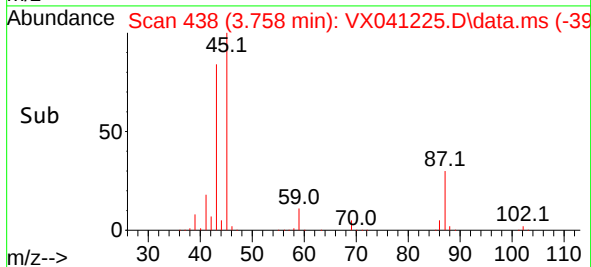
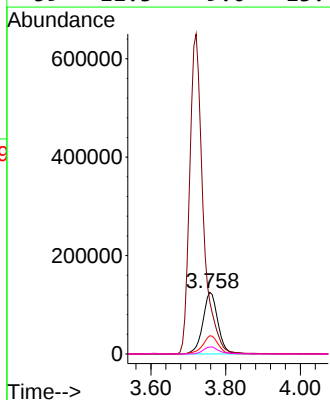
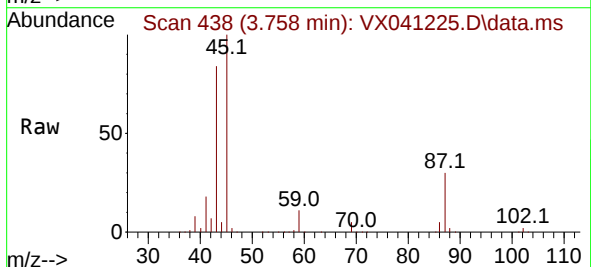
Manual Integrations
APPROVED

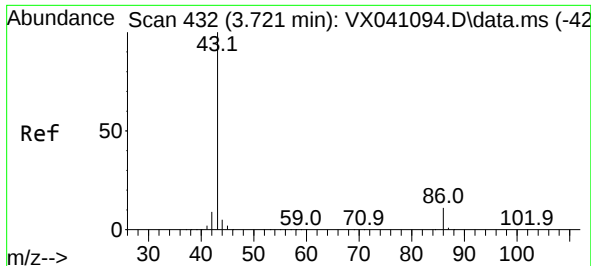
Reviewed By :John Carlone 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024



#22
Diisopropyl ether
Concen: 58.999 ug/l
RT: 3.758 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX041225.D
Acq: 23 Apr 2024 19:08

Tgt Ion: 45 Resp: 349531
Ion Ratio Lower Upper
45 100
43 83.5 69.7 104.5
87 29.6 20.8 31.2
59 11.3 9.0 13.4





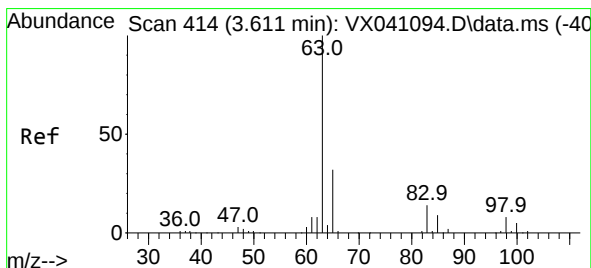
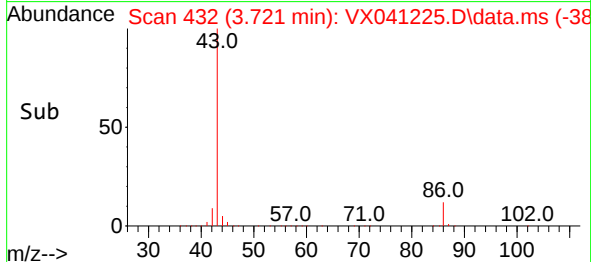
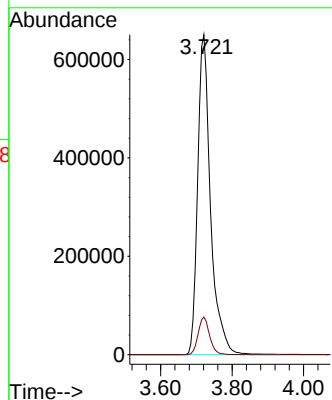
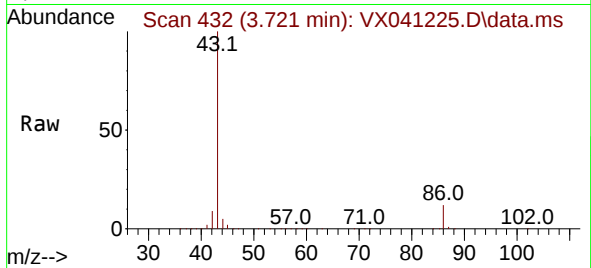
#23
 Vinyl Acetate
 Concen: 320.863 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX041225.D
 Acq: 23 Apr 2024 19:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1626220
 Ion Ratio Lower Upper
 43 100
 86 11.8 7.8 11.8

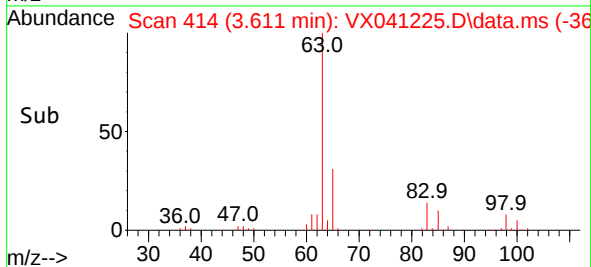
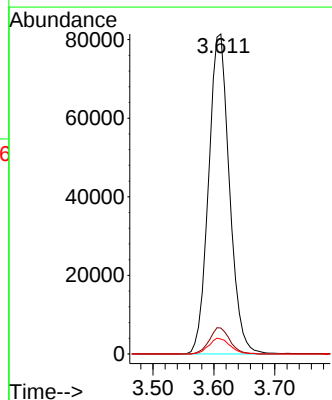
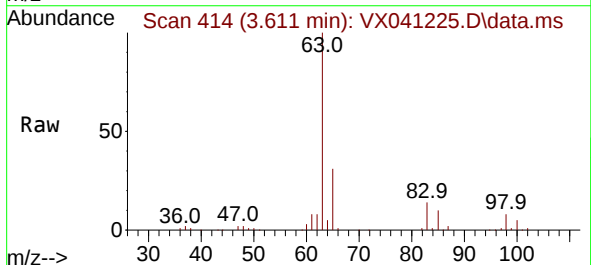
Manual Integrations
 APPROVED

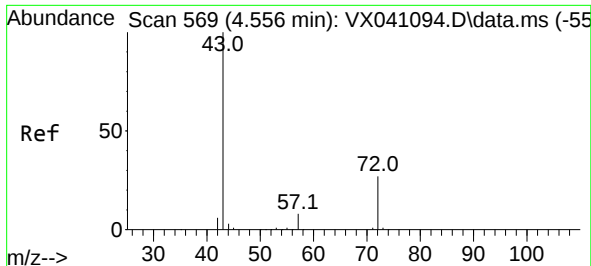
Reviewed By :John Carlone 04/24/2024
 Supervised By :Mahesh Dadoda 04/24/2024



#24
 1,1-Dichloroethane
 Concen: 58.551 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX041225.D
 Acq: 23 Apr 2024 19:08

Tgt Ion: 63 Resp: 193903
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.3 9.8
 100 4.7 2.1 6.5





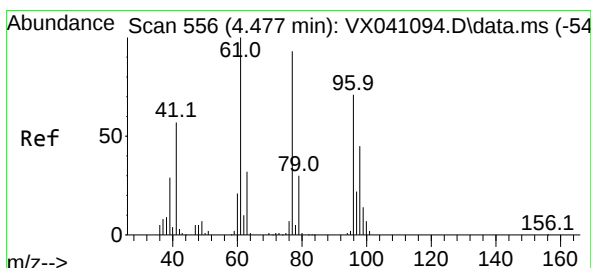
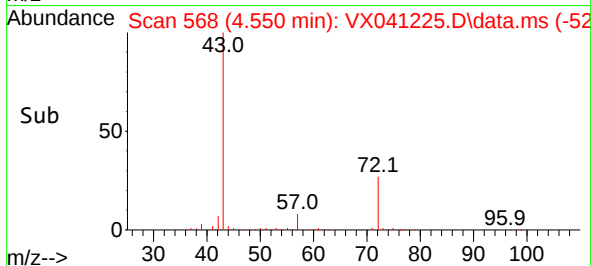
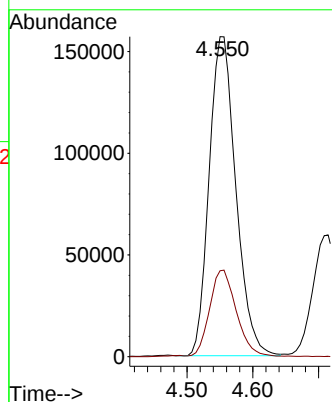
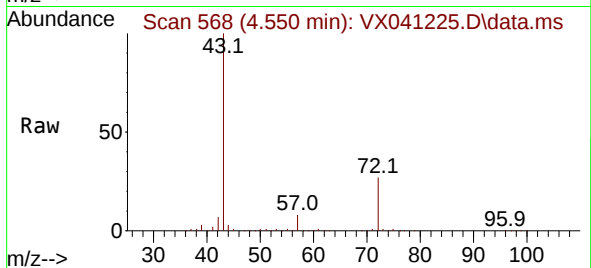
#25
2-Butanone
Concen: 323.630 ug/l
RT: 4.550 min Scan# 50
Delta R.T. -0.018 min
Lab File: VX041225.D
Acq: 23 Apr 2024 19:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 44324
Ion Ratio Lower Upper
43 100
72 26.8 19.4 29.2

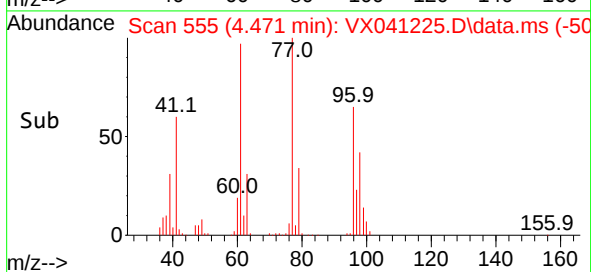
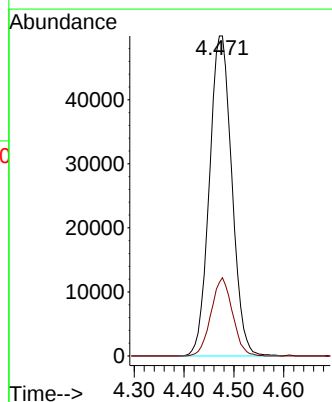
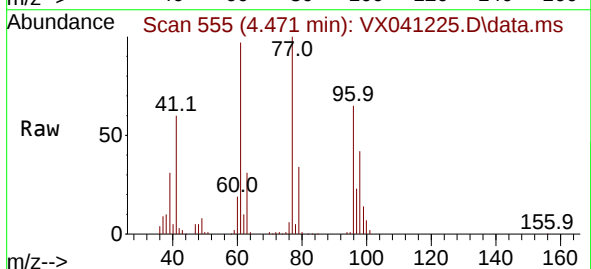
Manual Integrations
APPROVED

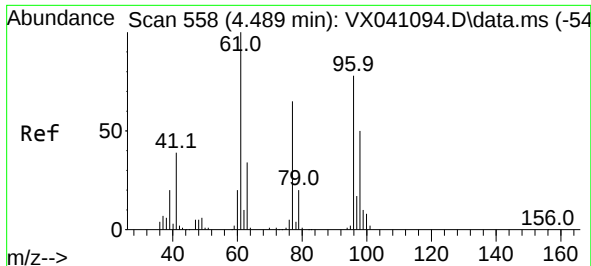
Reviewed By :John Carlone 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024



#26
2,2-Dichloropropane
Concen: 55.845 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX041225.D
Acq: 23 Apr 2024 19:08

Tgt Ion: 77 Resp: 156306
Ion Ratio Lower Upper
77 100
97 23.3 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 56.970 ug/l

RT: 4.483 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX041225.D

Acq: 23 Apr 2024 19:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 13162

Ion Ratio Lower Upper

96 100

61 135.8 0.0 312.2

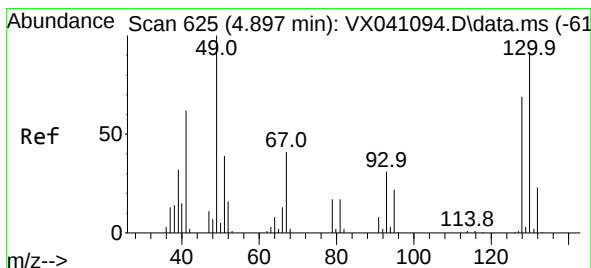
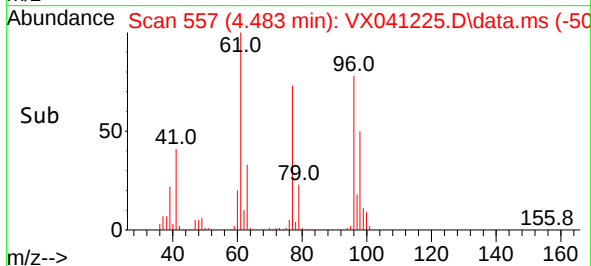
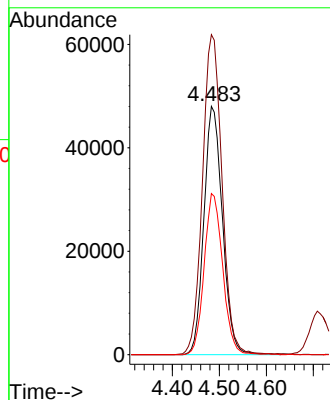
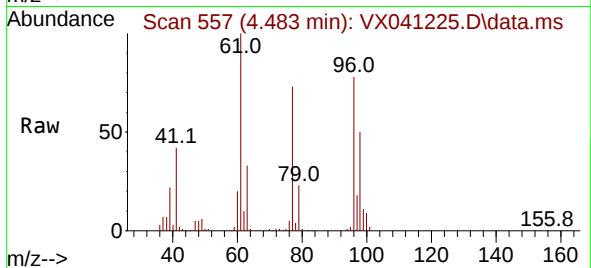
98 64.8 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2024

Supervised By :Mahesh Dadoda 04/24/2024



#28

Bromochloromethane

Concen: 59.720 ug/l

RT: 4.898 min Scan# 625

Delta R.T. -0.006 min

Lab File: VX041225.D

Acq: 23 Apr 2024 19:08

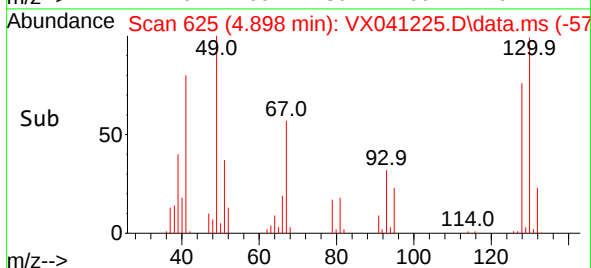
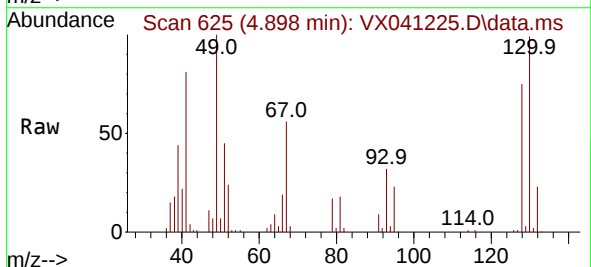
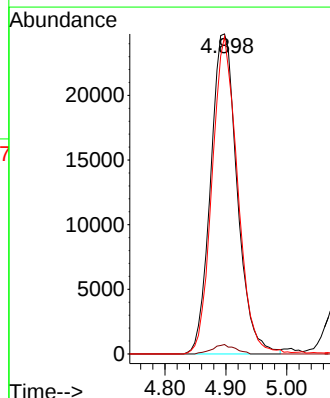
Tgt Ion: 49 Resp: 75054

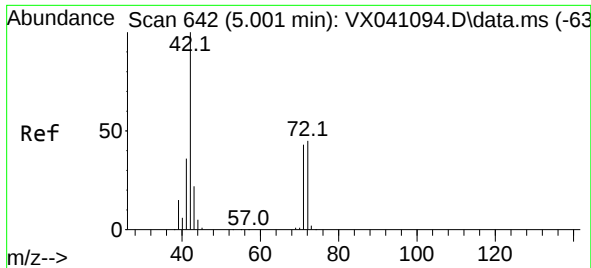
Ion Ratio Lower Upper

49 100

129 2.5 0.0 3.8

130 95.1 57.5 86.3#





#29

Tetrahydrofuran

Concen: 322.506 ug/l

RT: 5.001 min Scan# 64

Delta R.T. -0.012 min

Lab File: VX041225.D

Acq: 23 Apr 2024 19:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

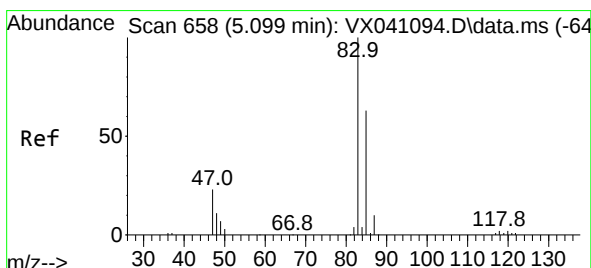
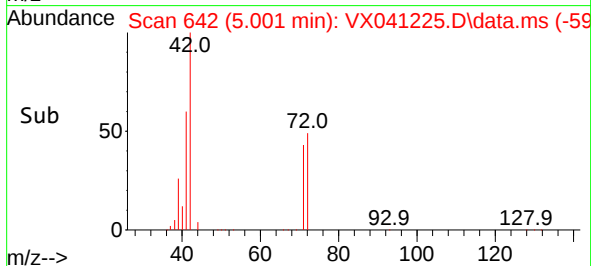
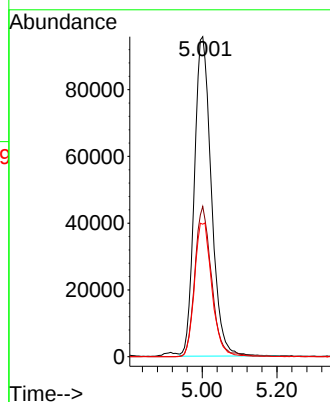
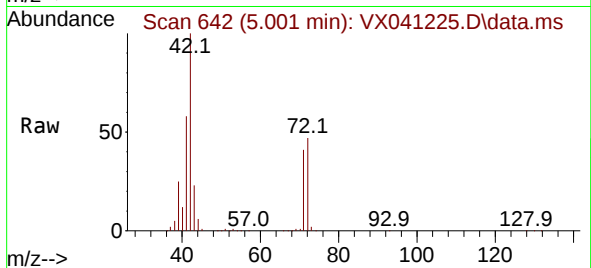
Tgt Ion: 42 Resp: 300912
 Ion Ratio Lower Upper
 42 100
 72 46.5 34.2 51.4
 71 43.0 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2024

Supervised By :Mahesh Dadoda 04/24/2024



#30

Chloroform

Concen: 58.925 ug/l

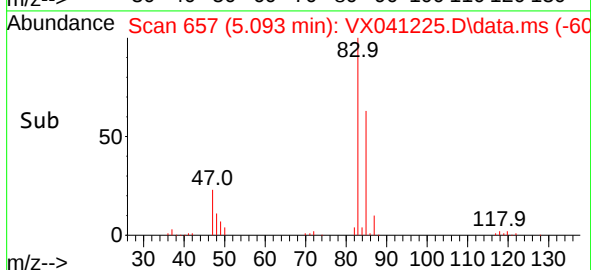
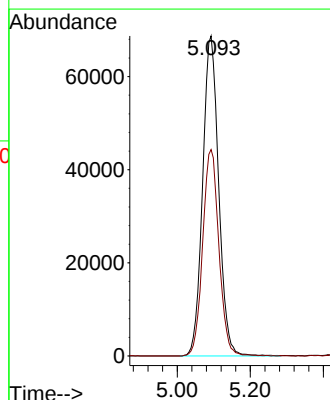
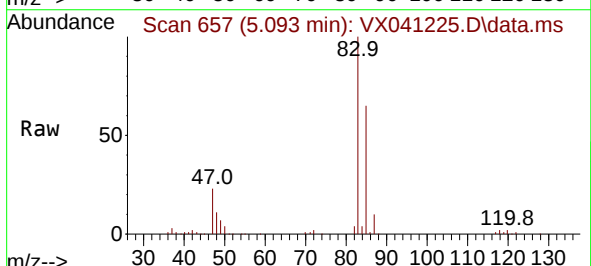
RT: 5.093 min Scan# 657

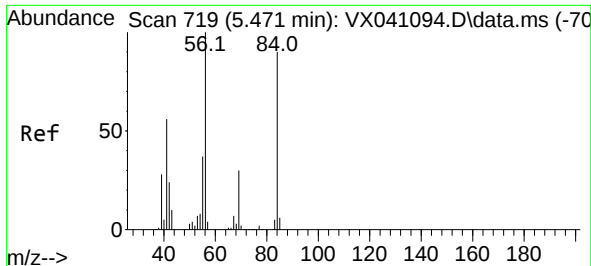
Delta R.T. 0.000 min

Lab File: VX041225.D

Acq: 23 Apr 2024 19:08

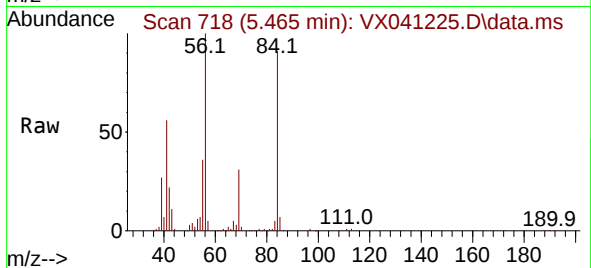
Tgt Ion: 83 Resp: 209454
 Ion Ratio Lower Upper
 83 100
 85 64.5 50.3 75.5





#31
Cyclohexane
Concen: 50.738 ug/l
RT: 5.465 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX041225.D
Acq: 23 Apr 2024 19:08

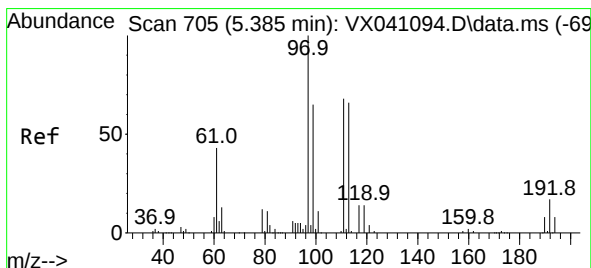
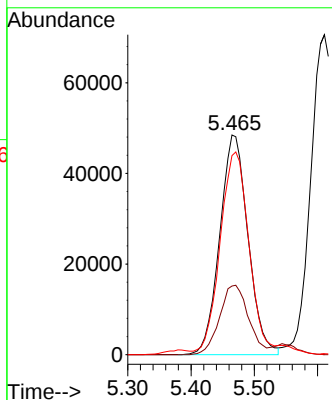
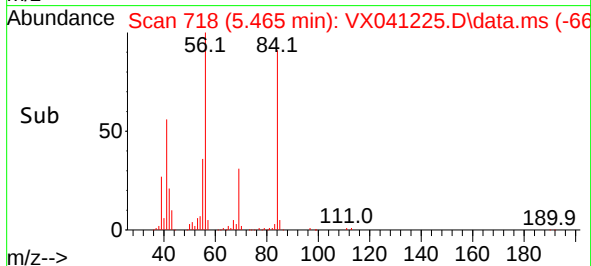
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 150448
Ion Ratio Lower Upper
56 100
69 31.2 23.4 35.2
84 88.4 65.9 98.9

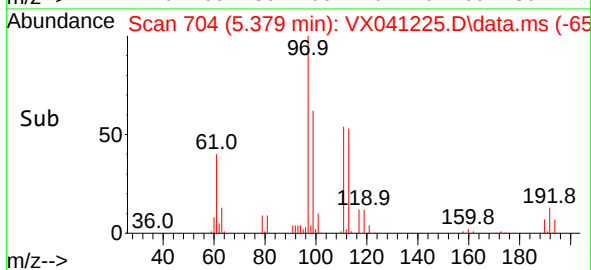
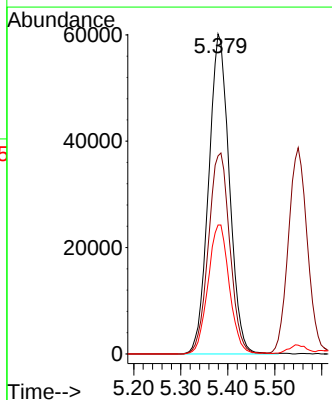
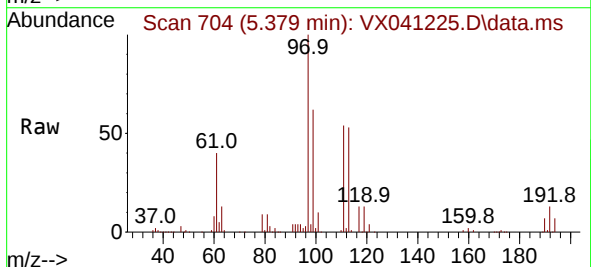
Manual Integrations
APPROVED

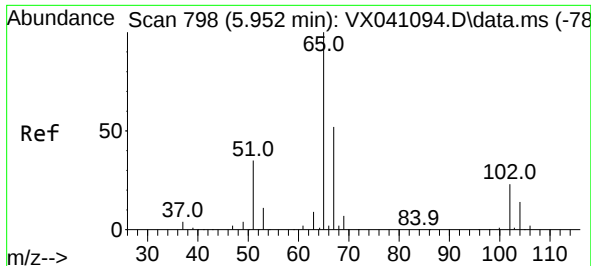
Reviewed By :John Carlone 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024



#32
1,1,1-Trichloroethane
Concen: 57.728 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX041225.D
Acq: 23 Apr 2024 19:08

Tgt Ion: 97 Resp: 183949
Ion Ratio Lower Upper
97 100
99 65.1 51.1 76.7
61 41.5 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 51.535 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX041225.D

Acq: 23 Apr 2024 19:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 11354

Ion Ratio Lower Upper

65 100

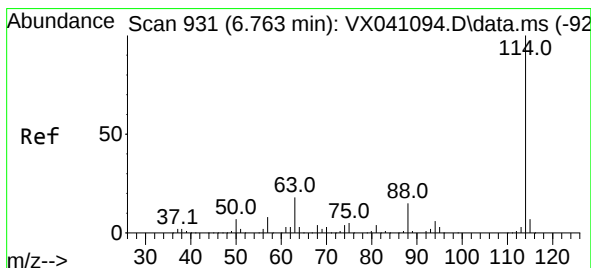
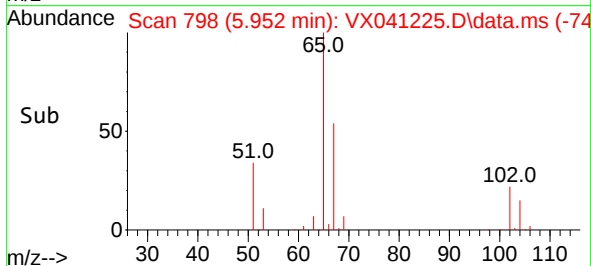
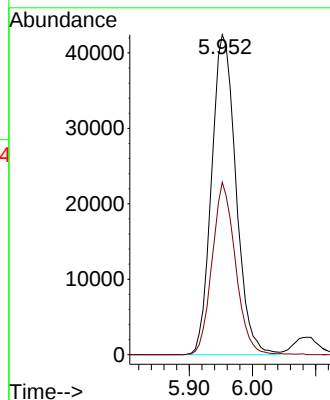
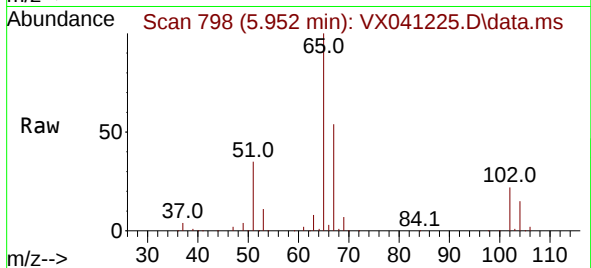
67 51.6 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2024

Supervised By :Mahesh Dadoda 04/24/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX041225.D

Acq: 23 Apr 2024 19:08

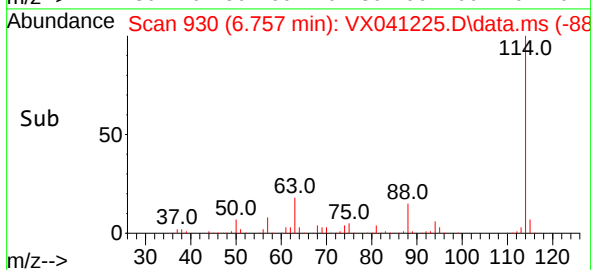
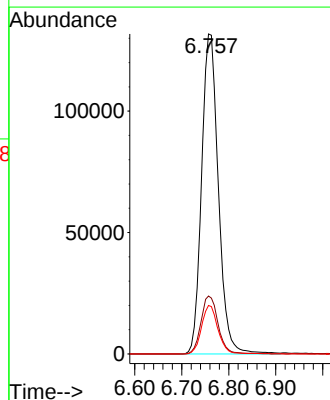
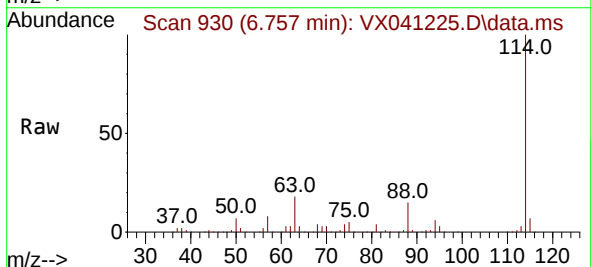
Tgt Ion:114 Resp: 326911

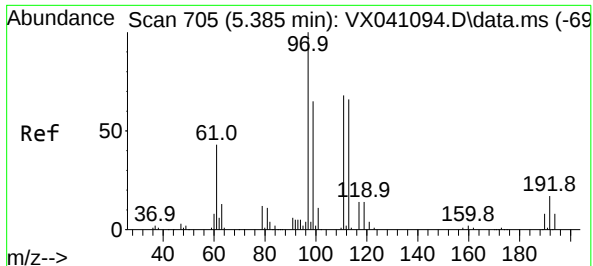
Ion Ratio Lower Upper

114 100

63 18.1 0.0 45.0

88 15.1 0.0 36.6





#35

Dibromofluoromethane

Concen: 49.761 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX041225.D

Acq: 23 Apr 2024 19:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 113 Resp: 9895

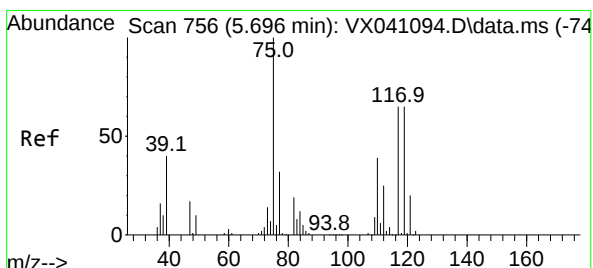
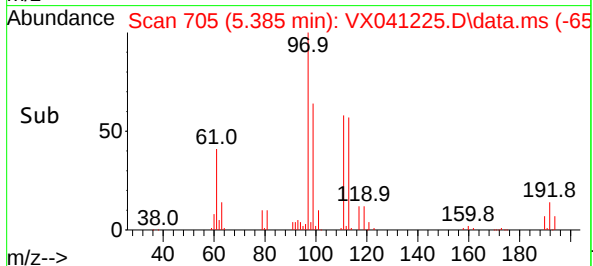
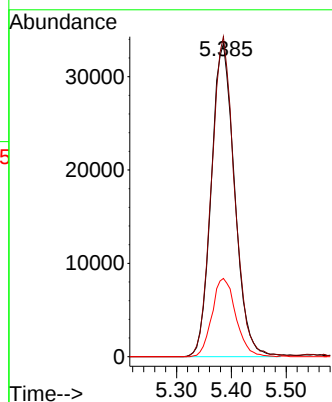
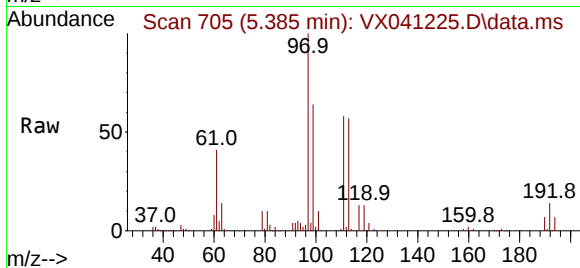
Ion	Ratio	Lower	Upper
113	100		
111	100.9	82.9	124.3
192	25.5	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2024

Supervised By :Mahesh Dadoda 04/24/2024



#36

1,1-Dichloropropene

Concen: 52.408 ug/l

RT: 5.690 min Scan# 755

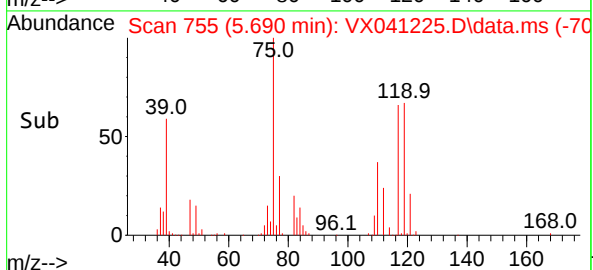
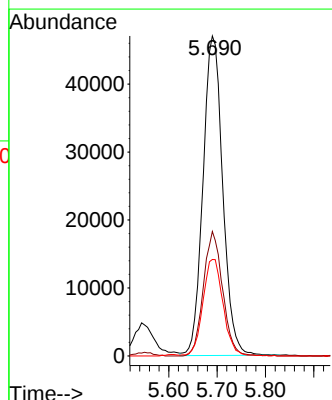
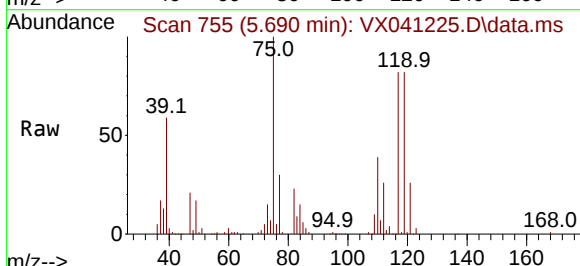
Delta R.T. 0.000 min

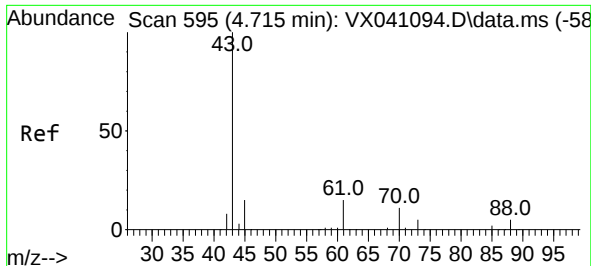
Lab File: VX041225.D

Acq: 23 Apr 2024 19:08

Tgt Ion: 75 Resp: 133347

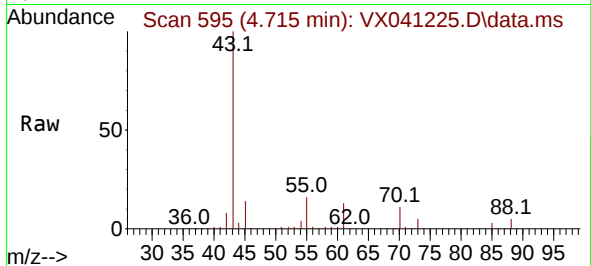
Ion	Ratio	Lower	Upper
75	100		
110	37.9	17.0	50.9
77	30.4	24.7	37.1





#37
Ethyl Acetate
Concen: 62.967 ug/l
RT: 4.715 min Scan# 595
Delta R.T. -0.006 min
Lab File: VX041225.D
Acq: 23 Apr 2024 19:08

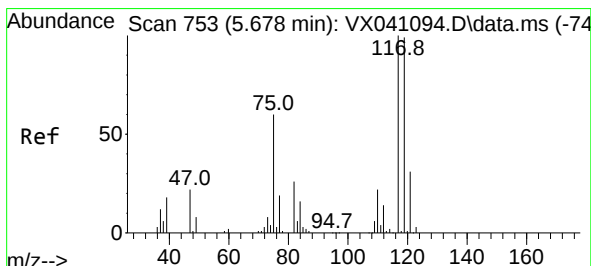
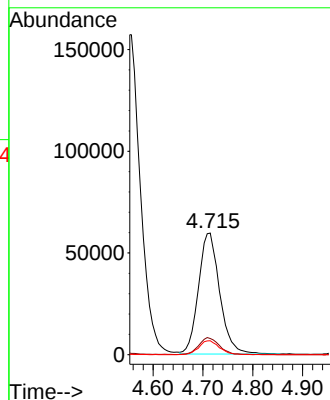
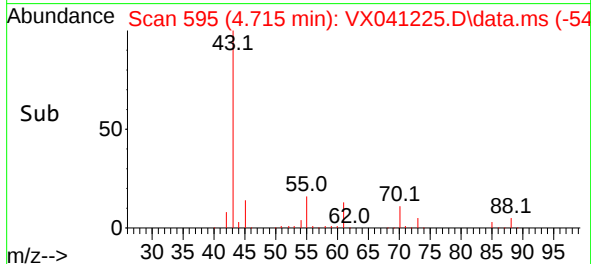
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 17577
Ion Ratio Lower Upper
43 100
61 13.4 10.6 16.0
70 11.2 8.3 12.5

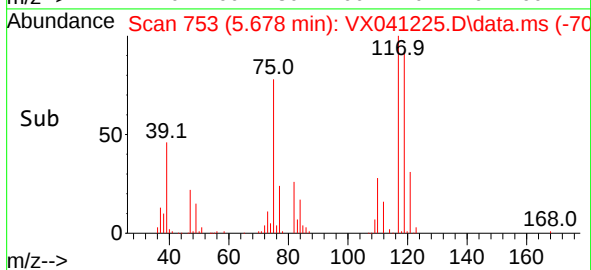
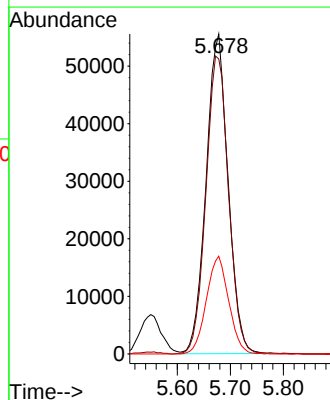
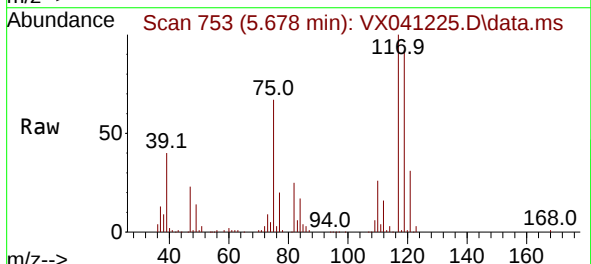
Manual Integrations
APPROVED

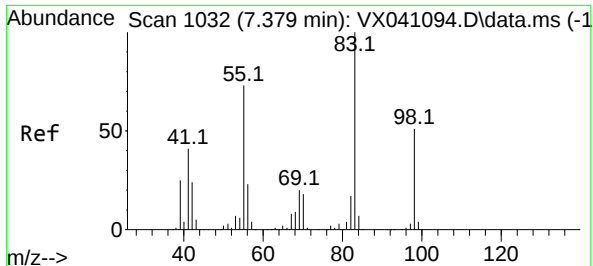
Reviewed By :John Carlone 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024



#38
Carbon Tetrachloride
Concen: 56.400 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.006 min
Lab File: VX041225.D
Acq: 23 Apr 2024 19:08

Tgt Ion:117 Resp: 160283
Ion Ratio Lower Upper
117 100
119 92.2 78.2 117.2
121 30.6 24.4 36.6





#39

Methylcyclohexane

Concen: 50.023 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.006 min

Lab File: VX041225.D

Acq: 23 Apr 2024 19:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 168820

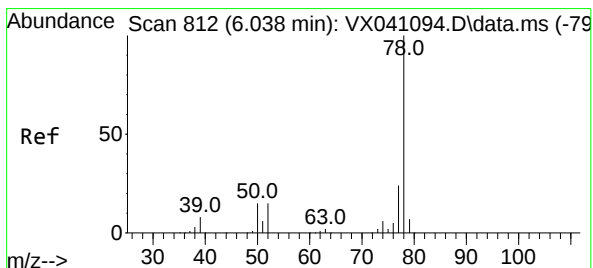
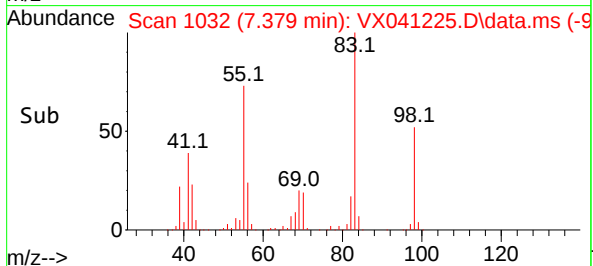
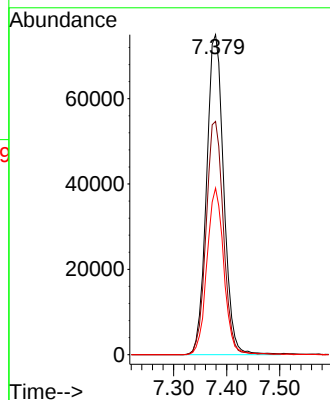
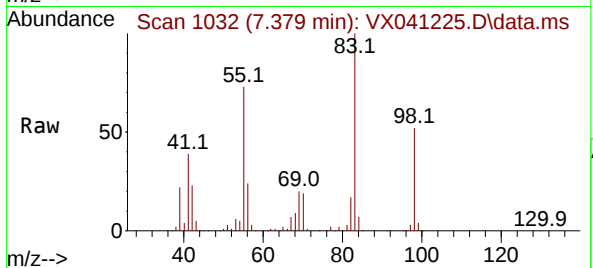
Ion	Ratio	Lower	Upper
83	100		
55	72.9	64.6	97.0
98	52.0	36.7	55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2024

Supervised By :Mahesh Dadoda 04/24/2024



#40

Benzene

Concen: 54.603 ug/l

RT: 6.038 min Scan# 812

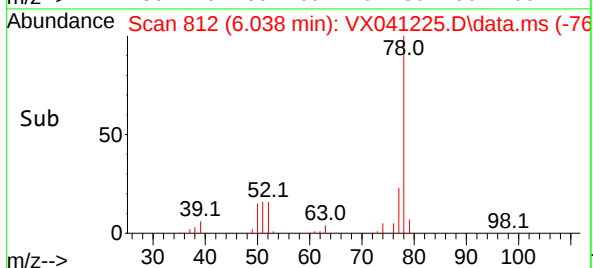
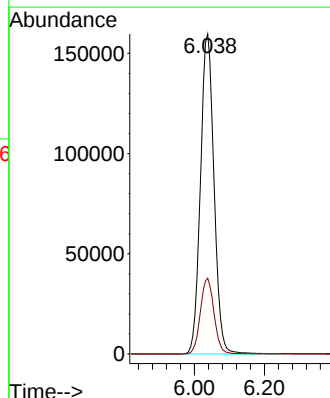
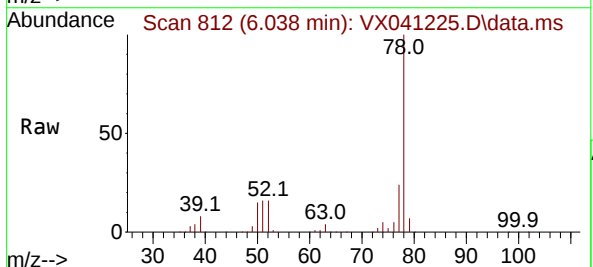
Delta R.T. 0.006 min

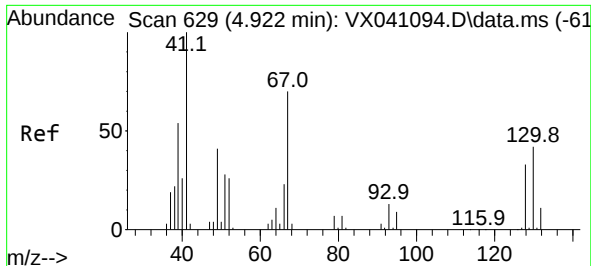
Lab File: VX041225.D

Acq: 23 Apr 2024 19:08

Tgt Ion: 78 Resp: 429078

Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.3	28.9





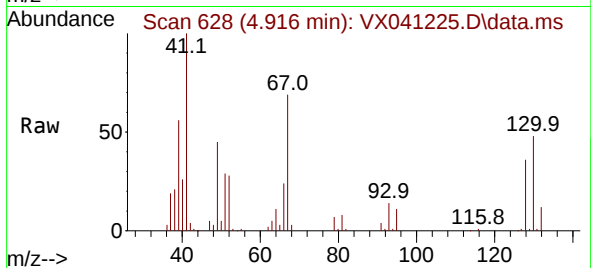
#41
Methacrylonitrile
Concen: 67.699 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX041225.D
Acq: 23 Apr 2024 19:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



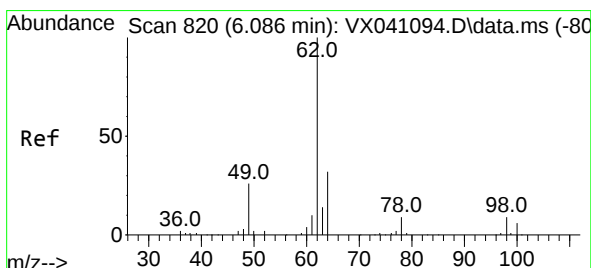
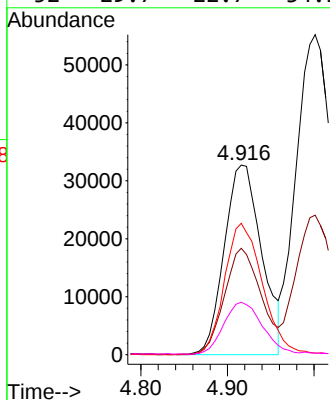
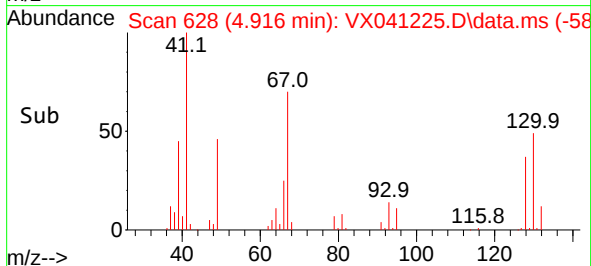
Tgt Ion: 41 Resp: 9838
Ion Ratio Lower Upper
41 100
39 55.1 45.2 67.8
67 70.7 52.6 78.8
52 29.7 22.7 34.1

Manual Integrations

APPROVED

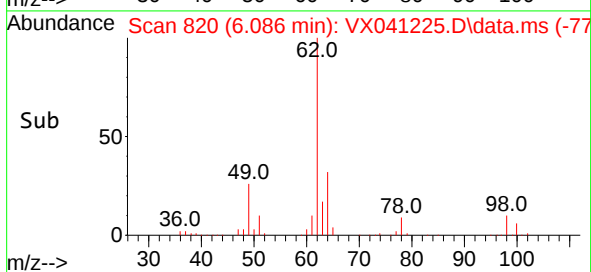
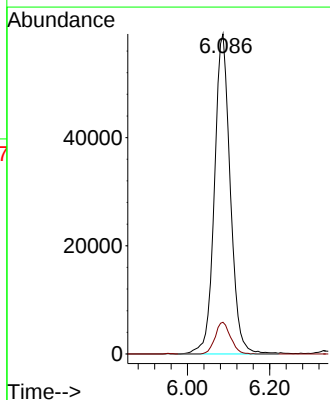
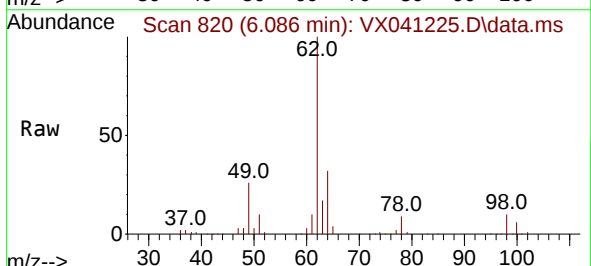
Reviewed By :John Carlone 04/24/2024

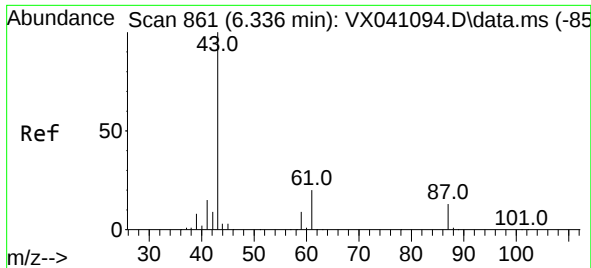
Supervised By :Mahesh Dadoda 04/24/2024



#42
1,2-Dichloroethane
Concen: 58.141 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX041225.D
Acq: 23 Apr 2024 19:08

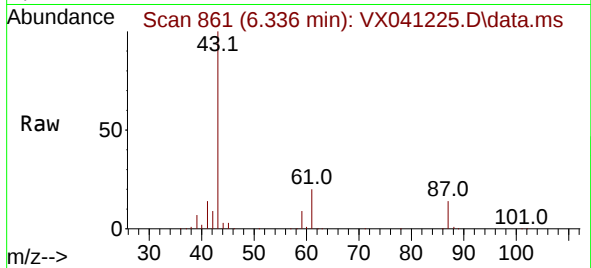
Tgt Ion: 62 Resp: 158413
Ion Ratio Lower Upper
62 100
98 9.6 0.0 16.0





#43
Isopropyl Acetate
Concen: 60.819 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.012 min
Lab File: VX041225.D
Acq: 23 Apr 2024 19:08

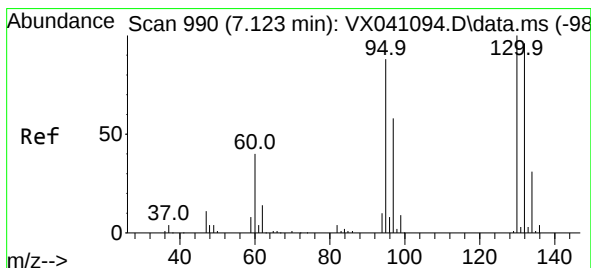
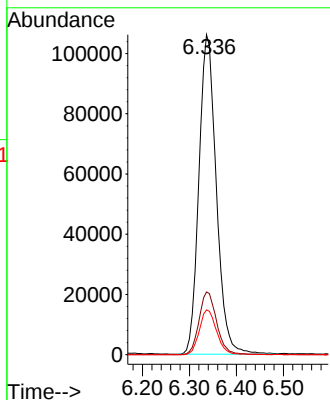
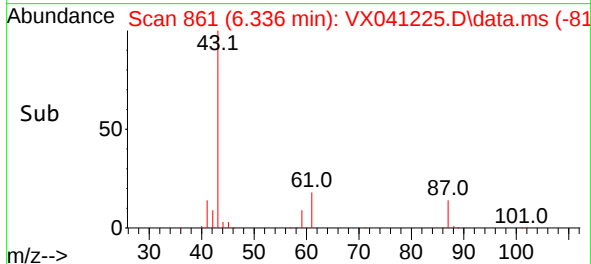
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 27349
Ion Ratio Lower Upper
43 100
61 19.9 15.2 22.8
87 13.9 9.8 14.6

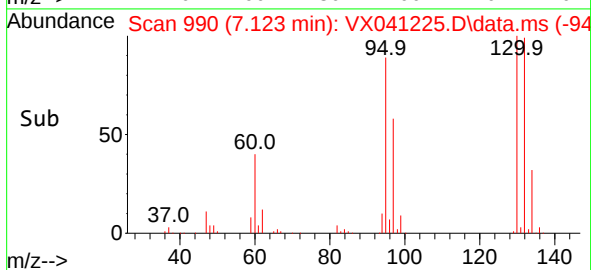
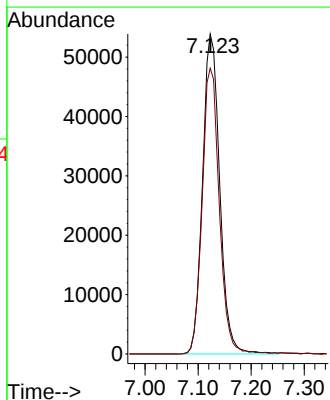
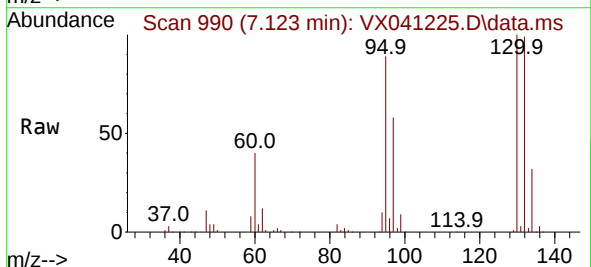
Manual Integrations
APPROVED

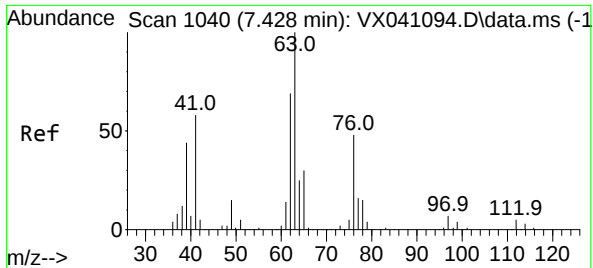
Reviewed By :John Carlone 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024



#44
Trichloroethene
Concen: 52.949 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX041225.D
Acq: 23 Apr 2024 19:08

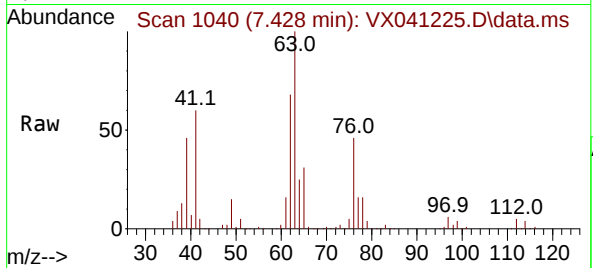
Tgt Ion:130 Resp: 120968
Ion Ratio Lower Upper
130 100
95 89.3 0.0 204.4





#45
1,2-Dichloropropane
Concen: 54.811 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX041225.D
Acq: 23 Apr 2024 19:08

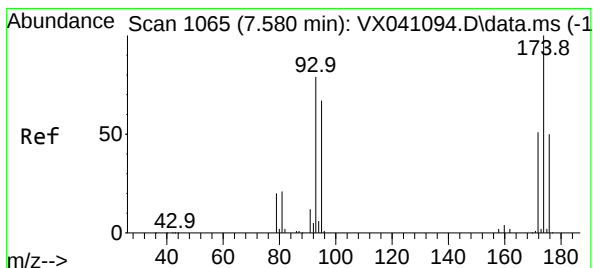
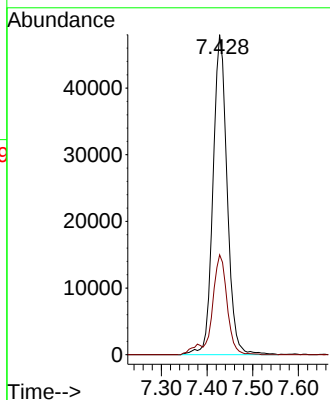
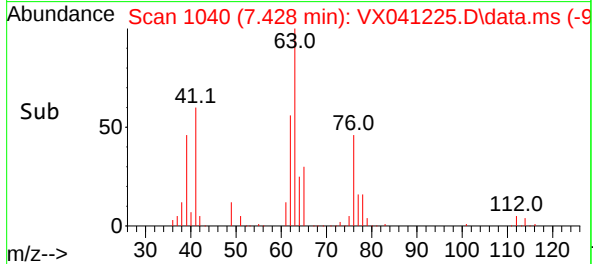
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 63 Resp: 10327
Ion Ratio Lower Upper
63 100
65 31.2 24.3 36.5

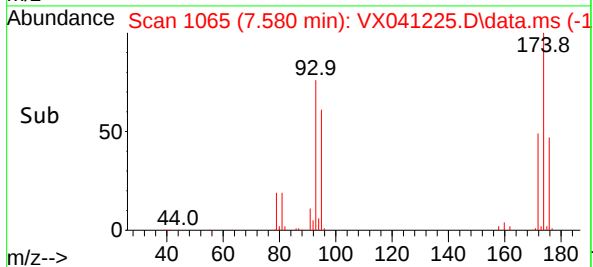
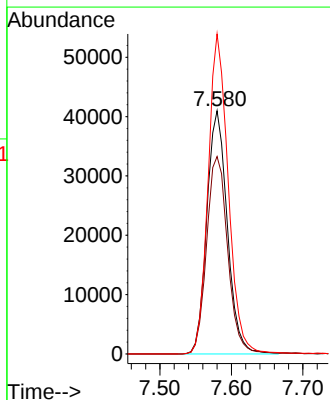
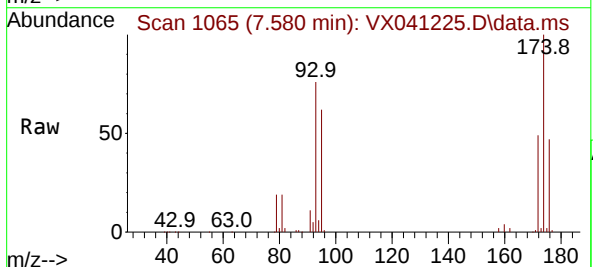
Manual Integrations
APPROVED

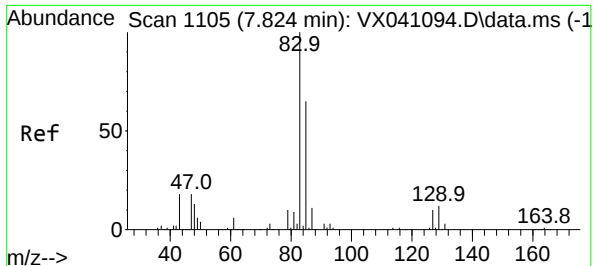
Reviewed By :John Carlone 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024



#46
Dibromomethane
Concen: 58.014 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX041225.D
Acq: 23 Apr 2024 19:08

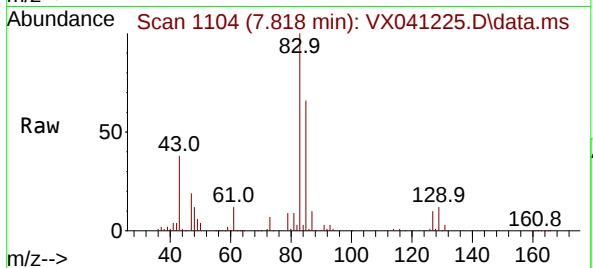
Tgt Ion: 93 Resp: 81506
Ion Ratio Lower Upper
93 100
95 84.0 66.6 100.0
174 129.7 69.4 104.0#





#47
Bromodichloromethane
Concen: 62.299 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX041225.D
Acq: 23 Apr 2024 19:08

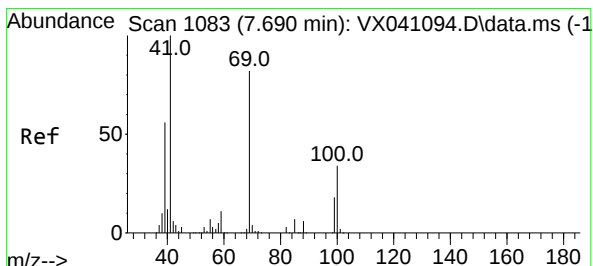
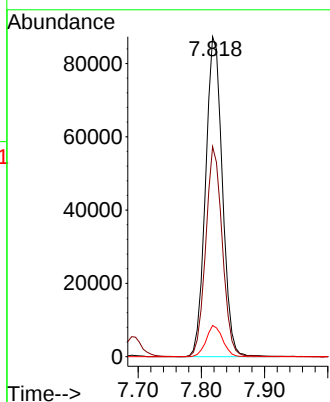
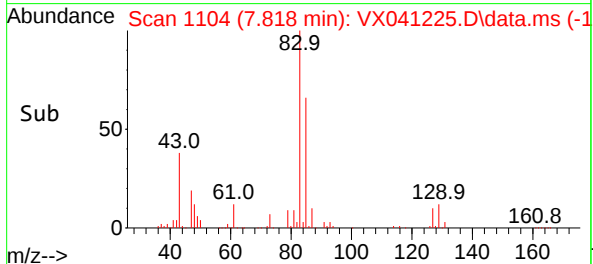
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 161334
Ion Ratio Lower Upper
83 100
85 65.6 49.8 74.6
127 9.7 7.1 10.7

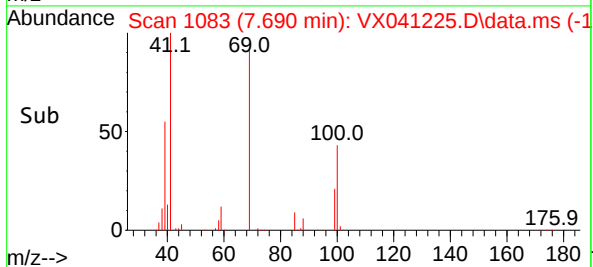
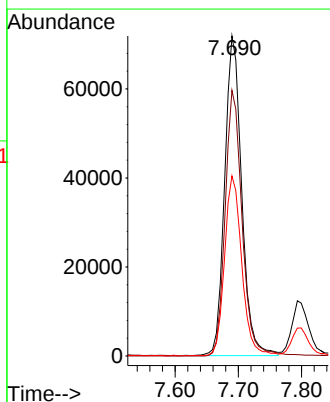
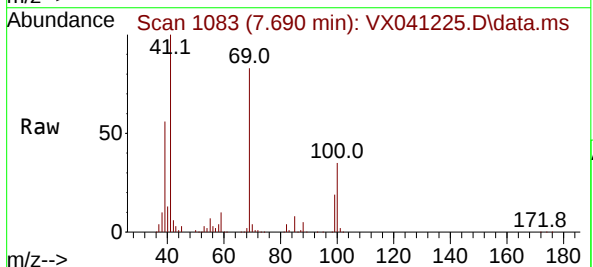
Manual Integrations
APPROVED

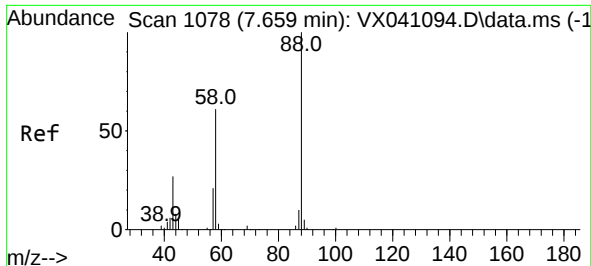
Reviewed By :John Carlone 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024



#48
Methyl methacrylate
Concen: 63.019 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX041225.D
Acq: 23 Apr 2024 19:08

Tgt Ion: 41 Resp: 134040
Ion Ratio Lower Upper
41 100
69 83.3 59.2 88.8
39 56.8 47.7 71.5





#49

1,4-Dioxane

Concen: 1318.635 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. -0.018 min

Lab File: VX041225.D

Acq: 23 Apr 2024 19:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 60368

Ion Ratio Lower Upper

88 100

43 31.1 0.0 0.0

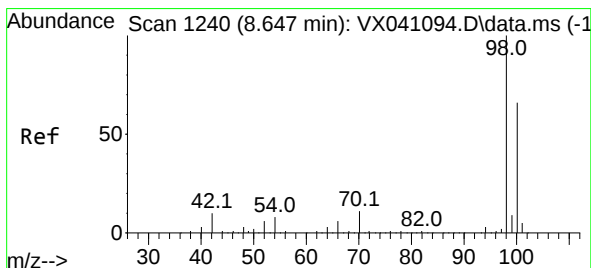
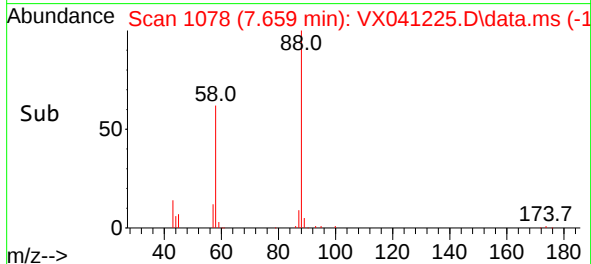
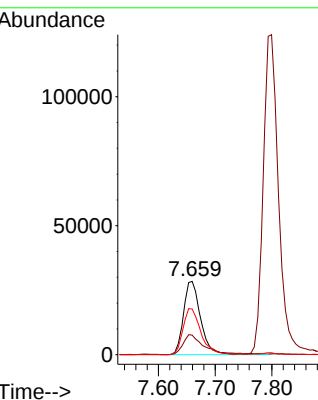
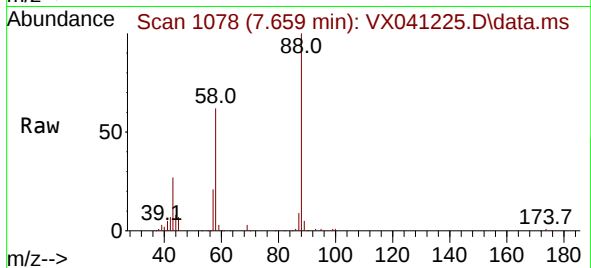
58 64.6 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2024

Supervised By :Mahesh Dadoda 04/24/2024



#50

Toluene-d8

Concen: 48.631 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX041225.D

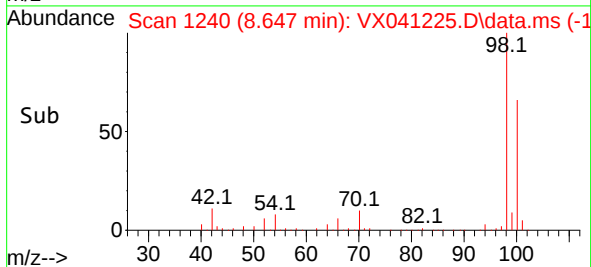
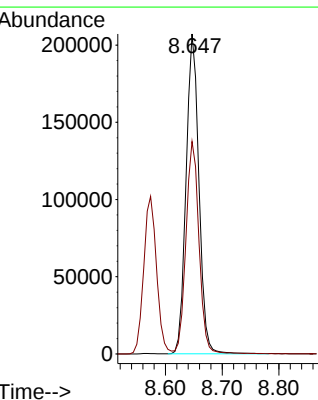
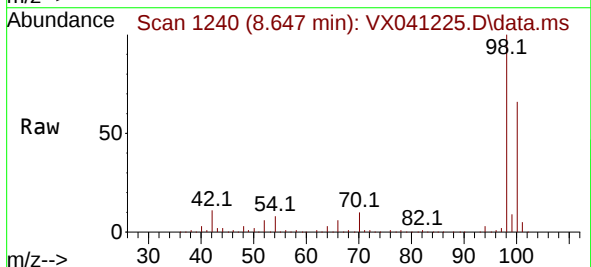
Acq: 23 Apr 2024 19:08

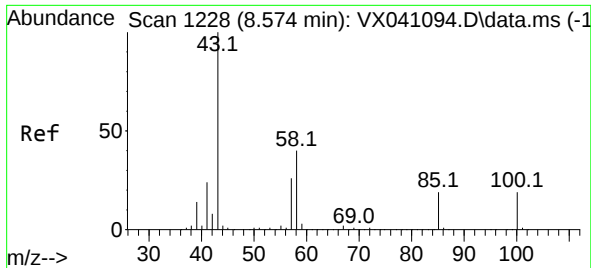
Tgt Ion: 98 Resp: 326275

Ion Ratio Lower Upper

98 100

100 66.9 53.1 79.7





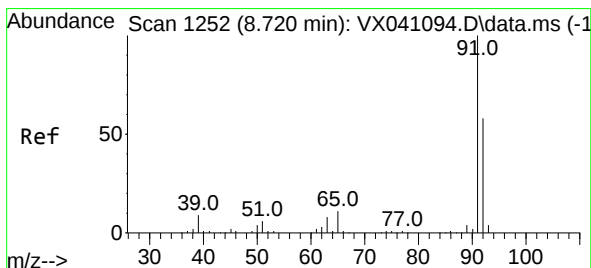
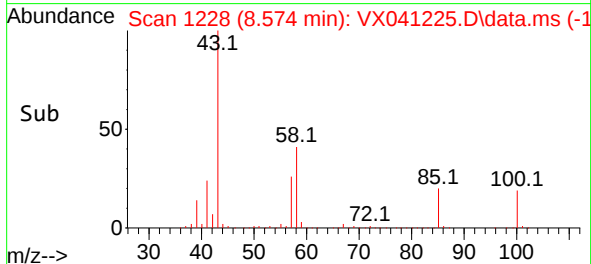
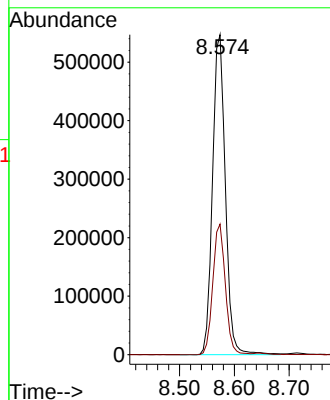
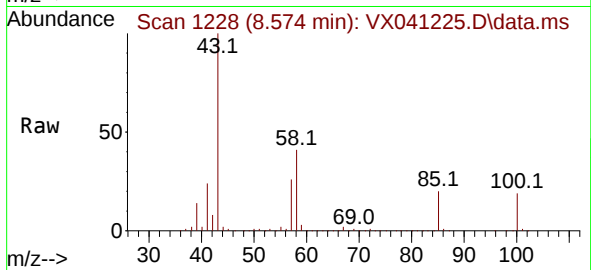
#51
4-Methyl-2-Pentanone
Concen: 314.997 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VX041225.D
Acq: 23 Apr 2024 19:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 88664
Ion Ratio Lower Upper
43 100
58 39.9 30.4 45.6

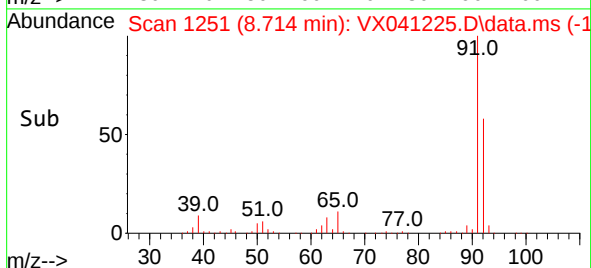
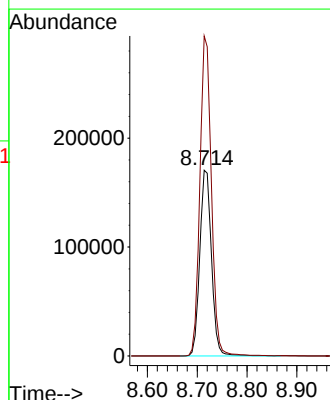
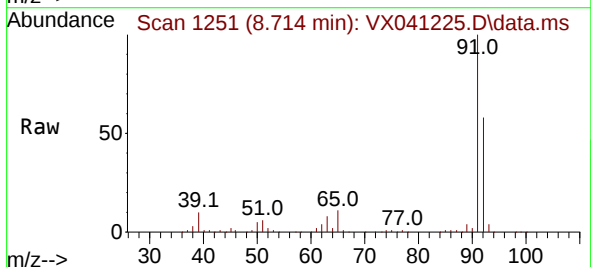
Manual Integrations
APPROVED

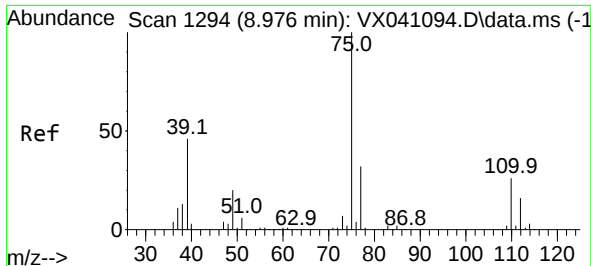
Reviewed By :John Carlone 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024



#52
Toluene
Concen: 55.986 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX041225.D
Acq: 23 Apr 2024 19:08

Tgt Ion: 92 Resp: 277216
Ion Ratio Lower Upper
92 100
91 169.5 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 61.177 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX041225.D

Acq: 23 Apr 2024 19:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 155399

Ion Ratio Lower Upper

75 100

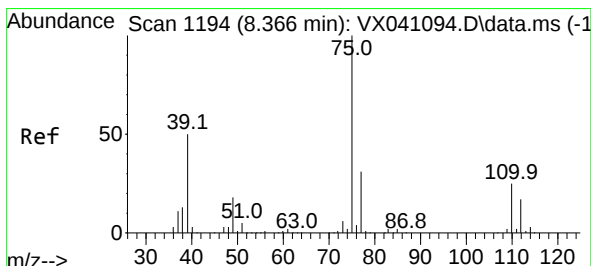
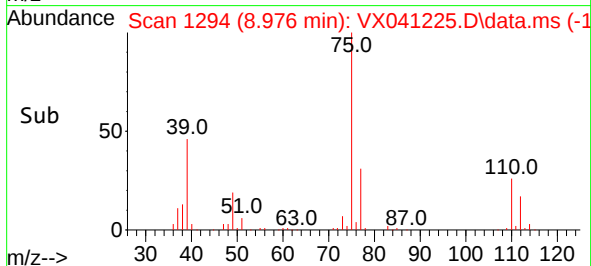
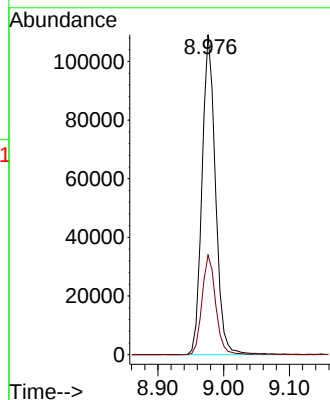
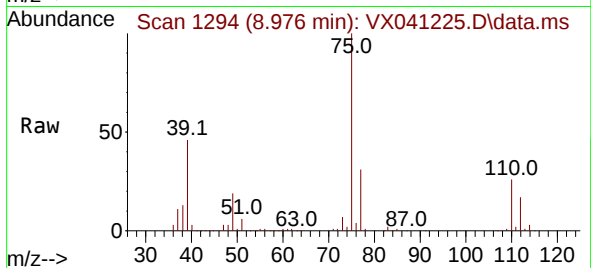
77 31.1 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2024

Supervised By :Mahesh Dadoda 04/24/2024



#54

cis-1,3-Dichloropropene

Concen: 59.070 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX041225.D

Acq: 23 Apr 2024 19:08

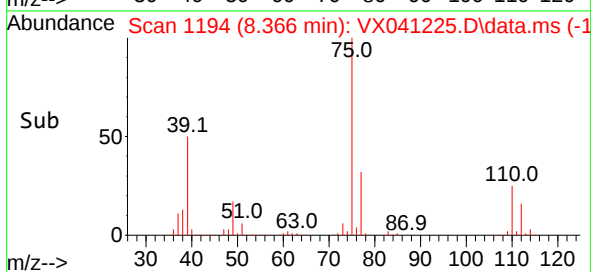
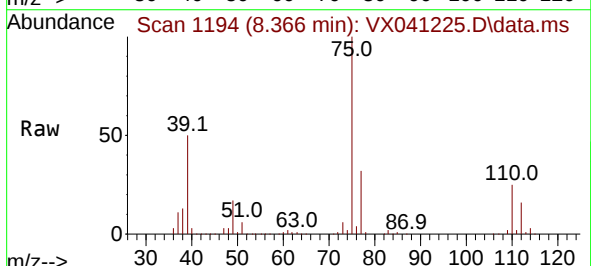
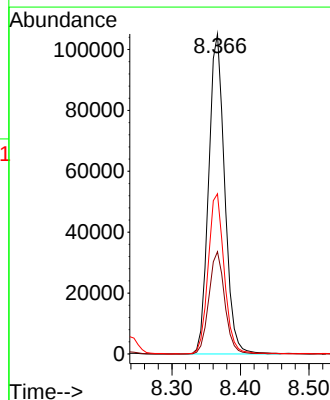
Tgt Ion: 75 Resp: 170575

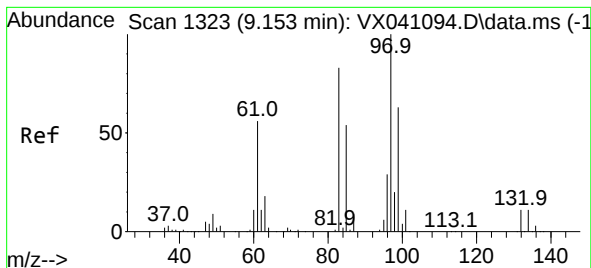
Ion Ratio Lower Upper

75 100

77 32.0 25.3 37.9

39 50.1 46.7 70.1





#55

1,1,2-Trichloroethane

Concen: 59.269 ug/l

RT: 9.147 min Scan# 11451

Delta R.T. -0.006 min

Lab File: VX041225.D

Acq: 23 Apr 2024 19:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 11451

Ion Ratio Lower Upper

97 100

83 82.0 65.8 98.8

85 52.5 41.6 62.4

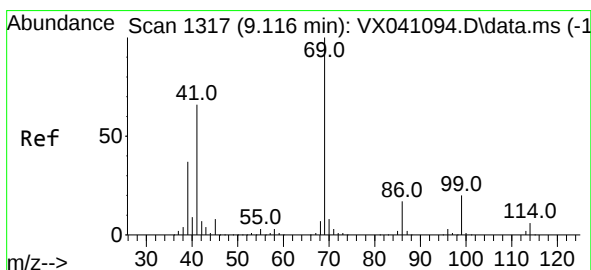
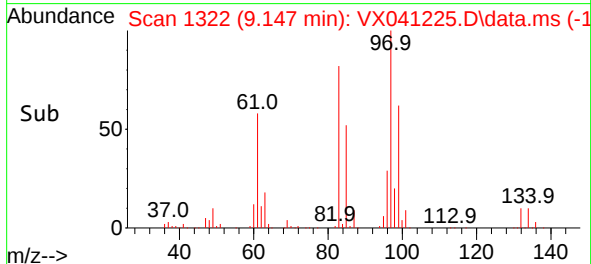
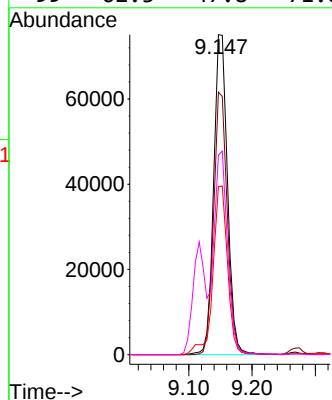
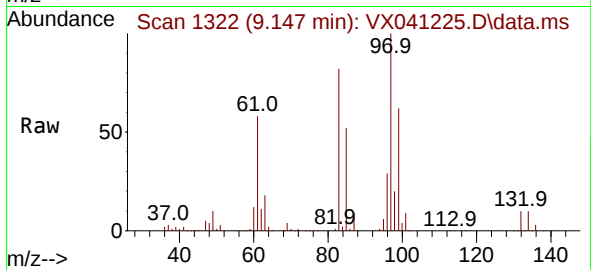
99 62.3 47.8 71.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2024

Supervised By :Mahesh Dadoda 04/24/2024



#56

Ethyl methacrylate

Concen: 62.143 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. -0.006 min

Lab File: VX041225.D

Acq: 23 Apr 2024 19:08

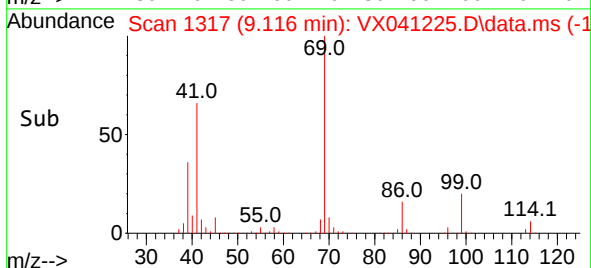
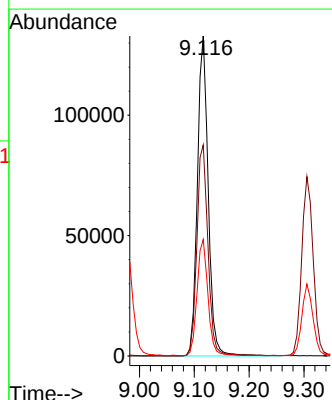
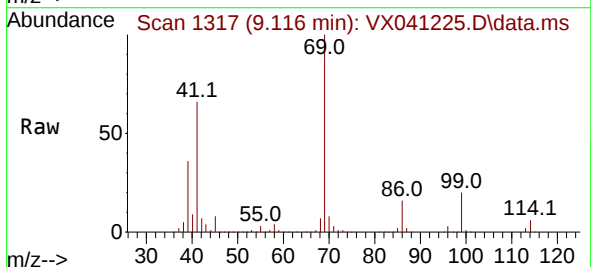
Tgt Ion: 69 Resp: 183551

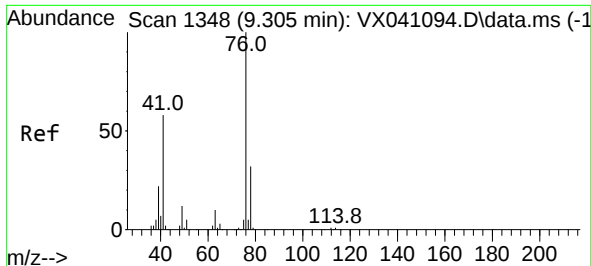
Ion Ratio Lower Upper

69 100

41 67.3 56.8 85.2

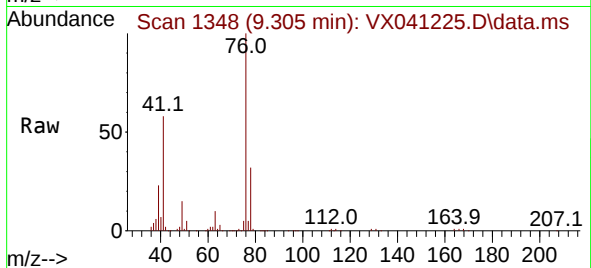
39 36.5 32.0 48.0





#57
1,3-Dichloropropane
Concen: 58.006 ug/l
RT: 9.305 min Scan# 1134
Delta R.T. -0.006 min
Lab File: VX041225.D
Acq: 23 Apr 2024 19:08

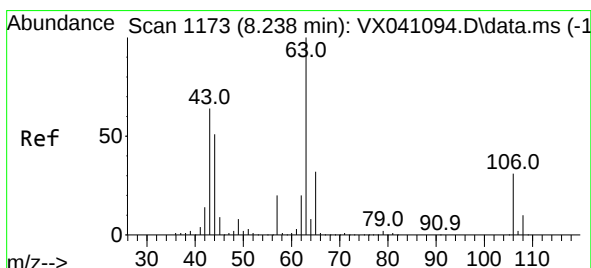
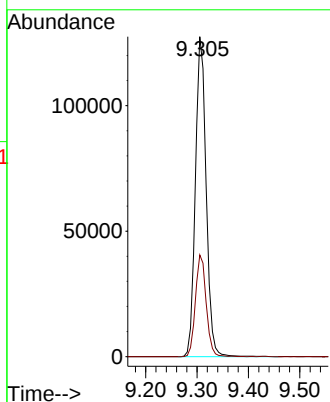
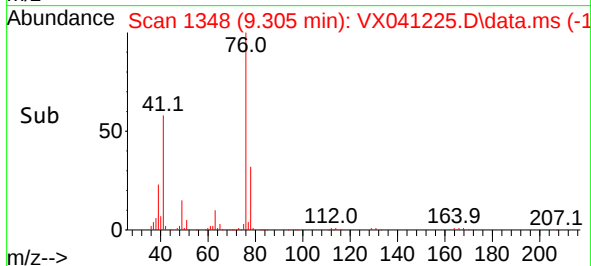
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 18552
Ion Ratio Lower Upper
76 100
78 31.9 26.1 39.1

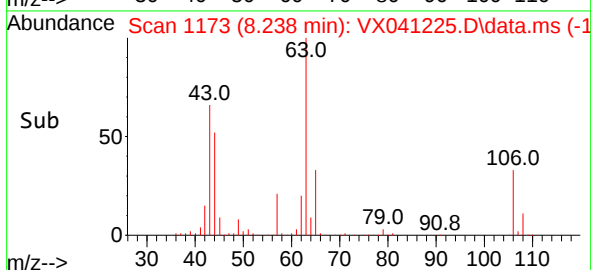
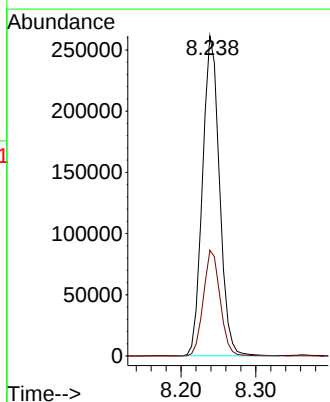
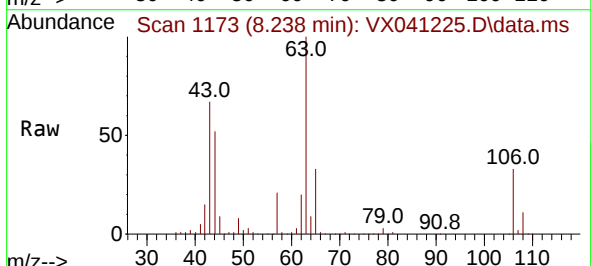
Manual Integrations
APPROVED

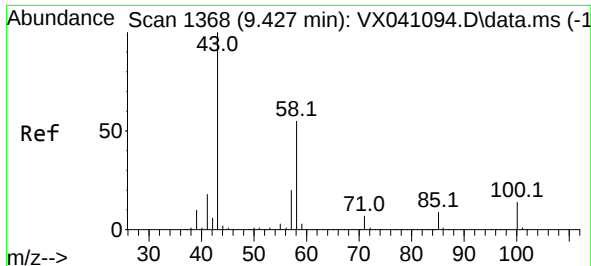
Reviewed By :John Carlone 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024



#58
2-Chloroethyl Vinyl ether
Concen: 286.493 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX041225.D
Acq: 23 Apr 2024 19:08

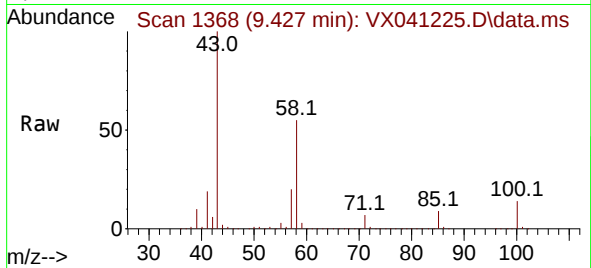
Tgt Ion: 63 Resp: 411851
Ion Ratio Lower Upper
63 100
106 32.8 22.5 33.7





#59
2-Hexanone
Concen: 317.750 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX041225.D
Acq: 23 Apr 2024 19:08

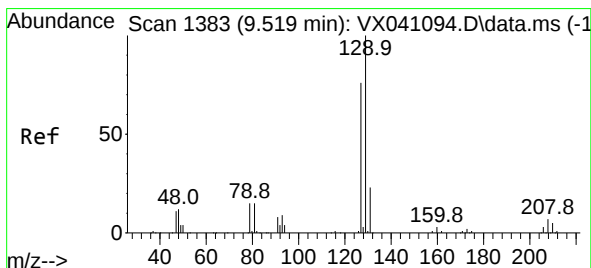
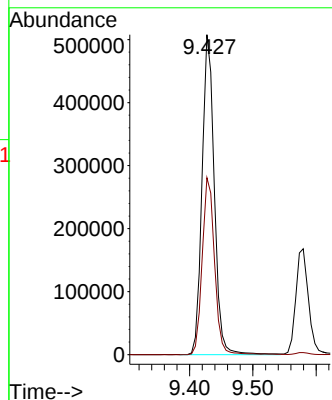
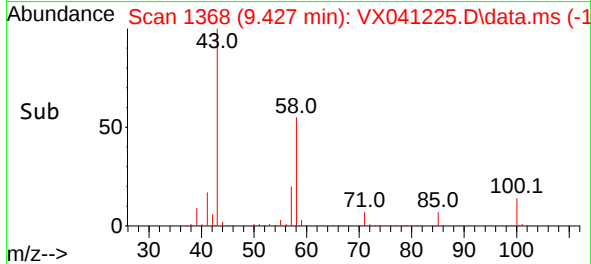
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 685852
Ion Ratio Lower Upper
43 100
58 55.9 26.2 78.5

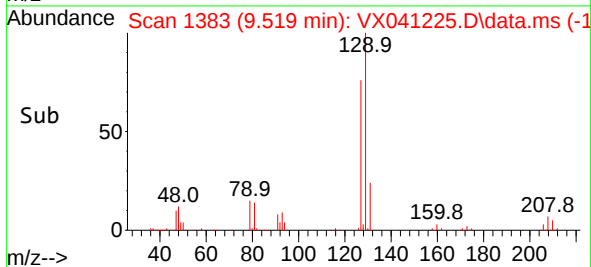
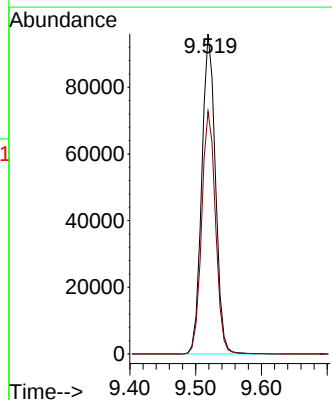
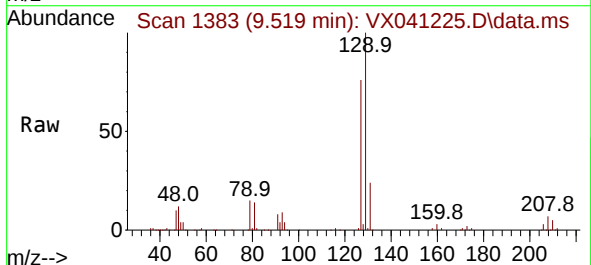
Manual Integrations
APPROVED

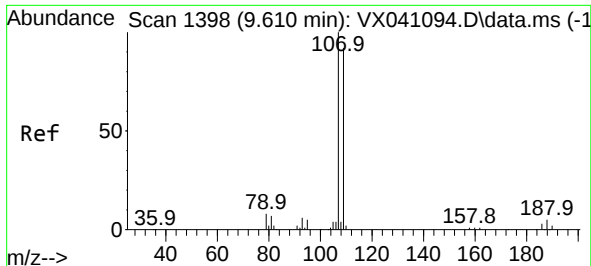
Reviewed By :John Carlone 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024



#60
Dibromochloromethane
Concen: 62.186 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX041225.D
Acq: 23 Apr 2024 19:08

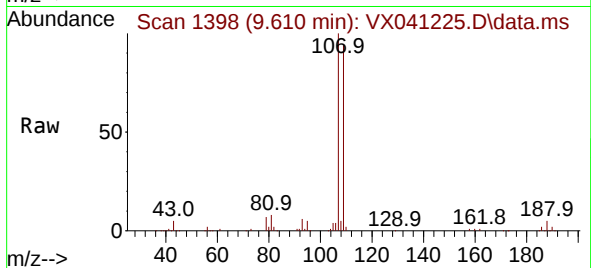
Tgt Ion:129 Resp: 138695
Ion Ratio Lower Upper
129 100
127 76.7 38.8 116.4





#61
1,2-Dibromoethane
Concen: 59.007 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX041225.D
Acq: 23 Apr 2024 19:08

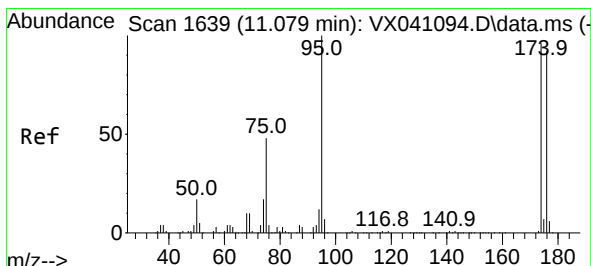
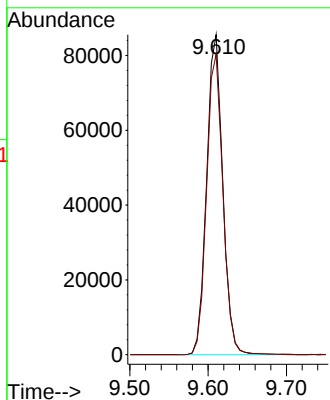
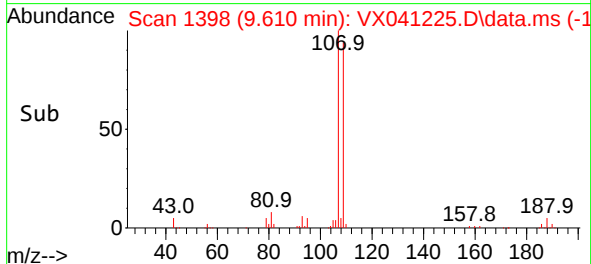
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



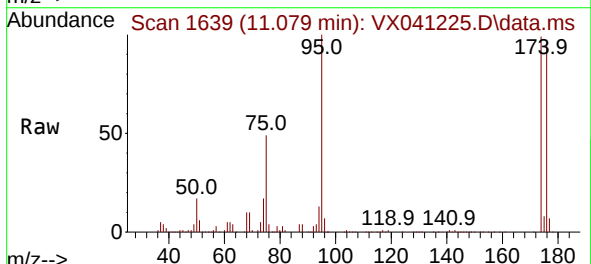
Tgt Ion:107 Resp: 12231
Ion Ratio Lower Upper
107 100
109 94.9 75.2 112.8

Manual Integrations
APPROVED

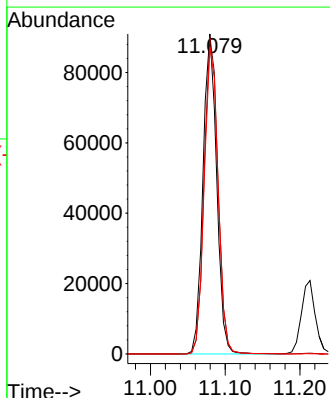
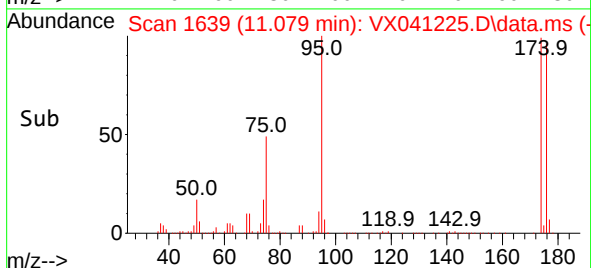
Reviewed By :John Carlone 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024

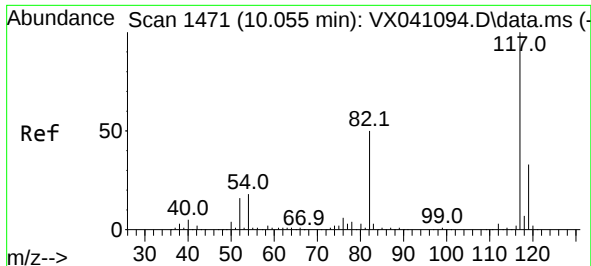


#62
4-Bromofluorobenzene
Concen: 46.629 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041225.D
Acq: 23 Apr 2024 19:08



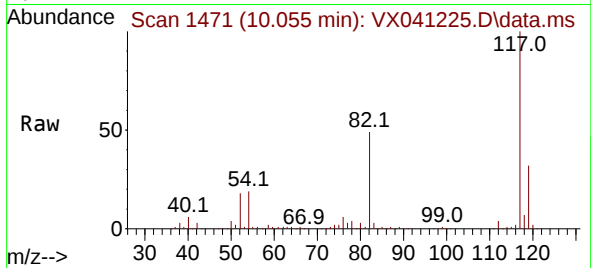
Tgt Ion: 95 Resp: 115469
Ion Ratio Lower Upper
95 100
174 99.8 0.0 135.6
176 97.4 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041225.D
Acq: 23 Apr 2024 19:08

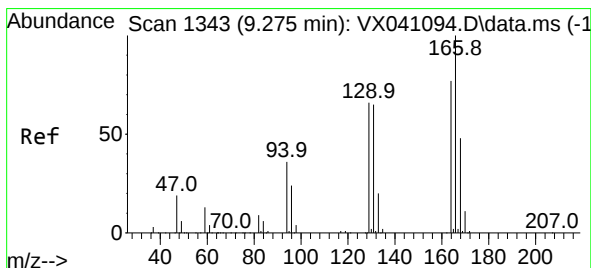
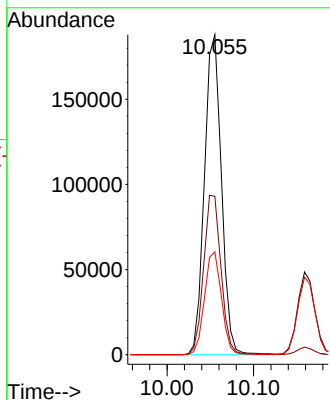
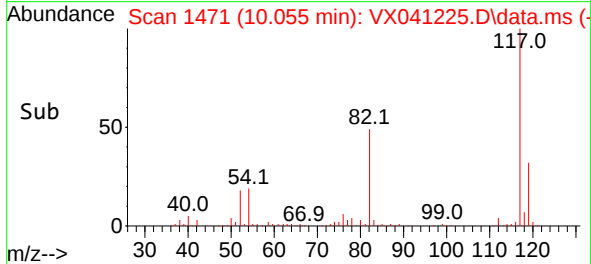
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 25620
Ion Ratio Lower Upper
117 100
82 49.5 46.2 69.4
119 32.2 25.5 38.3

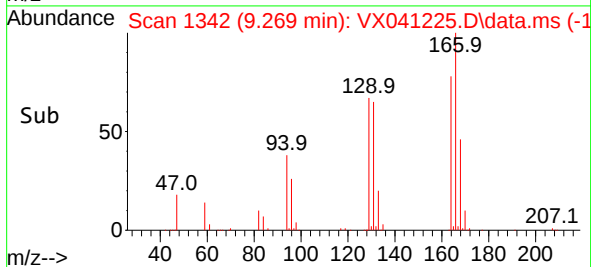
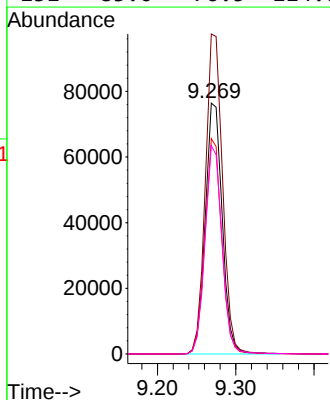
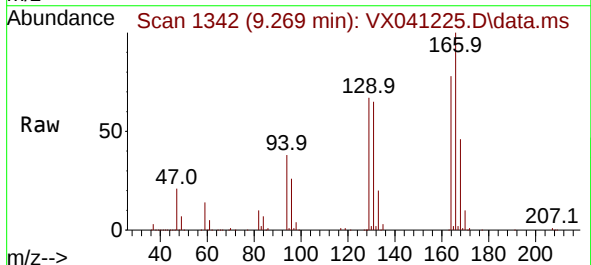
Manual Integrations
APPROVED

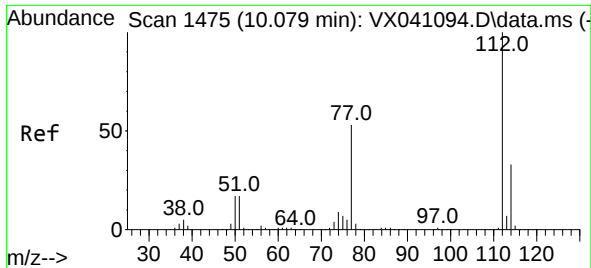
Reviewed By :John Carlone 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024



#64
Tetrachloroethene
Concen: 58.285 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX041225.D
Acq: 23 Apr 2024 19:08

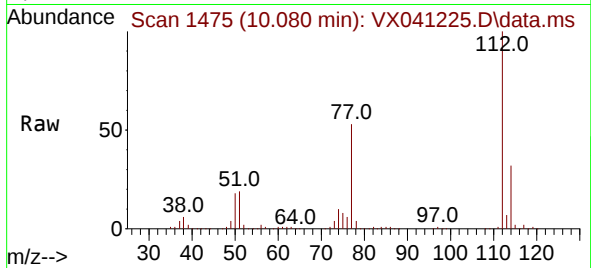
Tgt Ion:164 Resp: 114524
Ion Ratio Lower Upper
164 100
166 127.6 102.7 154.1
129 85.8 80.4 120.6
131 83.0 76.5 114.7





#65
Chlorobenzene
Concen: 52.623 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX041225.D
Acq: 23 Apr 2024 19:08

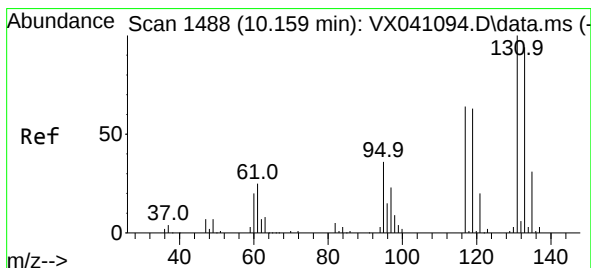
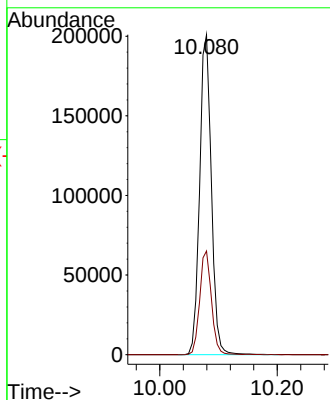
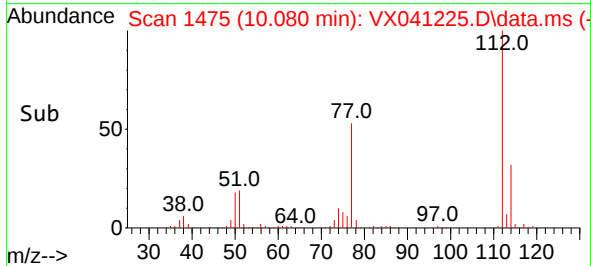
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



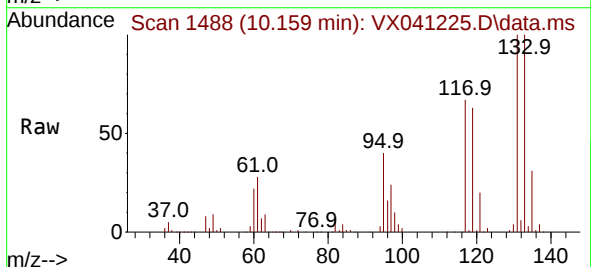
Tgt Ion:112 Resp: 277464
Ion Ratio Lower Upper
112 100
114 32.4 25.7 38.5

Manual Integrations
APPROVED

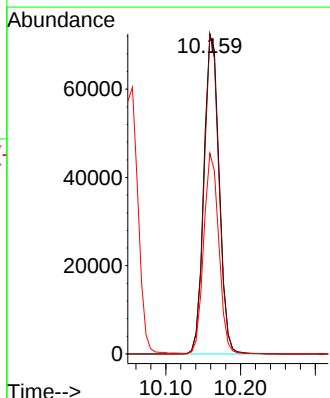
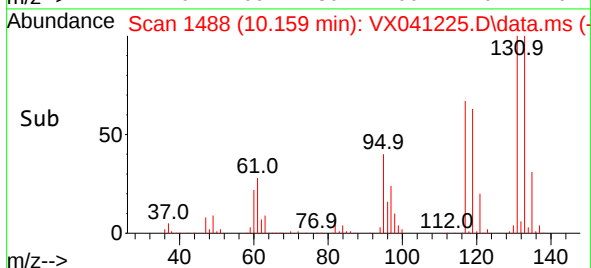
Reviewed By :John Carlone 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024

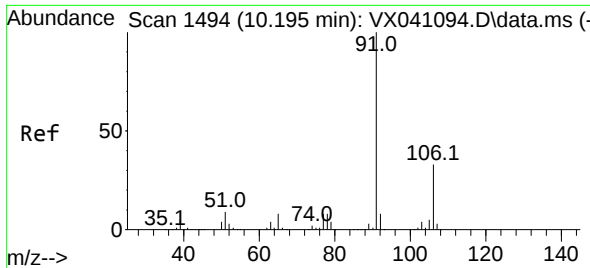


#66
1,1,1,2-Tetrachloroethane
Concen: 57.225 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX041225.D
Acq: 23 Apr 2024 19:08



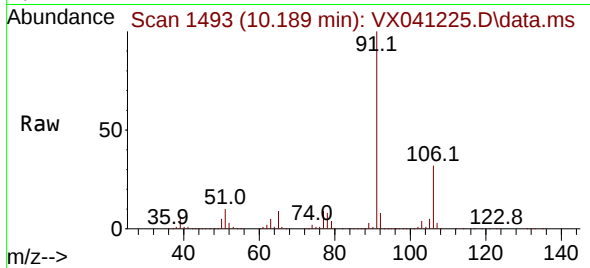
Tgt Ion:131 Resp: 103350
Ion Ratio Lower Upper
131 100
133 96.6 47.1 141.4
119 61.8 32.2 96.6





#67
Ethyl Benzene
Concen: 53.920 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.006 min
Lab File: VX041225.D
Acq: 23 Apr 2024 19:08

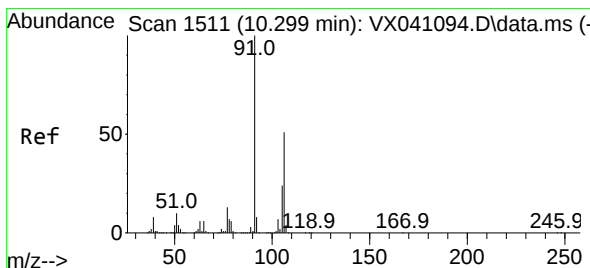
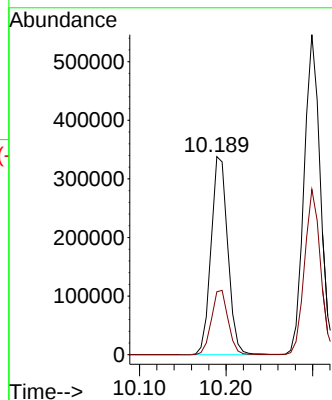
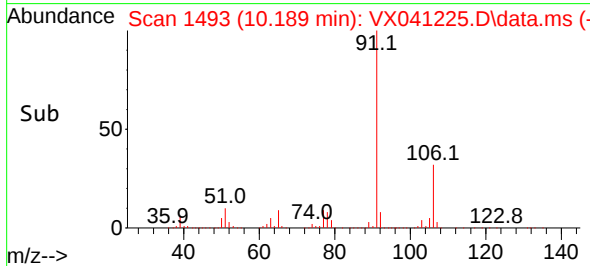
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 453711
Ion Ratio Lower Upper
91 100
106 31.7 24.9 37.3

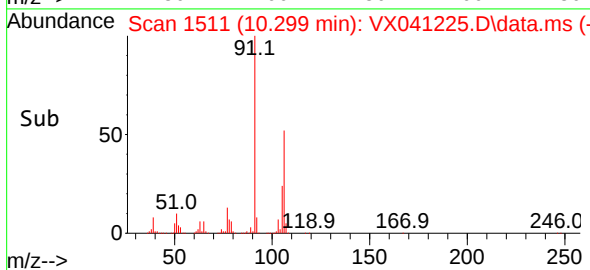
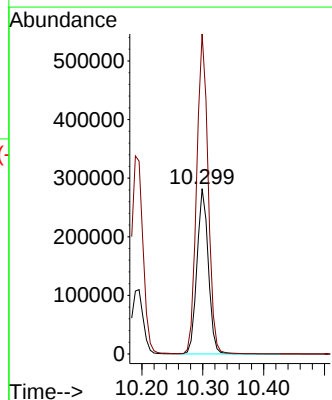
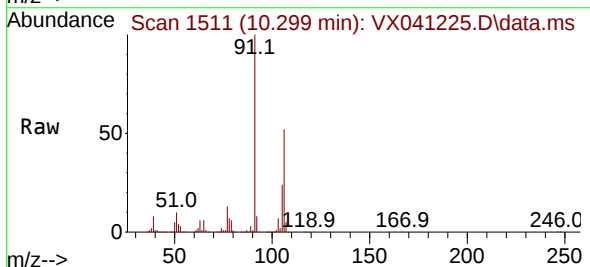
Manual Integrations
APPROVED

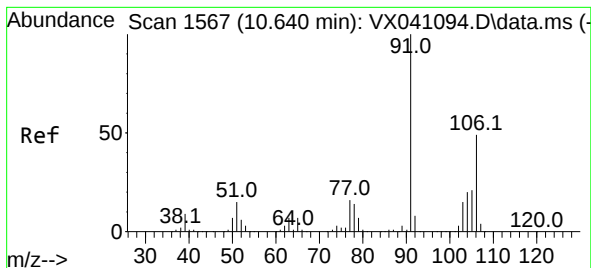
Reviewed By :John Carlone 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024



#68
m/p-Xylenes
Concen: 106.781 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX041225.D
Acq: 23 Apr 2024 19:08

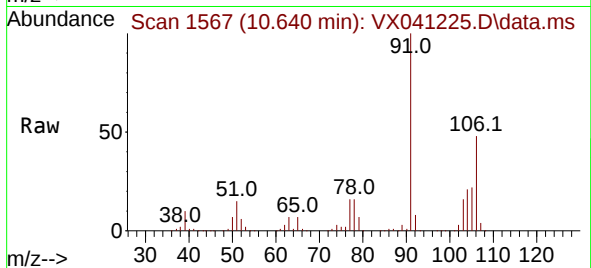
Tgt Ion:106 Resp: 362716
Ion Ratio Lower Upper
106 100
91 195.8 165.5 248.3





#69
o-Xylene
Concen: 54.902 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX041225.D
Acq: 23 Apr 2024 19:08

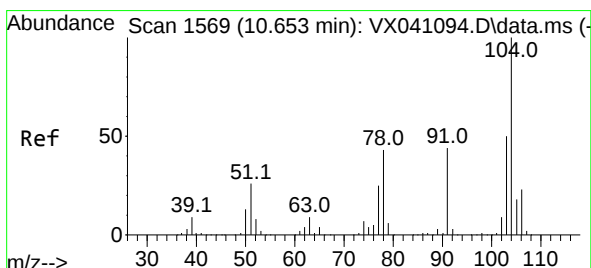
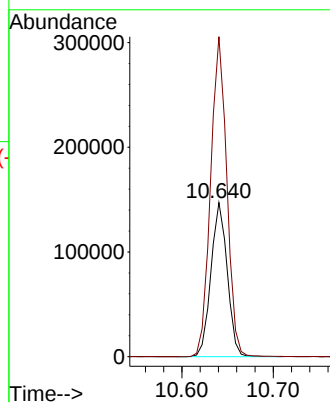
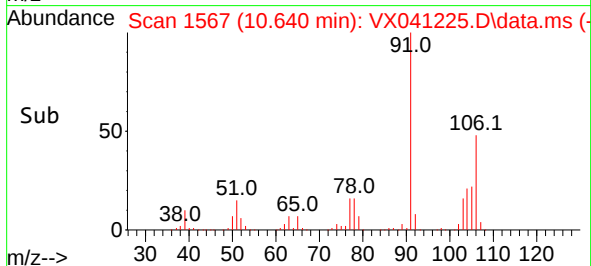
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 181380
Ion Ratio Lower Upper
106 100
91 207.2 108.9 326.8

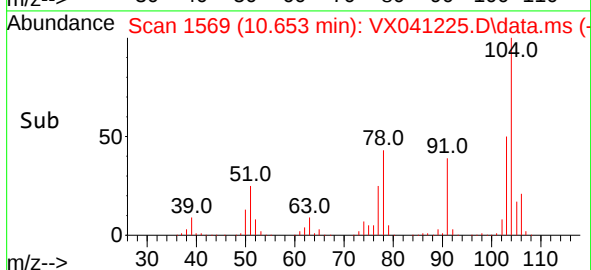
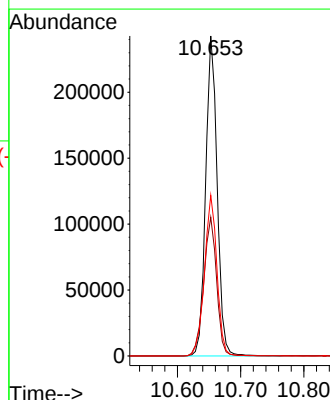
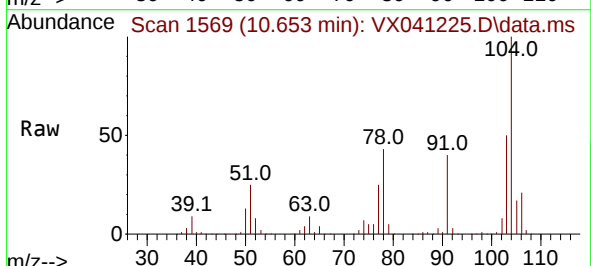
Manual Integrations
APPROVED

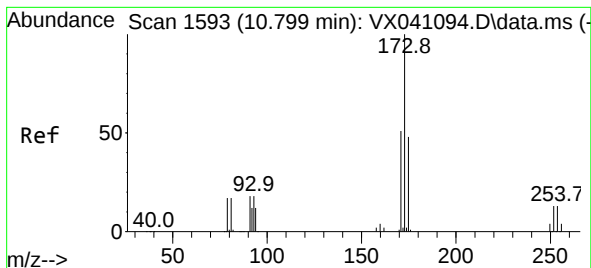
Reviewed By :John Carlone 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024



#70
Styrene
Concen: 57.244 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX041225.D
Acq: 23 Apr 2024 19:08

Tgt Ion:104 Resp: 307672
Ion Ratio Lower Upper
104 100
78 48.6 43.6 65.4
103 54.6 43.6 65.4





#71

Bromoform

Concen: 61.610 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX041225.D

Acq: 23 Apr 2024 19:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

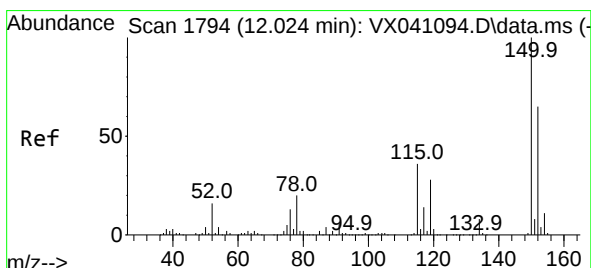
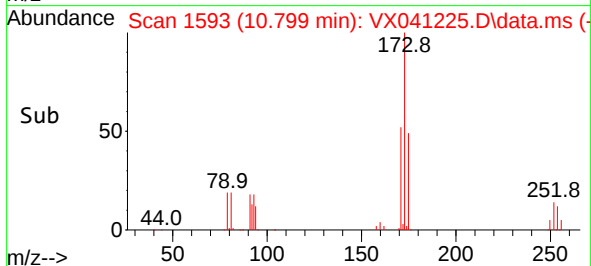
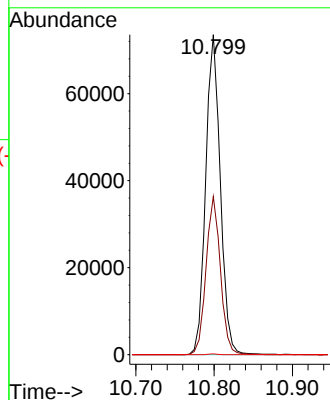
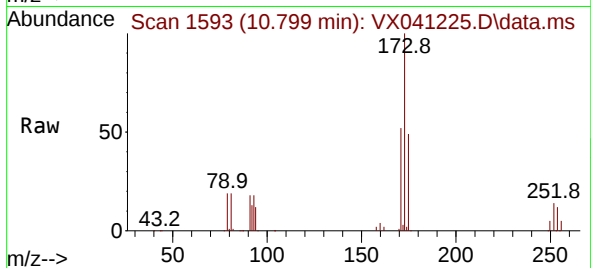
Tgt Ion:173	Resp:	9513
Ion Ratio	Lower	Upper
173	100	
175	48.7	24.1 72.4
254	0.2	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2024

Supervised By :Mahesh Dadoda 04/24/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

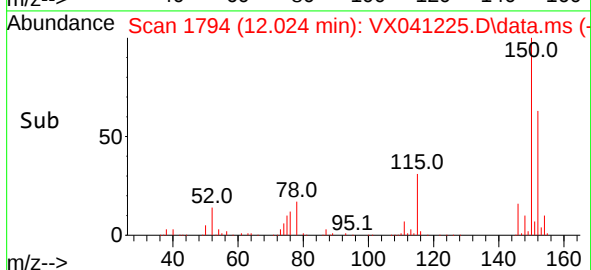
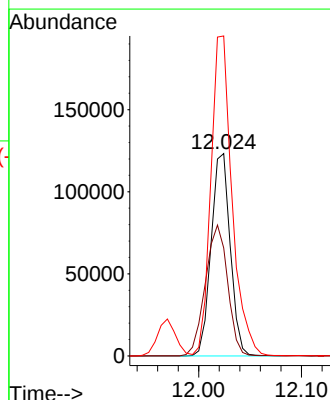
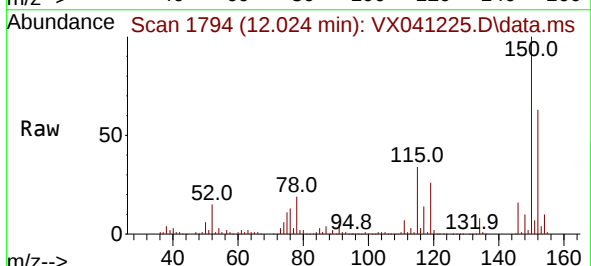
RT: 12.024 min Scan# 1794

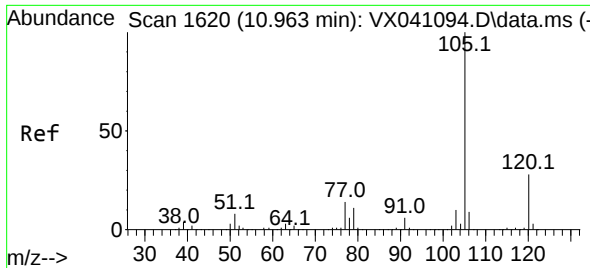
Delta R.T. 0.000 min

Lab File: VX041225.D

Acq: 23 Apr 2024 19:08

Tgt Ion:152	Resp:	159302
Ion Ratio	Lower	Upper
152	100	
115	75.3	43.3 129.9
150	174.7	0.0 345.0





#73
Isopropylbenzene
Concen: 45.955 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX041225.D
Acq: 23 Apr 2024 19:08

Instrument :

MSVOA_X

ClientSampleId :

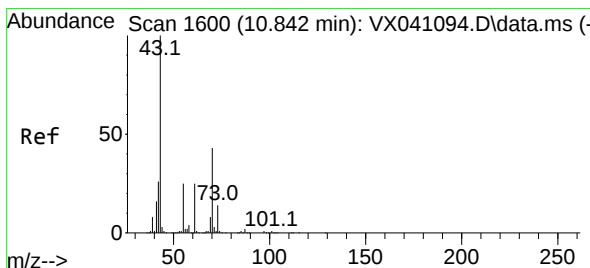
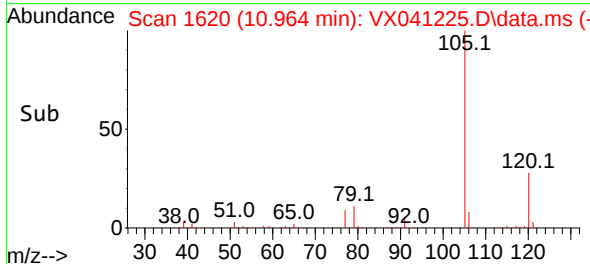
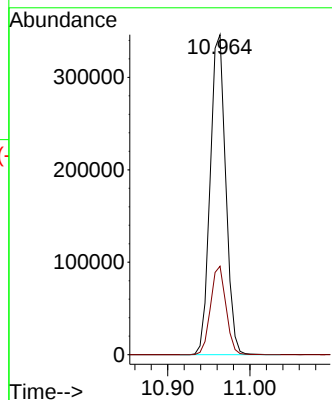
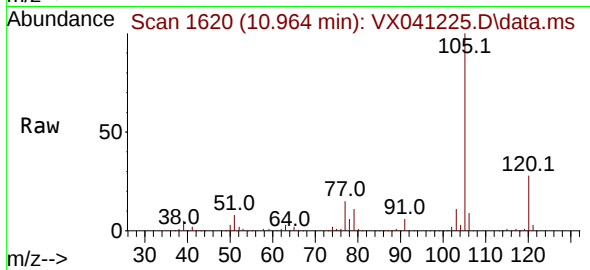
VSTDCCC050EC

Tgt Ion:105 Resp: 455490
Ion Ratio Lower Upper
105 100
120 27.4 12.9 38.6

Manual Integrations

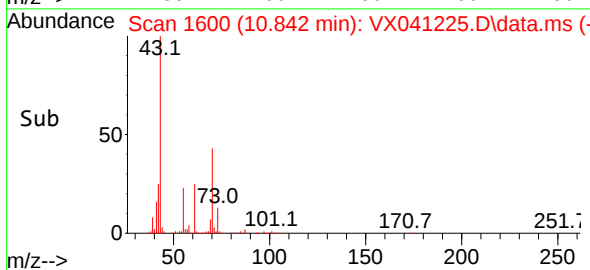
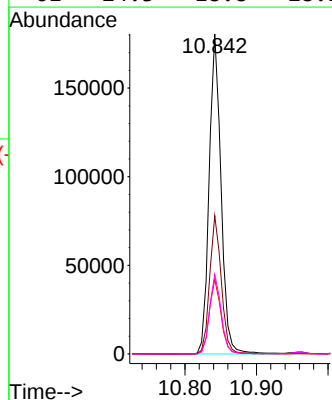
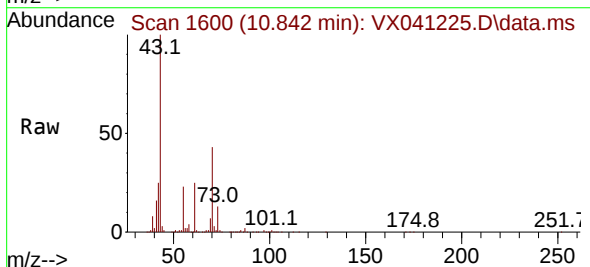
APPROVED

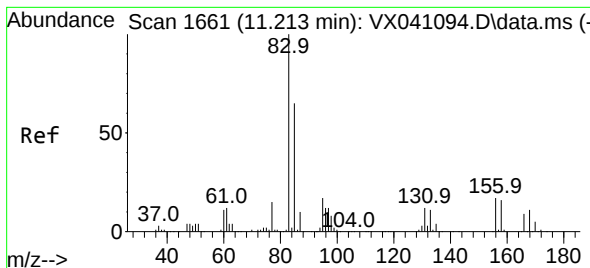
Reviewed By :John Carlone 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024



#74
N-ethyl acetate
Concen: 53.543 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX041225.D
Acq: 23 Apr 2024 19:08

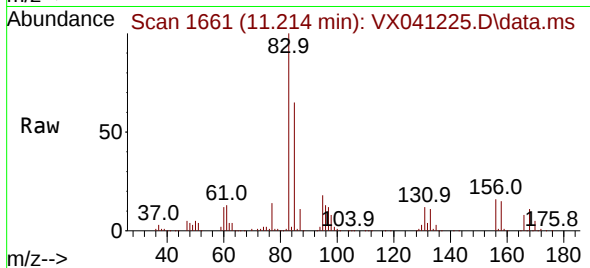
Tgt Ion: 43 Resp: 208575
Ion Ratio Lower Upper
43 100
70 42.6 32.9 49.3
55 23.3 19.3 28.9
61 24.3 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 50.569 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX041225.D
Acq: 23 Apr 2024 19:08

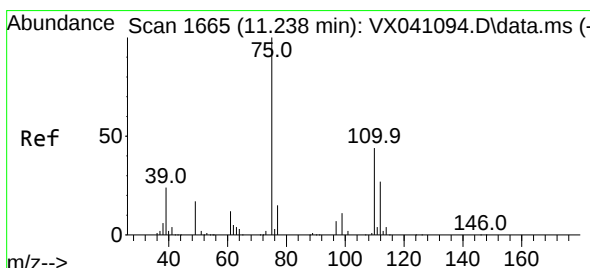
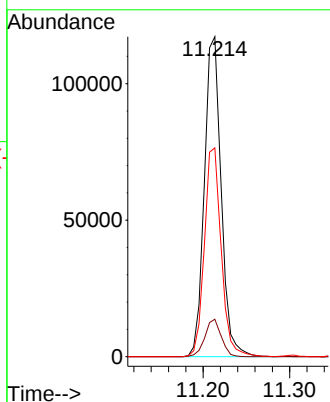
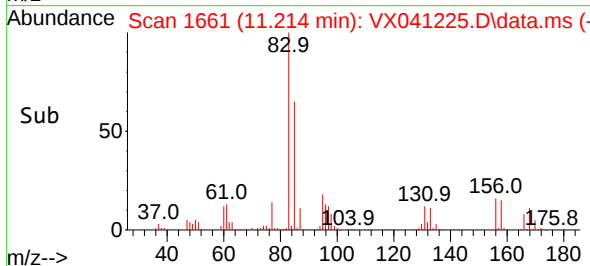
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



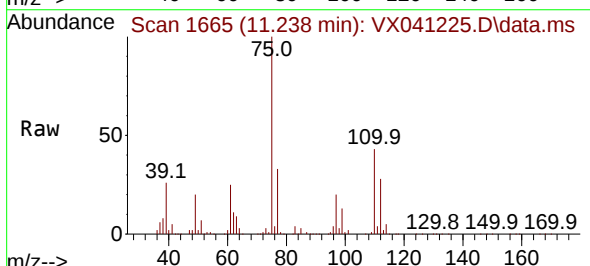
Tgt Ion: 83 Resp: 158070
Ion Ratio Lower Upper
83 100
131 11.4 5.3 15.8
85 65.3 32.0 96.2

Manual Integrations
APPROVED

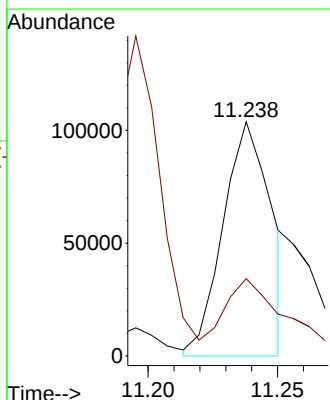
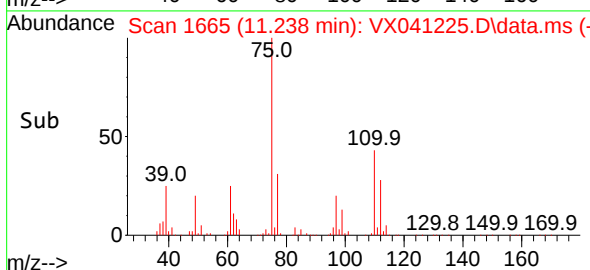
Reviewed By :John Carlone 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024

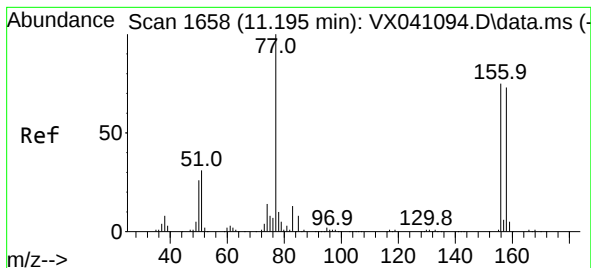


#76
1,2,3-Trichloropropane
Concen: 52.179 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX041225.D
Acq: 23 Apr 2024 19:08



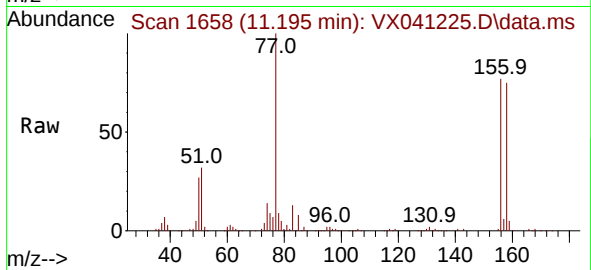
Tgt Ion: 75 Resp: 133926
Ion Ratio Lower Upper
75 100
77 43.0 19.1 57.5





#77
Bromobenzene
Concen: 48.681 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.006 min
Lab File: VX041225.D
Acq: 23 Apr 2024 19:08

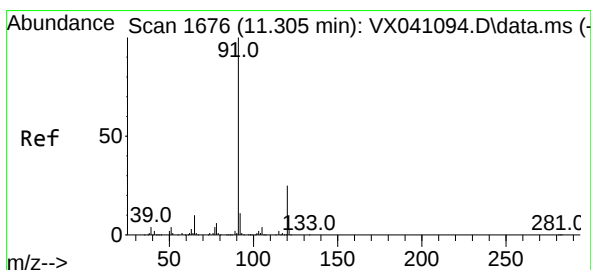
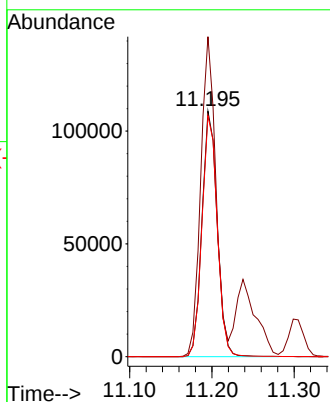
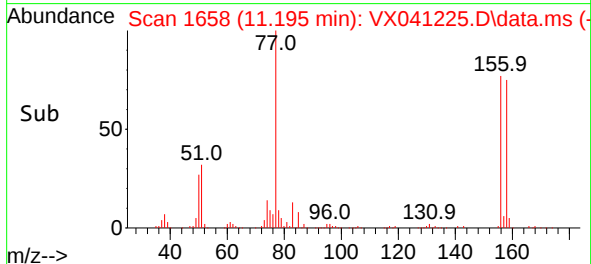
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



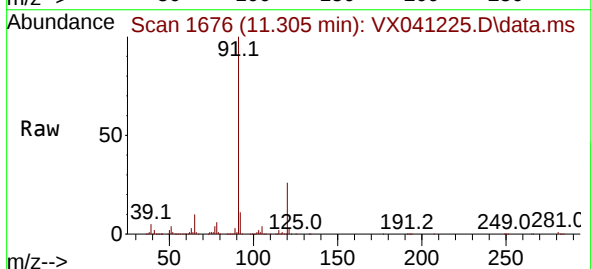
Tgt Ion:156 Resp: 140414
Ion Ratio Lower Upper
156 100
77 128.8 88.4 265.3
158 98.4 48.0 144.0

Manual Integrations
APPROVED

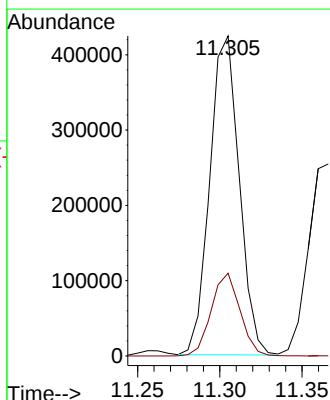
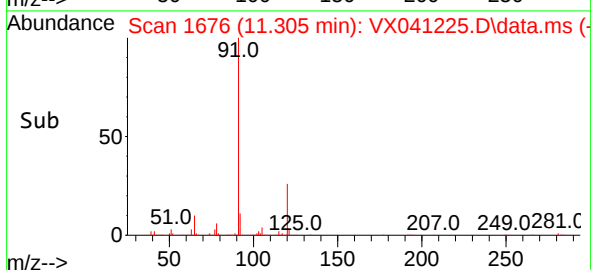
Reviewed By :John Carlone 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024

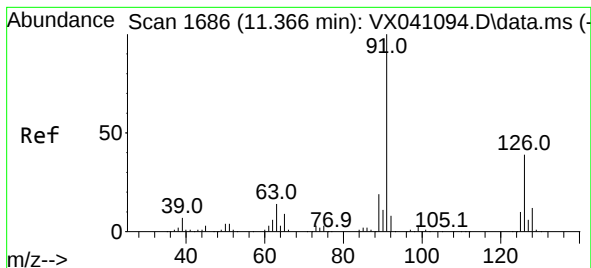


#78
n-propylbenzene
Concen: 49.386 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX041225.D
Acq: 23 Apr 2024 19:08



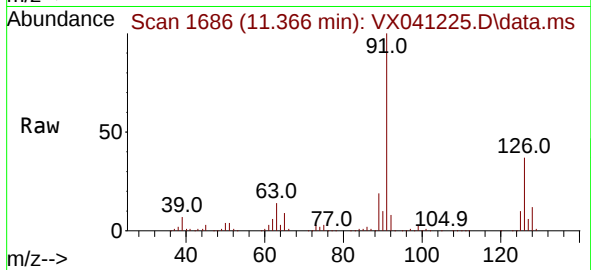
Tgt Ion: 91 Resp: 528552
Ion Ratio Lower Upper
91 100
120 25.3 11.5 34.4





#79
2-Chlorotoluene
Concen: 48.867 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX041225.D
Acq: 23 Apr 2024 19:08

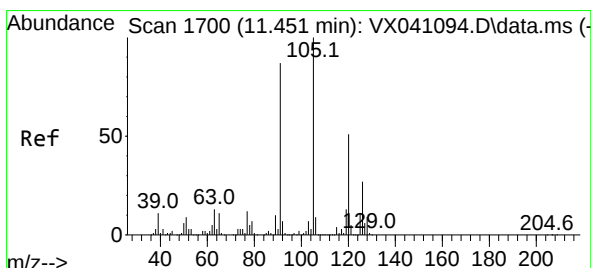
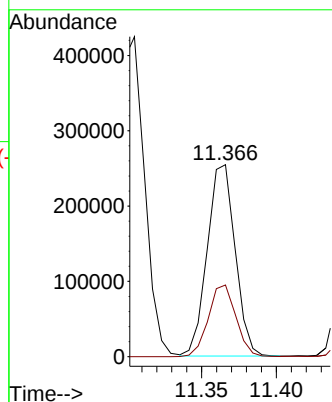
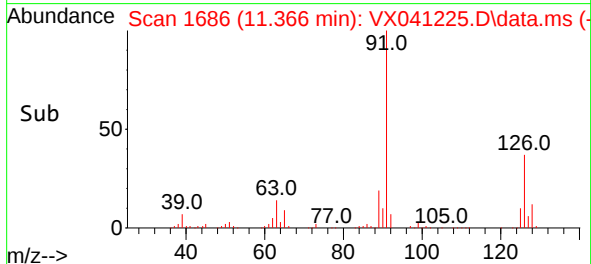
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



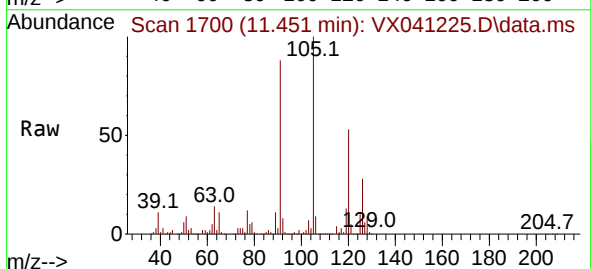
Tgt Ion: 91 Resp: 330958
Ion Ratio Lower Upper
91 100
126 37.0 16.3 48.8

Manual Integrations
APPROVED

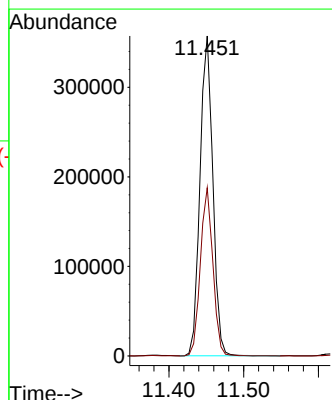
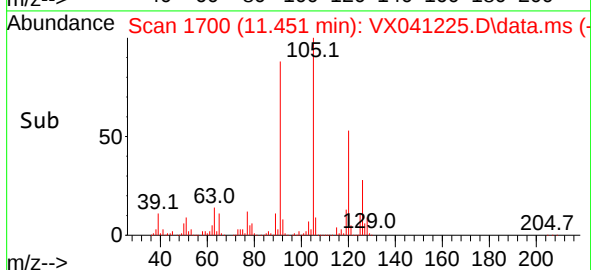
Reviewed By :John Carlone 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024

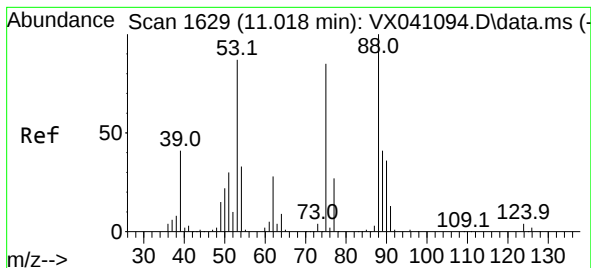


#80
1,3,5-Trimethylbenzene
Concen: 51.600 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX041225.D
Acq: 23 Apr 2024 19:08



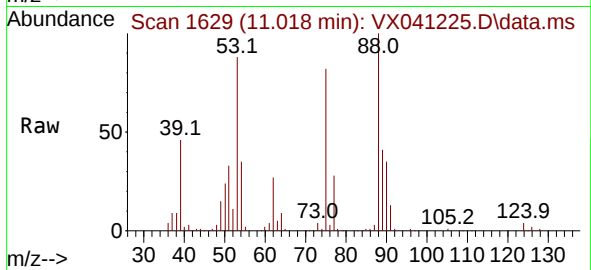
Tgt Ion:105 Resp: 425490
Ion Ratio Lower Upper
105 100
120 51.5 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 48.543 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX041225.D
Acq: 23 Apr 2024 19:08

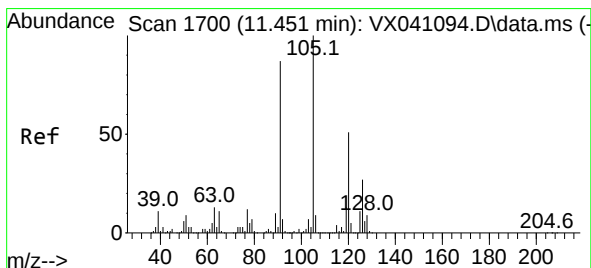
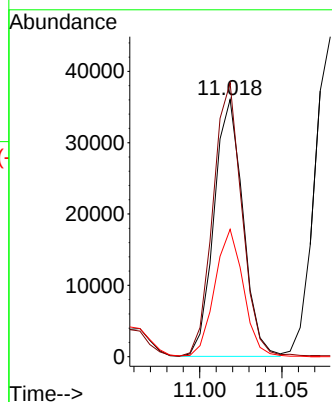
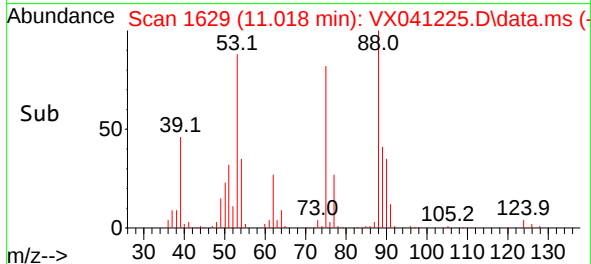
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 4416
Ion Ratio Lower Upper
75 100
53 107.7 90.5 135.7
89 49.1 36.9 55.3

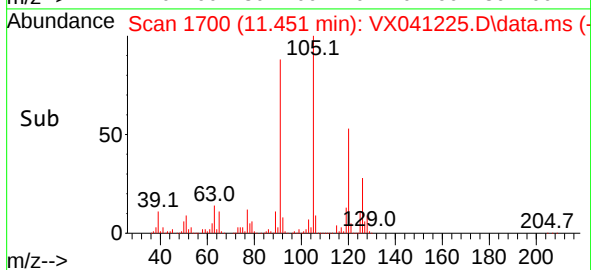
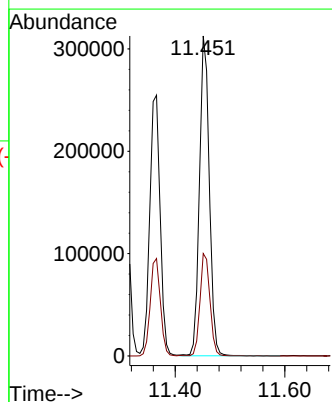
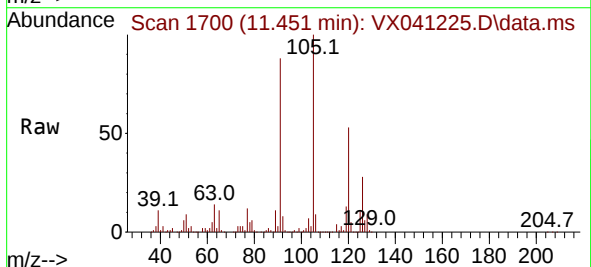
Manual Integrations
APPROVED

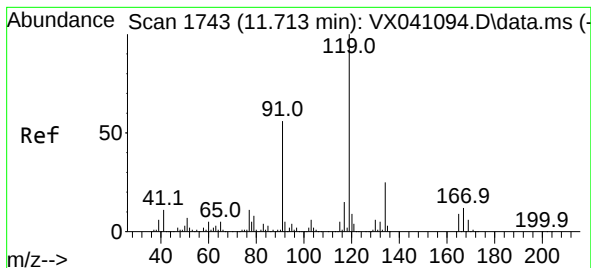
Reviewed By :John Carlone 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024



#82
4-Chlorotoluene
Concen: 51.063 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX041225.D
Acq: 23 Apr 2024 19:08

Tgt Ion: 91 Resp: 391906
Ion Ratio Lower Upper
91 100
126 32.2 14.2 42.6





#83

tert-Butylbenzene

Concen: 51.384 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX041225.D

Acq: 23 Apr 2024 19:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

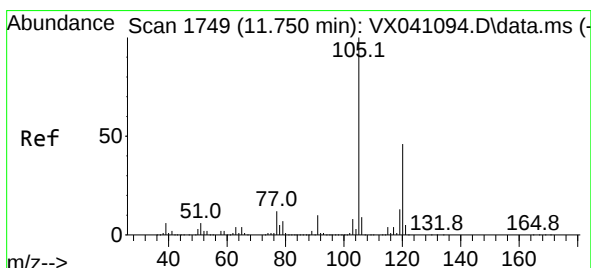
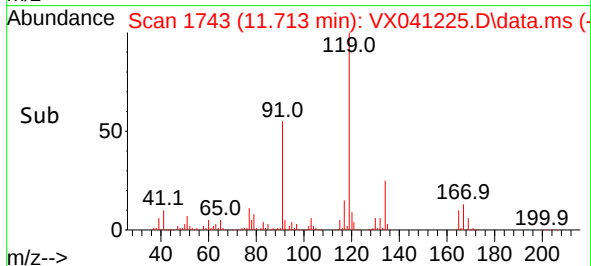
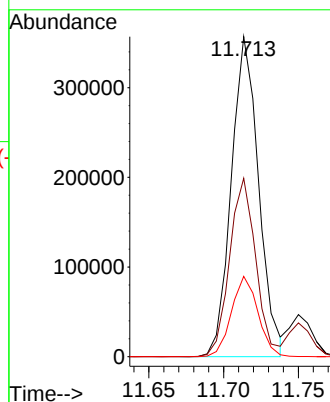
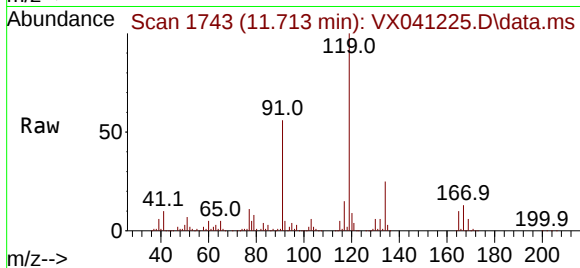
Tgt Ion:	119	Resp:	45373
Ion Ratio	Lower	Upper	
119	100		
91	53.6	31.2	93.6
134	24.4	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2024

Supervised By :Mahesh Dadoda 04/24/2024



#84

1,2,4-Trimethylbenzene

Concen: 52.839 ug/l

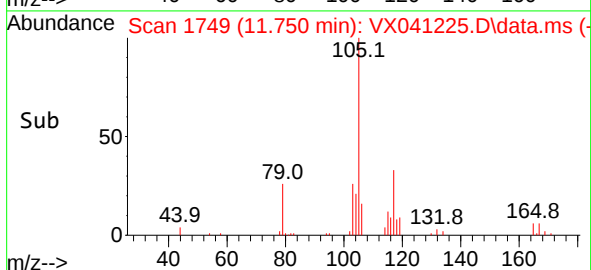
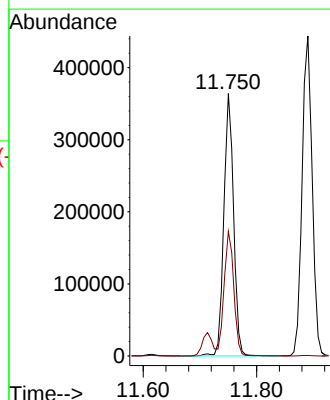
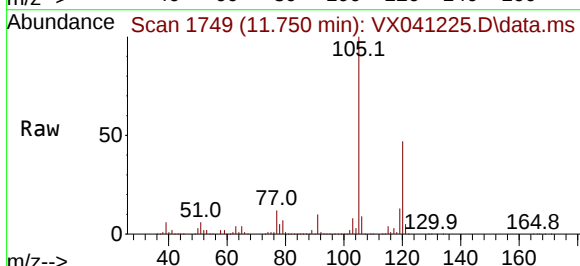
RT: 11.750 min Scan# 1749

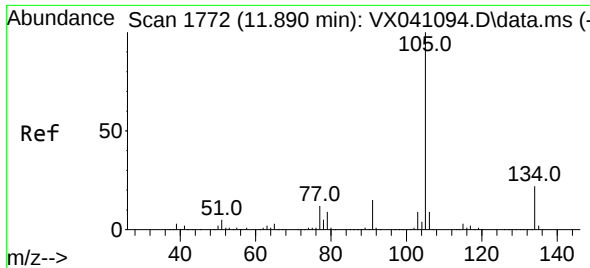
Delta R.T. 0.000 min

Lab File: VX041225.D

Acq: 23 Apr 2024 19:08

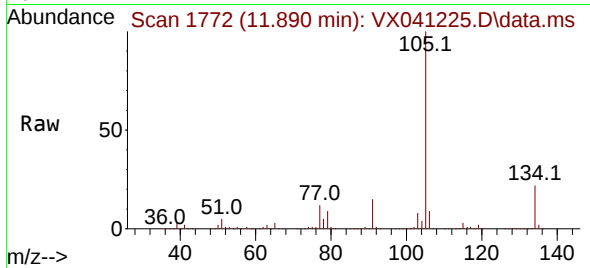
Tgt Ion:	105	Resp:	432456
Ion Ratio	Lower	Upper	
105	100		
120	47.1	21.2	63.6





#85
 sec-Butylbenzene
 Concen: 53.616 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX041225.D
 Acq: 23 Apr 2024 19:08

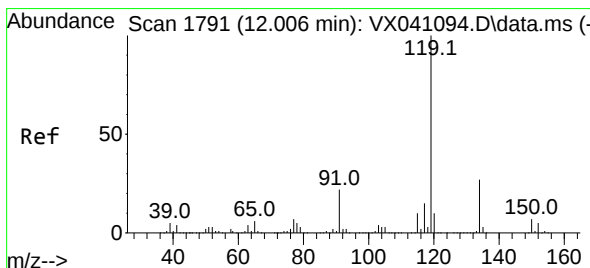
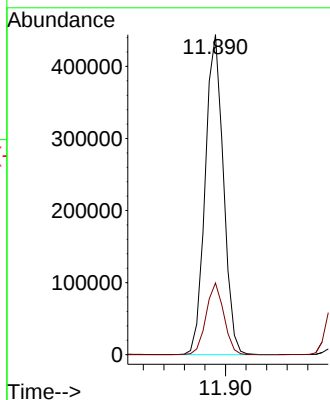
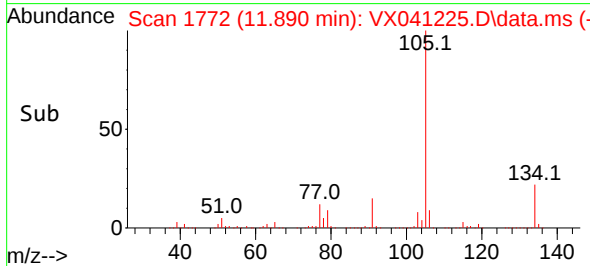
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



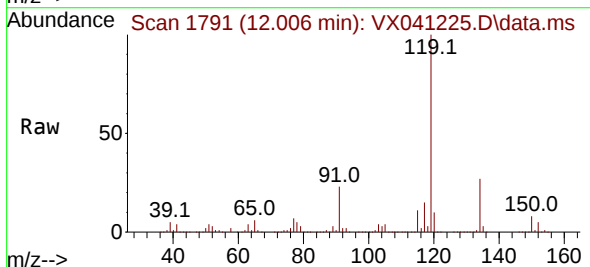
Tgt Ion:105 Resp: 546733
 Ion Ratio Lower Upper
 105 100
 134 21.9 9.8 29.4

Manual Integrations
 APPROVED

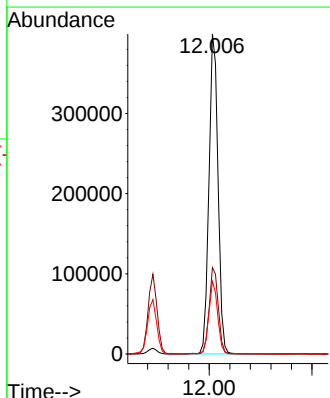
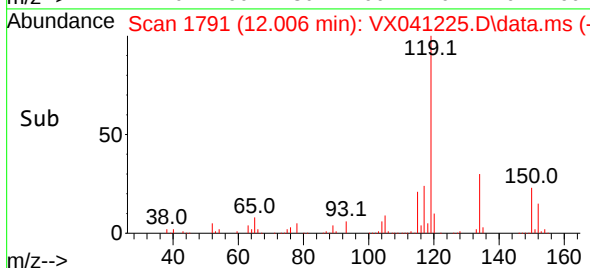
Reviewed By :John Carlone 04/24/2024
 Supervised By :Mahesh Dadoda 04/24/2024

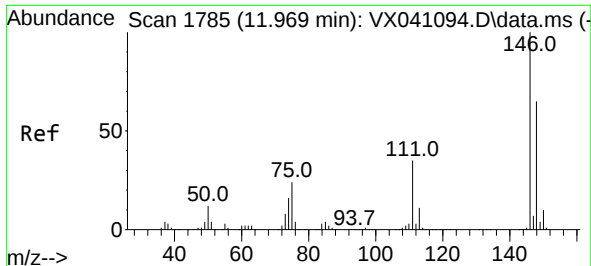


#86
 p-Isopropyltoluene
 Concen: 54.163 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX041225.D
 Acq: 23 Apr 2024 19:08



Tgt Ion:119 Resp: 486713
 Ion Ratio Lower Upper
 119 100
 134 27.1 12.8 38.3
 91 22.0 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 51.511 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX041225.D

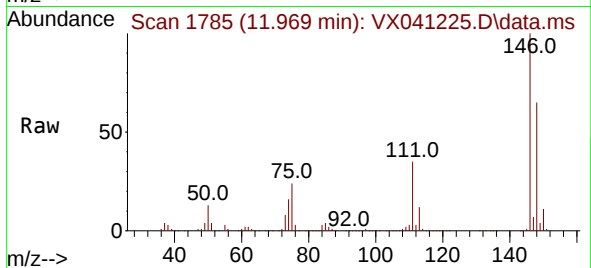
Acq: 23 Apr 2024 19:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion:146 Resp: 266892

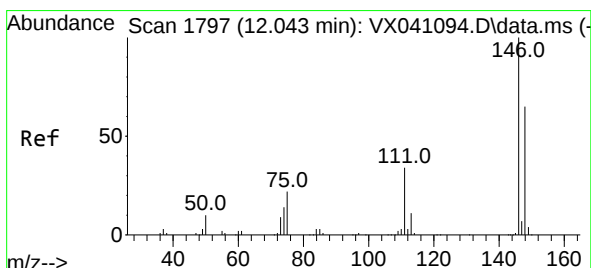
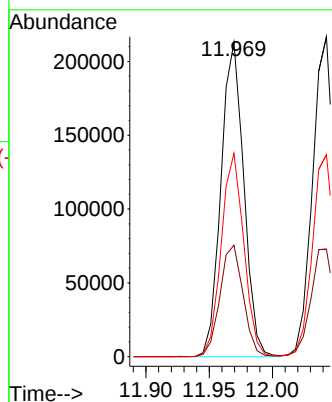
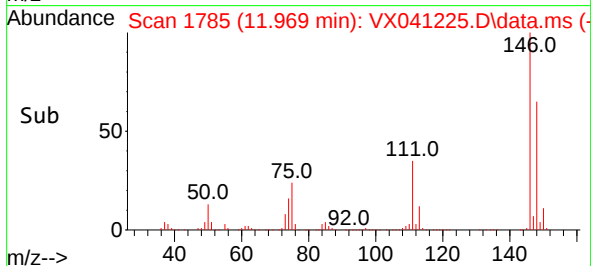
Ion	Ratio	Lower	Upper
146	100		
111	36.1	22.1	66.1
148	64.0	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2024

Supervised By :Mahesh Dadoda 04/24/2024



#88

1,4-Dichlorobenzene

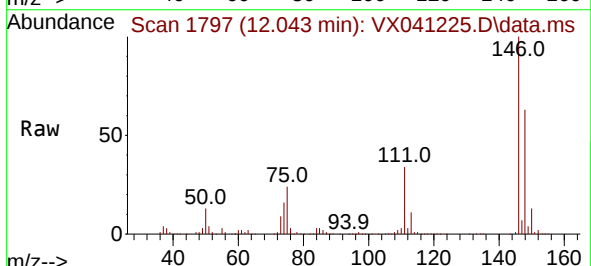
Concen: 50.622 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

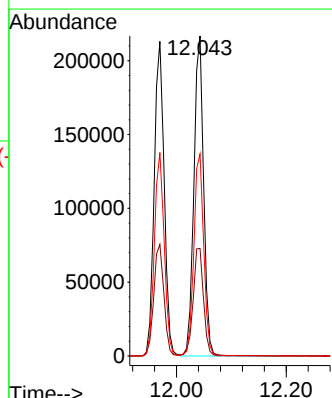
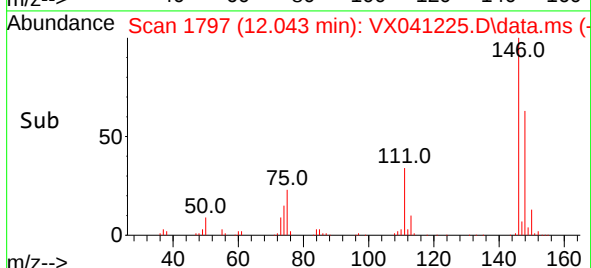
Lab File: VX041225.D

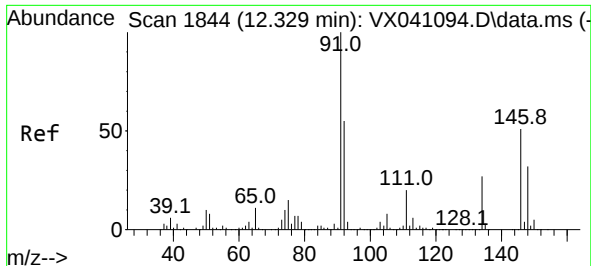
Acq: 23 Apr 2024 19:08



Tgt Ion:146 Resp: 269114

Ion	Ratio	Lower	Upper
146	100		
111	35.5	21.3	63.7
148	63.9	31.8	95.4





#89

n-Butylbenzene

Concen: 56.174 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX041225.D

Acq: 23 Apr 2024 19:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 38327

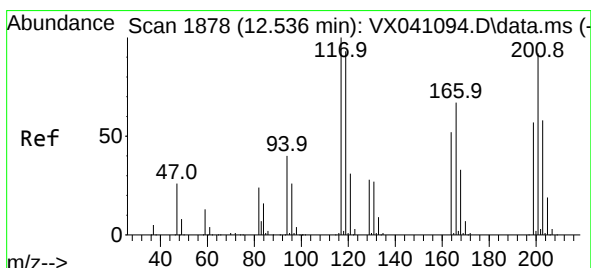
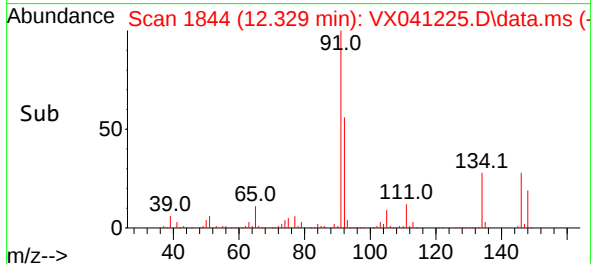
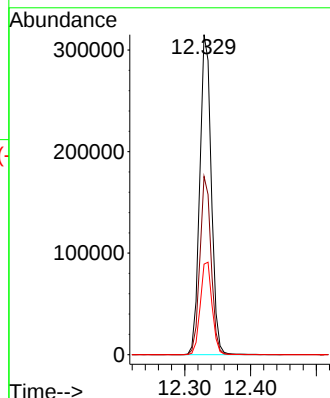
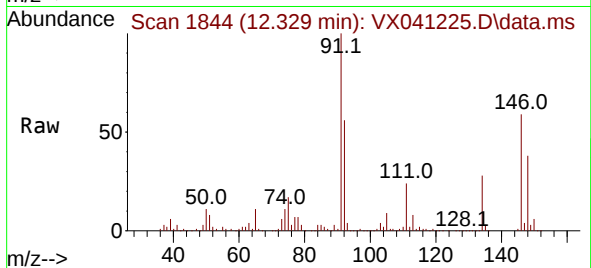
Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.4	82.0
134	29.6	12.6	37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2024

Supervised By :Mahesh Dadoda 04/24/2024



#90

Hexachloroethane

Concen: 55.142 ug/l

RT: 12.536 min Scan# 1878

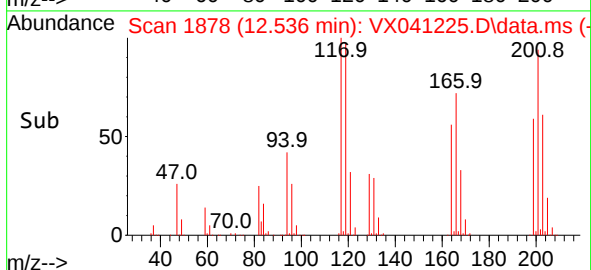
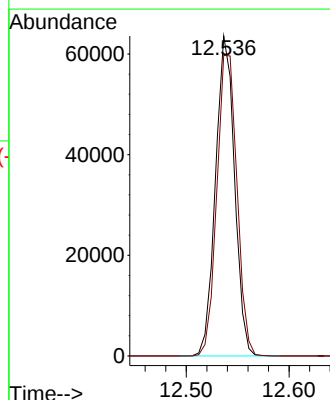
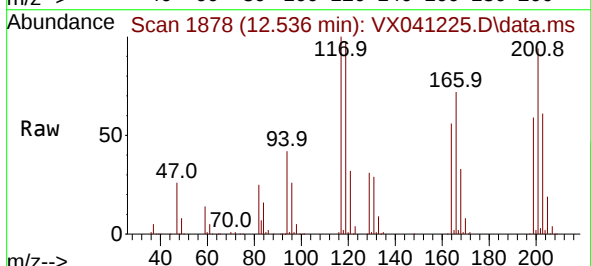
Delta R.T. 0.000 min

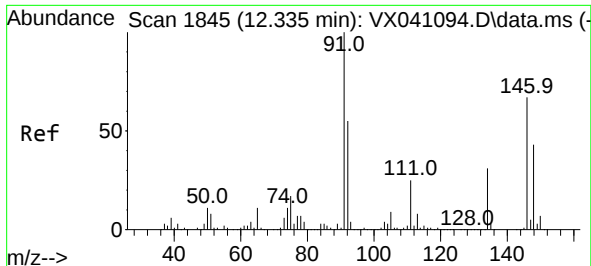
Lab File: VX041225.D

Acq: 23 Apr 2024 19:08

Tgt Ion:117 Resp: 81738

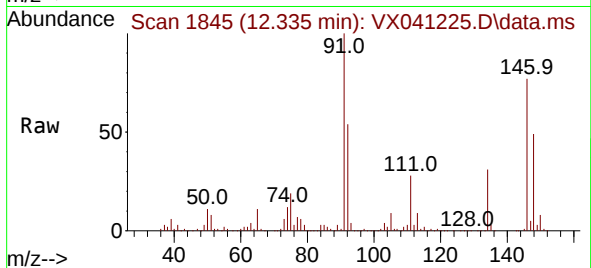
Ion	Ratio	Lower	Upper
117	100		
201	99.4	32.9	98.6





#91
1,2-Dichlorobenzene
Concen: 51.805 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX041225.D
Acq: 23 Apr 2024 19:08

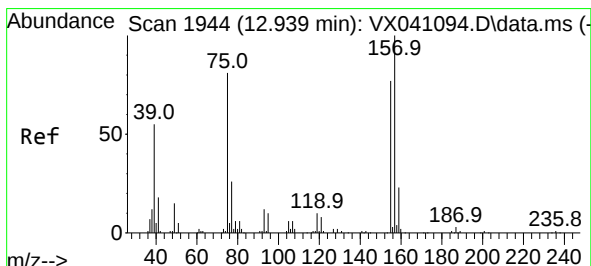
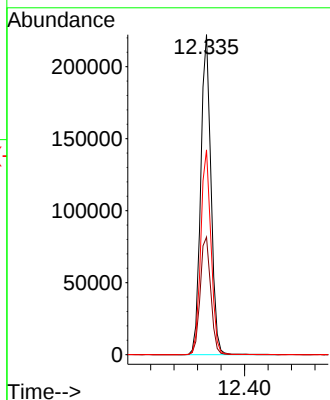
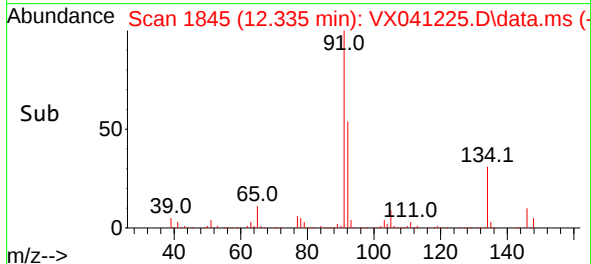
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



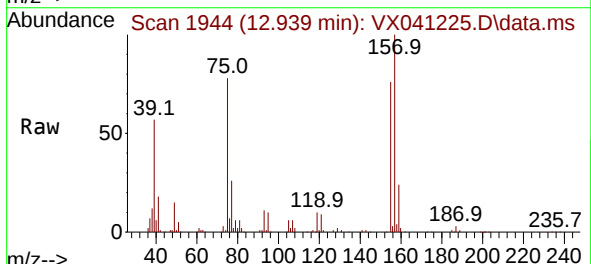
Tgt Ion:146 Resp: 26884
Ion Ratio Lower Upper
146 100
111 38.0 22.4 67.0
148 64.2 31.6 95.0

Manual Integrations
APPROVED

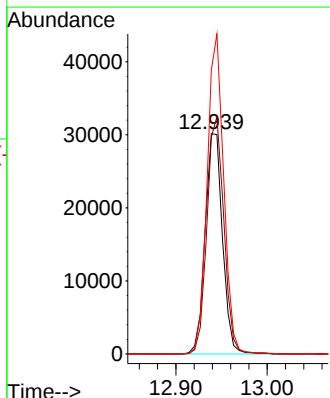
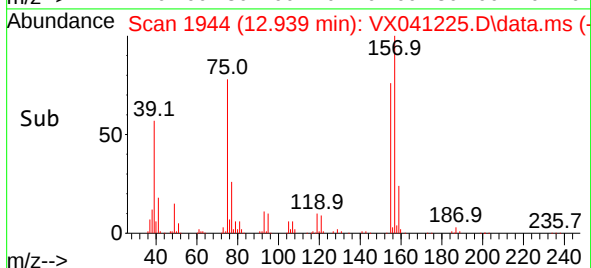
Reviewed By :John Carlone 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024

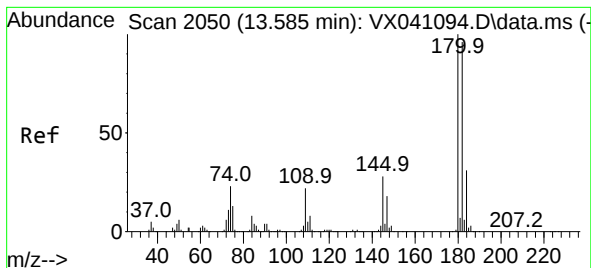


#92
1,2-Dibromo-3-Chloropropane
Concen: 60.760 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX041225.D
Acq: 23 Apr 2024 19:08



Tgt Ion: 75 Resp: 39851
Ion Ratio Lower Upper
75 100
155 104.6 36.1 108.5
157 138.0 44.9 134.7#





#93

1,2,4-Trichlorobenzene

Concen: 53.093 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX041225.D

Acq: 23 Apr 2024 19:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

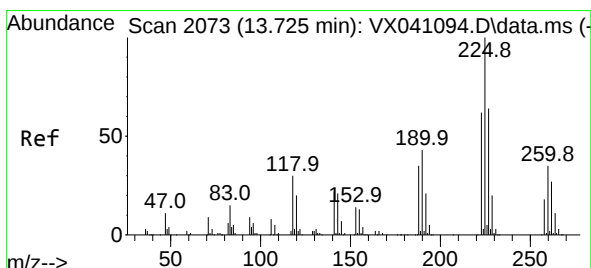
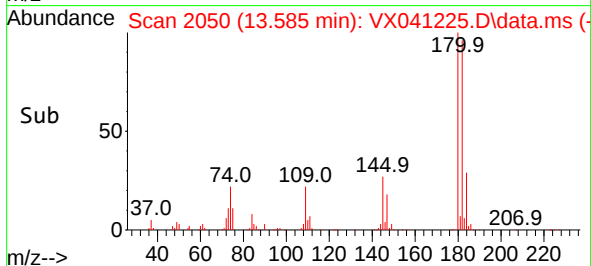
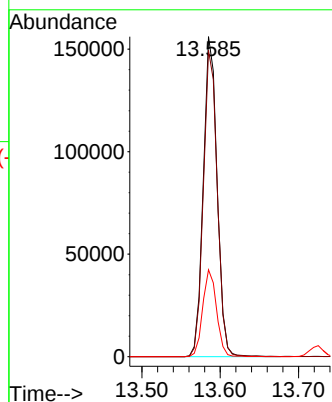
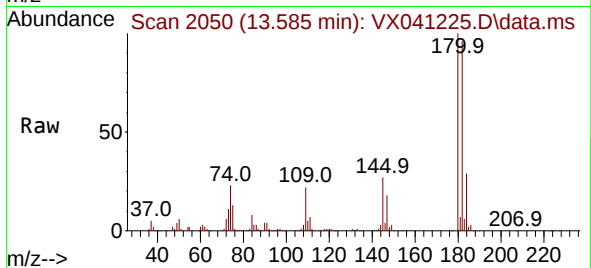
Tgt Ion:180	Resp: 19103
Ion Ratio	Lower Upper
180	100
182	96.4 48.3 144.8
145	27.2 18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2024

Supervised By :Mahesh Dadoda 04/24/2024



#94

Hexachlorobutadiene

Concen: 51.807 ug/l

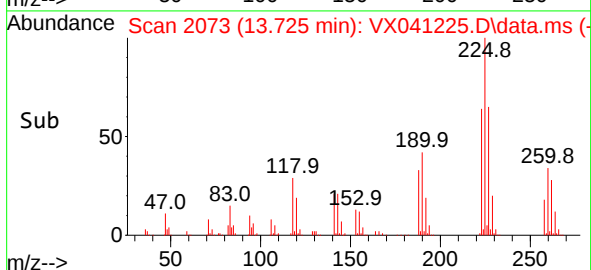
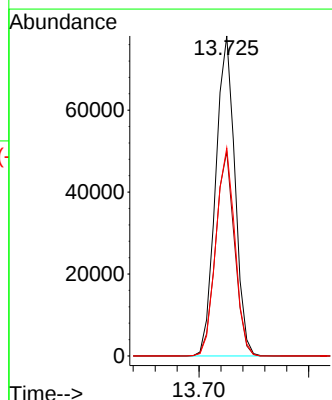
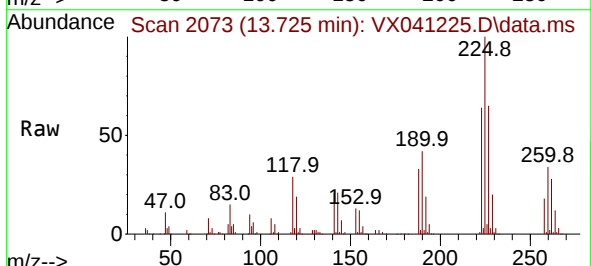
RT: 13.725 min Scan# 2073

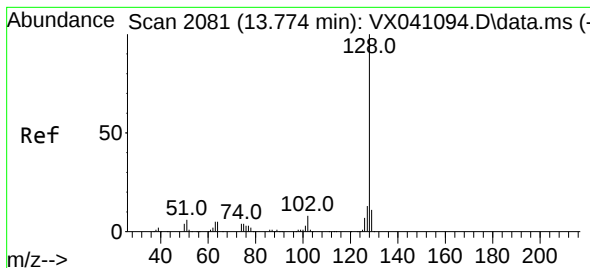
Delta R.T. 0.000 min

Lab File: VX041225.D

Acq: 23 Apr 2024 19:08

Tgt Ion:225	Resp: 95238
Ion Ratio	Lower Upper
225	100
223	62.7 31.1 93.2
227	64.3 32.5 97.5





#95

Naphthalene

Concen: 55.880 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX041225.D

Acq: 23 Apr 2024 19:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

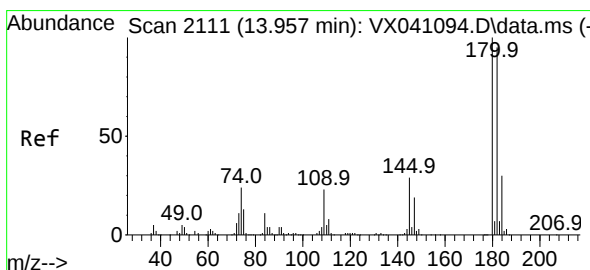
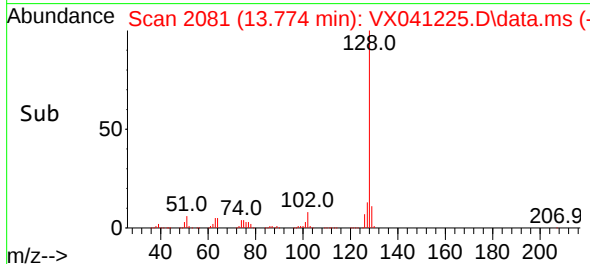
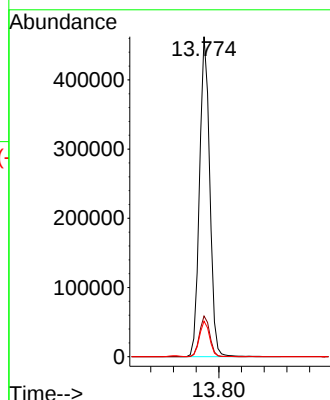
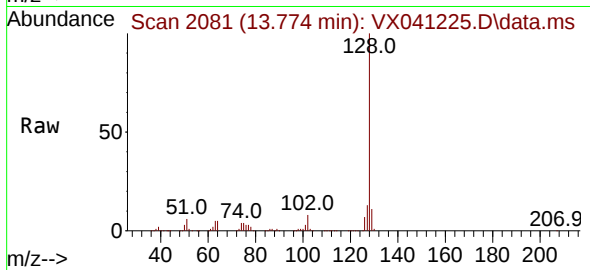
Tgt Ion:	128	Resp:	57769
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.3	15.5
129	11.0	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2024

Supervised By :Mahesh Dadoda 04/24/2024



#96

1,2,3-Trichlorobenzene

Concen: 51.776 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX041225.D

Acq: 23 Apr 2024 19:08

Tgt Ion:	180	Resp:	196230
Ion Ratio	Lower	Upper	
180	100		
182	94.9	46.9	140.6
145	29.5	17.8	53.5

