

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041624\
 Data File : VX041117.D
 Acq On : 16 Apr 2024 19:57
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/17/2024
 Supervised By : Mahesh Dadoda 04/17/2024

Quant Time: Apr 17 02:15:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 02:04:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	187532	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	266420	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	251006	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	146143	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	104445	51.586	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.180%			
35) Dibromofluoromethane	5.391	113	87914	49.397	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.800%			
50) Toluene-d8	8.647	98	305757	49.047	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.100%			
62) 4-Bromofluorobenzene	11.079	95	117669	49.724	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.440%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	68512	46.060	ug/l	97
3) Chloromethane	1.301	50	77584	46.932	ug/l	97
4) Vinyl Chloride	1.374	62	93492	49.343	ug/l	100
5) Bromomethane	1.599	94	60913	51.279	ug/l	99
6) Chloroethane	1.685	64	63214	50.546	ug/l	97
7) Trichlorofluoromethane	1.886	101	157316	52.897	ug/l	99
8) Diethyl Ether	2.136	74	62315	53.394	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.331	101	83935	48.550	ug/l	# 87
10) Methyl Iodide	2.453	142	106054	58.394	ug/l	91
11) Tert butyl alcohol	2.959	59	99068	250.112	ug/l	# 91
12) 1,1-Dichloroethene	2.319	96	81469	49.222	ug/l	86
13) Acrolein	2.233	56	121635	244.178	ug/l	98
14) Allyl chloride	2.666	41	137142	51.233	ug/l	96
15) Acrylonitrile	3.062	53	259218	264.316	ug/l	99
16) Acetone	2.380	43	201580	236.868	ug/l	96
17) Carbon Disulfide	2.514	76	172106	45.681	ug/l	98
18) Methyl Acetate	2.703	43	116449	54.810	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	280844	54.897	ug/l	98
20) Methylene Chloride	2.788	84	89249	49.148	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	84022	49.489	ug/l	87
22) Diisopropyl ether	3.757	45	282844	55.174	ug/l	98
23) Vinyl Acetate	3.721	43	1298663	279.529	ug/l	96
24) 1,1-Dichloroethane	3.611	63	154500	51.475	ug/l	97
25) 2-Butanone	4.550	43	355726	266.040	ug/l	98
26) 2,2-Dichloropropane	4.477	77	109776	46.078	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	105542	51.456	ug/l	89
28) Bromochloromethane	4.897	49	58798	50.468	ug/l	# 75
29) Tetrahydrofuran	5.001	42	241080	272.345	ug/l	95
30) Chloroform	5.093	83	172577	52.914	ug/l	99
31) Cyclohexane	5.471	56	120451	48.025	ug/l	92
32) 1,1,1-Trichloroethane	5.379	97	149615	52.272	ug/l	98
36) 1,1-Dichloropropene	5.690	75	107739	47.816	ug/l	96
37) Ethyl Acetate	4.715	43	141969	52.761	ug/l	99
38) Carbon Tetrachloride	5.678	117	133023	50.915	ug/l	98
39) Methylcyclohexane	7.379	83	133771	47.315	ug/l	93
40) Benzene	6.038	78	344352	50.065	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	78745	55.841	ug/l	95
42) 1,2-Dichloroethane	6.086	62	129245	52.440	ug/l	94
43) Isopropyl Acetate	6.342	43	213621	53.462	ug/l	98
44) Trichloroethene	7.123	130	97757	47.853	ug/l	89
45) 1,2-Dichloropropane	7.428	63	83987	51.425	ug/l	100
46) Dibromomethane	7.580	93	67468	52.540	ug/l #	78
47) Bromodichloromethane	7.818	83	133977	53.601	ug/l	97
48) Methyl methacrylate	7.690	41	107344	55.038	ug/l	94
49) 1,4-Dioxane	7.653	88	49758	1091.772	ug/l #	88
51) 4-Methyl-2-Pentanone	8.574	43	736980	271.505	ug/l	98
52) Toluene	8.714	92	223856	49.858	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	126422	52.733	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	138337	52.523	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	94431	52.382	ug/l	96
56) Ethyl methacrylate	9.116	69	149125	51.198	ug/l	95
57) 1,3-Dichloropropane	9.305	76	152808	52.019	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	346718	273.471	ug/l	92
59) 2-Hexanone	9.427	43	572789	272.782	ug/l	97
60) Dibromochloromethane	9.519	129	118084	54.153	ug/l	99
61) 1,2-Dibromoethane	9.610	107	100395	50.983	ug/l	99
64) Tetrachloroethene	9.275	164	97205	48.730	ug/l	89
65) Chlorobenzene	10.079	112	266106	48.026	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	98161	51.787	ug/l	98
67) Ethyl Benzene	10.195	91	432709	50.046	ug/l	97
68) m/p-Xylenes	10.299	106	341945	99.430	ug/l	93
69) o-Xylene	10.640	106	168070	50.205	ug/l	93
70) Styrene	10.653	104	292339	51.428	ug/l	95
71) Bromoform	10.799	173	96746	54.190	ug/l #	98
73) Isopropylbenzene	10.963	105	436615	50.648	ug/l	97
74) N-amyl acetate	10.842	43	188485	55.117	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	145199	51.330	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	121913m	51.190	ug/l	
77) Bromobenzene	11.195	156	126638	50.038	ug/l	78
78) n-propylbenzene	11.305	91	489613	50.647	ug/l	96
79) 2-Chlorotoluene	11.366	91	294689	50.004	ug/l	91
80) 1,3,5-Trimethylbenzene	11.451	105	364075	50.700	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	43063	46.909	ug/l	93
82) 4-Chlorotoluene	11.451	91	344312	50.178	ug/l	92
83) tert-Butylbenzene	11.713	119	385923	50.390	ug/l	91
84) 1,2,4-Trimethylbenzene	11.750	105	366531	51.144	ug/l	93
85) sec-Butylbenzene	11.890	105	460974	50.163	ug/l	95
86) p-Isopropyltoluene	12.006	119	414288	50.798	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	229510	48.071	ug/l	94
88) 1,4-Dichlorobenzene	12.043	146	234083	46.490	ug/l	95
89) n-Butylbenzene	12.329	91	344557	49.798	ug/l	97
90) Hexachloroethane	12.536	117	70473	51.029	ug/l #	57
91) 1,2-Dichlorobenzene	12.335	146	230168	48.581	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.939	75	33166	54.056	ug/l #	55
93) 1,2,4-Trichlorobenzene	13.585	180	173099	48.613	ug/l	95
94) Hexachlorobutadiene	13.725	225	80381	47.353	ug/l	99
95) Naphthalene	13.774	128	510168	53.046	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	173806	49.158	ug/l	94

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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

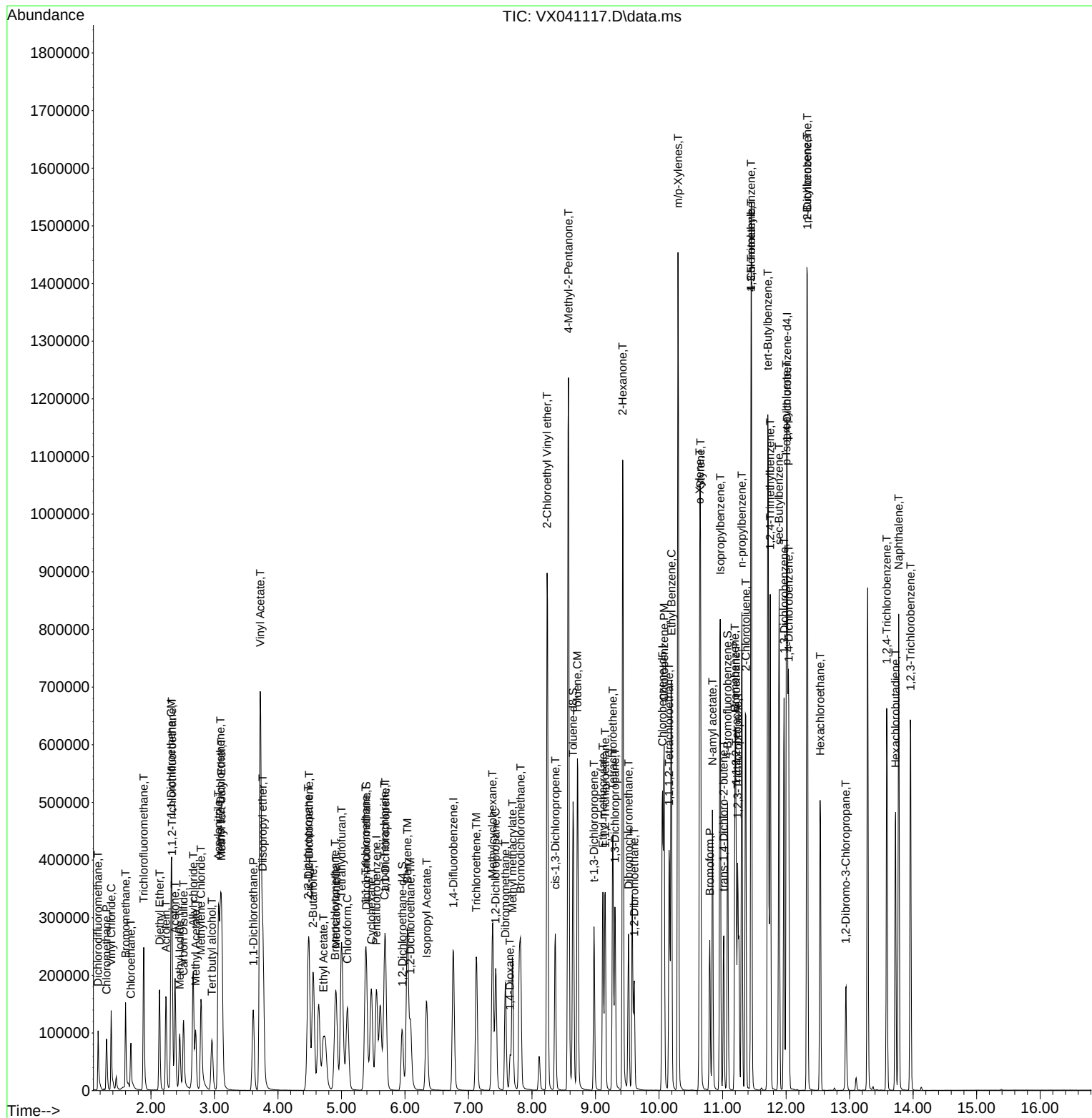
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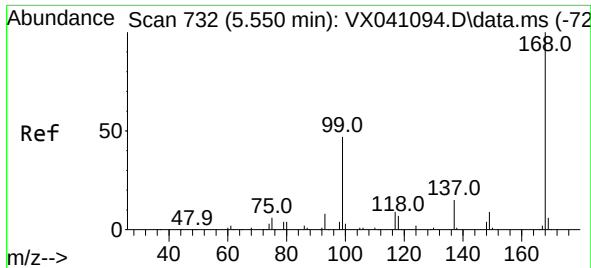
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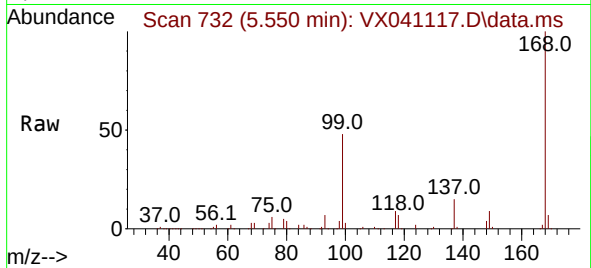
Reviewed By : John Carlone 04/17/2024
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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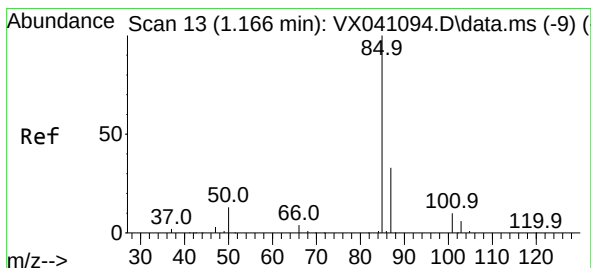
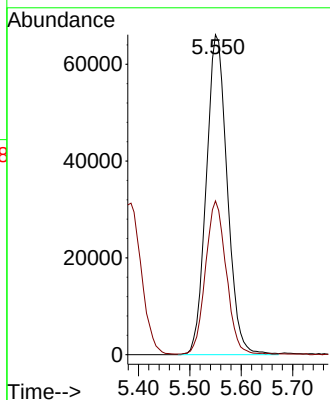
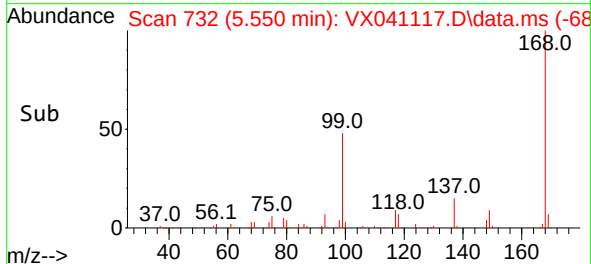
Instrument :
MSVOA_X
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Tgt Ion:168 Resp: 187532
Ion Ratio Lower Upper
168 100
99 47.9 56.6 85.0

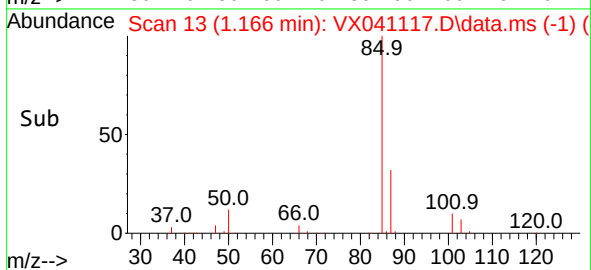
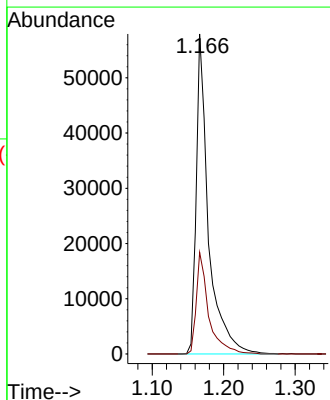
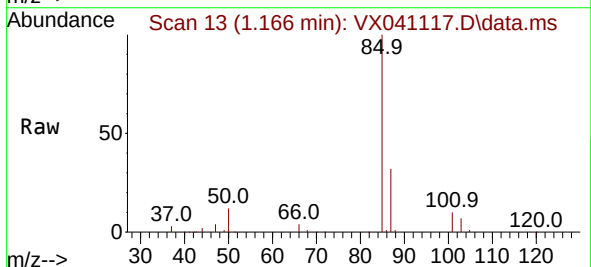
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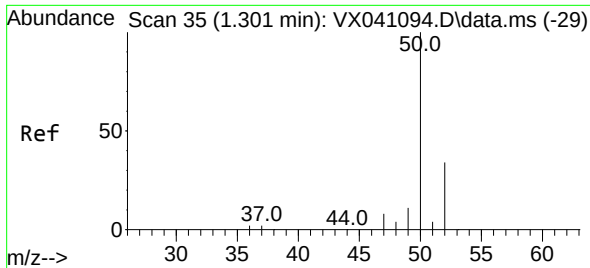
Reviewed By :John Carlone 04/17/2024
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#2
Dichlorodifluoromethane
Concen: 46.060 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57

Tgt Ion: 85 Resp: 68512
Ion Ratio Lower Upper
85 100
87 31.8 16.7 50.1





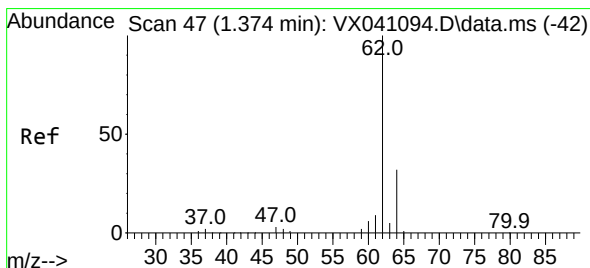
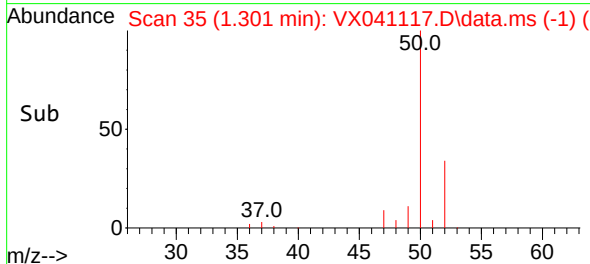
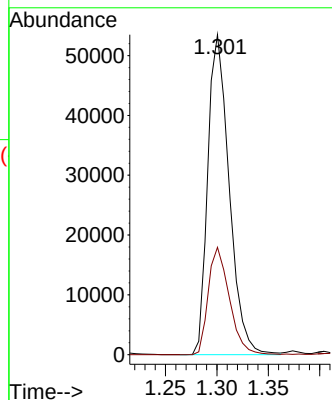
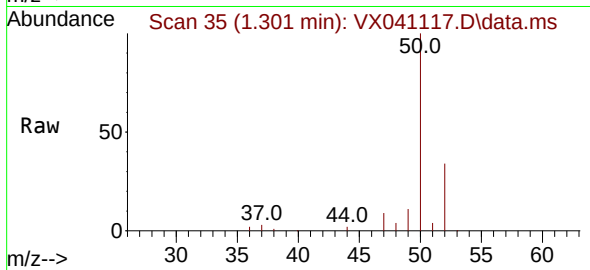
#3
Chloromethane
Concen: 46.932 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57

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Tgt Ion: 50 Resp: 77584
Ion Ratio Lower Upper
50 100
52 33.6 25.5 38.3

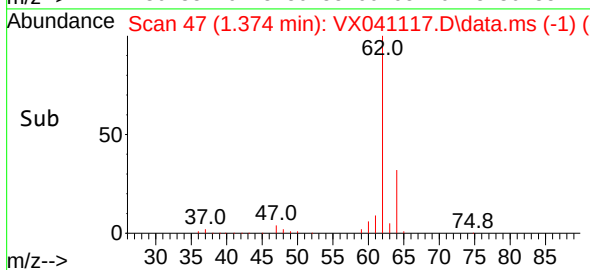
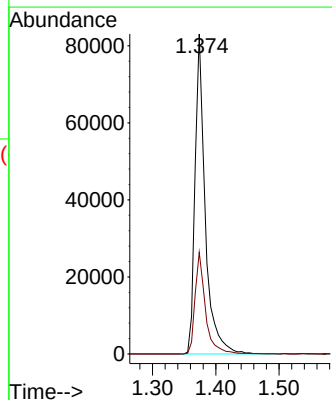
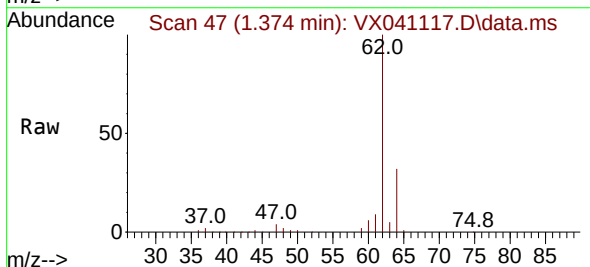
Manual Integrations
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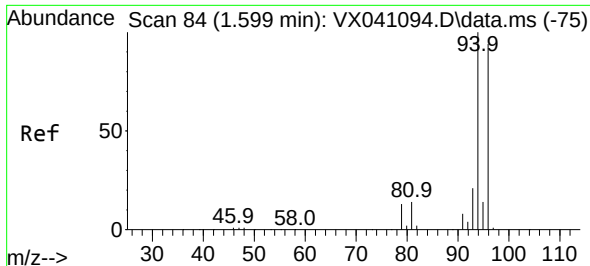
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#4
Vinyl Chloride
Concen: 49.343 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57

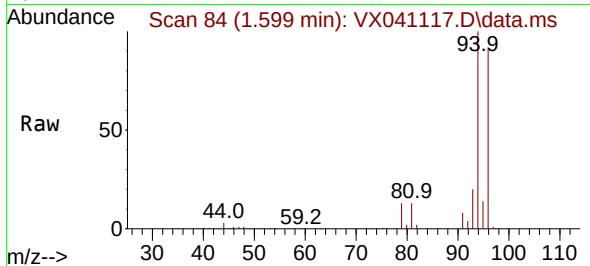
Tgt Ion: 62 Resp: 93492
Ion Ratio Lower Upper
62 100
64 31.7 25.4 38.0





#5
Bromomethane
Concen: 51.279 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041117.D
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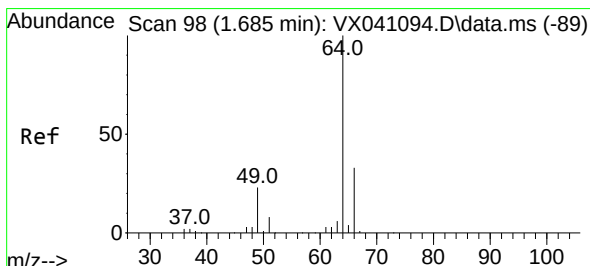
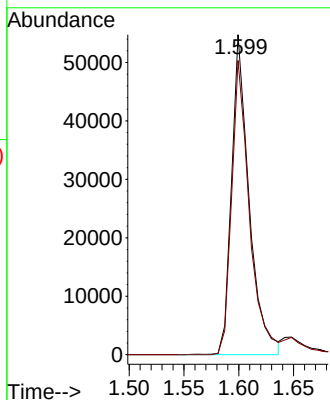
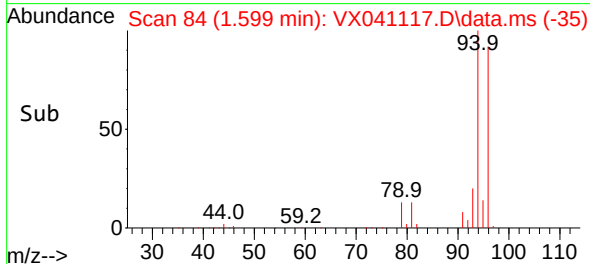
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Tgt Ion: 94 Resp: 6091
Ion Ratio Lower Upper
94 100
96 91.9 74.6 111.8

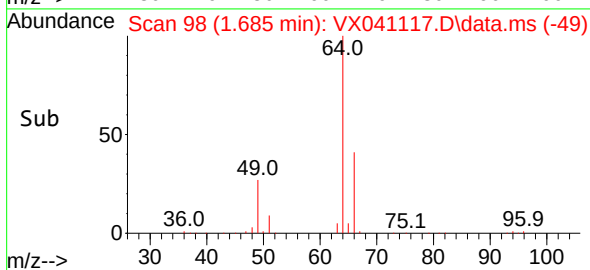
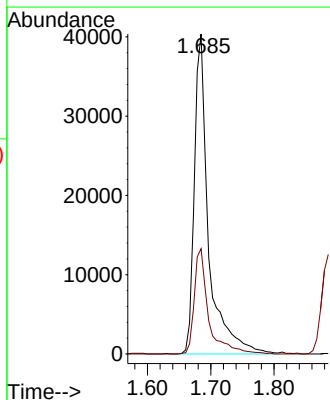
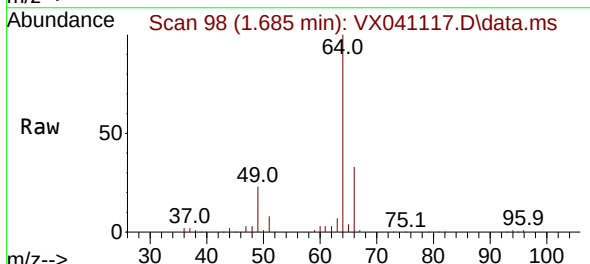
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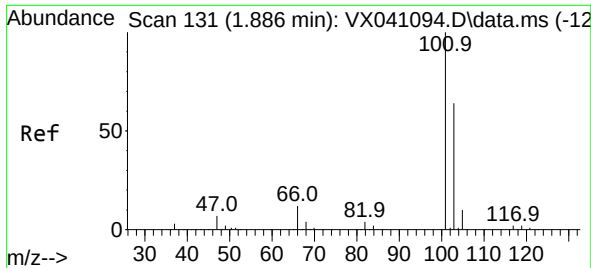
Reviewed By :John Carlone 04/17/2024
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#6
Chloroethane
Concen: 50.546 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX041117.D
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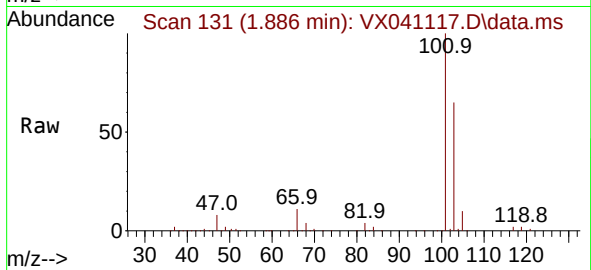
Tgt Ion: 64 Resp: 63214
Ion Ratio Lower Upper
64 100
66 32.9 25.1 37.7





#7
Trichlorofluoromethane
Concen: 52.897 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57

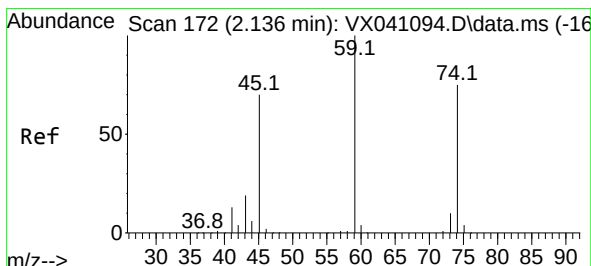
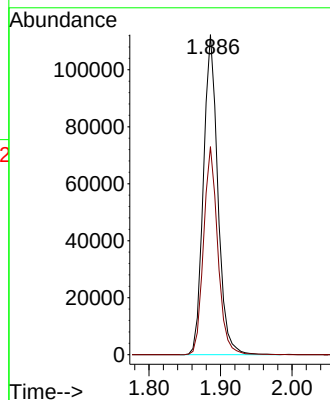
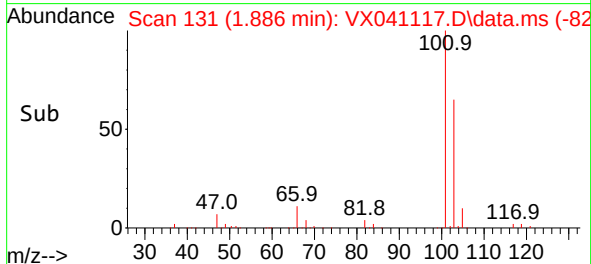
Instrument :
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Tgt Ion:101 Resp: 157310
Ion Ratio Lower Upper
101 100
103 65.0 51.4 77.2

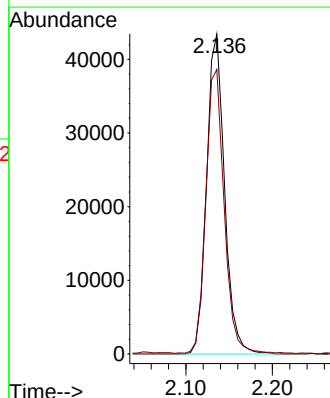
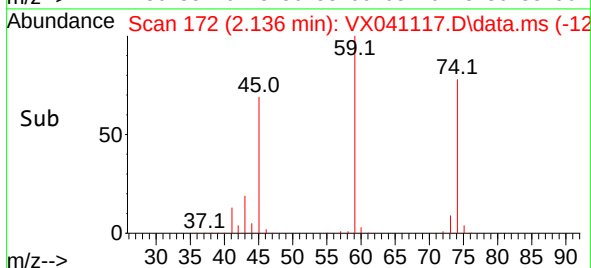
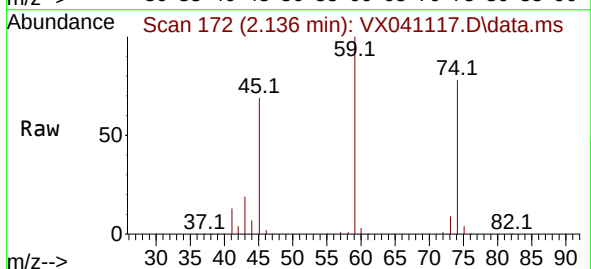
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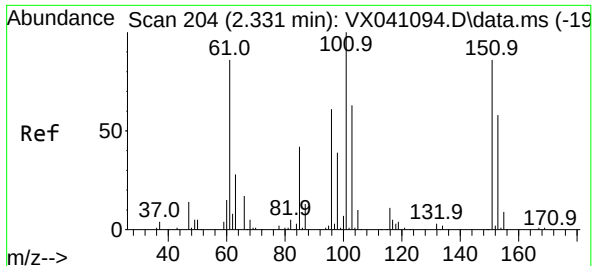
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#8
Diethyl Ether
Concen: 53.394 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
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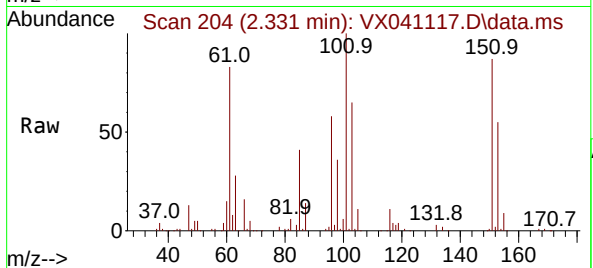
Tgt Ion: 74 Resp: 62315
Ion Ratio Lower Upper
74 100
45 91.1 53.3 159.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.550 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57

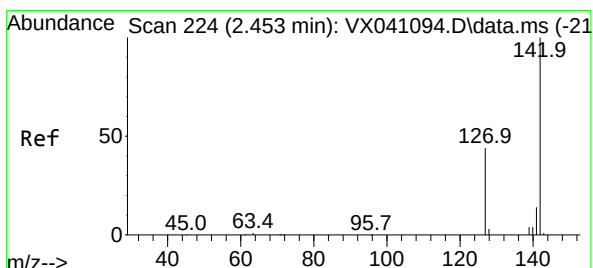
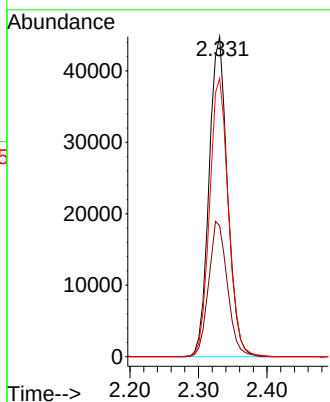
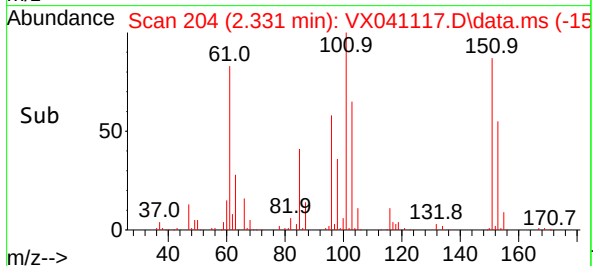
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 83935
Ion Ratio Lower Upper
101 100
85 42.9 37.0 55.6
151 88.4 58.6 87.8

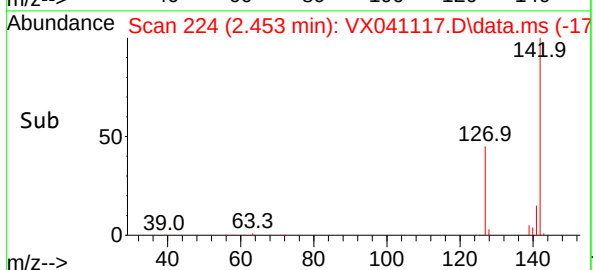
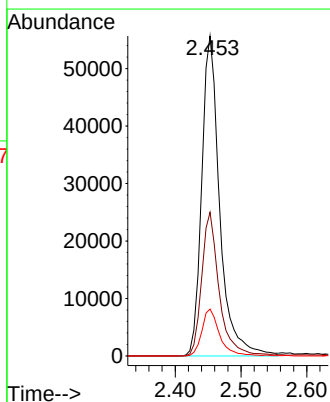
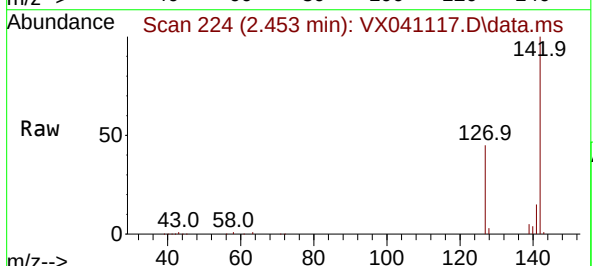
Manual Integrations
APPROVED

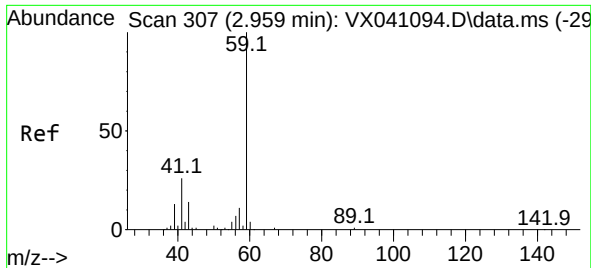
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#10
Methyl Iodide
Concen: 58.394 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57

Tgt Ion:142 Resp: 106054
Ion Ratio Lower Upper
142 100
127 43.7 41.6 62.4
141 14.5 11.6 17.4





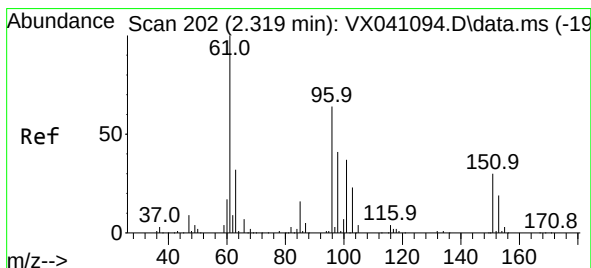
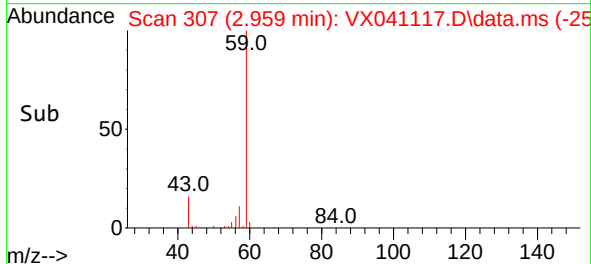
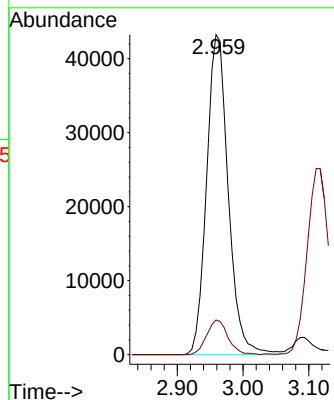
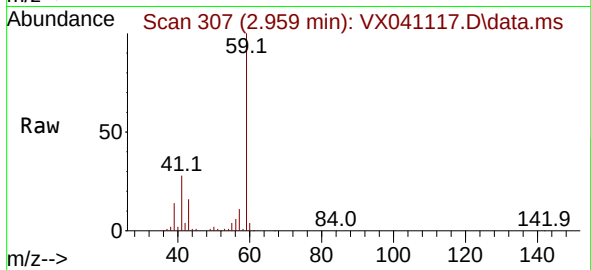
#11
Tert butyl alcohol
Concen: 250.112 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.000 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 99068
Ion Ratio Lower Upper
59 100
57 10.7 6.0 9.0

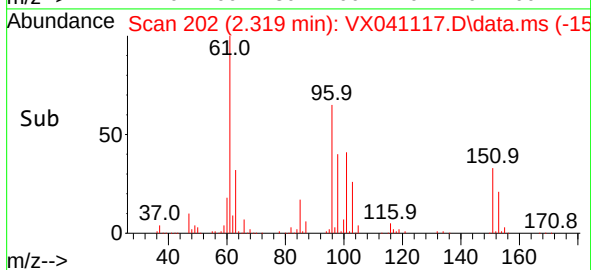
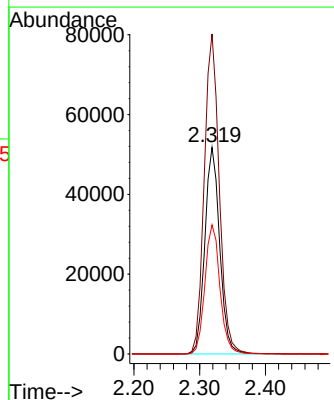
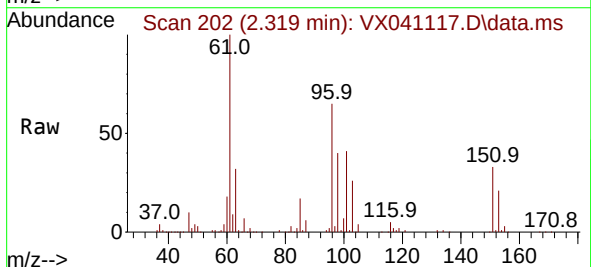
Manual Integrations
APPROVED

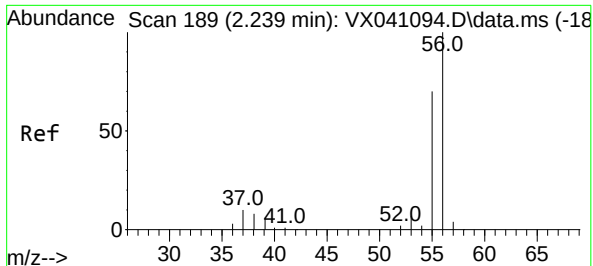
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#12
1,1-Dichloroethene
Concen: 49.222 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57

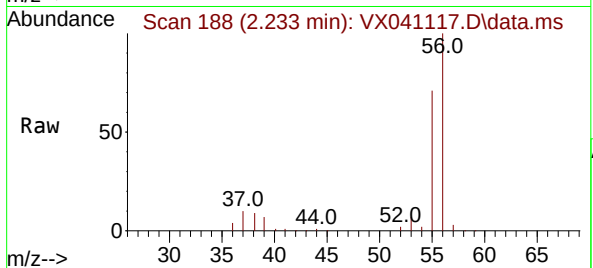
Tgt Ion: 96 Resp: 81469
Ion Ratio Lower Upper
96 100
61 154.9 144.6 216.8
98 62.5 50.4 75.6





#13
Acrolein
Concen: 244.178 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57

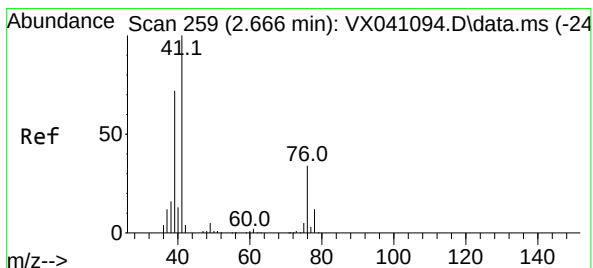
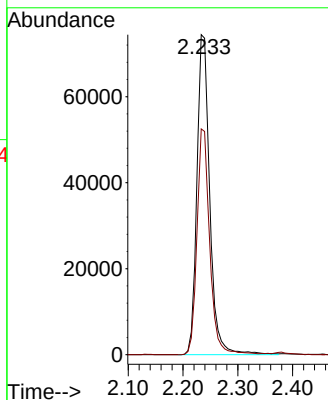
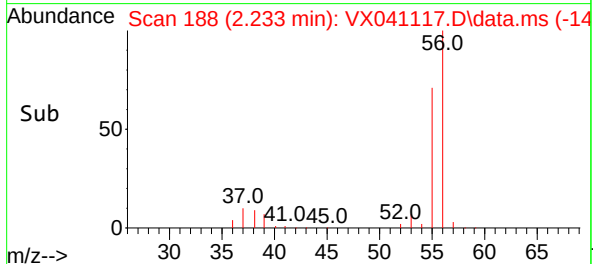
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 121635
Ion Ratio Lower Upper
56 100
55 70.1 57.1 85.7

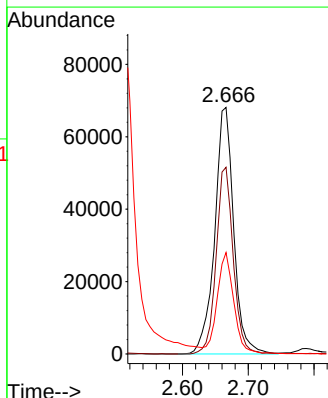
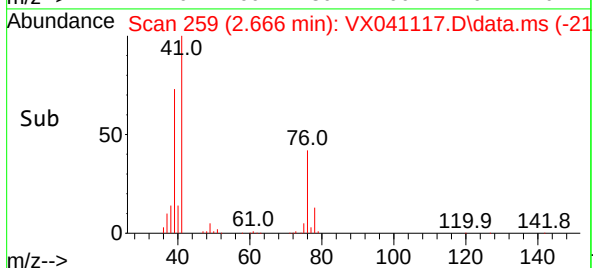
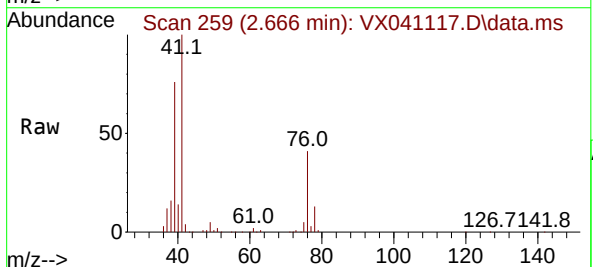
Manual Integrations
APPROVED

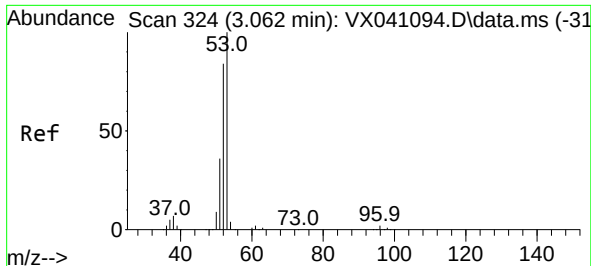
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#14
Allyl chloride
Concen: 51.233 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57

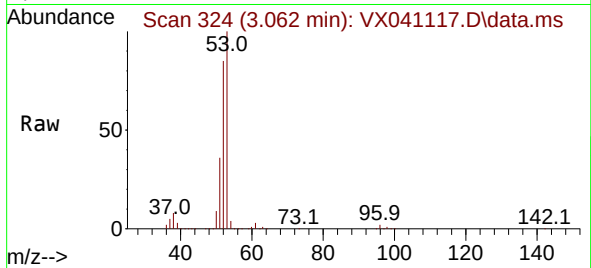
Tgt Ion: 41 Resp: 137142
Ion Ratio Lower Upper
41 100
39 68.2 55.8 83.6
76 35.9 24.3 36.5





#15
Acrylonitrile
Concen: 264.316 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57

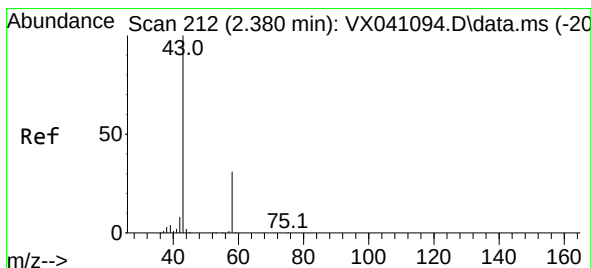
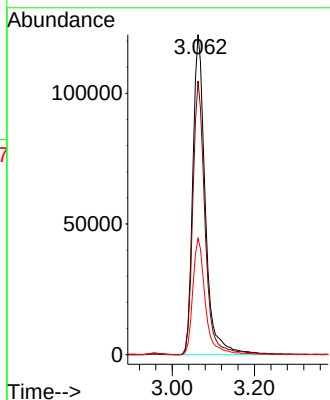
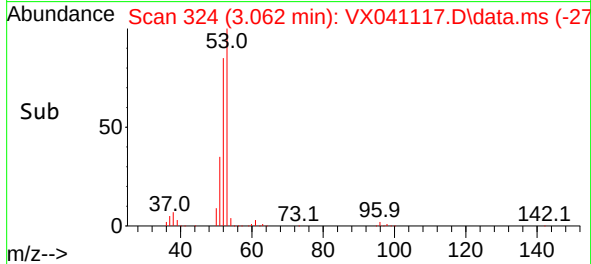
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 259218
Ion Ratio Lower Upper
53 100
52 83.7 66.0 99.0
51 36.8 29.8 44.6

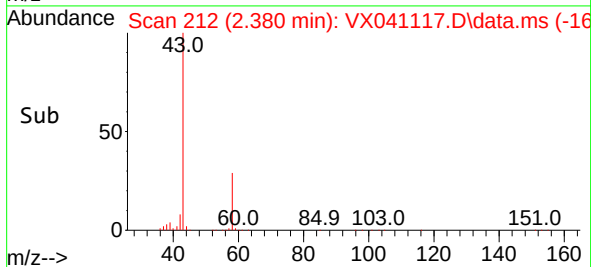
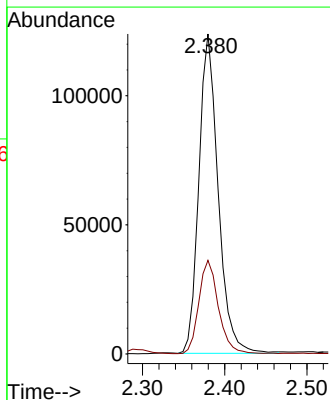
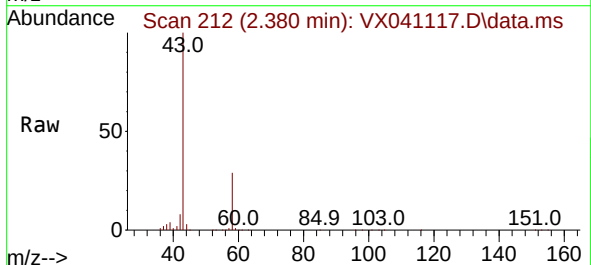
Manual Integrations
APPROVED

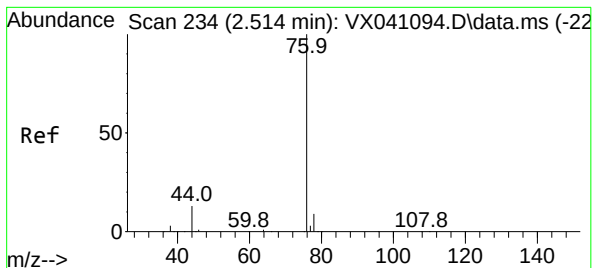
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#16
Acetone
Concen: 236.868 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57

Tgt Ion: 43 Resp: 201580
Ion Ratio Lower Upper
43 100
58 29.2 21.9 32.9





#17

Carbon Disulfide

Concen: 45.681 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX041117.D

Acq: 16 Apr 2024 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 172100

Ion Ratio Lower Upper

76 100

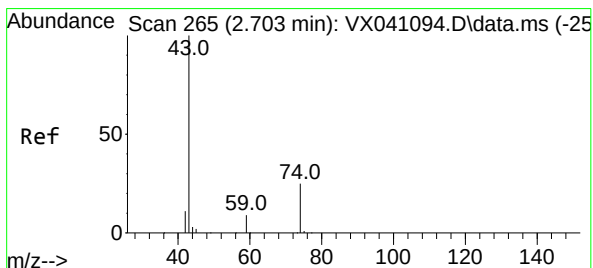
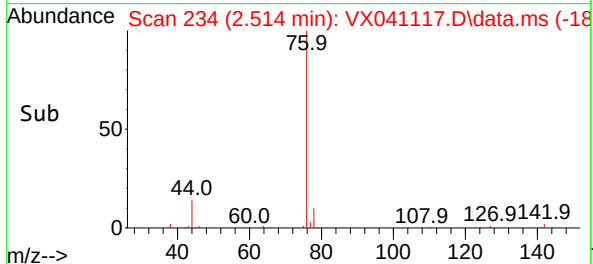
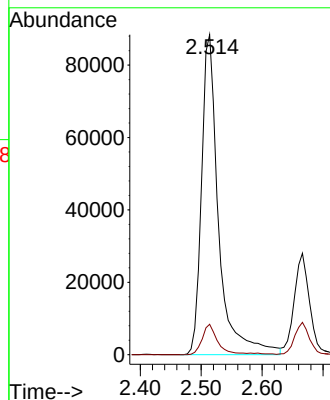
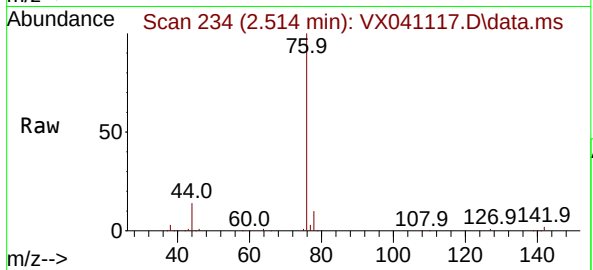
78 9.5 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#18

Methyl Acetate

Concen: 54.810 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX041117.D

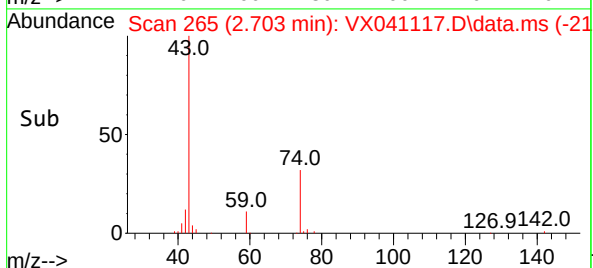
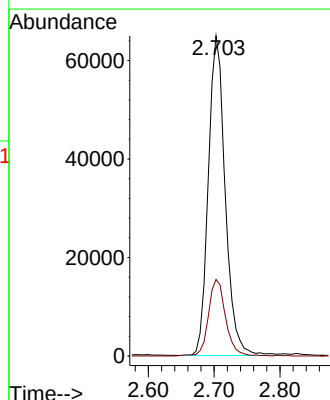
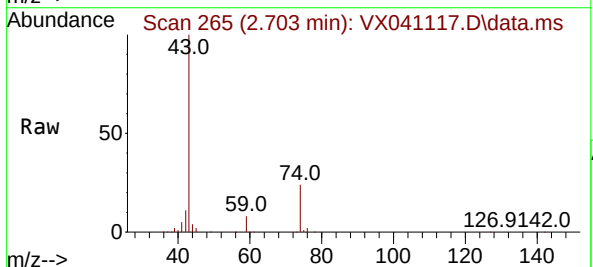
Acq: 16 Apr 2024 19:57

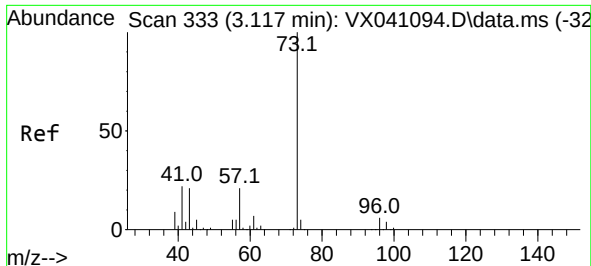
Tgt Ion: 43 Resp: 116449

Ion Ratio Lower Upper

43 100

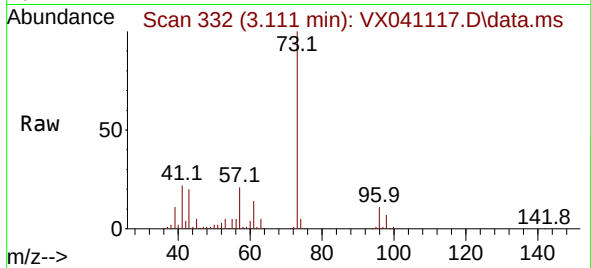
74 24.2 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 54.897 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57

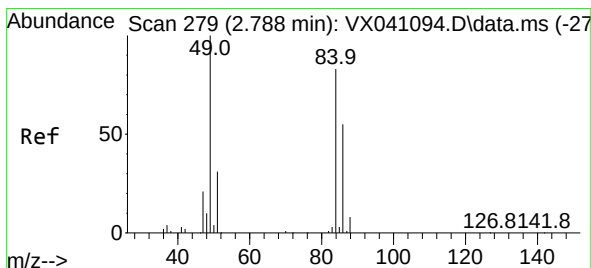
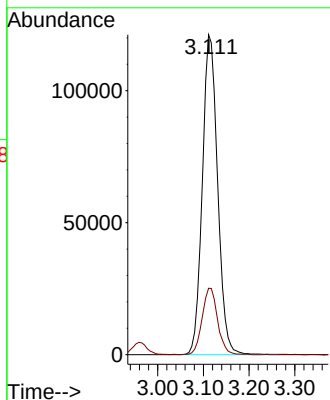
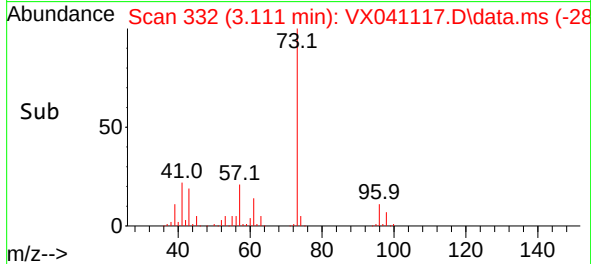
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 28084
Ion Ratio Lower Upper
73 100
57 20.8 17.3 25.9

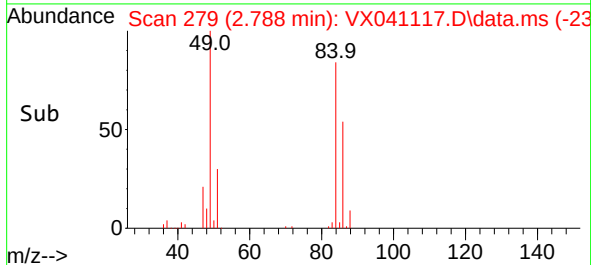
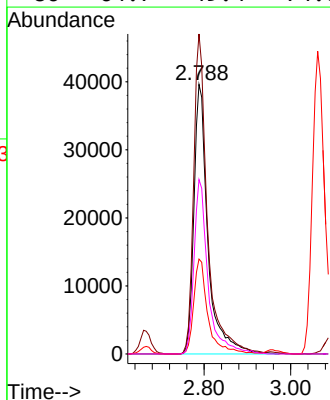
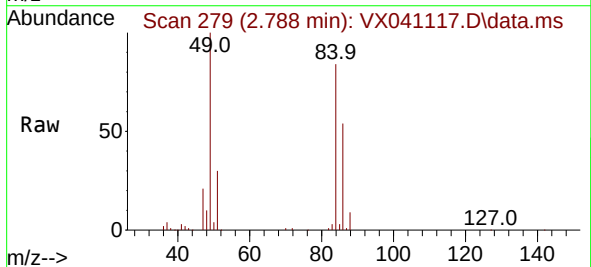
Manual Integrations
APPROVED

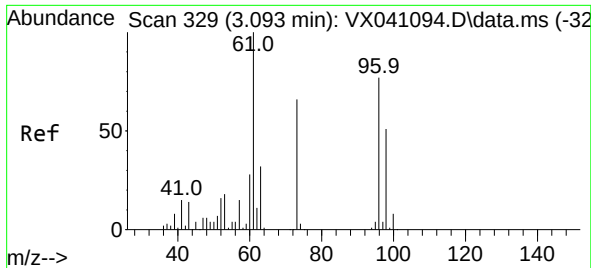
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#20
Methylene Chloride
Concen: 49.148 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57

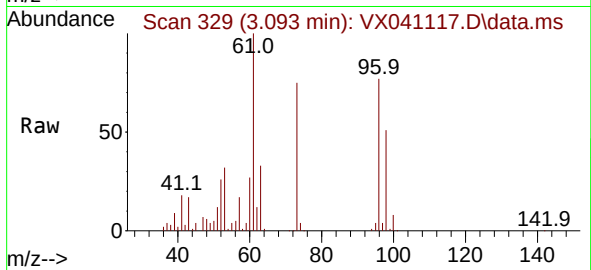
Tgt Ion: 84 Resp: 89249
Ion Ratio Lower Upper
84 100
49 118.7 103.6 155.4
51 35.2 33.8 50.6
86 64.7 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 49.489 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57

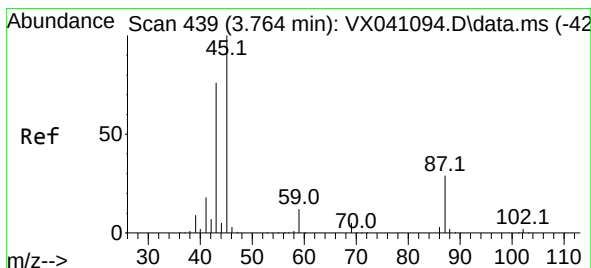
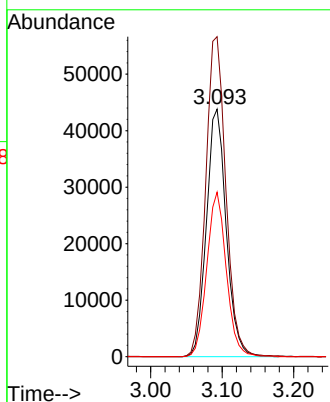
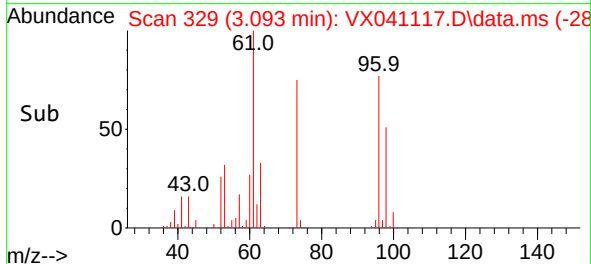
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



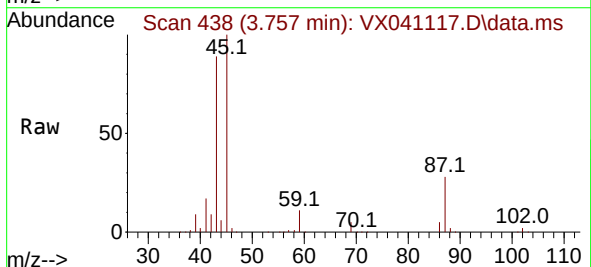
Tgt Ion: 96 Resp: 8402
Ion Ratio Lower Upper
96 100
61 129.3 119.2 178.8
98 66.4 48.7 73.1

Manual Integrations
APPROVED

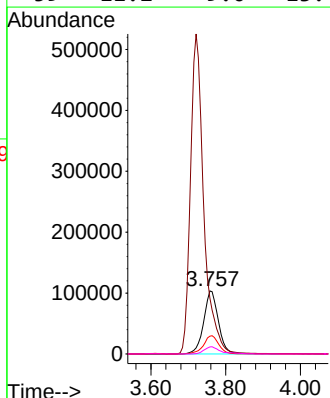
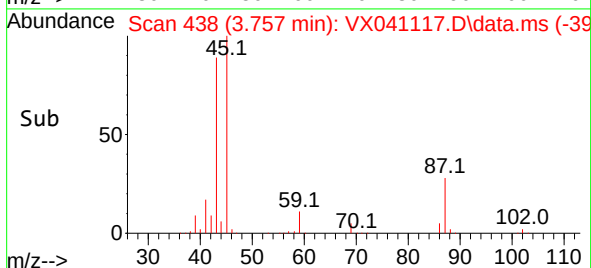
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024

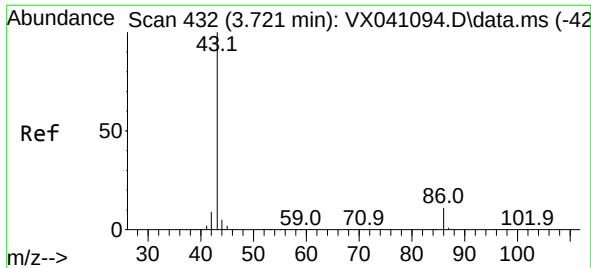


#22
Diisopropyl ether
Concen: 55.174 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57



Tgt Ion: 45 Resp: 282844
Ion Ratio Lower Upper
45 100
43 88.5 69.7 104.5
87 28.2 20.8 31.2
59 11.2 9.0 13.4





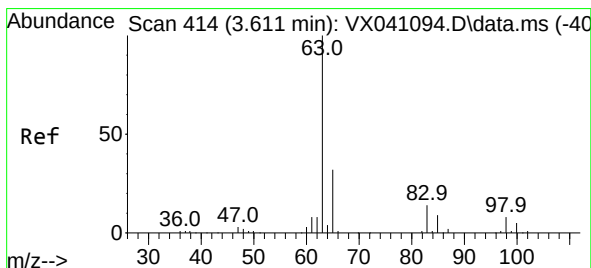
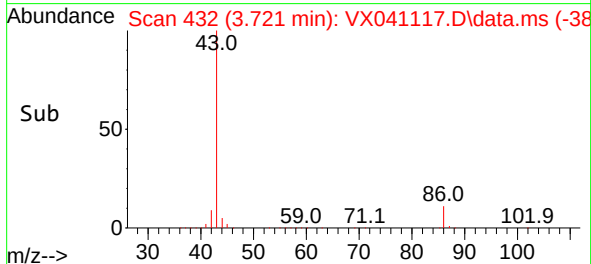
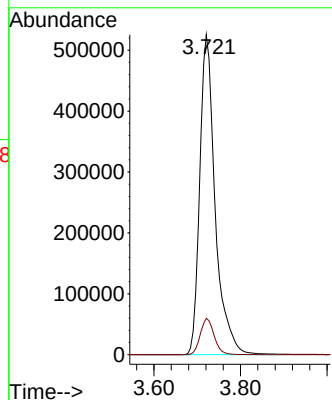
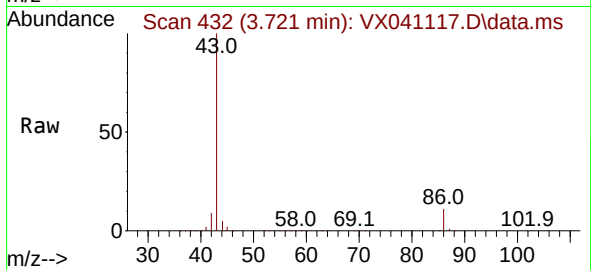
#23
 Vinyl Acetate
 Concen: 279.529 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX041117.D
 Acq: 16 Apr 2024 19:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 129866
 Ion Ratio Lower Upper
 43 100
 86 11.3 7.8 11.8

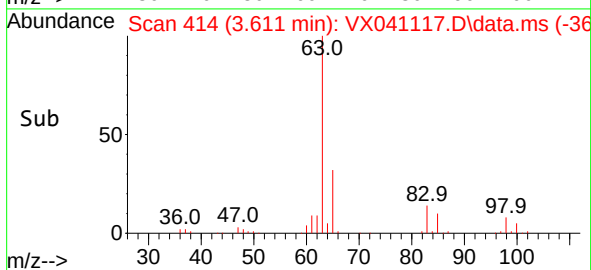
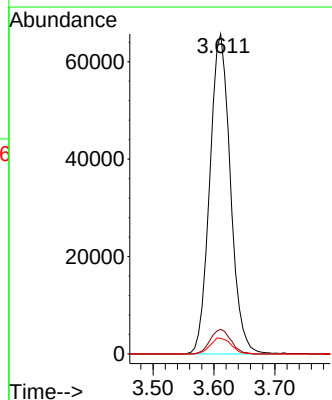
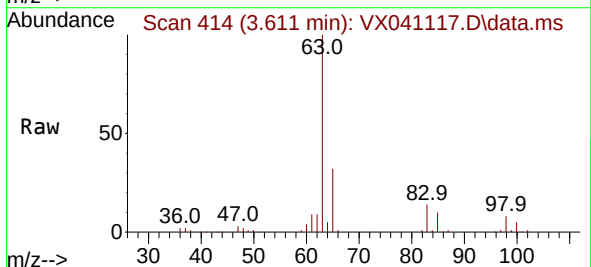
Manual Integrations
 APPROVED

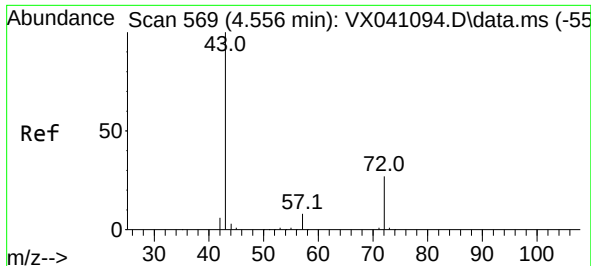
Reviewed By :John Carlone 04/17/2024
 Supervised By :Mahesh Dadoda 04/17/2024



#24
 1,1-Dichloroethane
 Concen: 51.475 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX041117.D
 Acq: 16 Apr 2024 19:57

Tgt Ion: 63 Resp: 154500
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.3 9.8
 100 4.9 2.1 6.5





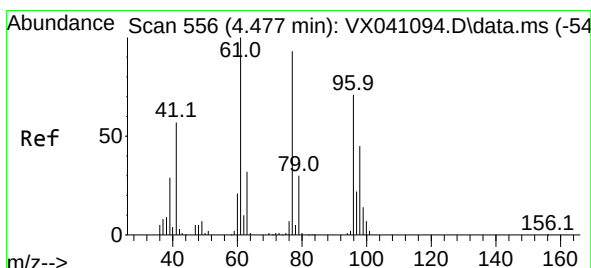
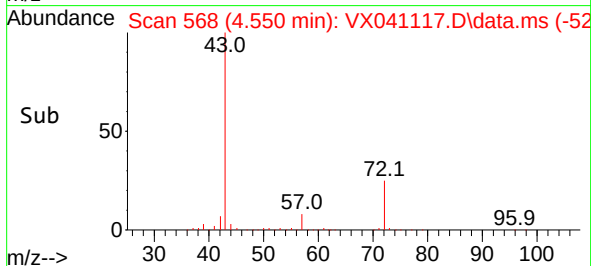
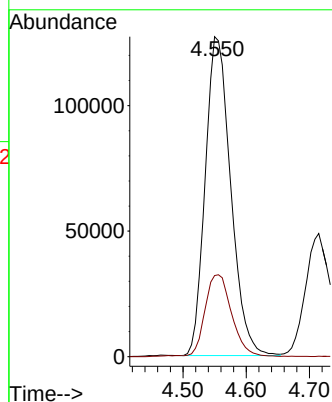
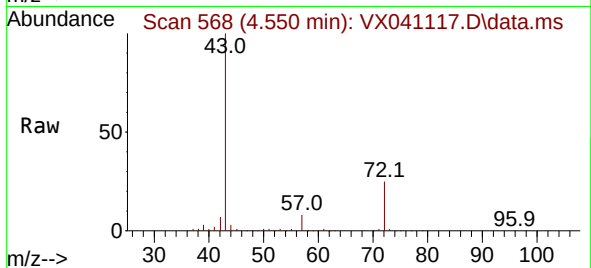
#25
2-Butanone
Concen: 266.040 ug/l
RT: 4.550 min Scan# 569
Delta R.T. -0.006 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 355720
Ion Ratio Lower Upper
43 100
72 25.3 19.4 29.2

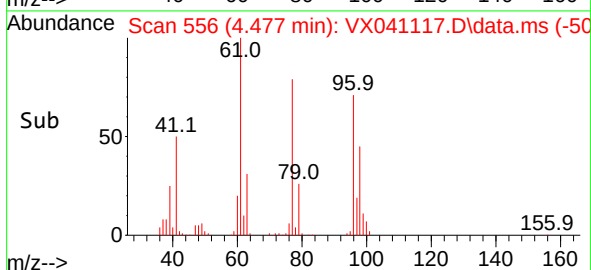
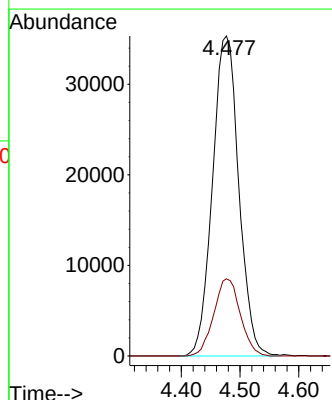
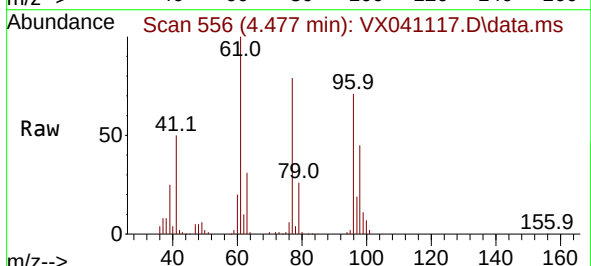
Manual Integrations
APPROVED

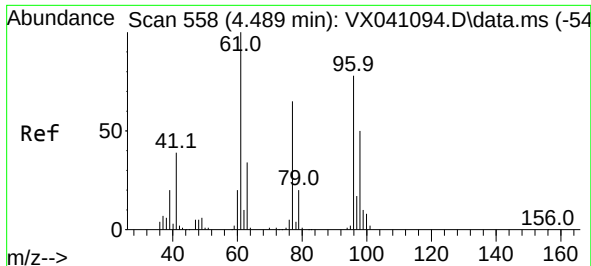
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#26
2,2-Dichloropropane
Concen: 46.078 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57

Tgt Ion: 77 Resp: 109776
Ion Ratio Lower Upper
77 100
97 24.3 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 51.456 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX041117.D

Acq: 16 Apr 2024 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 10554

Ion Ratio Lower Upper

96 100

61 136.3 0.0 312.2

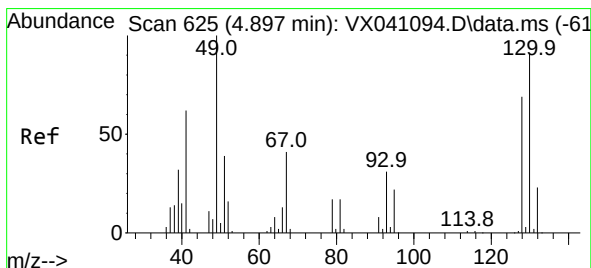
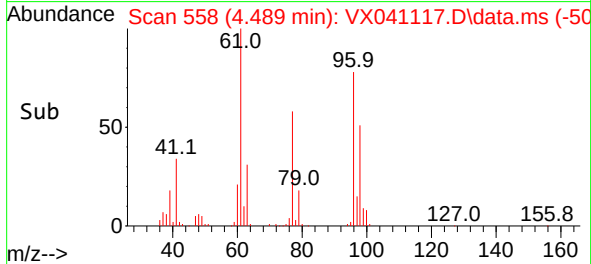
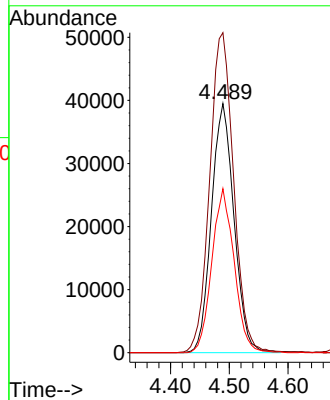
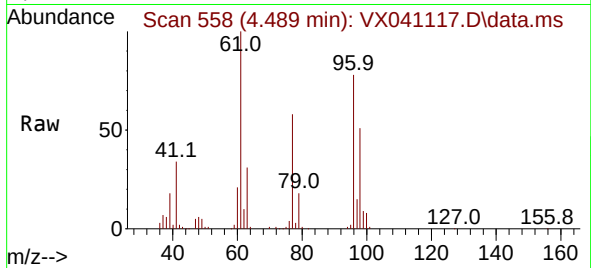
98 65.0 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#28

Bromochloromethane

Concen: 50.468 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX041117.D

Acq: 16 Apr 2024 19:57

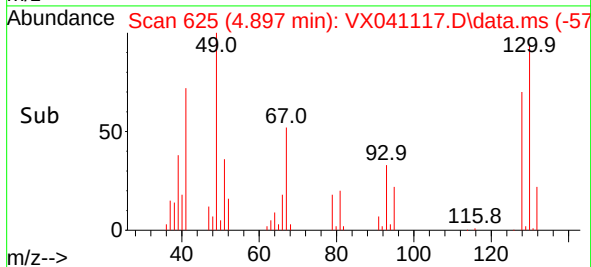
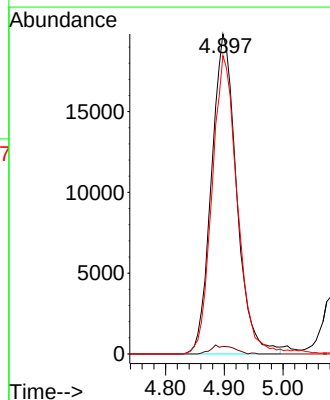
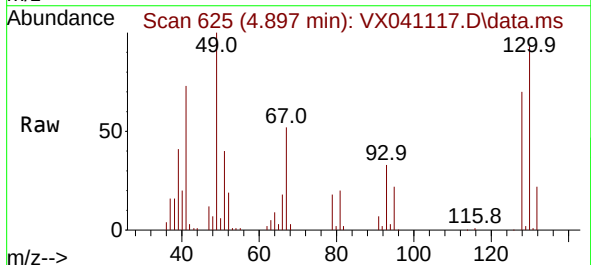
Tgt Ion: 49 Resp: 58798

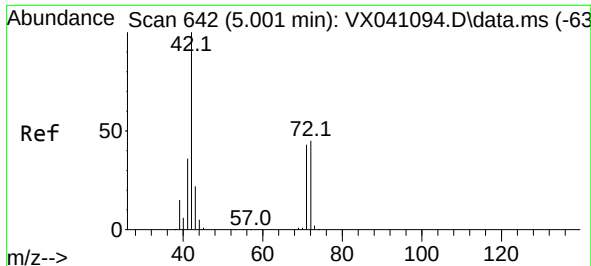
Ion Ratio Lower Upper

49 100

129 2.4 0.0 3.8

130 93.6 57.5 86.3#





#29

Tetrahydrofuran

Concen: 272.345 ug/l

RT: 5.001 min Scan# 64

Delta R.T. 0.000 min

Lab File: VX041117.D

Acq: 16 Apr 2024 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 241080

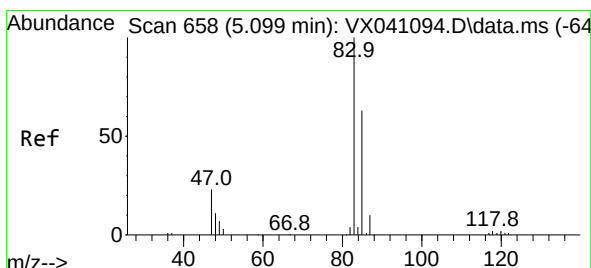
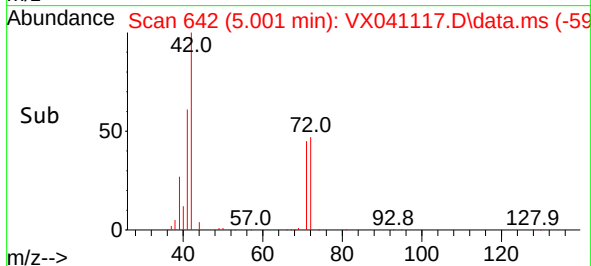
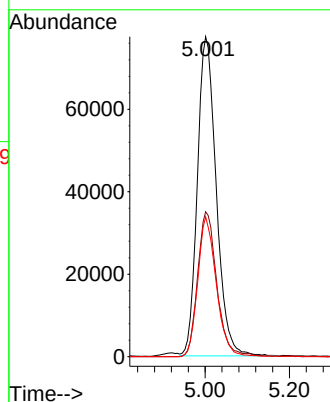
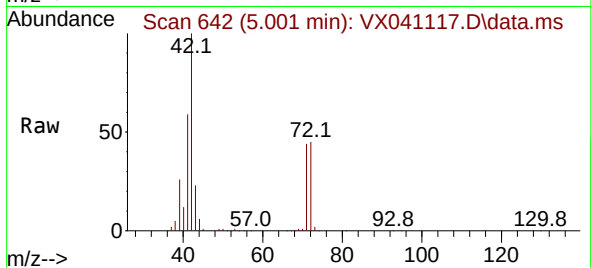
Ion	Ratio	Lower	Upper
42	100		
72	46.4	34.2	51.4
71	42.9	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#30

Chloroform

Concen: 52.914 ug/l

RT: 5.093 min Scan# 657

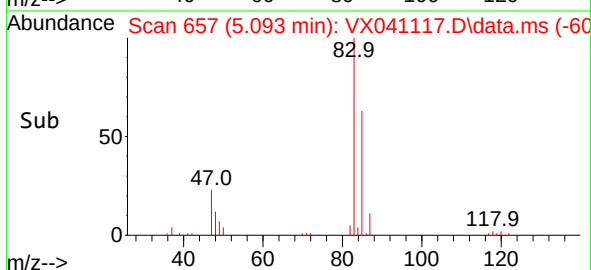
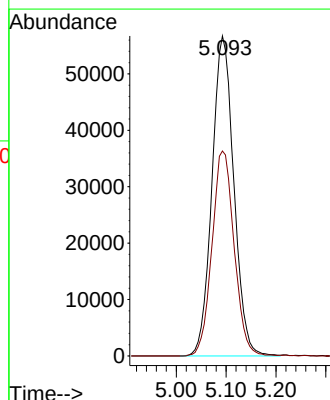
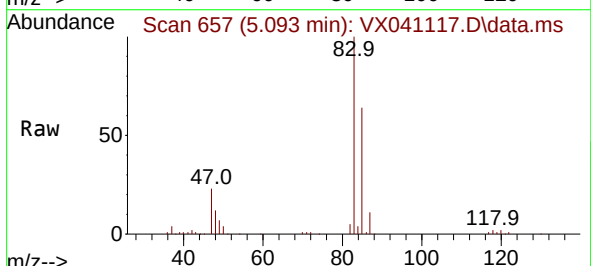
Delta R.T. -0.006 min

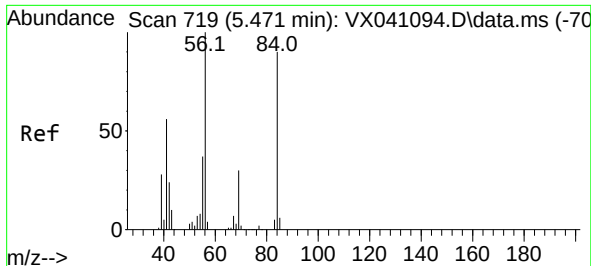
Lab File: VX041117.D

Acq: 16 Apr 2024 19:57

Tgt Ion: 83 Resp: 172577

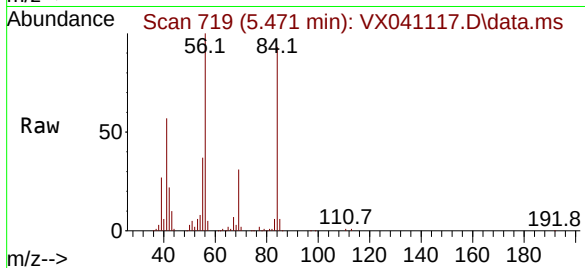
Ion	Ratio	Lower	Upper
83	100		
85	64.1	50.3	75.5





#31
Cyclohexane
Concen: 48.025 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57

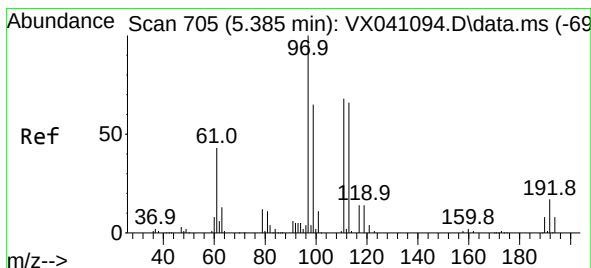
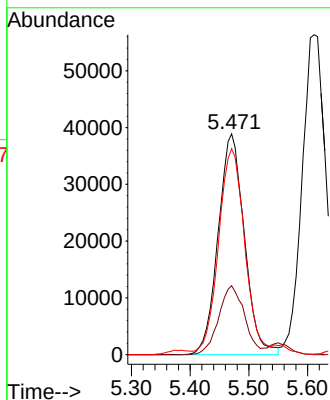
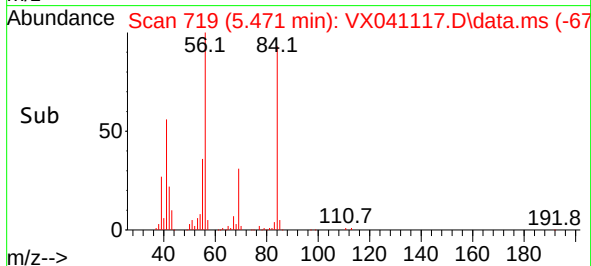
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 12045
Ion Ratio Lower Upper
56 100
69 31.2 23.4 35.2
84 91.4 65.9 98.9

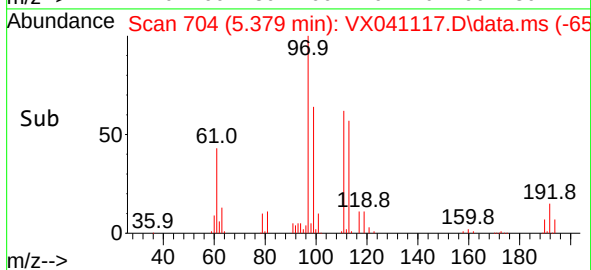
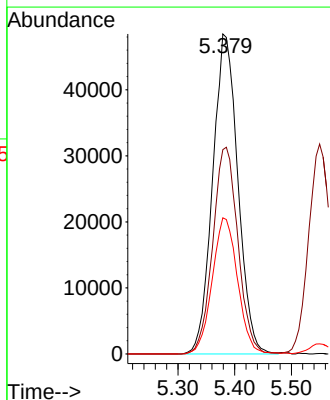
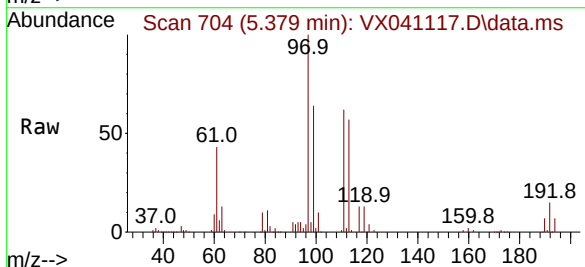
Manual Integrations
APPROVED

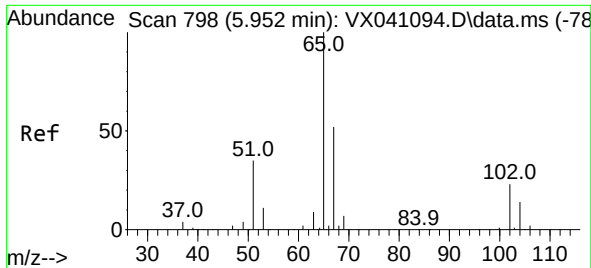
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#32
1,1,1-Trichloroethane
Concen: 52.272 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57

Tgt Ion: 97 Resp: 149615
Ion Ratio Lower Upper
97 100
99 64.5 51.1 76.7
61 42.9 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 51.586 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX041117.D

Acq: 16 Apr 2024 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 10444

Ion Ratio Lower Upper

65 100

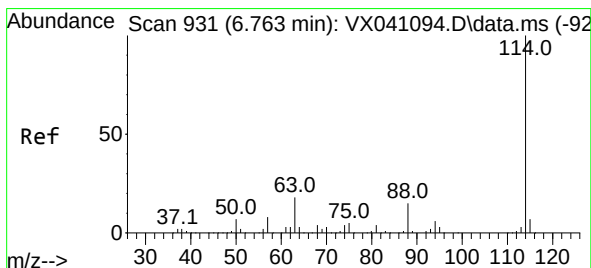
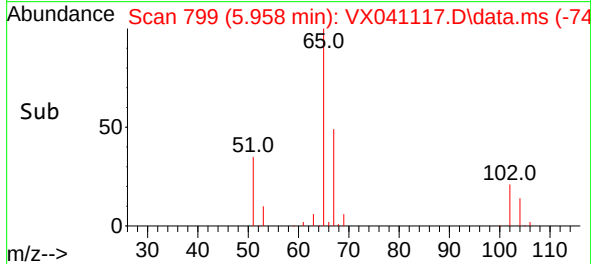
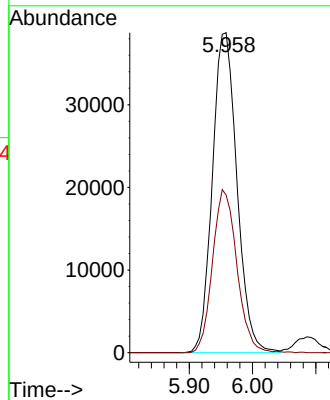
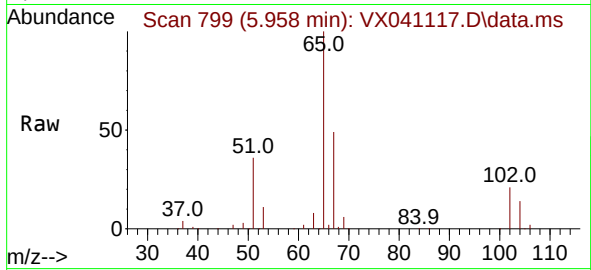
67 50.5 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX041117.D

Acq: 16 Apr 2024 19:57

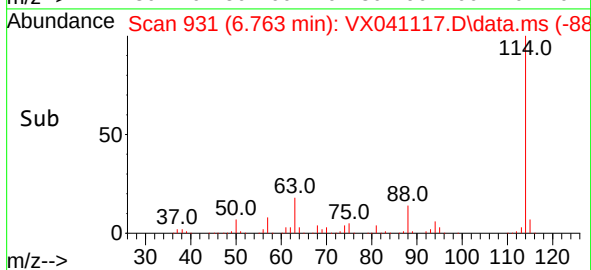
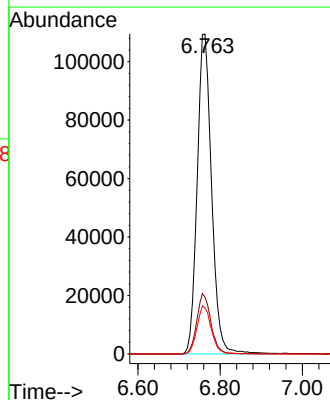
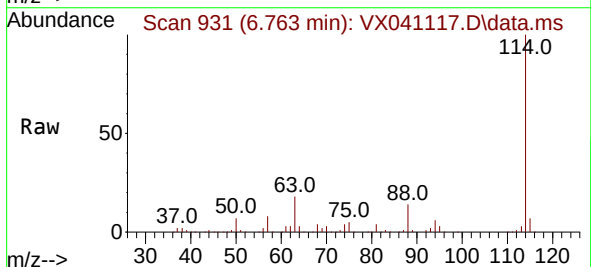
Tgt Ion:114 Resp: 266420

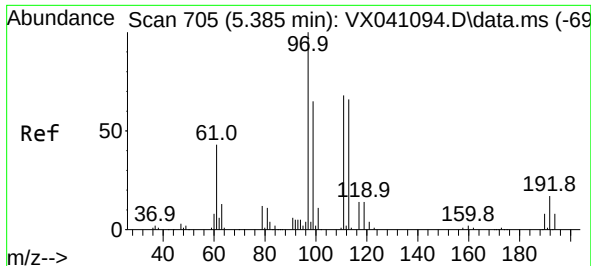
Ion Ratio Lower Upper

114 100

63 17.7 0.0 45.0

88 14.3 0.0 36.6





#35

Dibromofluoromethane

Concen: 49.397 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX041117.D

Acq: 16 Apr 2024 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 113 Resp: 87914

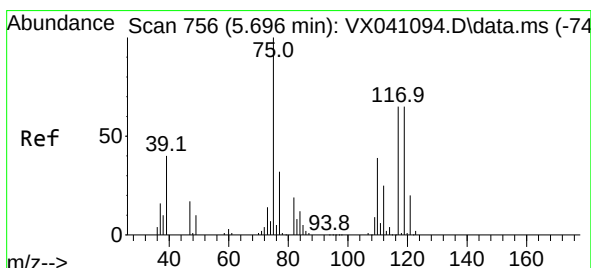
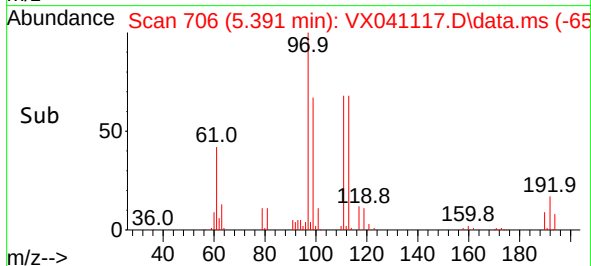
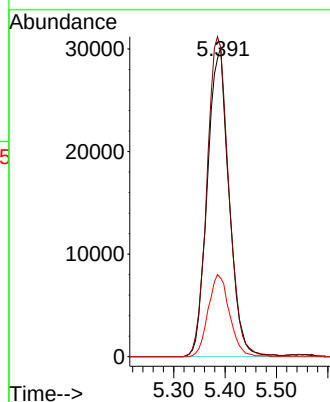
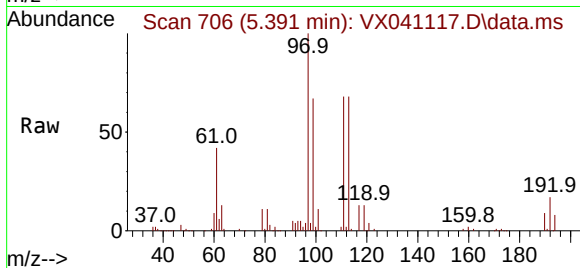
Ion	Ratio	Lower	Upper
113	100		
111	104.4	82.9	124.3
192	26.2	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#36

1,1-Dichloropropene

Concen: 47.816 ug/l

RT: 5.690 min Scan# 755

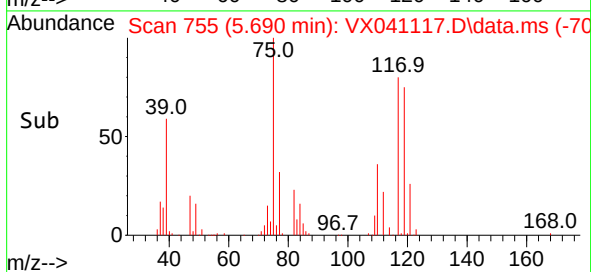
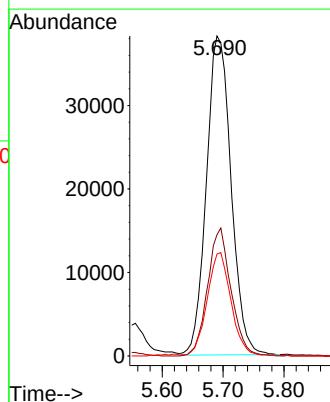
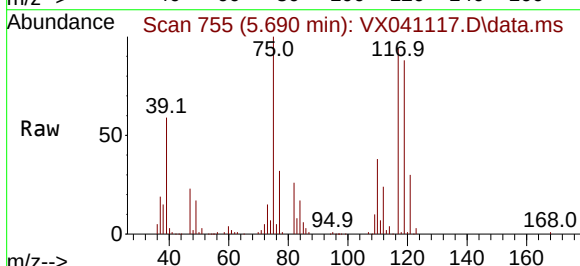
Delta R.T. -0.006 min

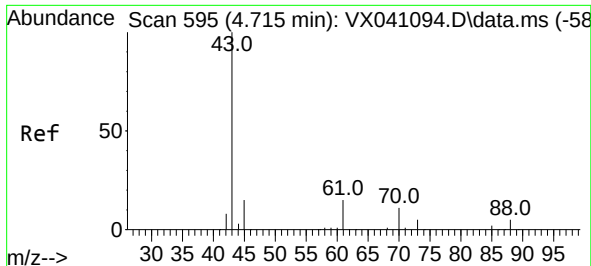
Lab File: VX041117.D

Acq: 16 Apr 2024 19:57

Tgt Ion: 75 Resp: 107739

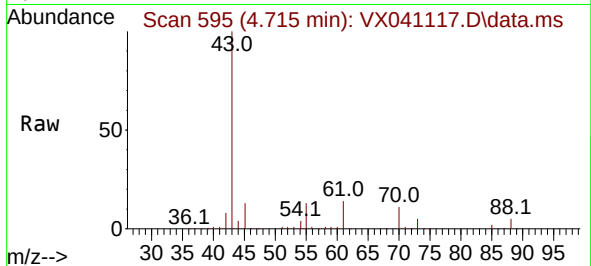
Ion	Ratio	Lower	Upper
75	100		
110	38.1	17.0	50.9
77	31.4	24.7	37.1





#37
Ethyl Acetate
Concen: 52.761 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57

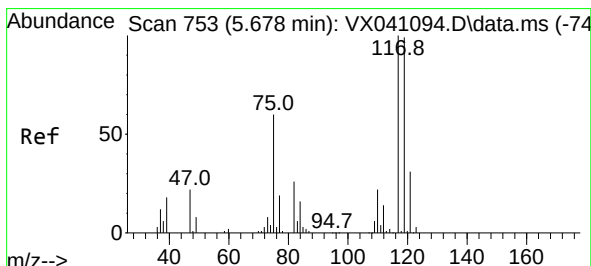
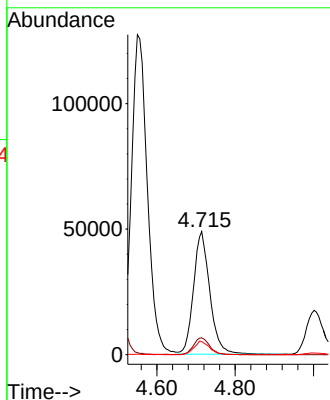
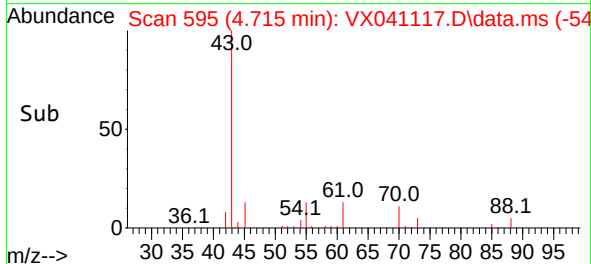
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 141969
Ion Ratio Lower Upper
43 100
61 13.7 10.6 16.0
70 10.5 8.3 12.5

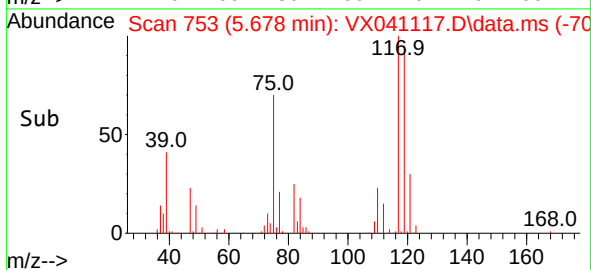
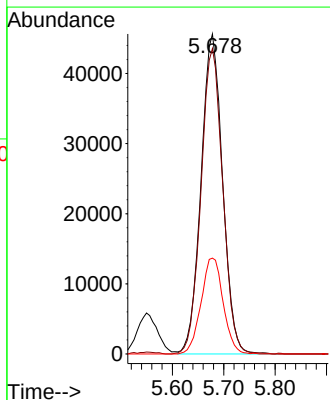
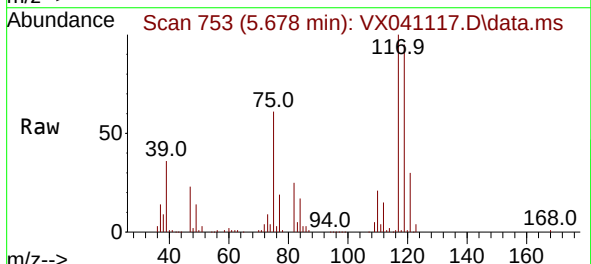
Manual Integrations
APPROVED

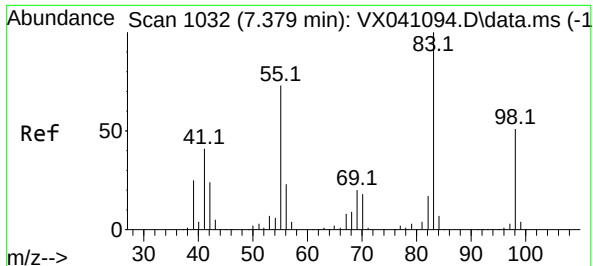
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#38
Carbon Tetrachloride
Concen: 50.915 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57

Tgt Ion:117 Resp: 133023
Ion Ratio Lower Upper
117 100
119 95.2 78.2 117.2
121 30.0 24.4 36.6





#39

Methylcyclohexane

Concen: 47.315 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX041117.D

Acq: 16 Apr 2024 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 13377

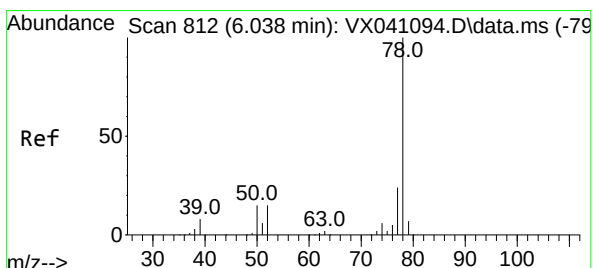
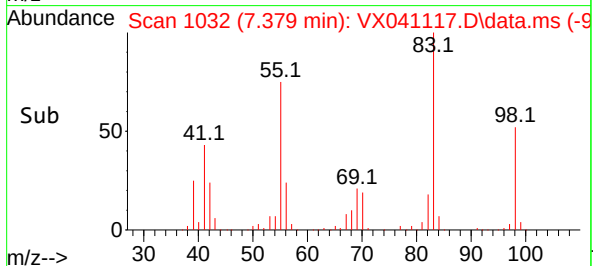
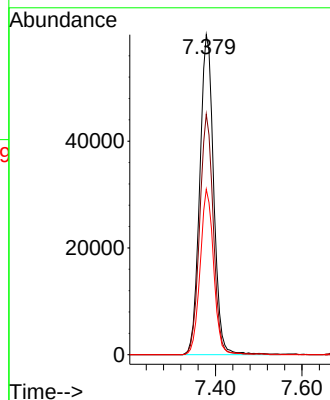
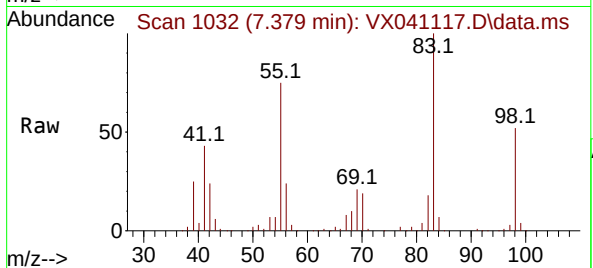
Ion	Ratio	Lower	Upper
83	100		
55	75.2	64.6	97.0
98	51.7	36.7	55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#40

Benzene

Concen: 50.065 ug/l

RT: 6.038 min Scan# 812

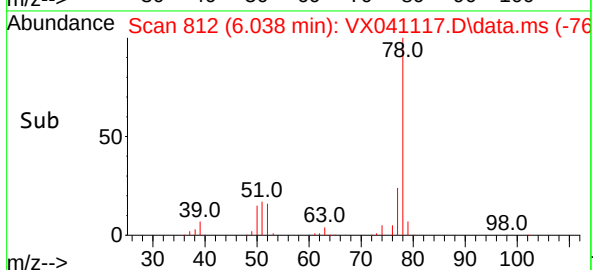
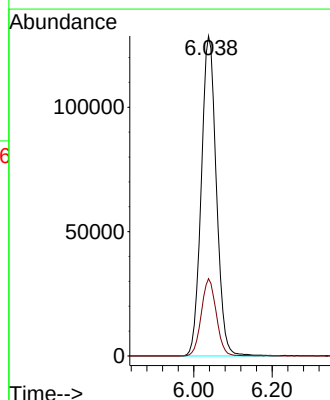
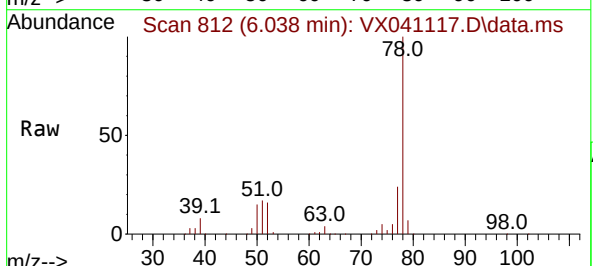
Delta R.T. 0.000 min

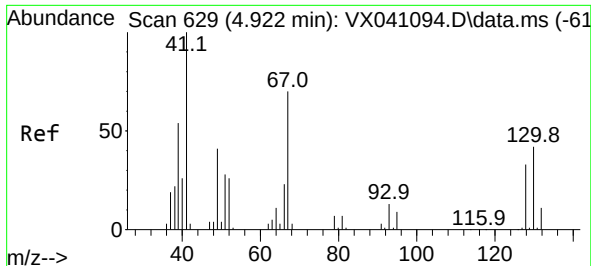
Lab File: VX041117.D

Acq: 16 Apr 2024 19:57

Tgt Ion: 78 Resp: 344352

Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.3	28.9





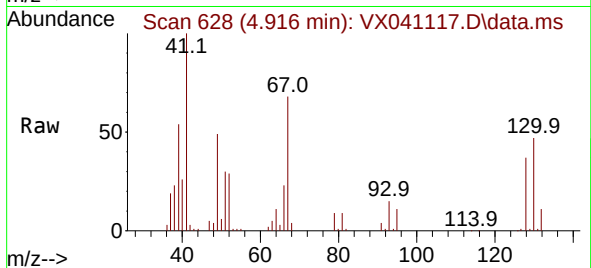
#41
Methacrylonitrile
Concen: 55.841 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



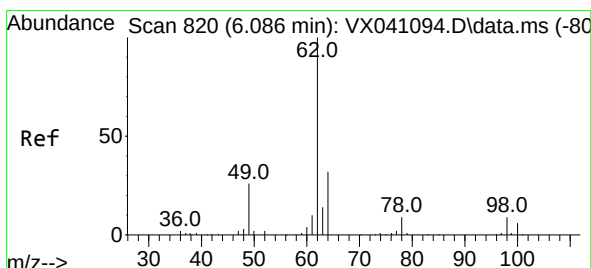
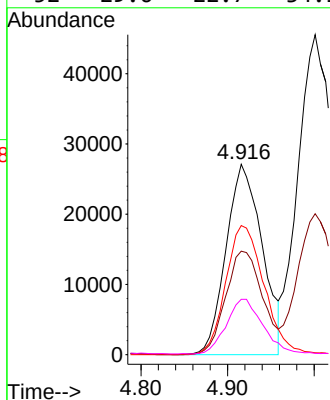
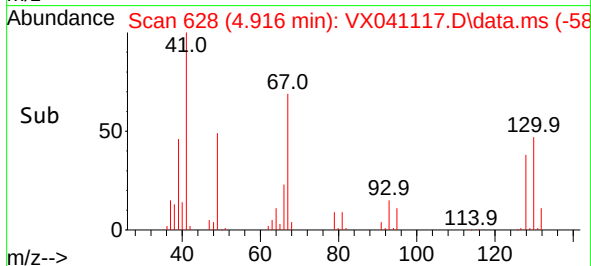
Tgt Ion: 41 Resp: 78745
Ion Ratio Lower Upper
41 100
39 55.6 45.2 67.8
67 72.5 52.6 78.8
52 29.6 22.7 34.1

Manual Integrations

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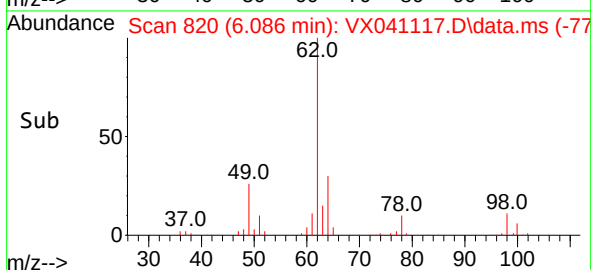
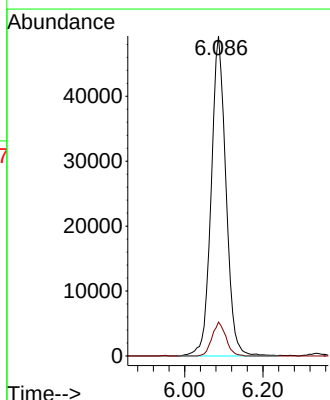
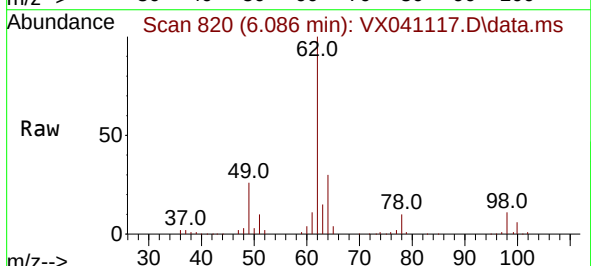
Reviewed By :John Carlone 04/17/2024

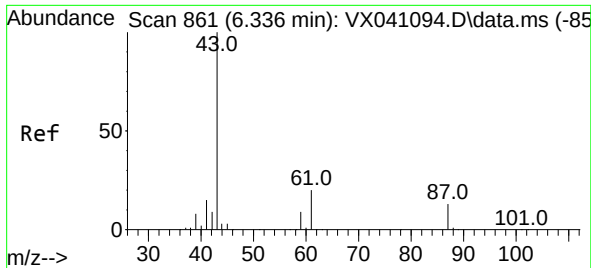
Supervised By :Mahesh Dadoda 04/17/2024



#42
1,2-Dichloroethane
Concen: 52.440 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57

Tgt Ion: 62 Resp: 129245
Ion Ratio Lower Upper
62 100
98 9.9 0.0 16.0





#43

Isopropyl Acetate

Concen: 53.462 ug/l

RT: 6.342 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX041117.D

Acq: 16 Apr 2024 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 21362

Ion Ratio Lower Upper

43 100

61 19.8 15.2 22.8

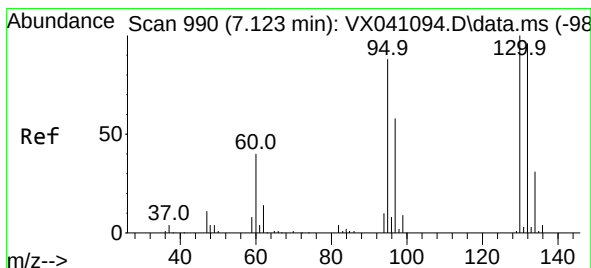
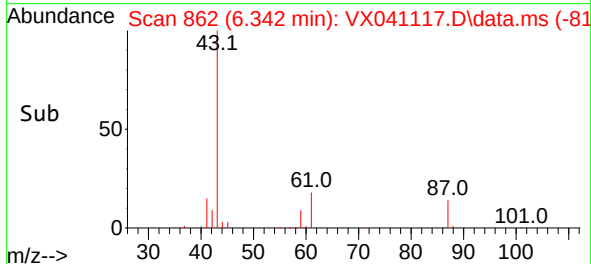
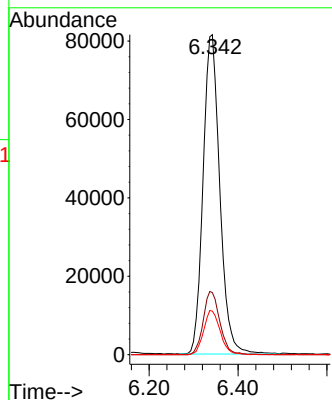
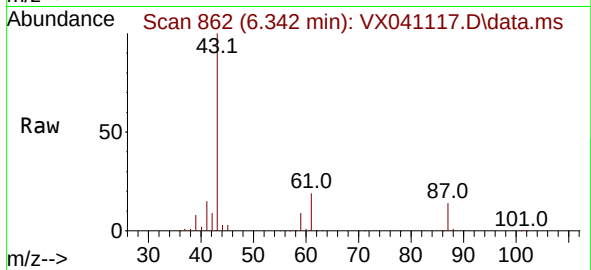
87 13.6 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#44

Trichloroethene

Concen: 47.853 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX041117.D

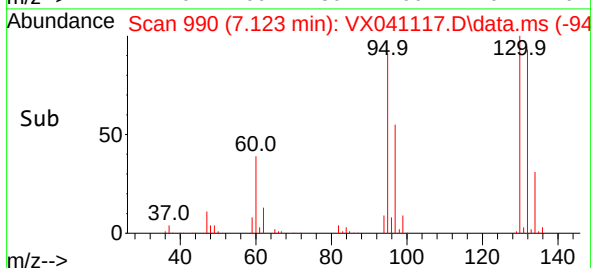
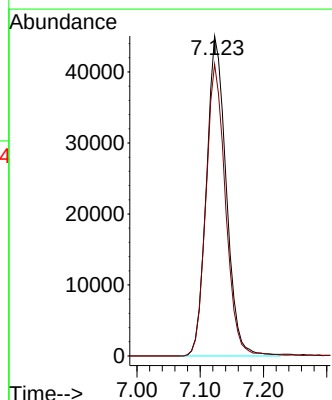
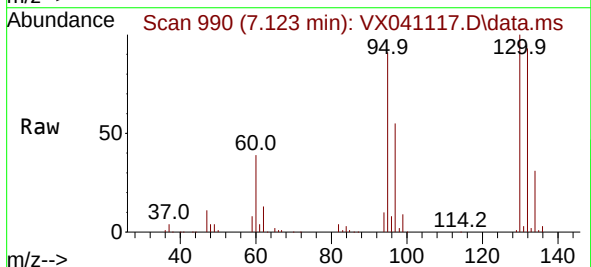
Acq: 16 Apr 2024 19:57

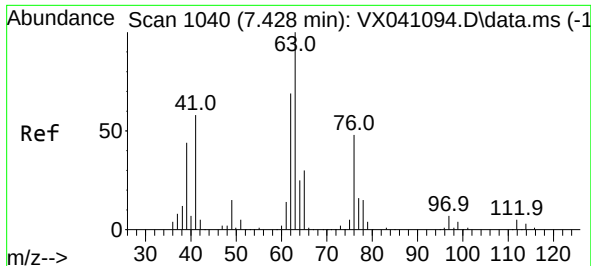
Tgt Ion:130 Resp: 97757

Ion Ratio Lower Upper

130 100

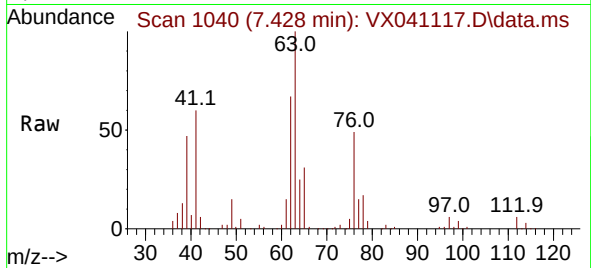
95 91.2 0.0 204.4





#45
1,2-Dichloropropane
Concen: 51.425 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57

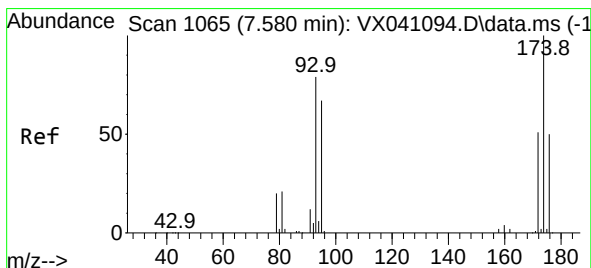
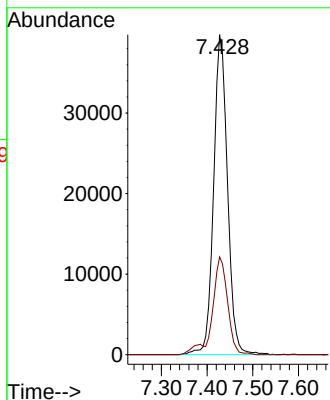
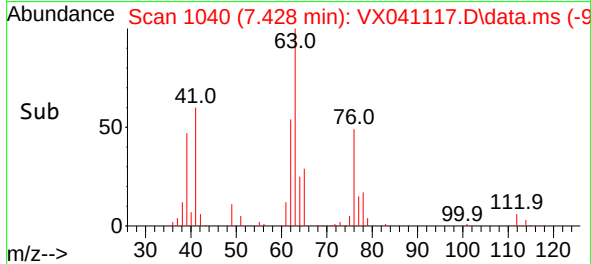
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



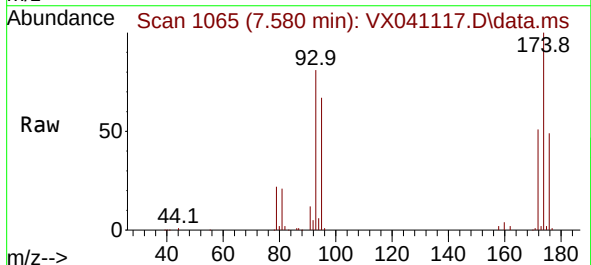
Tgt Ion: 63 Resp: 8398
Ion Ratio Lower Upper
63 100
65 30.6 24.3 36.5

Manual Integrations
APPROVED

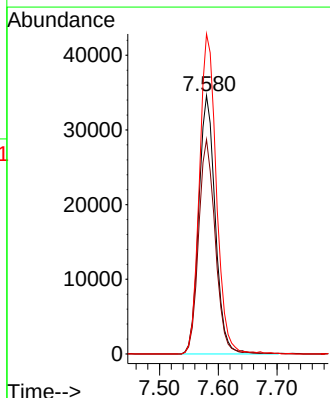
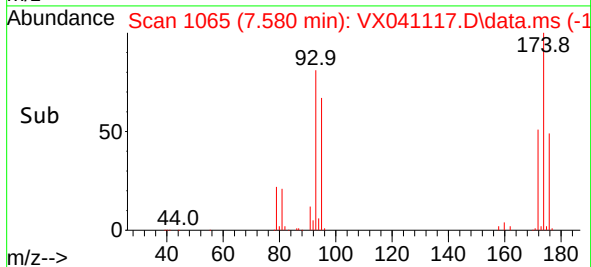
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024

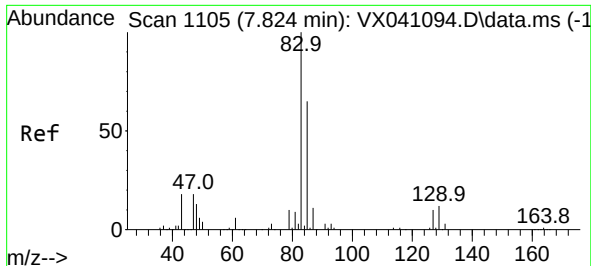


#46
Dibromomethane
Concen: 52.540 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57



Tgt Ion: 93 Resp: 67468
Ion Ratio Lower Upper
93 100
95 83.2 66.6 100.0
174 127.2 69.4 104.0#





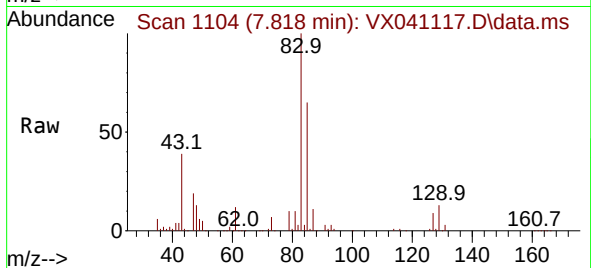
#47
Bromodichloromethane
Concen: 53.601 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



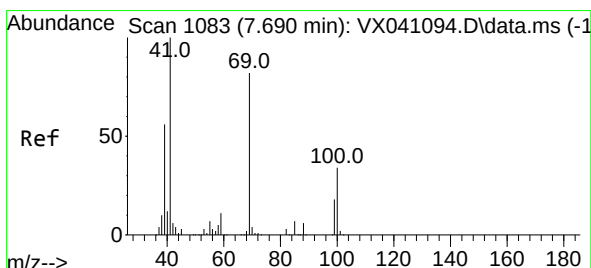
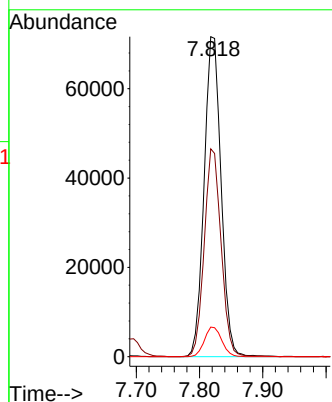
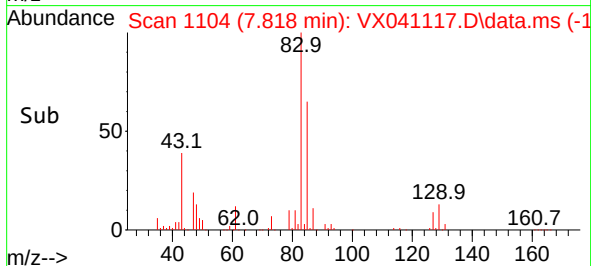
Tgt Ion: 83 Resp: 13397
Ion Ratio Lower Upper
83 100
85 64.9 49.8 74.6
127 9.3 7.1 10.7

Manual Integrations

APPROVED

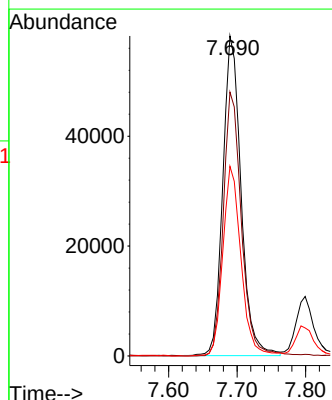
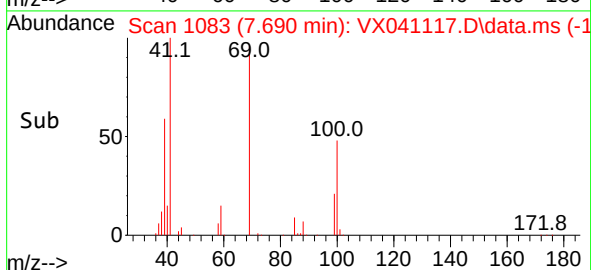
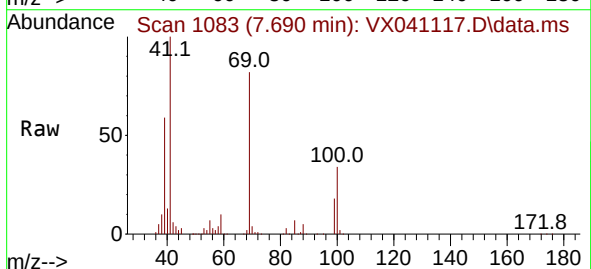
Reviewed By :John Carlone 04/17/2024

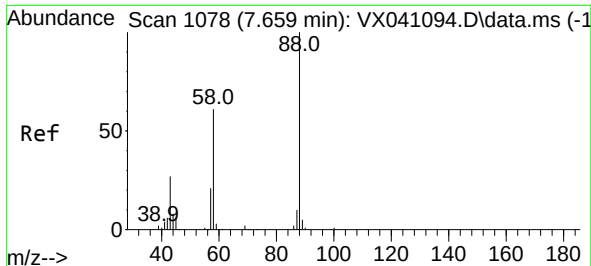
Supervised By :Mahesh Dadoda 04/17/2024



#48
Methyl methacrylate
Concen: 55.038 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57

Tgt Ion: 41 Resp: 107344
Ion Ratio Lower Upper
41 100
69 82.4 59.2 88.8
39 59.2 47.7 71.5





#49

1,4-Dioxane

Concen: 1091.772 ug/l

RT: 7.653 min Scan# 1077

Delta R.T. -0.006 min

Lab File: VX041117.D

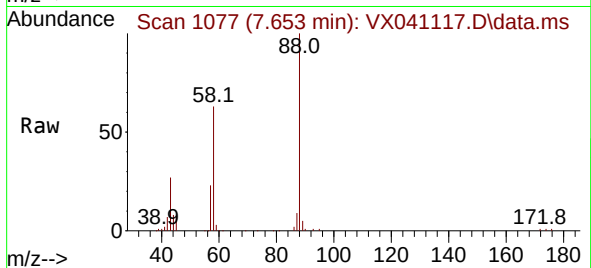
Acq: 16 Apr 2024 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



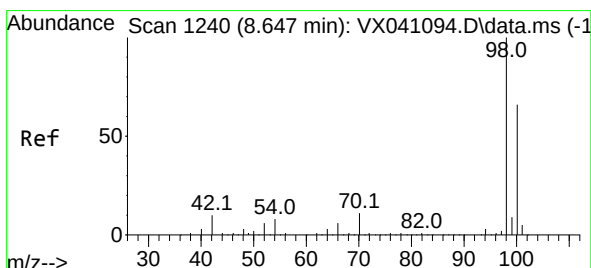
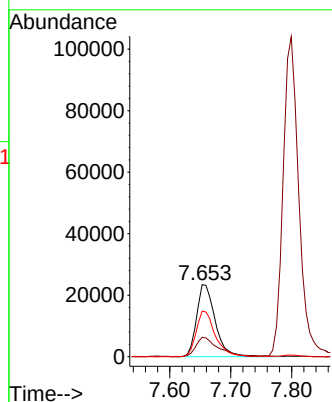
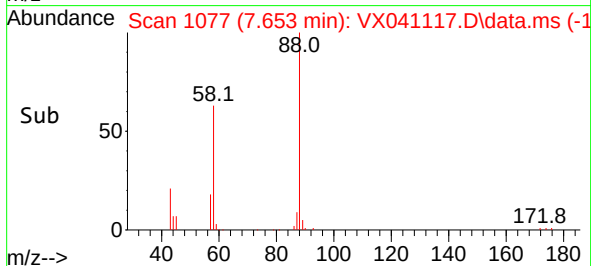
Tgt Ion: 88	Resp: 49758
Ion Ratio	Lower Upper
88	100
43	32.1 0.0 0.0
58	64.9 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#50

Toluene-d8

Concen: 49.047 ug/l

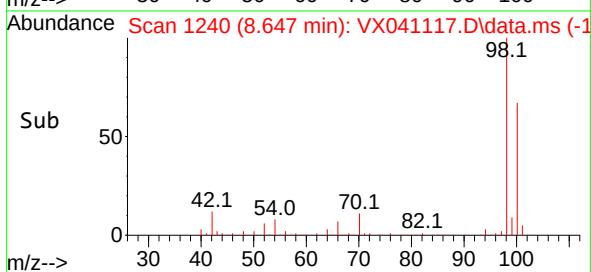
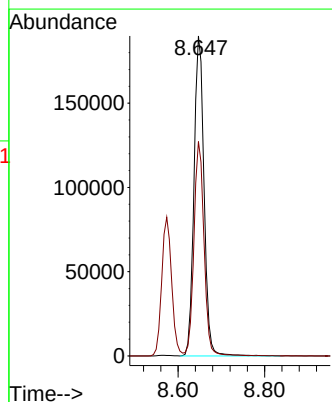
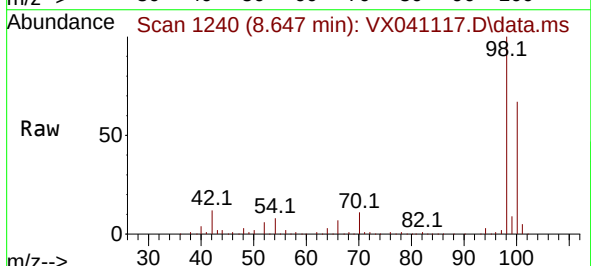
RT: 8.647 min Scan# 1240

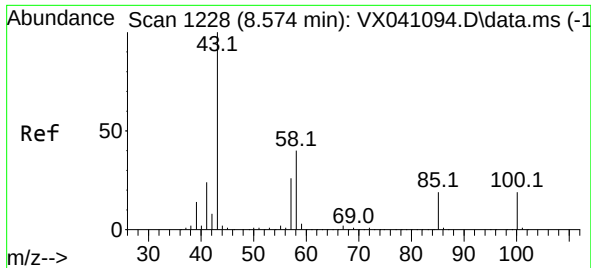
Delta R.T. 0.000 min

Lab File: VX041117.D

Acq: 16 Apr 2024 19:57

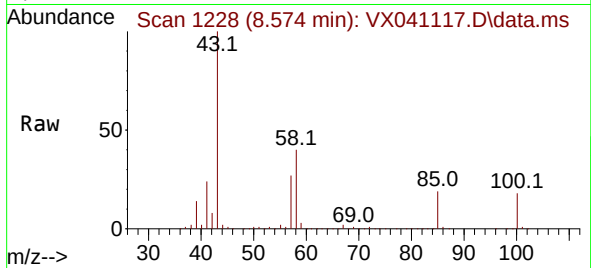
Tgt Ion: 98	Resp: 305757
Ion Ratio	Lower Upper
98	100
100	67.0 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 271.505 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57

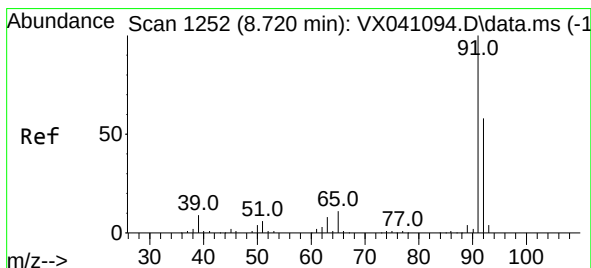
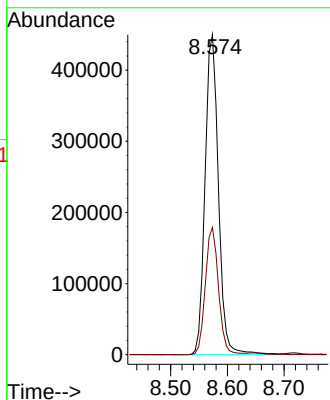
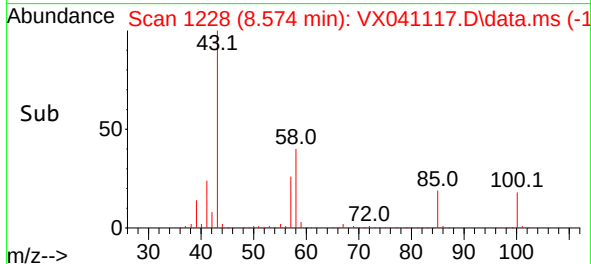
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



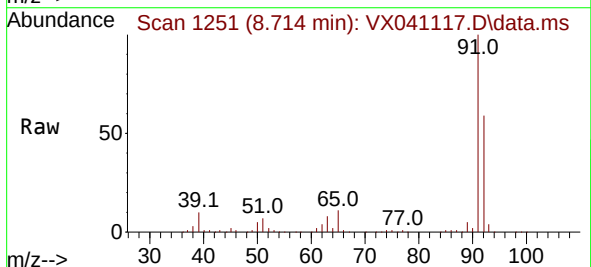
Tgt Ion: 43 Resp: 736980
Ion Ratio Lower Upper
43 100
58 39.1 30.4 45.6

Manual Integrations
APPROVED

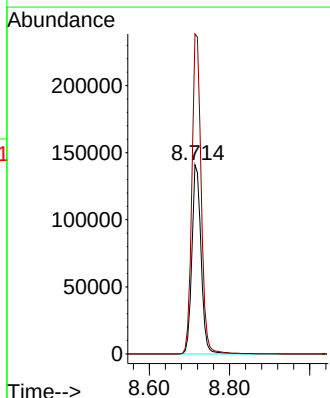
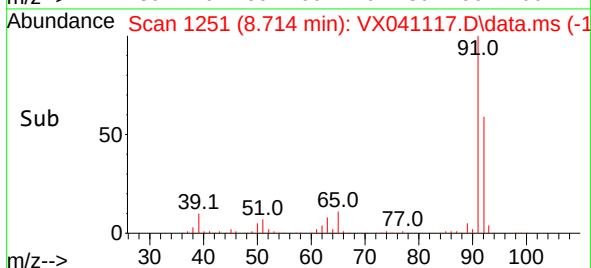
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024

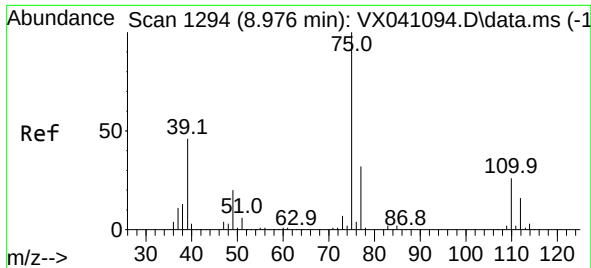


#52
Toluene
Concen: 49.858 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57



Tgt Ion: 92 Resp: 223856
Ion Ratio Lower Upper
92 100
91 171.3 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 52.733 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX041117.D

Acq: 16 Apr 2024 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 12642

Ion Ratio Lower Upper

75 100

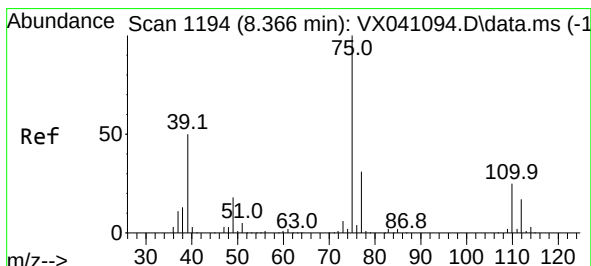
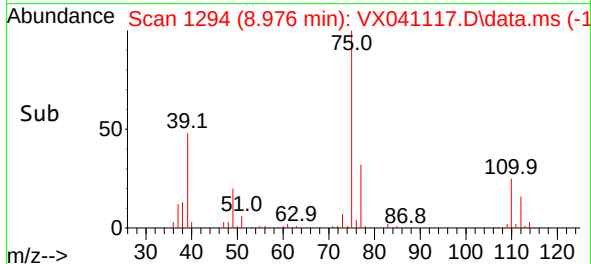
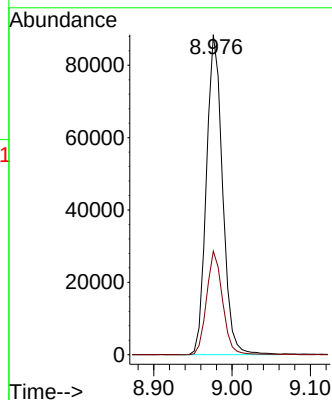
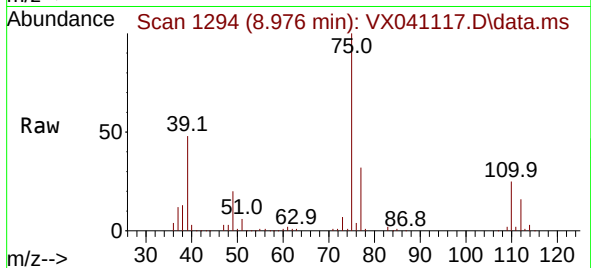
77 32.4 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#54

cis-1,3-Dichloropropene

Concen: 52.523 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX041117.D

Acq: 16 Apr 2024 19:57

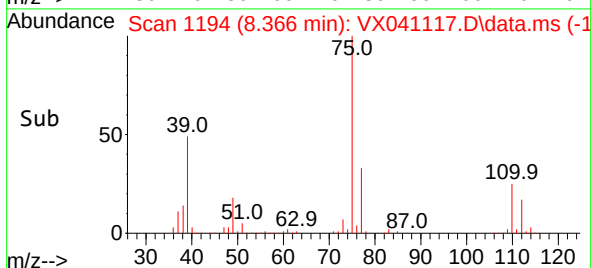
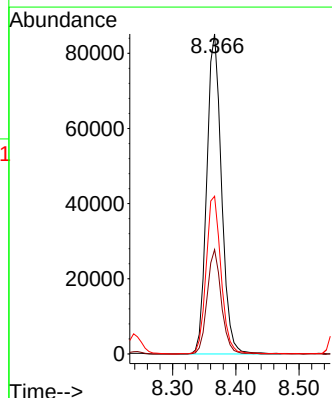
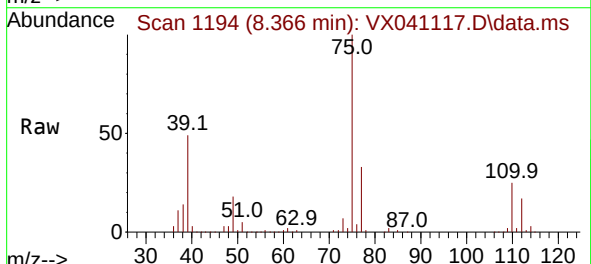
Tgt Ion: 75 Resp: 138337

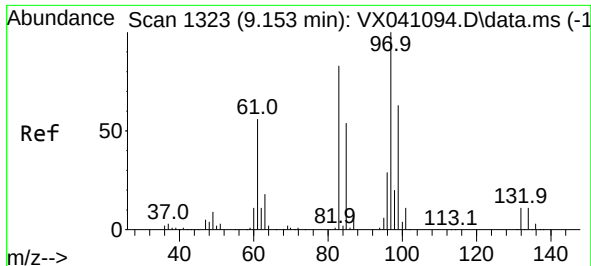
Ion Ratio Lower Upper

75 100

77 32.6 25.3 37.9

39 49.2 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 52.382 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

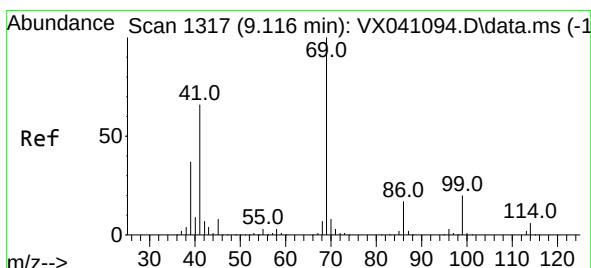
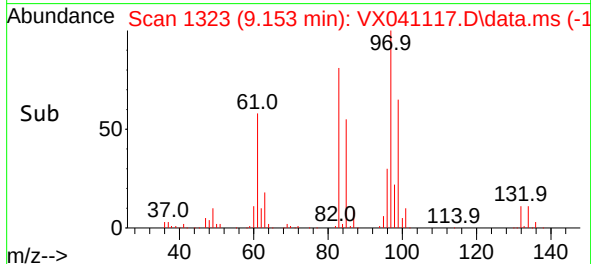
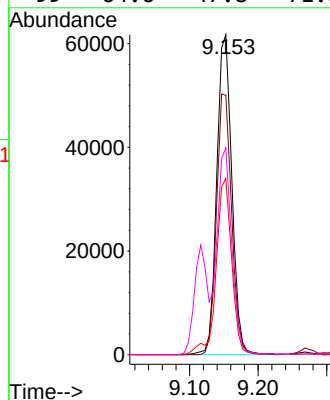
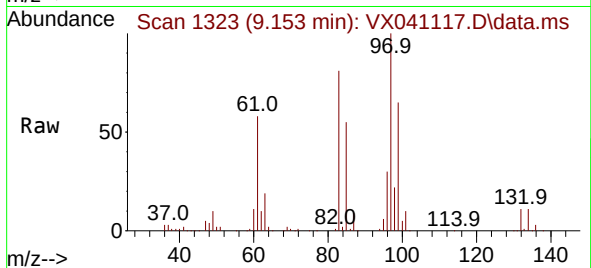
Tgt Ion: 97 Resp: 9443
Ion Ratio Lower Upper
97 100
83 81.1 65.8 98.8
85 55.1 41.6 62.4
99 64.6 47.8 71.8

Manual Integrations

APPROVED

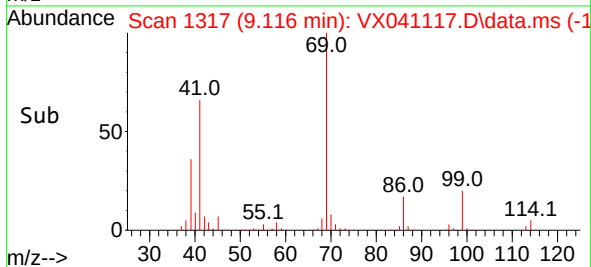
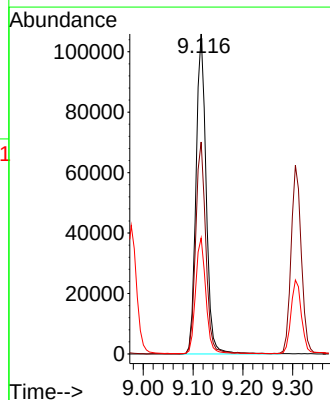
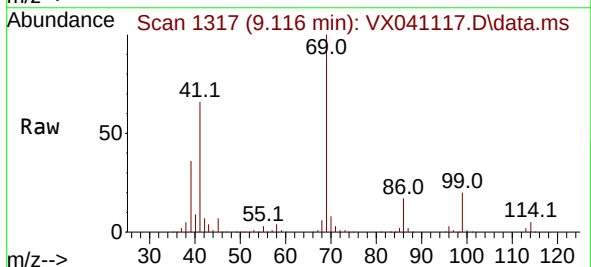
Reviewed By :John Carlone 04/17/2024

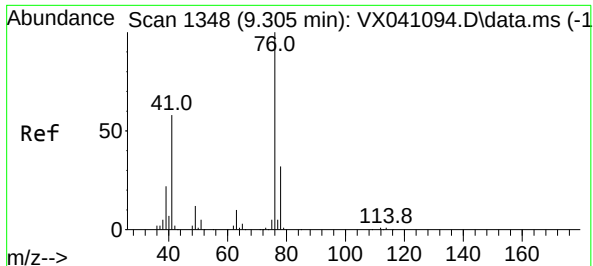
Supervised By :Mahesh Dadoda 04/17/2024



#56
Ethyl methacrylate
Concen: 51.198 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57

Tgt Ion: 69 Resp: 149125
Ion Ratio Lower Upper
69 100
41 66.9 56.8 85.2
39 37.0 32.0 48.0





#57

1,3-Dichloropropane

Concen: 52.019 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX041117.D

Acq: 16 Apr 2024 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 152808

Ion Ratio Lower Upper

76 100

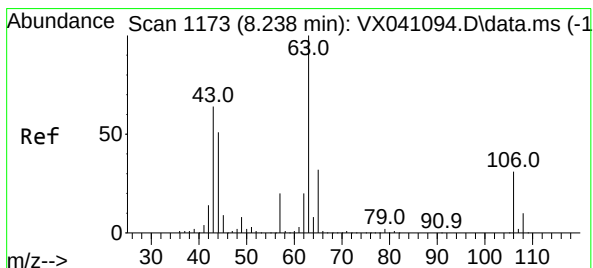
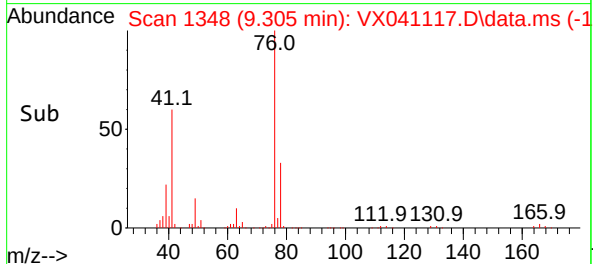
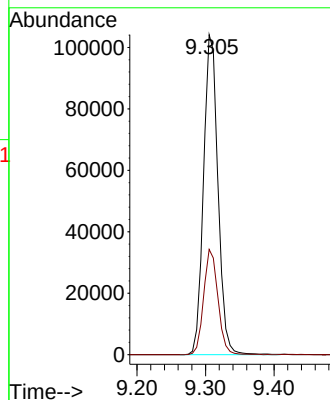
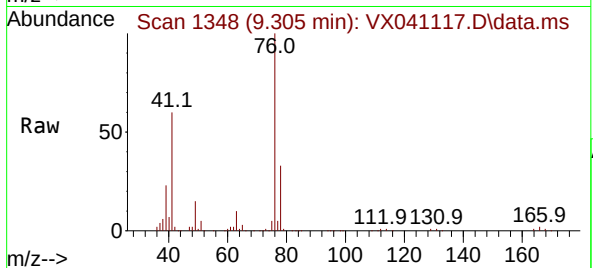
78 32.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#58

2-Chloroethyl Vinyl ether

Concen: 273.471 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX041117.D

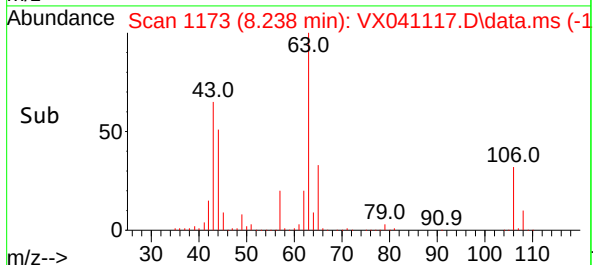
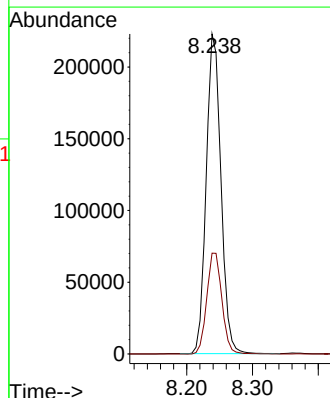
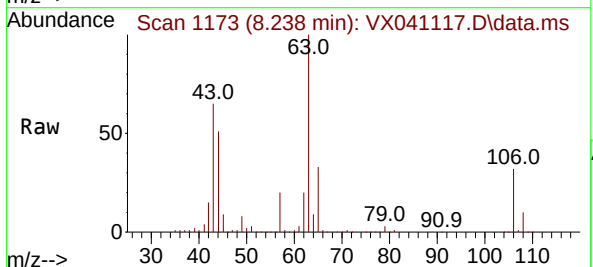
Acq: 16 Apr 2024 19:57

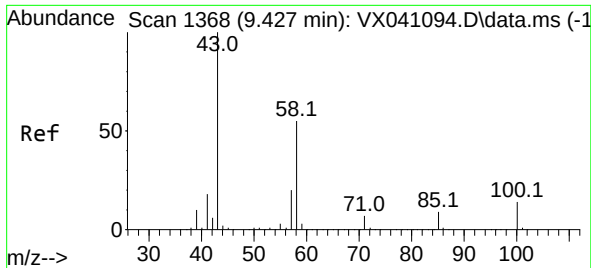
Tgt Ion: 63 Resp: 346718

Ion Ratio Lower Upper

63 100

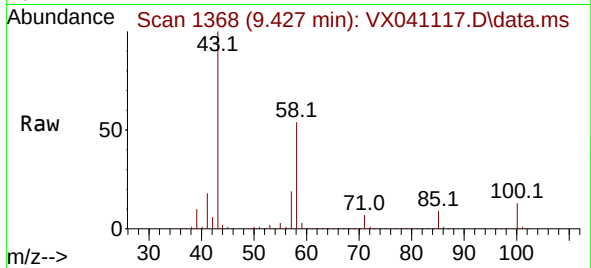
106 32.4 22.5 33.7





#59
2-Hexanone
Concen: 272.782 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57

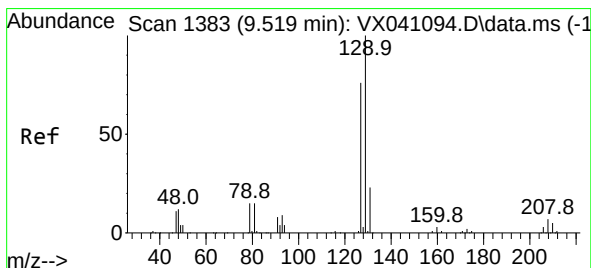
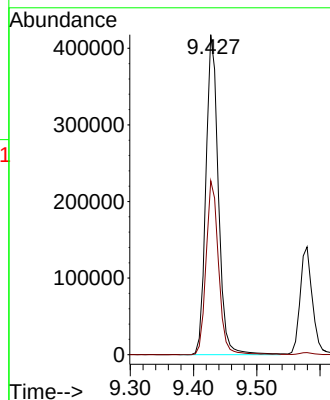
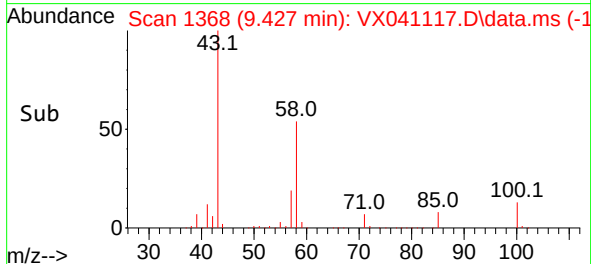
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 572789
Ion Ratio Lower Upper
43 100
58 54.6 26.2 78.5

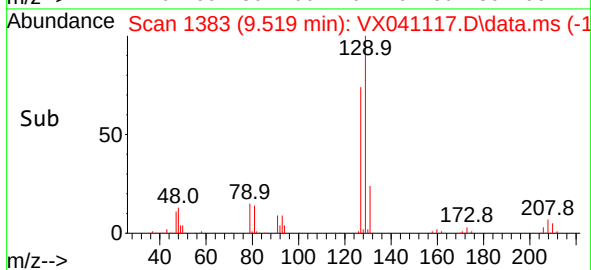
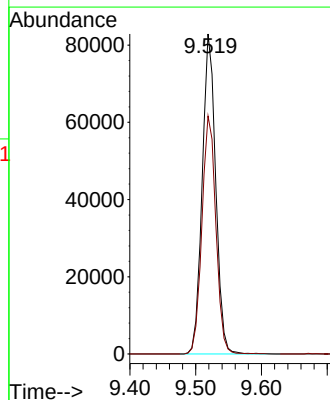
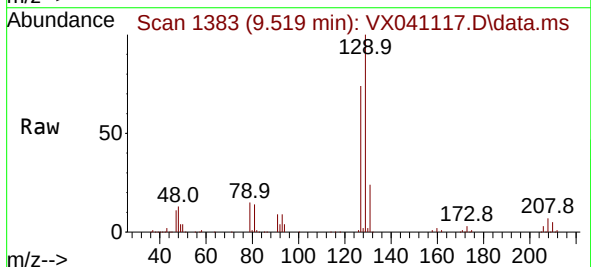
Manual Integrations
APPROVED

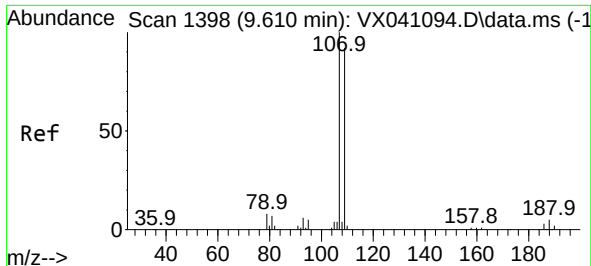
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#60
Dibromochloromethane
Concen: 54.153 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57

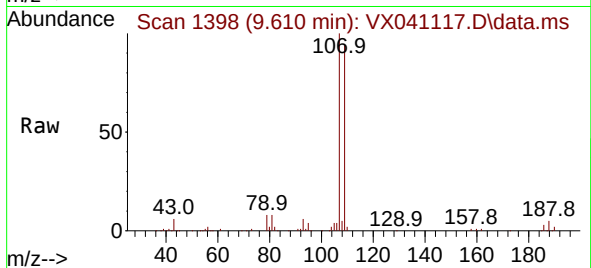
Tgt Ion:129 Resp: 118084
Ion Ratio Lower Upper
129 100
127 76.7 38.8 116.4





#61
1,2-Dibromoethane
Concen: 50.983 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57

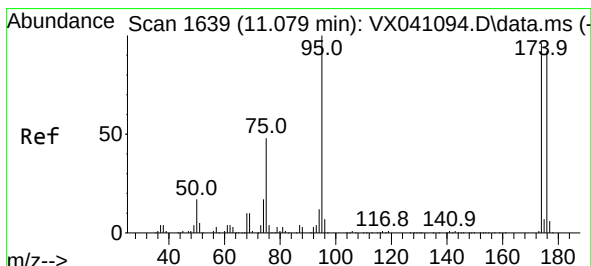
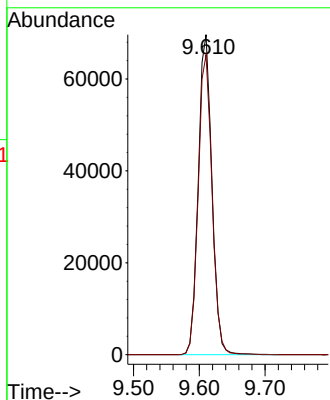
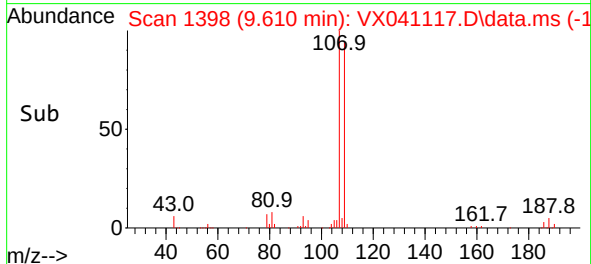
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 10039
Ion Ratio Lower Upper
107 100
109 94.9 75.2 112.8

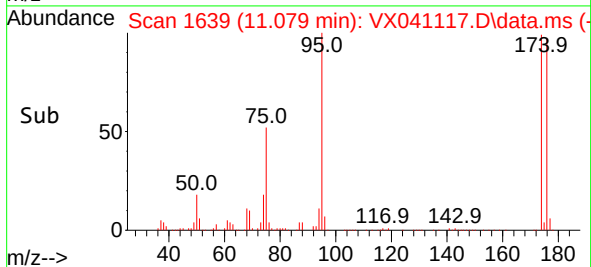
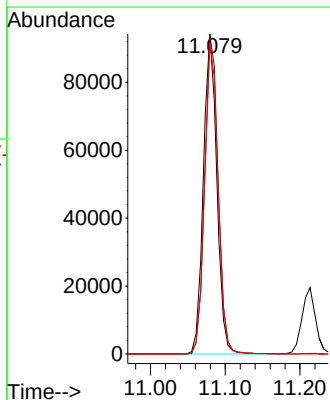
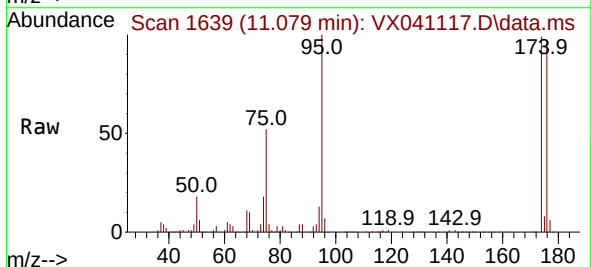
Manual Integrations
APPROVED

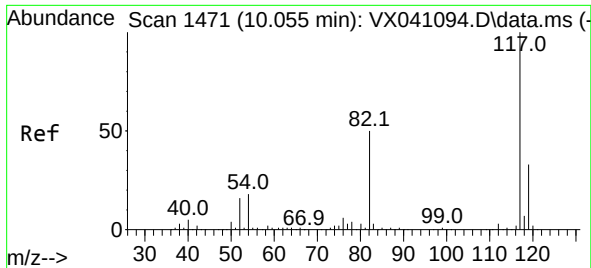
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#62
4-Bromofluorobenzene
Concen: 49.724 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57

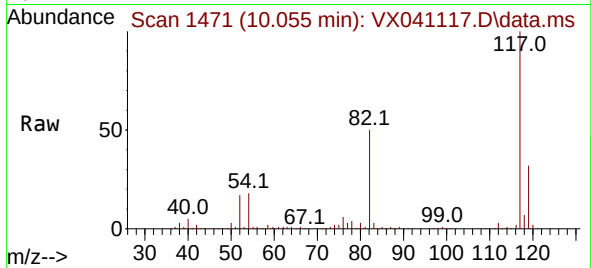
Tgt Ion: 95 Resp: 117669
Ion Ratio Lower Upper
95 100
174 100.2 0.0 135.6
176 96.8 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57

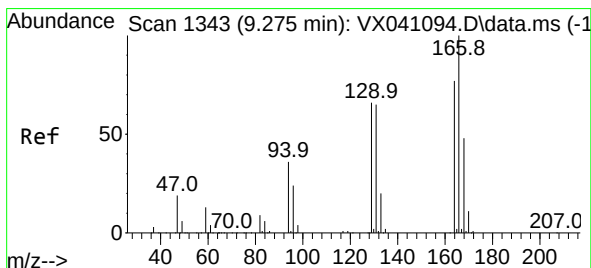
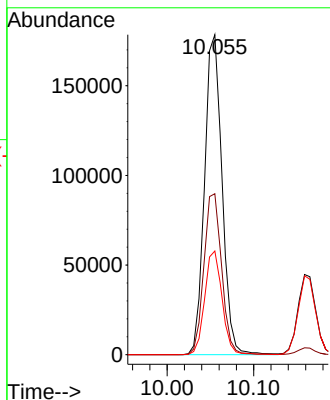
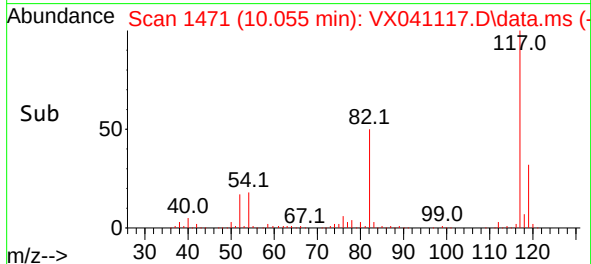
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 251000
Ion Ratio Lower Upper
117 100
82 50.3 46.2 69.4
119 32.4 25.5 38.3

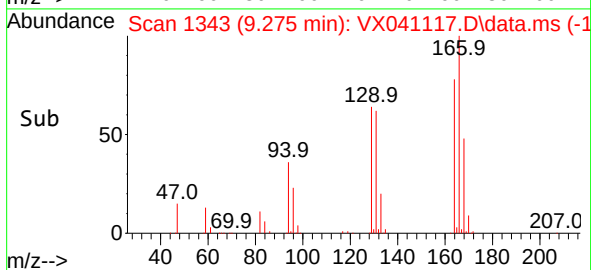
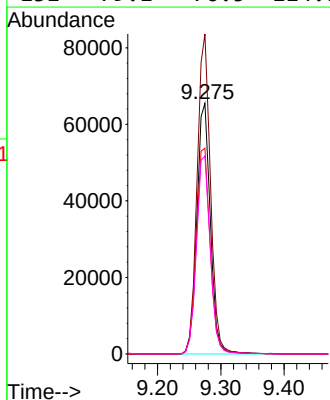
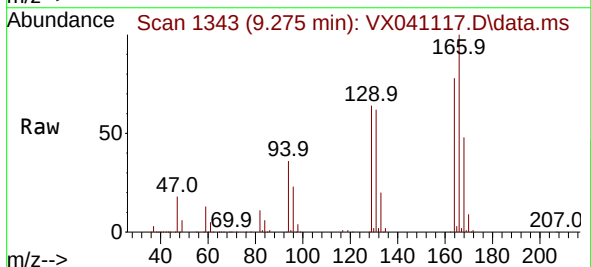
Manual Integrations
APPROVED

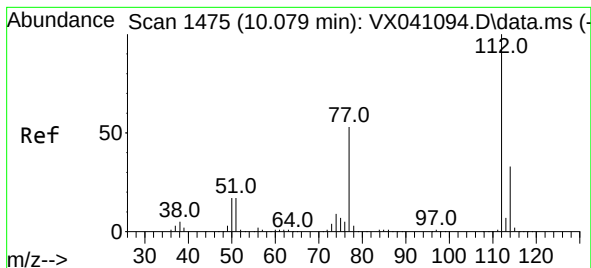
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#64
Tetrachloroethene
Concen: 48.730 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57

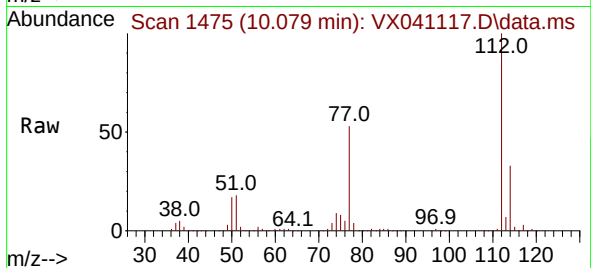
Tgt Ion:164 Resp: 97205
Ion Ratio Lower Upper
164 100
166 127.7 102.7 154.1
129 82.1 80.4 120.6
131 79.1 76.5 114.7





#65
Chlorobenzene
Concen: 48.026 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57

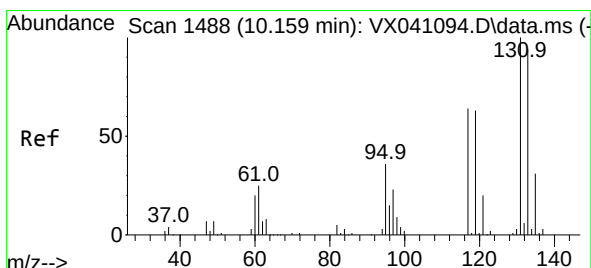
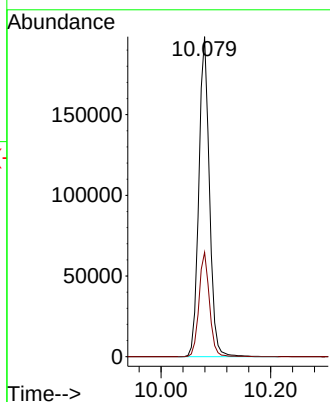
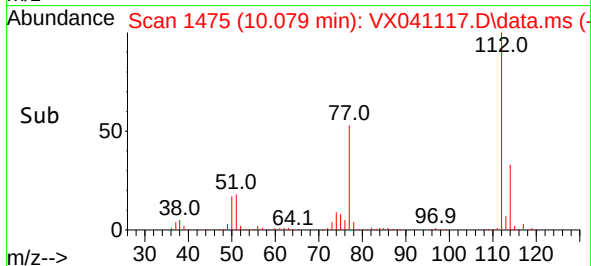
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



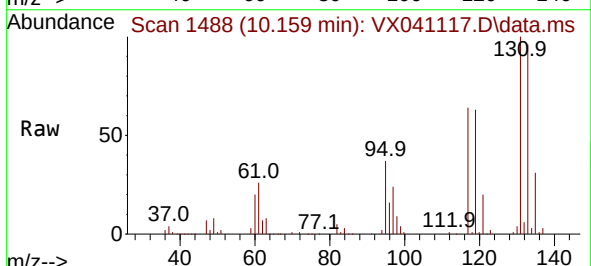
Tgt Ion:112 Resp: 266100
Ion Ratio Lower Upper
112 100
114 32.6 25.7 38.5

Manual Integrations
APPROVED

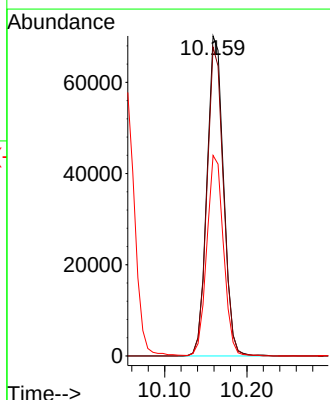
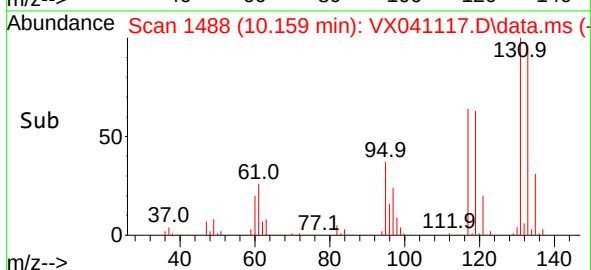
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024

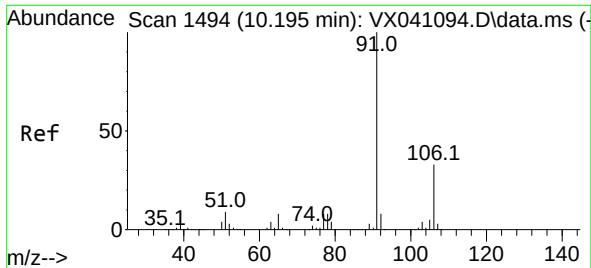


#66
1,1,1,2-Tetrachloroethane
Concen: 51.787 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57



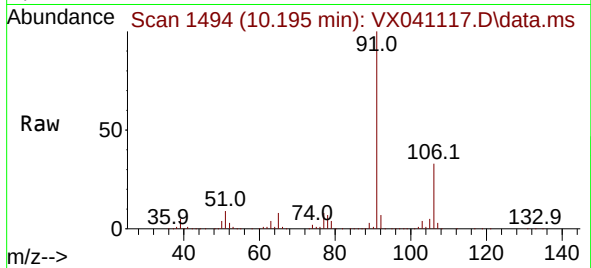
Tgt Ion:131 Resp: 98161
Ion Ratio Lower Upper
131 100
133 95.9 47.1 141.4
119 63.0 32.2 96.6





#67
Ethyl Benzene
Concen: 50.046 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57

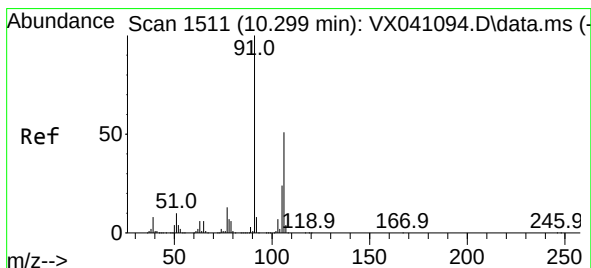
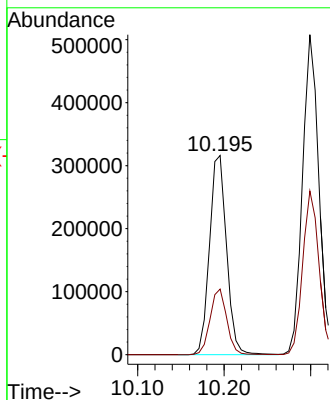
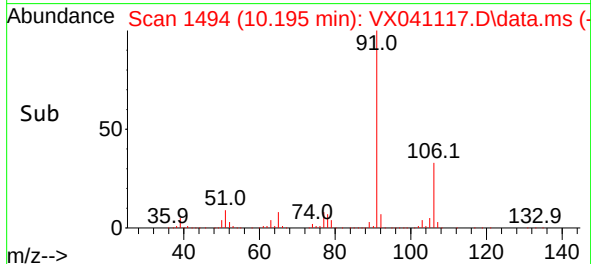
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



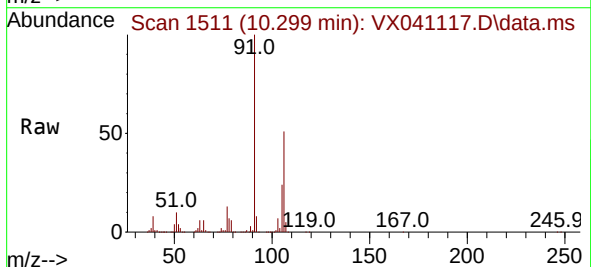
Tgt Ion: 91 Resp: 432709
Ion Ratio Lower Upper
91 100
106 32.9 24.9 37.3

Manual Integrations
APPROVED

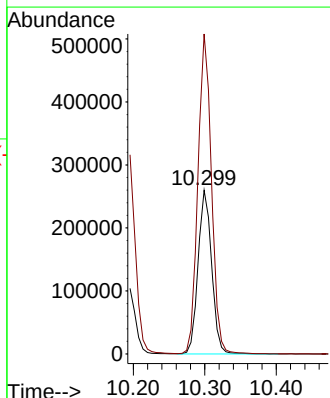
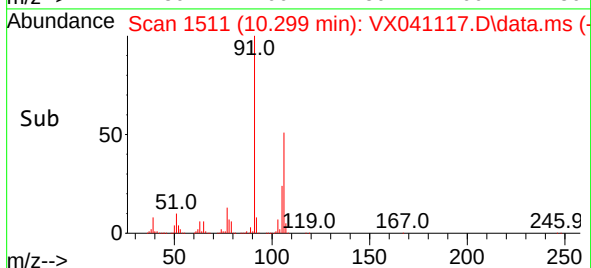
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024

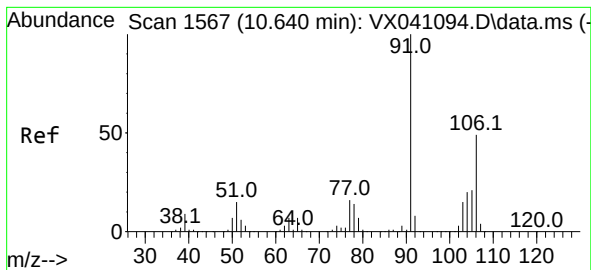


#68
m/p-Xylenes
Concen: 99.430 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57



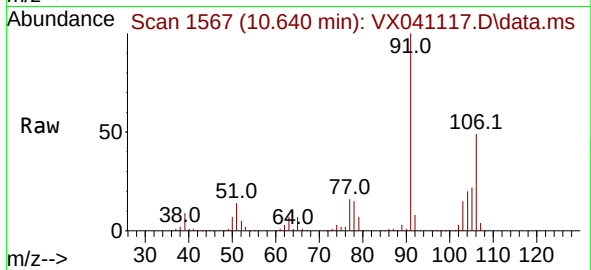
Tgt Ion:106 Resp: 341945
Ion Ratio Lower Upper
106 100
91 195.7 165.5 248.3





#69
o-Xylene
Concen: 50.205 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57

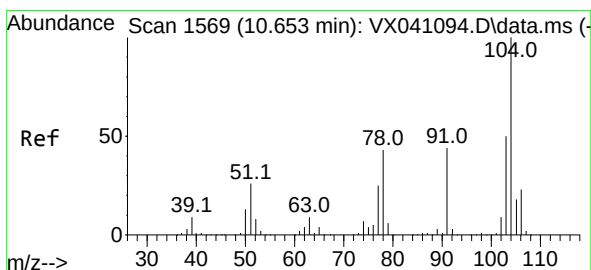
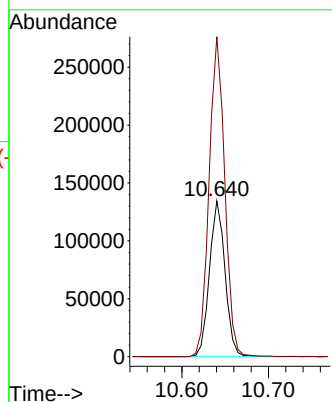
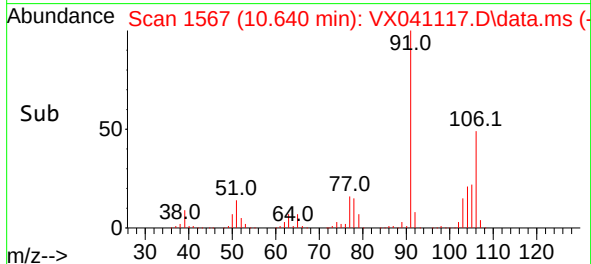
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 168070
Ion Ratio Lower Upper
106 100
91 206.4 108.9 326.8

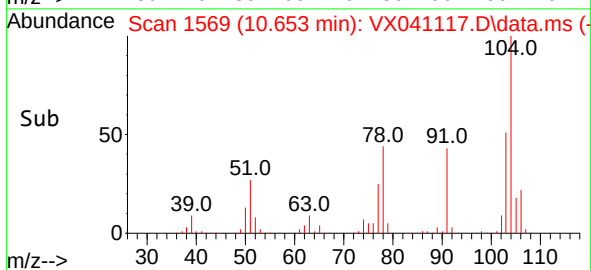
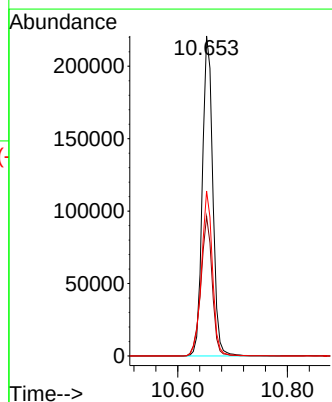
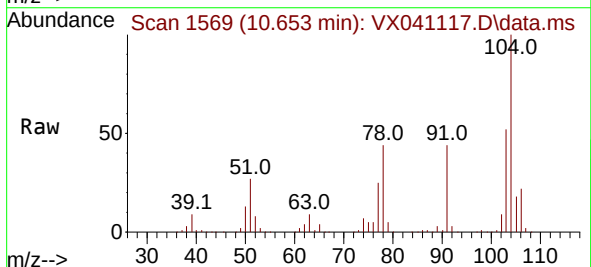
Manual Integrations
APPROVED

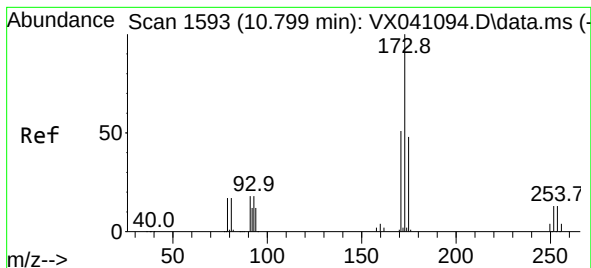
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#70
Styrene
Concen: 51.428 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57

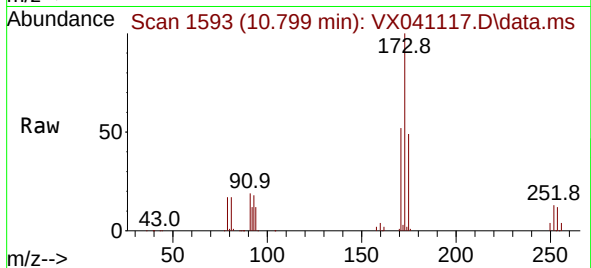
Tgt Ion:104 Resp: 292339
Ion Ratio Lower Upper
104 100
78 47.1 43.6 65.4
103 54.4 43.6 65.4





#71
Bromoform
Concen: 54.190 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57

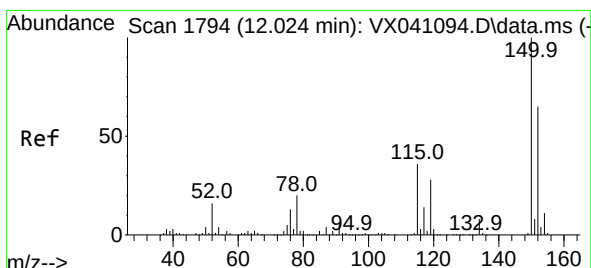
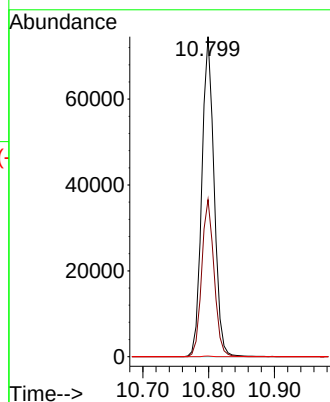
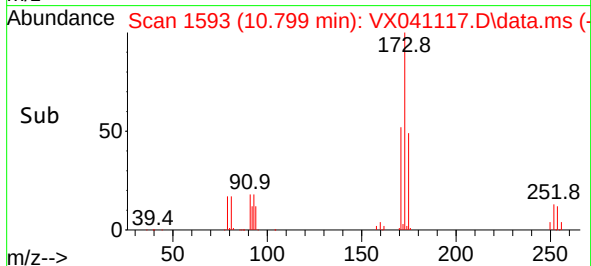
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 96740
Ion Ratio Lower Upper
173 100
175 49.5 24.1 72.4
254 0.1 0.0 0.0

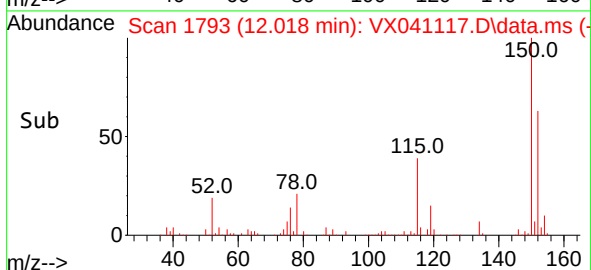
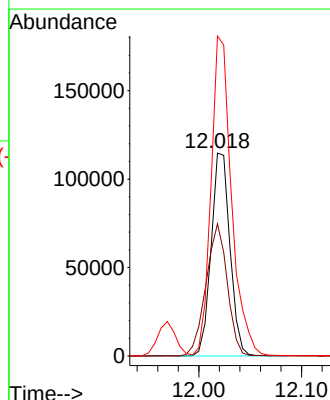
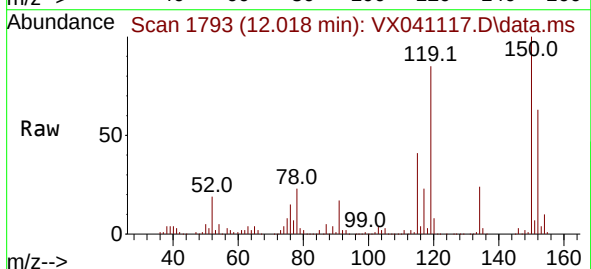
Manual Integrations
APPROVED

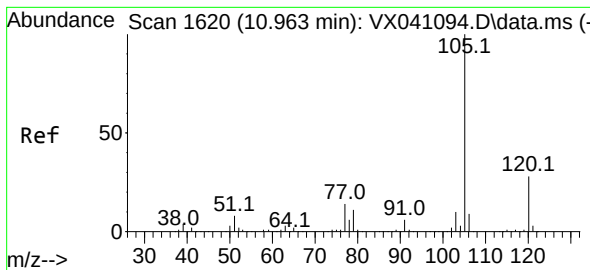
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57

Tgt Ion:152 Resp: 146143
Ion Ratio Lower Upper
152 100
115 73.8 43.3 129.9
150 171.5 0.0 345.0





#73

Isopropylbenzene

Concen: 50.648 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX041117.D

Acq: 16 Apr 2024 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 43661

Ion Ratio Lower Upper

105 100

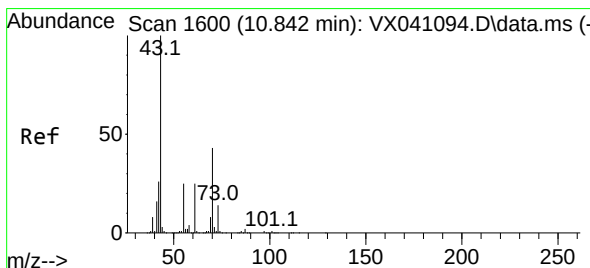
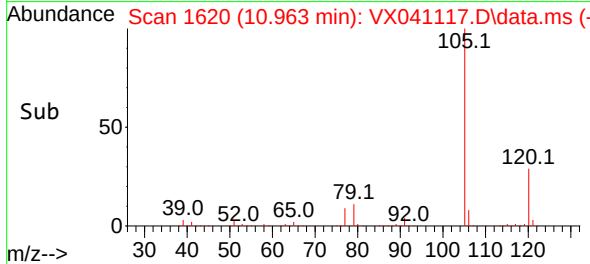
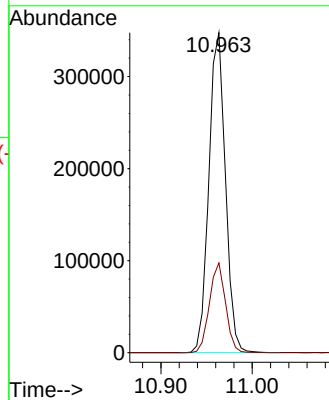
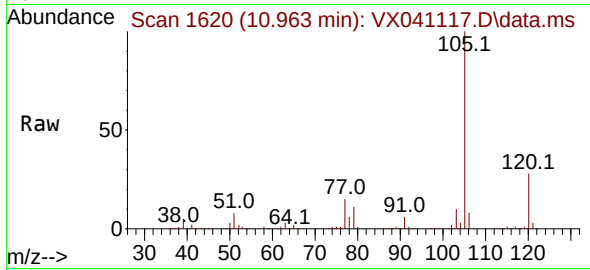
120 27.3 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#74

N-ethyl acetate

Concen: 55.117 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX041117.D

Acq: 16 Apr 2024 19:57

Tgt Ion: 43 Resp: 188485

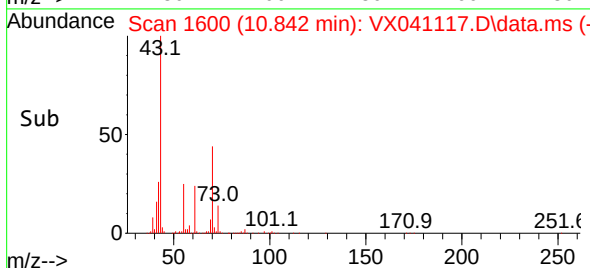
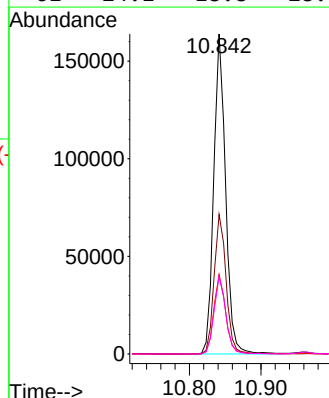
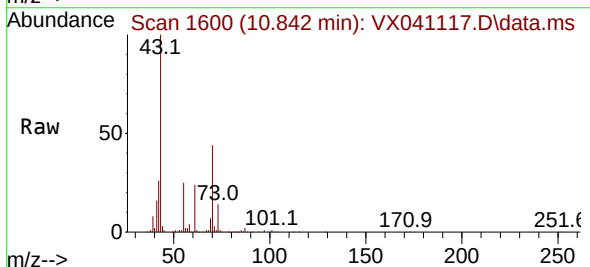
Ion Ratio Lower Upper

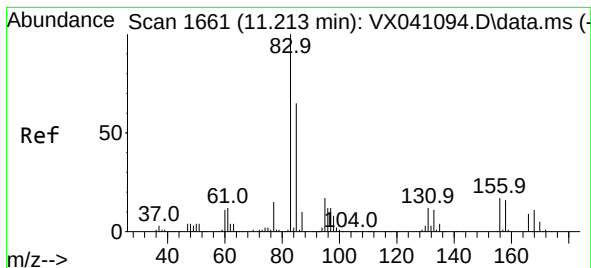
43 100

70 44.4 32.9 49.3

55 25.1 19.3 28.9

61 24.1 18.8 28.2





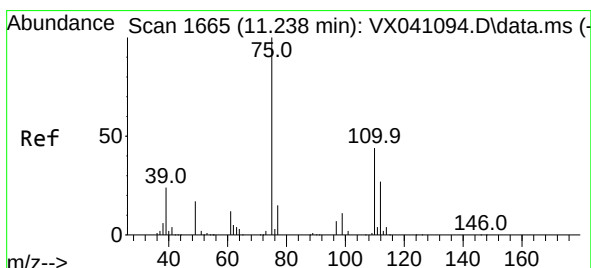
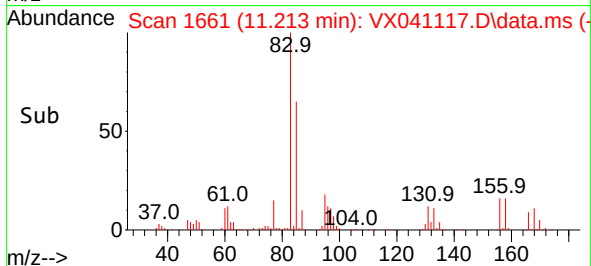
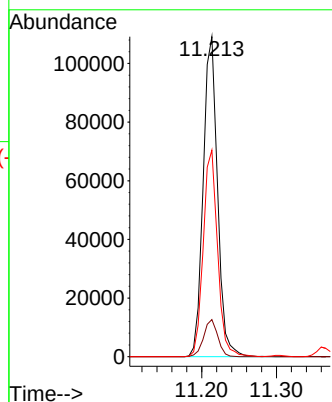
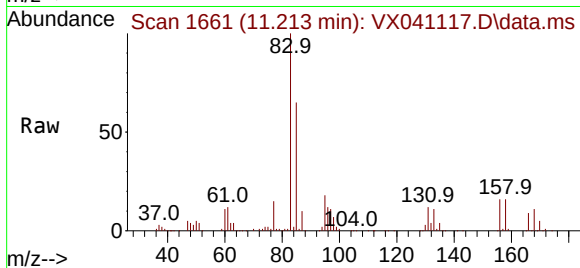
#75
1,1,2,2-Tetrachloroethane
Concen: 51.330 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 145199
Ion Ratio Lower Upper
83 100
131 11.4 5.3 15.8
85 64.6 32.0 96.2

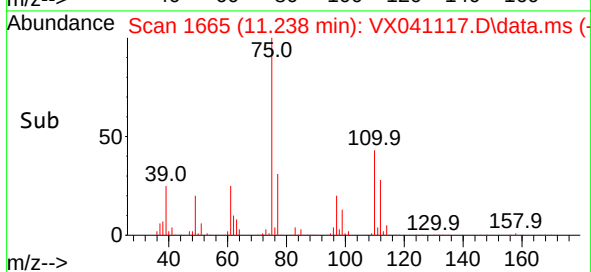
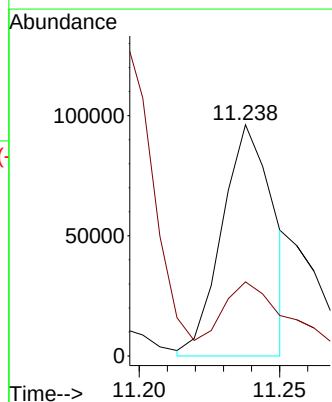
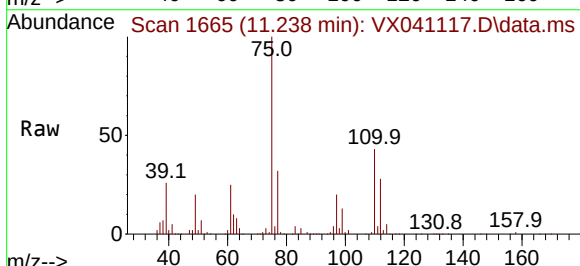
Manual Integrations
APPROVED

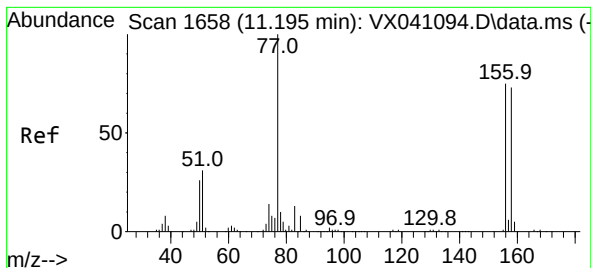
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#76
1,2,3-Trichloropropane
Concen: 51.190 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57

Tgt Ion: 75 Resp: 121913
Ion Ratio Lower Upper
75 100
77 42.8 19.1 57.5





#77

Bromobenzene

Concen: 50.038 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX041117.D

Acq: 16 Apr 2024 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:156 Resp: 126638

Ion Ratio Lower Upper

156 100

77 130.4 88.4 265.3

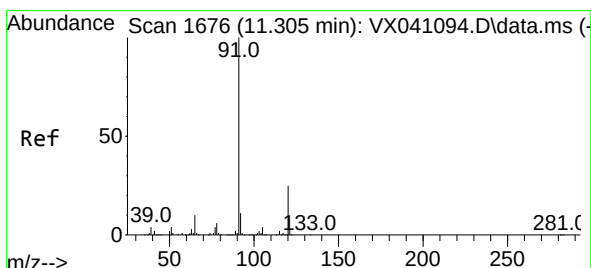
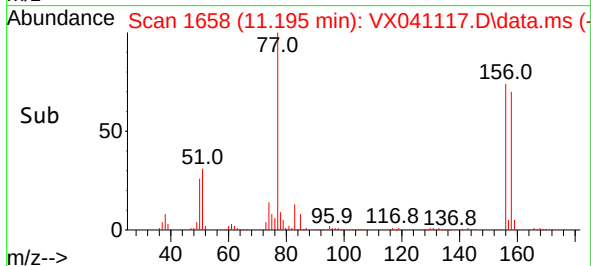
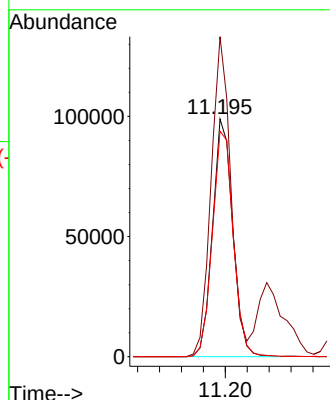
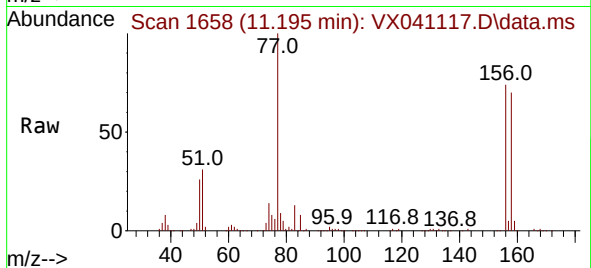
158 98.1 48.0 144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#78

n-propylbenzene

Concen: 50.647 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX041117.D

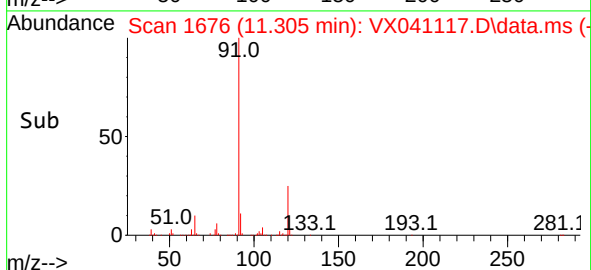
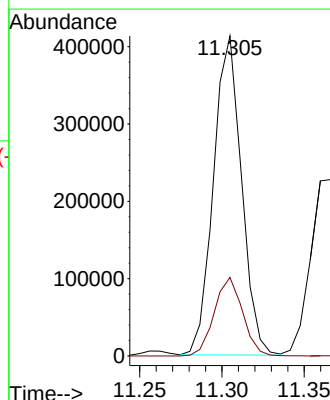
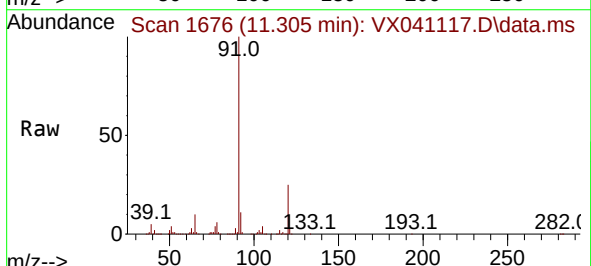
Acq: 16 Apr 2024 19:57

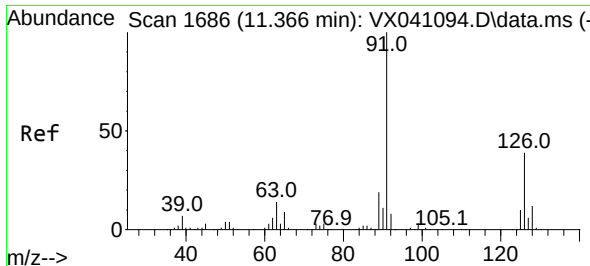
Tgt Ion: 91 Resp: 489613

Ion Ratio Lower Upper

91 100

120 24.9 11.5 34.4





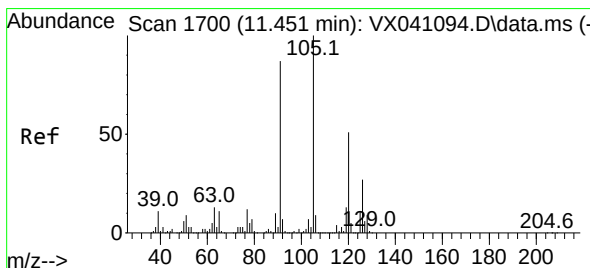
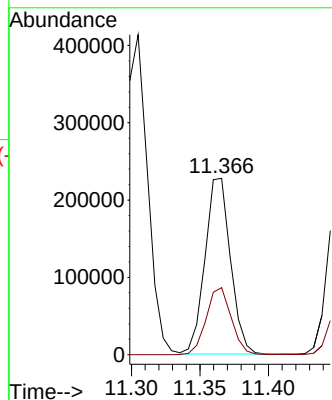
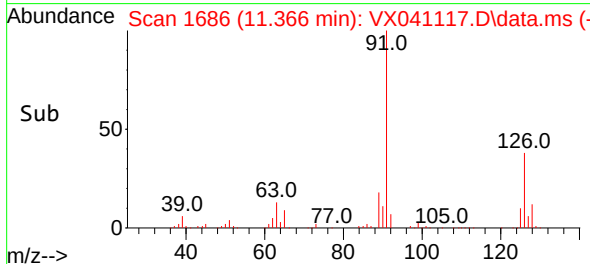
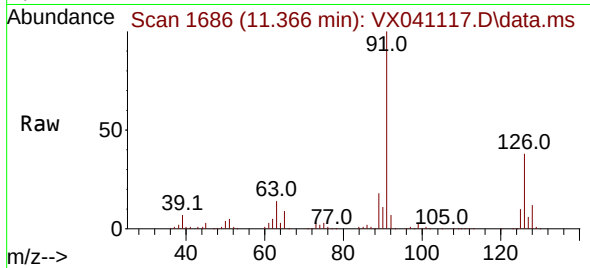
#79
2-Chlorotoluene
Concen: 50.004 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 294689
Ion Ratio Lower Upper
91 100
126 37.3 16.3 48.8

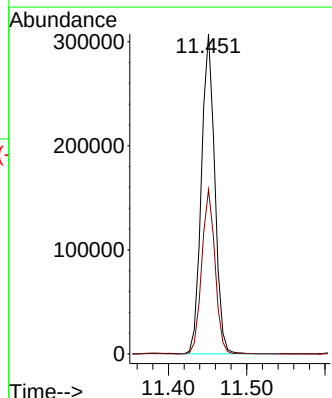
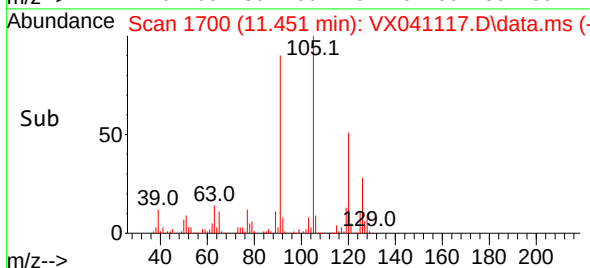
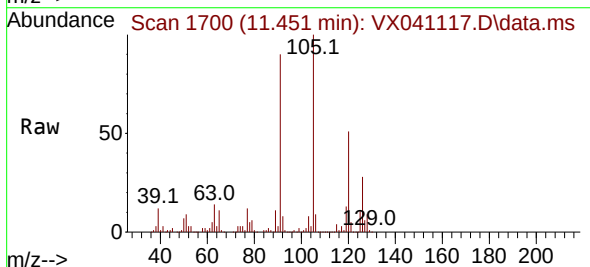
Manual Integrations
APPROVED

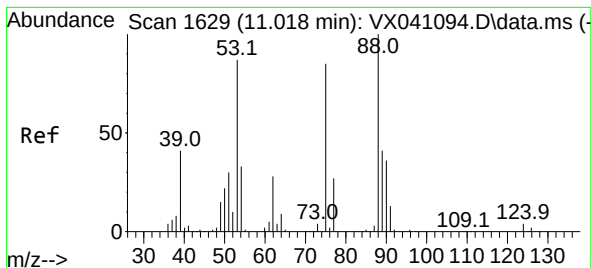
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#80
1,3,5-Trimethylbenzene
Concen: 50.700 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57

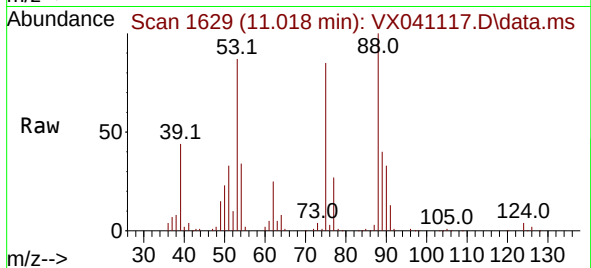
Tgt Ion:105 Resp: 364075
Ion Ratio Lower Upper
105 100
120 51.0 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 46.909 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57

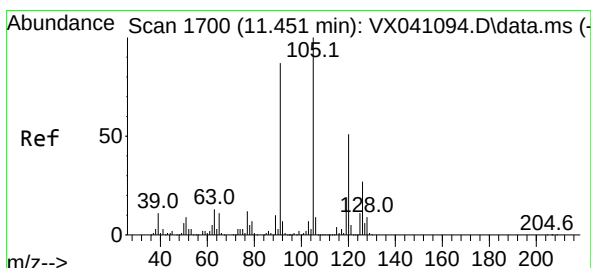
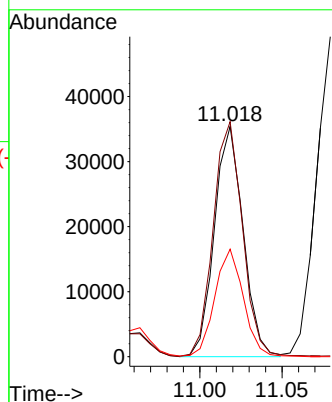
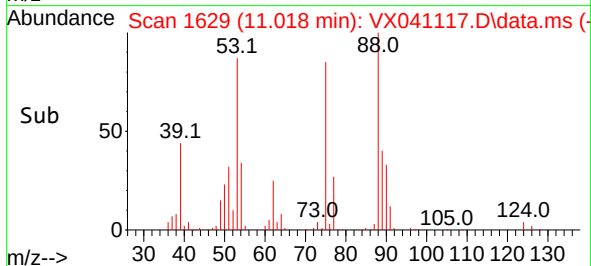
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 43061
Ion Ratio Lower Upper
75 100
53 103.2 90.5 135.7
89 46.4 36.9 55.3

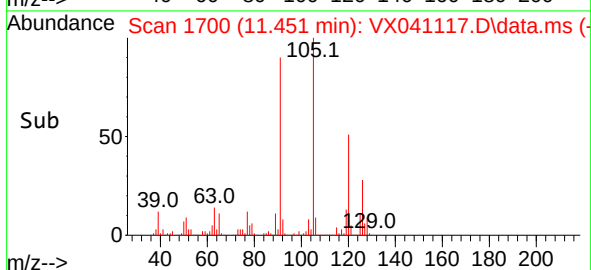
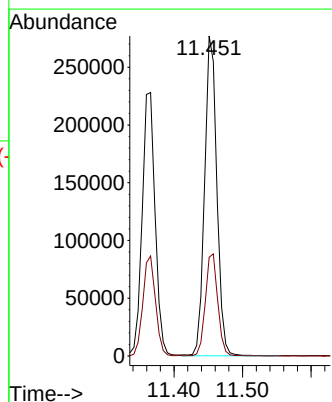
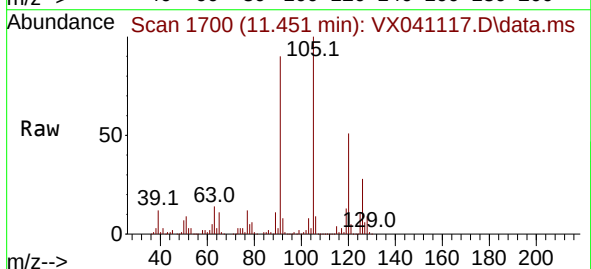
Manual Integrations
APPROVED

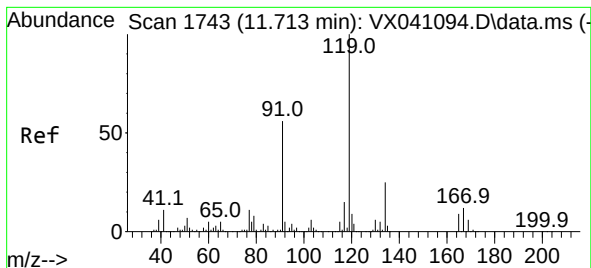
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#82
4-Chlorotoluene
Concen: 50.178 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57

Tgt Ion: 91 Resp: 344312
Ion Ratio Lower Upper
91 100
126 32.4 14.2 42.6





#83

tert-Butylbenzene

Concen: 50.390 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX041117.D

Acq: 16 Apr 2024 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

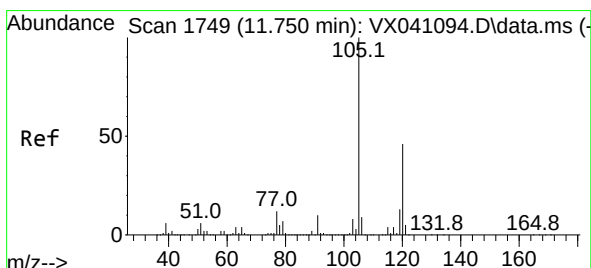
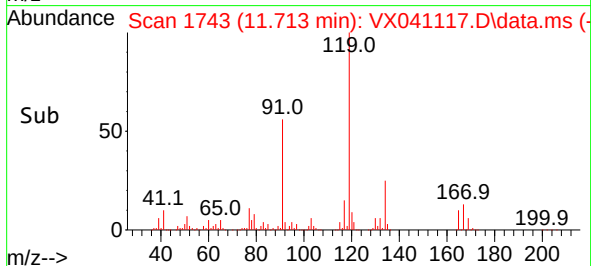
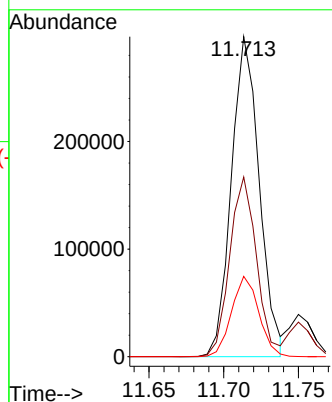
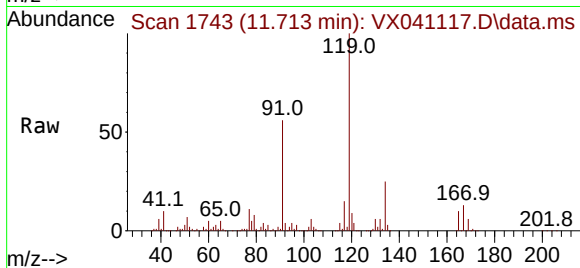
Tgt Ion:	119	Resp:	38592
Ion Ratio	Lower	Upper	
119	100		
91	54.1	31.2	93.6
134	24.6	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#84

1,2,4-Trimethylbenzene

Concen: 51.144 ug/l

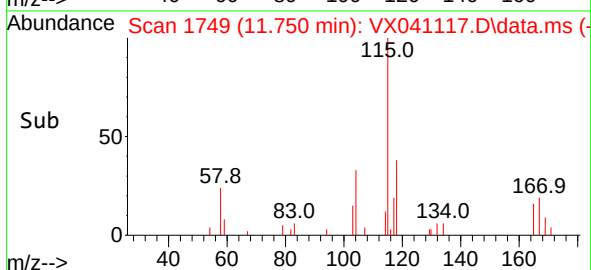
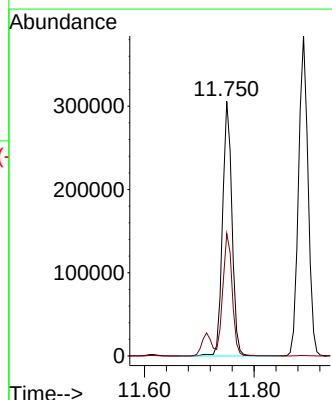
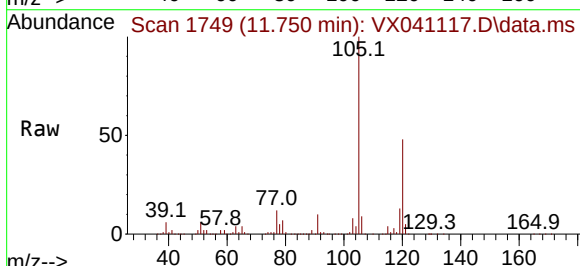
RT: 11.750 min Scan# 1749

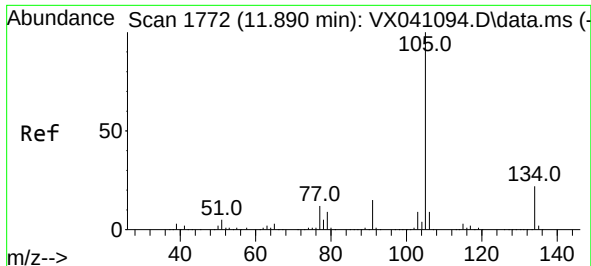
Delta R.T. 0.000 min

Lab File: VX041117.D

Acq: 16 Apr 2024 19:57

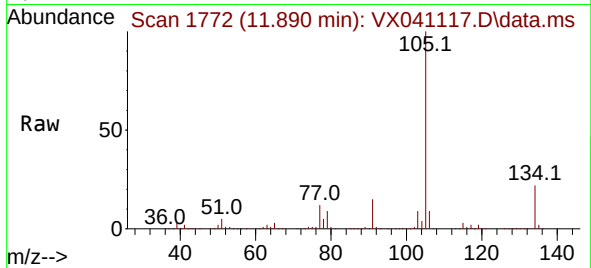
Tgt Ion:	105	Resp:	366531
Ion Ratio	Lower	Upper	
105	100		
120	47.1	21.2	63.6





#85
 sec-Butylbenzene
 Concen: 50.163 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX041117.D
 Acq: 16 Apr 2024 19:57

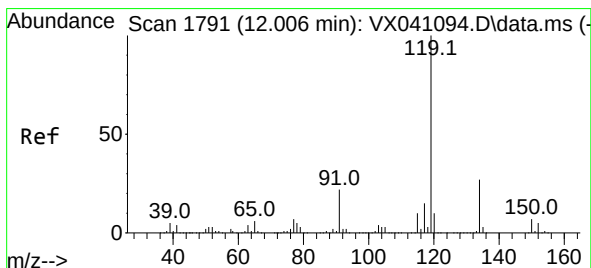
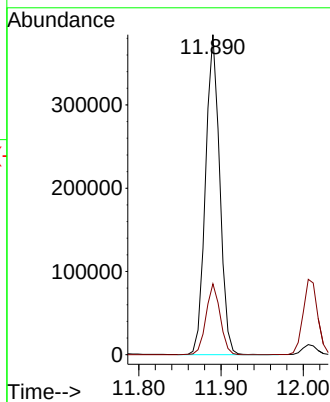
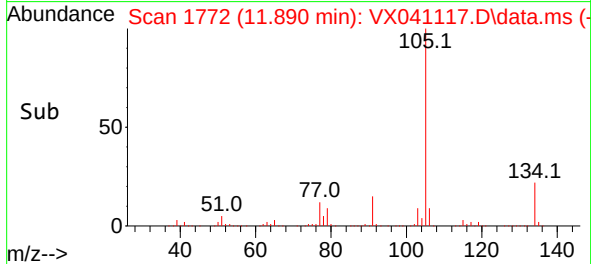
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



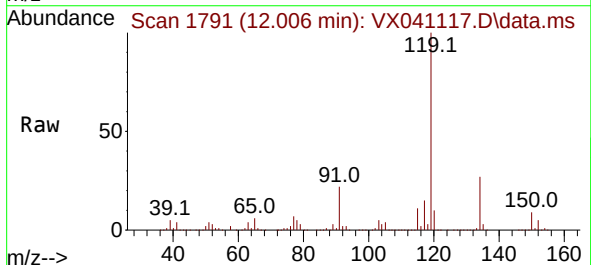
Tgt Ion:105 Resp: 460974
 Ion Ratio Lower Upper
 105 100
 134 22.0 9.8 29.4

Manual Integrations
 APPROVED

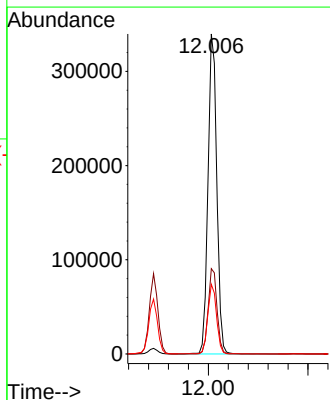
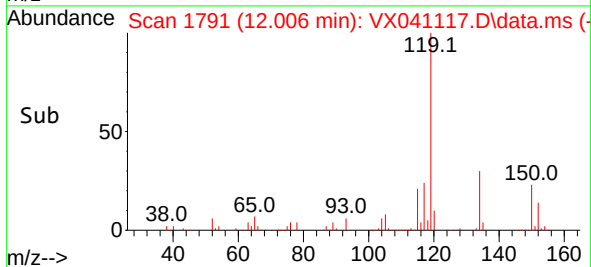
Reviewed By :John Carlone 04/17/2024
 Supervised By :Mahesh Dadoda 04/17/2024

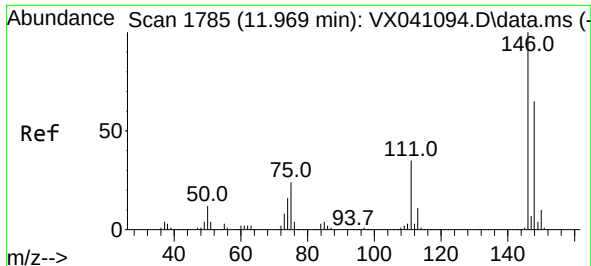


#86
 p-Isopropyltoluene
 Concen: 50.798 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX041117.D
 Acq: 16 Apr 2024 19:57



Tgt Ion:119 Resp: 414288
 Ion Ratio Lower Upper
 119 100
 134 26.9 12.8 38.3
 91 21.6 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 48.071 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX041117.D

Acq: 16 Apr 2024 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 229510

Ion Ratio Lower Upper

146 100

111 35.9 22.1 66.1

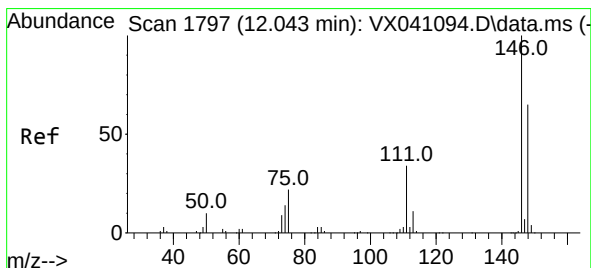
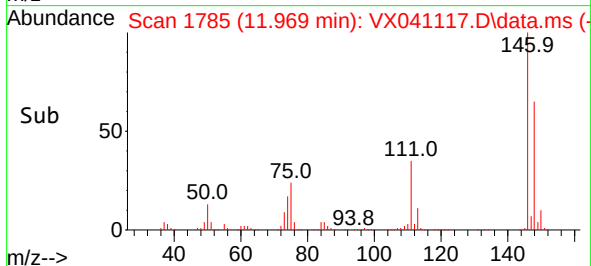
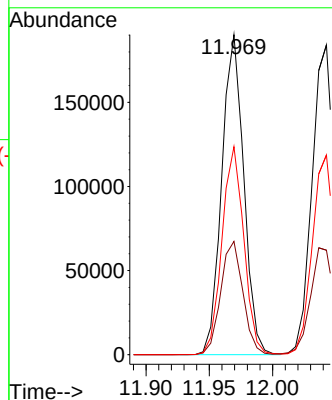
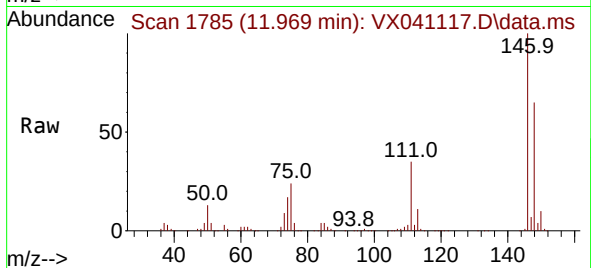
148 64.5 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#88

1,4-Dichlorobenzene

Concen: 46.490 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX041117.D

Acq: 16 Apr 2024 19:57

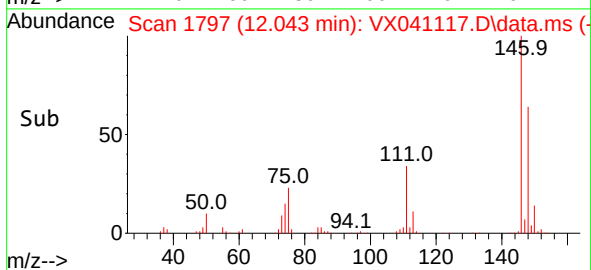
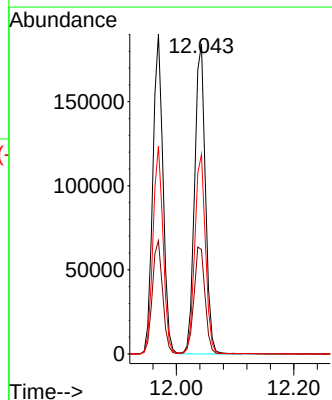
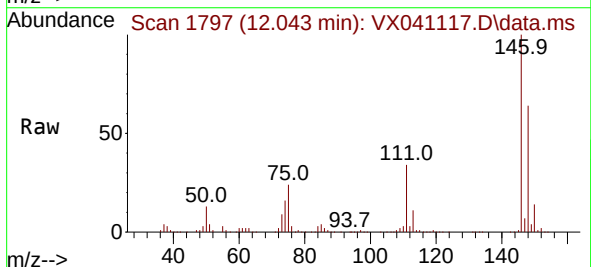
Tgt Ion:146 Resp: 234083

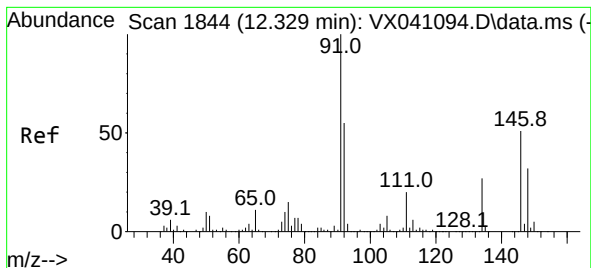
Ion Ratio Lower Upper

146 100

111 35.6 21.3 63.7

148 64.3 31.8 95.4





#89

n-Butylbenzene

Concen: 49.798 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX041117.D

Acq: 16 Apr 2024 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

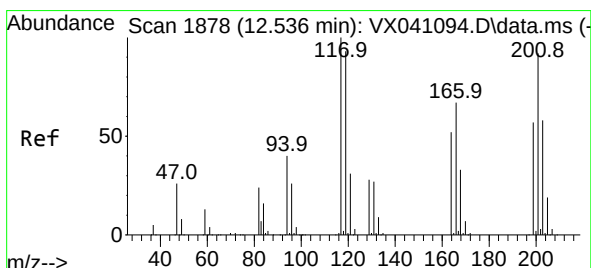
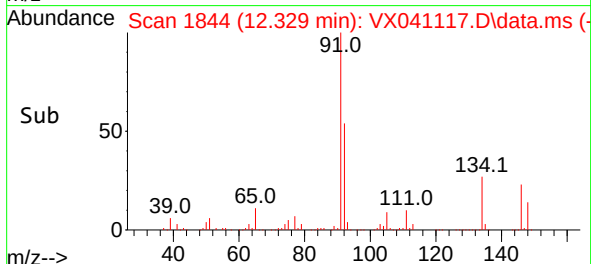
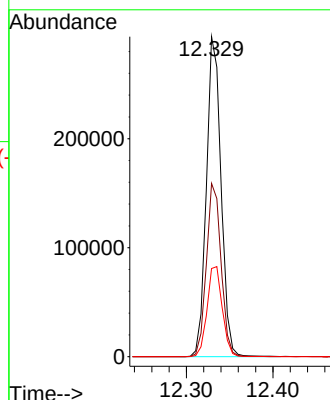
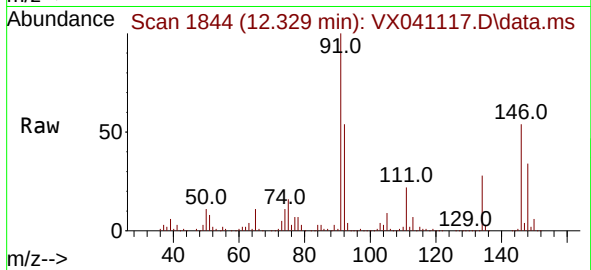
Tgt Ion: 91 Resp: 34455
 Ion Ratio Lower Upper
 91 100
 92 54.3 27.4 82.0
 134 29.3 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#90

Hexachloroethane

Concen: 51.029 ug/l

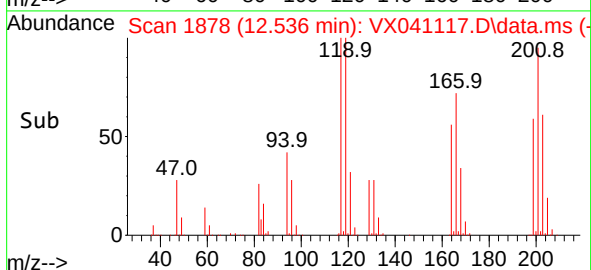
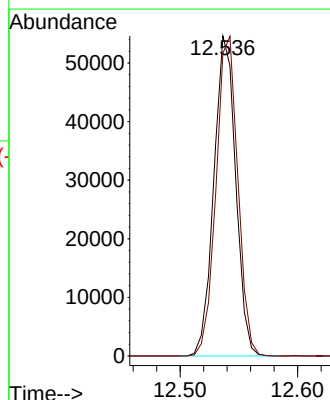
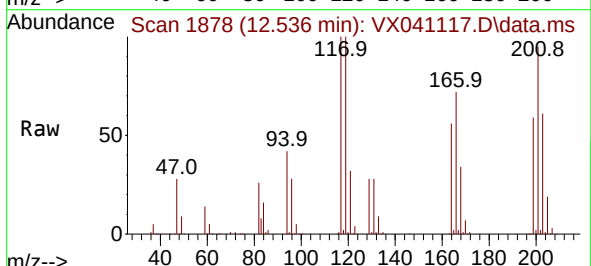
RT: 12.536 min Scan# 1878

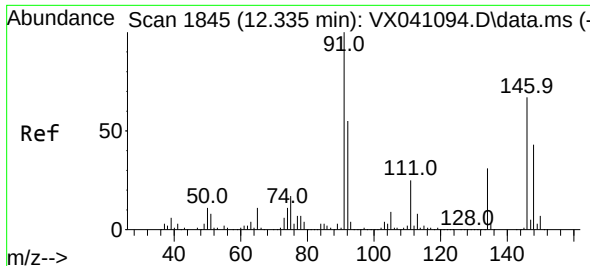
Delta R.T. 0.000 min

Lab File: VX041117.D

Acq: 16 Apr 2024 19:57

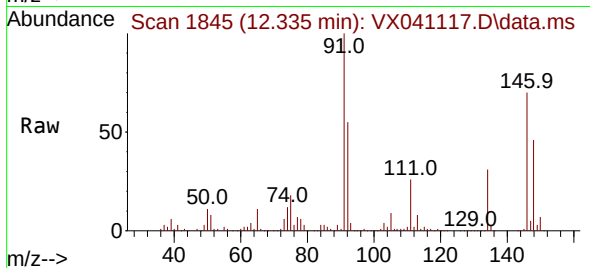
Tgt Ion:117 Resp: 70473
 Ion Ratio Lower Upper
 117 100
 201 99.7 32.9 98.6#





#91
1,2-Dichlorobenzene
Concen: 48.581 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57

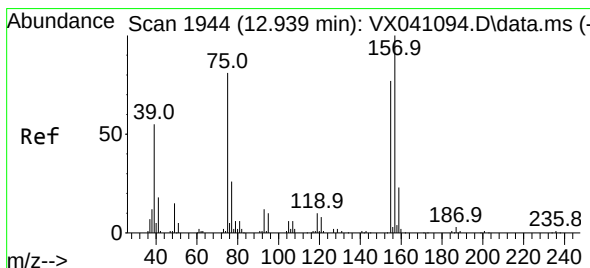
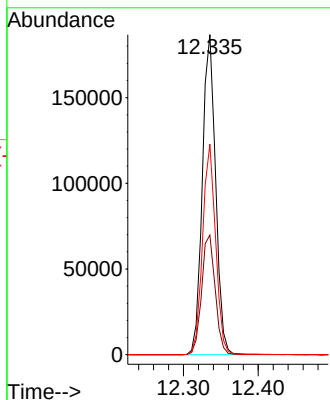
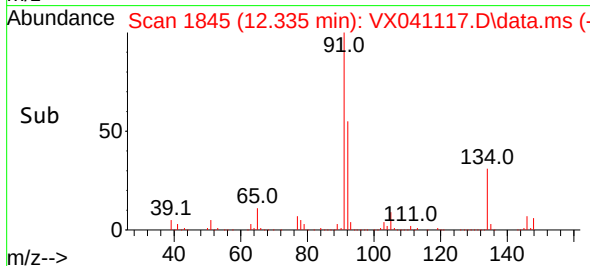
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



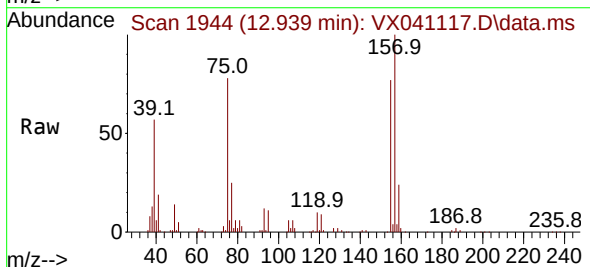
Tgt Ion:146 Resp: 230168
Ion Ratio Lower Upper
146 100
111 38.3 22.4 67.0
148 64.6 31.6 95.0

Manual Integrations
APPROVED

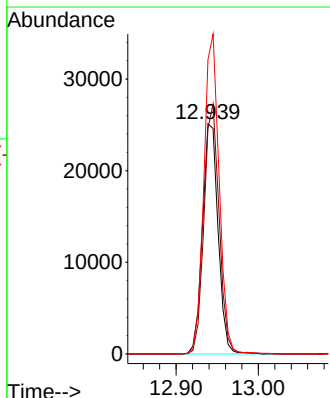
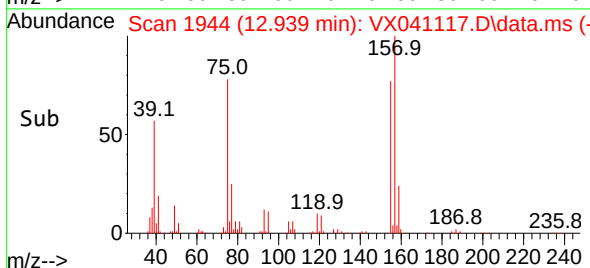
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024

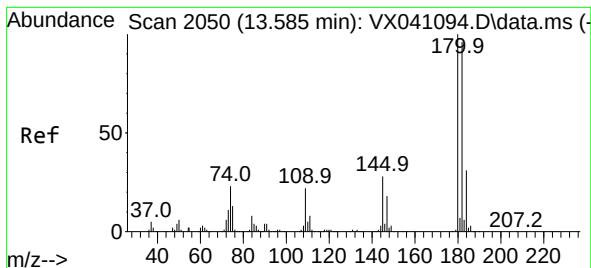


#92
1,2-Dibromo-3-Chloropropane
Concen: 54.056 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57



Tgt Ion: 75 Resp: 33166
Ion Ratio Lower Upper
75 100
155 104.9 36.1 108.5
157 136.0 44.9 134.7#





#93

1,2,4-Trichlorobenzene

Concen: 48.613 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX041117.D

Acq: 16 Apr 2024 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

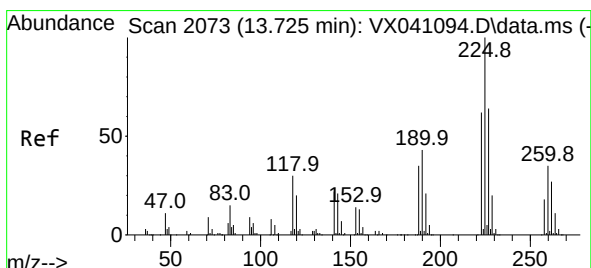
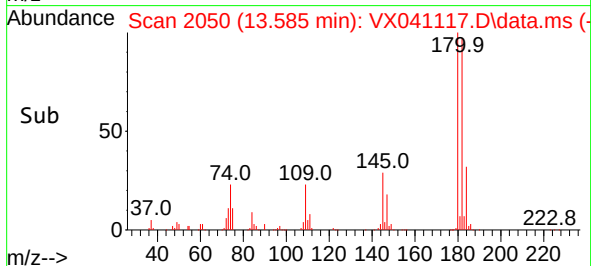
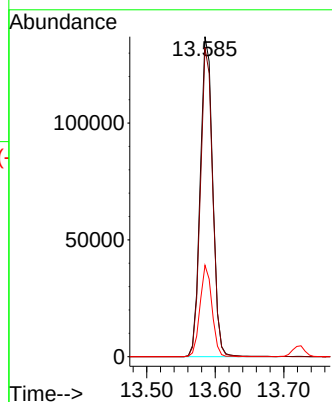
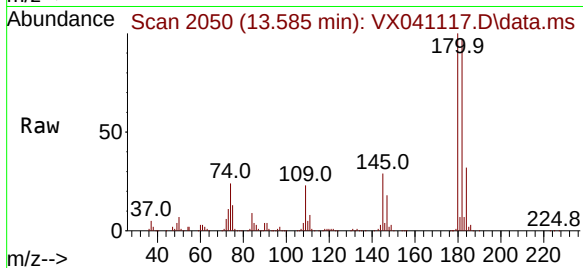
Tgt Ion:	180	Resp:	173099
Ion Ratio	Lower	Upper	
180	100		
182	95.5	48.3	144.8
145	27.5	18.0	54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#94

Hexachlorobutadiene

Concen: 47.353 ug/l

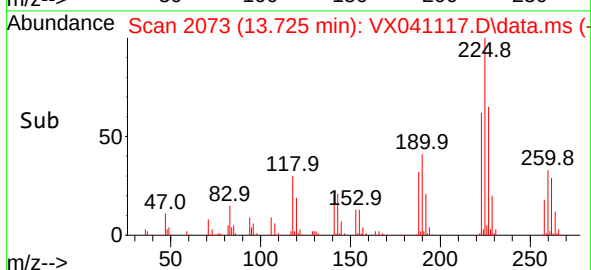
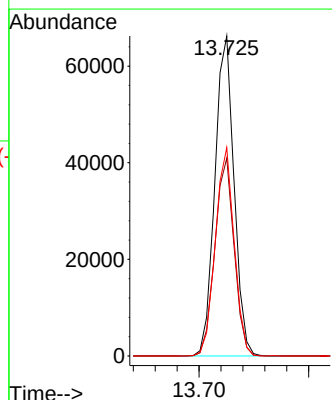
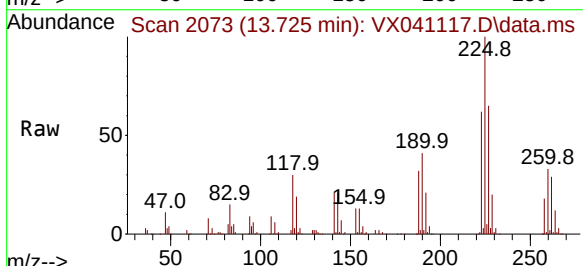
RT: 13.725 min Scan# 2073

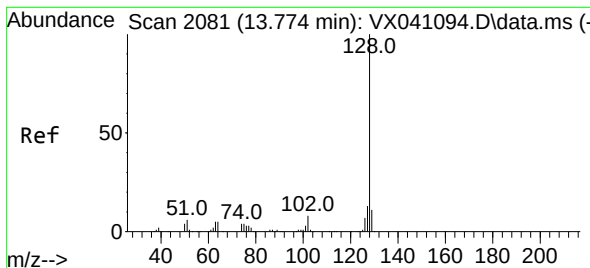
Delta R.T. 0.000 min

Lab File: VX041117.D

Acq: 16 Apr 2024 19:57

Tgt Ion:	225	Resp:	80381
Ion Ratio	Lower	Upper	
225	100		
223	61.9	31.1	93.2
227	64.1	32.5	97.5





#95

Naphthalene

Concen: 53.046 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX041117.D

Acq: 16 Apr 2024 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

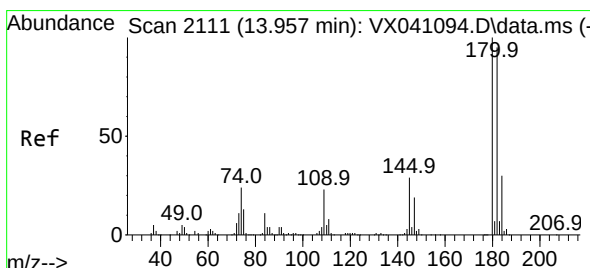
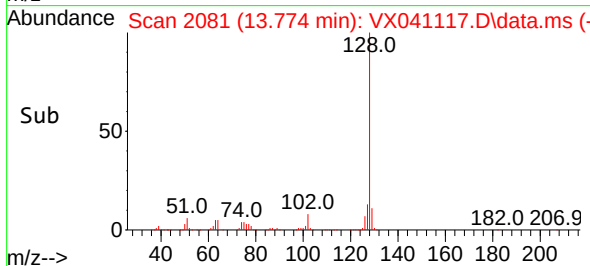
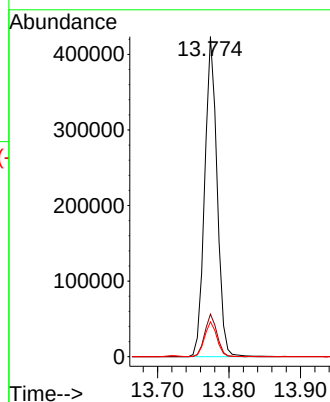
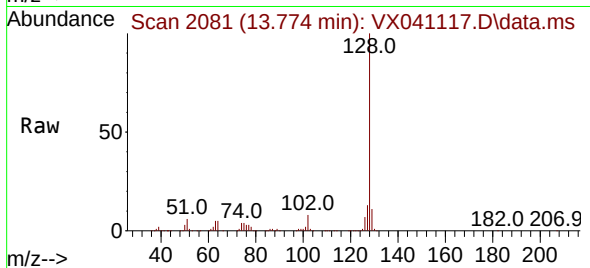
Tgt Ion:	128	Resp:	51016
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.3	15.5
129	10.9	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#96

1,2,3-Trichlorobenzene

Concen: 49.158 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX041117.D

Acq: 16 Apr 2024 19:57

Tgt Ion:	180	Resp:	173806
Ion Ratio	Lower	Upper	
180	100		
182	96.9	46.9	140.6
145	29.0	17.8	53.5

