

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042424\
 Data File : VX041233.D
 Acq On : 24 Apr 2024 14:50
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/25/2024
 Supervised By : Mahesh Dadoda 04/25/2024

Quant Time: Apr 25 05:54:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042224W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:30:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.543	168	235759	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	322828	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	295790	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	144584	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	102668	45.747	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.500%		
35) Dibromofluoromethane	5.379	113	89997	45.830	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.660%		
50) Toluene-d8	8.647	98	300052	45.288	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	90.580%#		
62) 4-Bromofluorobenzene	11.079	95	99203	40.567	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	81.140%#		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	88928	47.690	ug/l	99
3) Chloromethane	1.300	50	87633	43.407	ug/l	100
4) Vinyl Chloride	1.373	62	93700	46.412	ug/l	100
5) Bromomethane	1.593	94	53758	47.291	ug/l	100
6) Chloroethane	1.666	64	32688	42.618	ug/l	100
7) Trichlorofluoromethane	1.861	101	142361	45.508	ug/l	99
8) Diethyl Ether	2.136	74	51352	44.607	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.312	101	80403	43.684	ug/l	# 87
10) Methyl Iodide	2.440	142	64719	29.159	ug/l	91
11) Tert butyl alcohol	3.032	59	97253	241.889	ug/l	# 94
12) 1,1-Dichloroethene	2.306	96	72861	42.406	ug/l	87
13) Acrolein	2.239	56	99320	220.210	ug/l	97
14) Allyl chloride	2.654	41	121619	43.573	ug/l	# 93
15) Acrylonitrile	3.068	53	217751	211.948	ug/l	99
16) Acetone	2.392	43	188356	230.574	ug/l	95
17) Carbon Disulfide	2.501	76	154740	43.113	ug/l	99
18) Methyl Acetate	2.709	43	100136	41.438	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	260444	42.402	ug/l	98
20) Methylene Chloride	2.782	84	80324	40.261	ug/l	93
21) trans-1,2-Dichloroethene	3.080	96	75021	39.512	ug/l	90
22) Diisopropyl ether	3.763	45	253649	42.032	ug/l	87
23) Vinyl Acetate	3.721	43	1173787	227.360	ug/l	95
24) 1,1-Dichloroethane	3.605	63	139112	41.238	ug/l	97
25) 2-Butanone	4.562	43	308778	221.330	ug/l	97
26) 2,2-Dichloropropane	4.464	77	123815	43.428	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	94861	40.308	ug/l	91
28) Bromochloromethane	4.897	49	50042	39.090	ug/l	# 77
29) Tetrahydrofuran	5.007	42	215911	227.174	ug/l	95
30) Chloroform	5.086	83	184239	50.884	ug/l	97
31) Cyclohexane	5.458	56	143987	47.671	ug/l	91
32) 1,1,1-Trichloroethane	5.373	97	166731	51.368	ug/l	97
36) 1,1-Dichloropropene	5.684	75	121136	48.211	ug/l	95
37) Ethyl Acetate	4.714	43	124927	45.317	ug/l	100
38) Carbon Tetrachloride	5.665	117	145226	51.748	ug/l	98
39) Methylcyclohexane	7.372	83	164510	49.362	ug/l	93
40) Benzene	6.031	78	380871	49.082	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	67634	47.127	ug/l	96
42) 1,2-Dichloroethane	6.080	62	137610	51.145	ug/l	94
43) Isopropyl Acetate	6.342	43	231991	52.241	ug/l	97
44) Trichloroethene	7.116	130	109385	48.484	ug/l	88
45) 1,2-Dichloropropane	7.427	63	92384	49.653	ug/l	99
46) Dibromomethane	7.580	93	70559	50.858	ug/l #	77
47) Bromodichloromethane	7.817	83	137834	53.898	ug/l	97
48) Methyl methacrylate	7.695	41	114896	54.701	ug/l	94
49) 1,4-Dioxane	7.671	88	49948	1104.827	ug/l #	89
51) 4-Methyl-2-Pentanone	8.573	43	763668	274.740	ug/l	97
52) Toluene	8.714	92	251449	51.425	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	138284	55.128	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	151077	52.980	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	100821	52.843	ug/l	99
56) Ethyl methacrylate	9.116	69	162483	55.706	ug/l	95
57) 1,3-Dichloropropane	9.305	76	163444	51.750	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	357156	251.588	ug/l	92
59) 2-Hexanone	9.433	43	589778	276.695	ug/l	96
60) Dibromochloromethane	9.518	129	121423	55.130	ug/l	99
61) 1,2-Dibromoethane	9.610	107	107372	52.452	ug/l	99
64) Tetrachloroethene	9.268	164	106043	46.745	ug/l	92
65) Chlorobenzene	10.079	112	294224	48.333	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.158	131	107194	51.409	ug/l	98
67) Ethyl Benzene	10.189	91	452380	46.566	ug/l	98
68) m/p-Xylenes	10.299	106	386050	98.439	ug/l	92
69) o-Xylene	10.640	106	190252	49.880	ug/l	94
70) Styrene	10.652	104	325424	52.443	ug/l	95
71) Bromoform	10.799	173	99946	56.065	ug/l #	100
73) Isopropylbenzene	10.963	105	449597	49.977	ug/l	96
74) N-amyl acetate	10.841	43	208511	58.975	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	136725	48.193	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	109402m	46.964	ug/l	
77) Bromobenzene	11.195	156	122963	46.970	ug/l	77
78) n-propylbenzene	11.305	91	472551	48.648	ug/l	95
79) 2-Chlorotoluene	11.366	91	284715	46.318	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	357508	47.769	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	39319	47.620	ug/l	95
82) 4-Chlorotoluene	11.451	91	330896	47.502	ug/l	92
83) tert-Butylbenzene	11.713	119	386847	48.268	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	360410	48.519	ug/l	93
85) sec-Butylbenzene	11.890	105	462942	50.021	ug/l	95
86) p-Isopropyltoluene	12.006	119	411224	50.420	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	224793	47.802	ug/l	94
88) 1,4-Dichlorobenzene	12.042	146	226803	47.006	ug/l	95
89) n-Butylbenzene	12.329	91	331681	53.561	ug/l	98
90) Hexachloroethane	12.536	117	68272	50.746	ug/l	61
91) 1,2-Dichlorobenzene	12.335	146	227543	48.310	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	30787	51.719	ug/l	58
93) 1,2,4-Trichlorobenzene	13.591	180	166502	50.985	ug/l	96
94) Hexachlorobutadiene	13.725	225	83531	50.064	ug/l	100
95) Naphthalene	13.774	128	470935	50.190	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	168583	49.009	ug/l	94

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VSTDCCC050EC

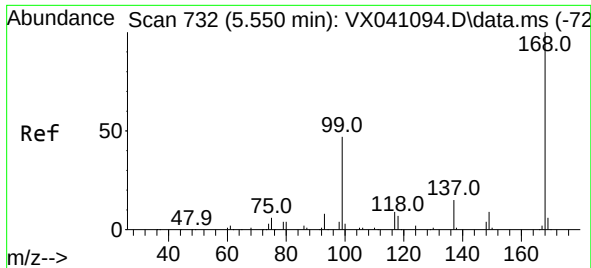
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

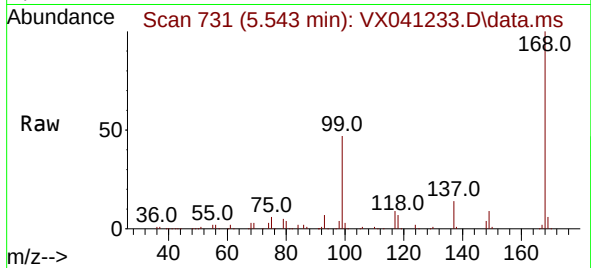
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.007 min
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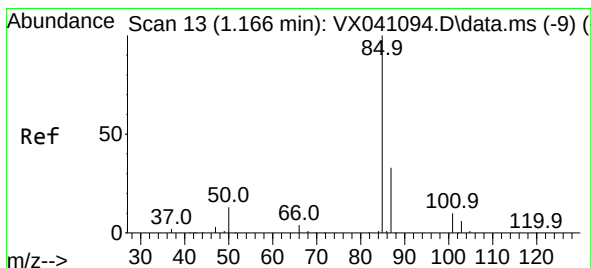
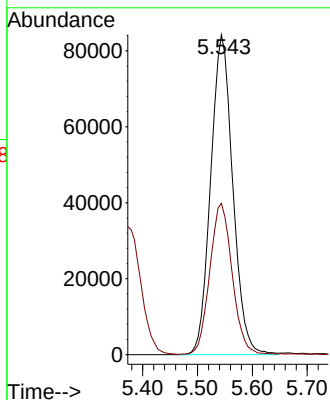
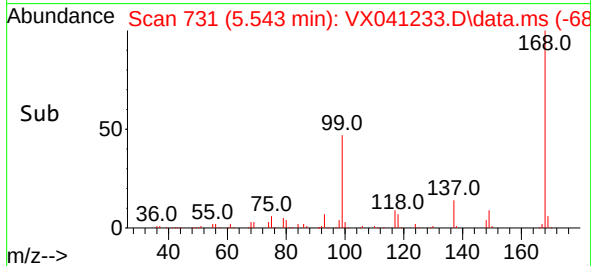
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 235759
Ion Ratio Lower Upper
168 100
99 47.2 56.6 85.0

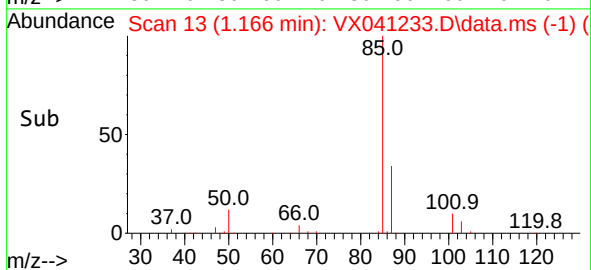
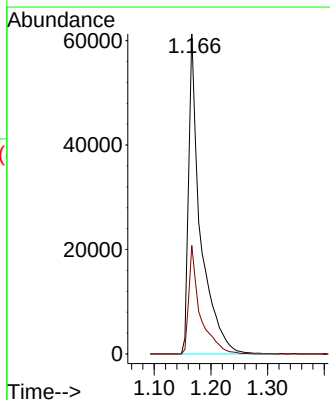
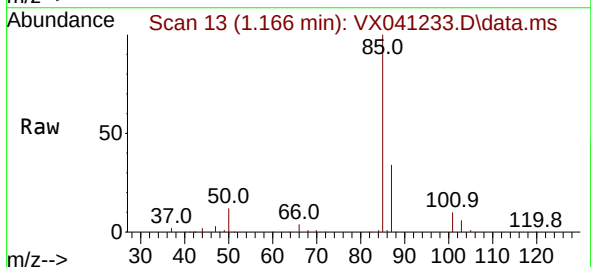
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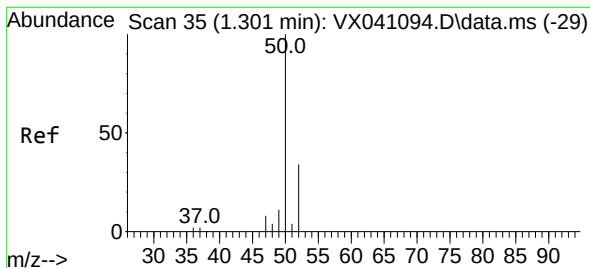
Reviewed By :John Carlone 04/25/2024
Supervised By :Mahesh Dadoda 04/25/2024



#2
Dichlorodifluoromethane
Concen: 47.690 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX041233.D
Acq: 24 Apr 2024 14:50

Tgt Ion: 85 Resp: 88928
Ion Ratio Lower Upper
85 100
87 33.9 16.7 50.1





#3

Chloromethane

Concen: 43.407 ug/l

RT: 1.300 min Scan# 35

Delta R.T. -0.000 min

Lab File: VX041233.D

Acq: 24 Apr 2024 14:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 8763

Ion Ratio Lower Upper

50 100

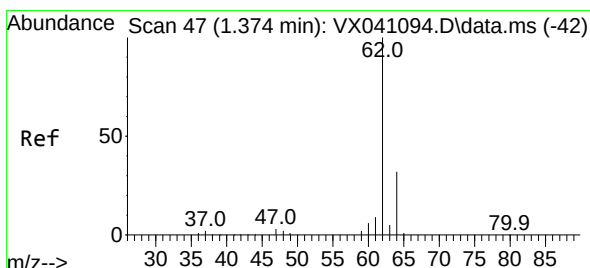
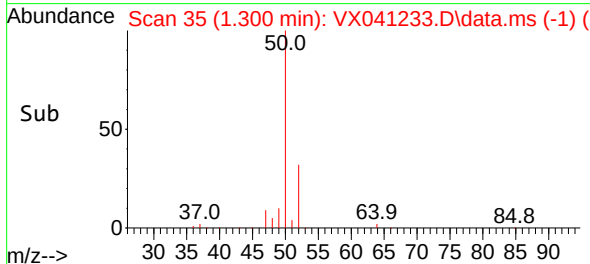
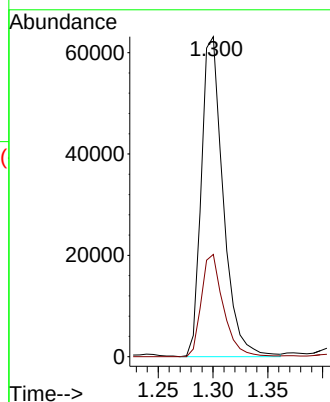
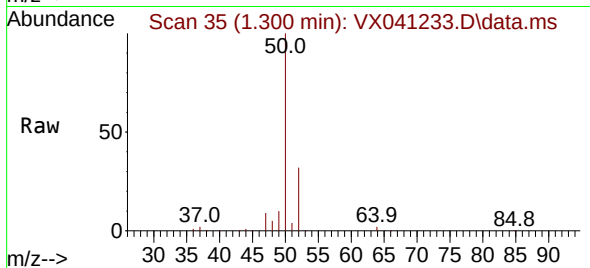
52 31.9 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2024

Supervised By :Mahesh Dadoda 04/25/2024



#4

Vinyl Chloride

Concen: 46.412 ug/l

RT: 1.373 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX041233.D

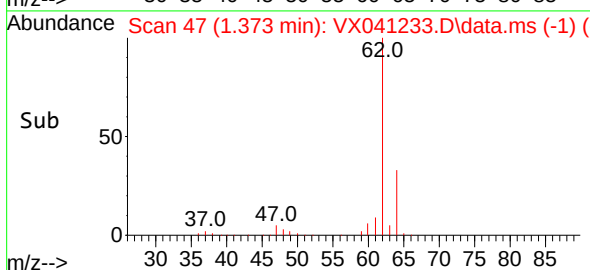
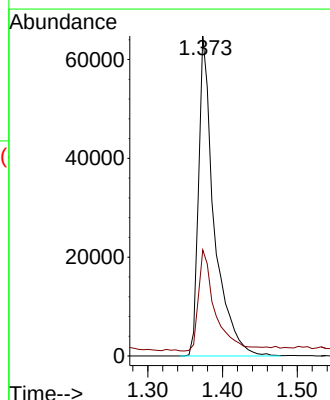
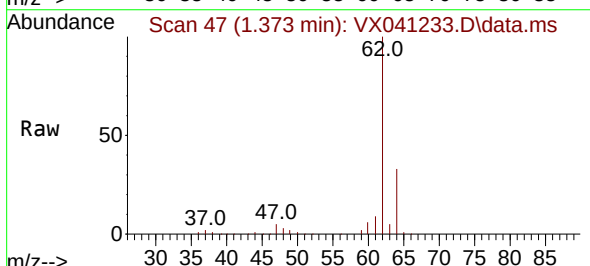
Acq: 24 Apr 2024 14:50

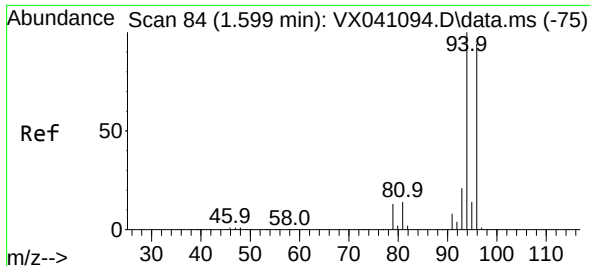
Tgt Ion: 62 Resp: 93700

Ion Ratio Lower Upper

62 100

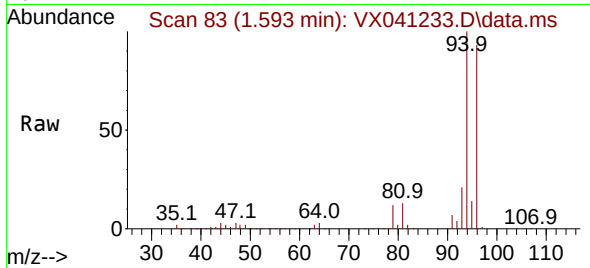
64 31.5 25.4 38.0





#5
Bromomethane
Concen: 47.291 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX041233.D
Acq: 24 Apr 2024 14:50

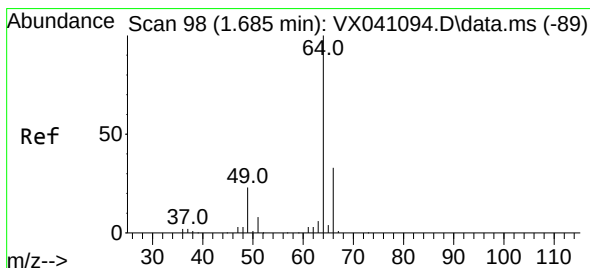
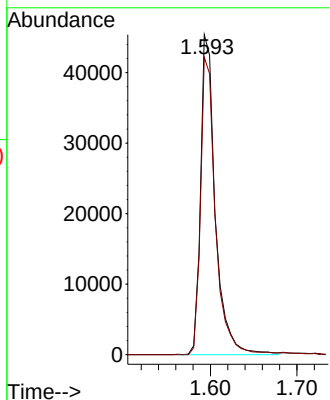
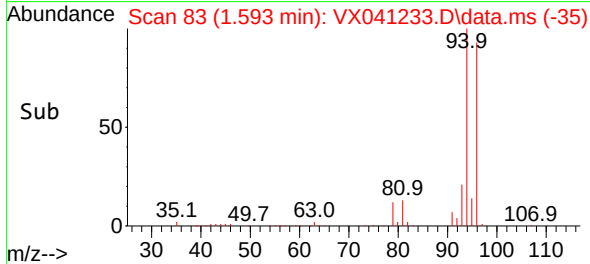
Instrument :
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Tgt Ion: 94 Resp: 53758
Ion Ratio Lower Upper
94 100
96 92.8 74.6 111.8

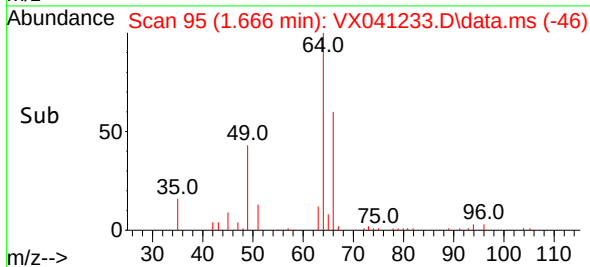
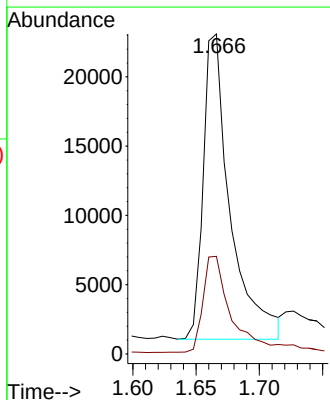
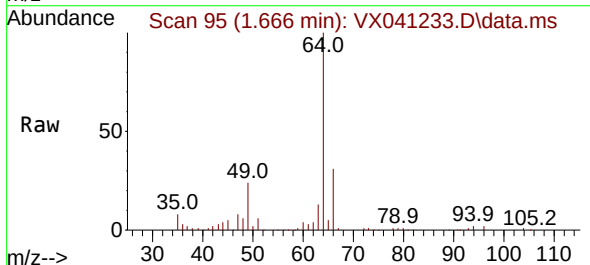
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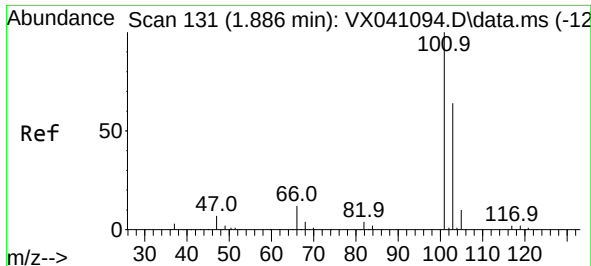
Reviewed By :John Carlone 04/25/2024
Supervised By :Mahesh Dadoda 04/25/2024



#6
Chloroethane
Concen: 42.618 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX041233.D
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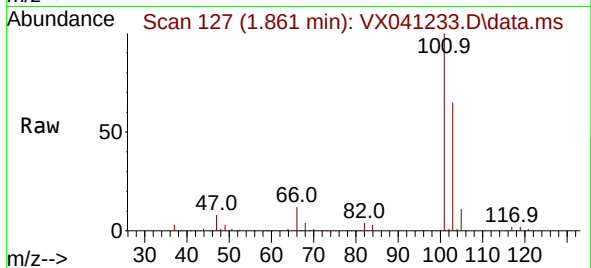
Tgt Ion: 64 Resp: 32688
Ion Ratio Lower Upper
64 100
66 31.4 25.1 37.7





#7
Trichlorofluoromethane
Concen: 45.508 ug/l
RT: 1.861 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX041233.D
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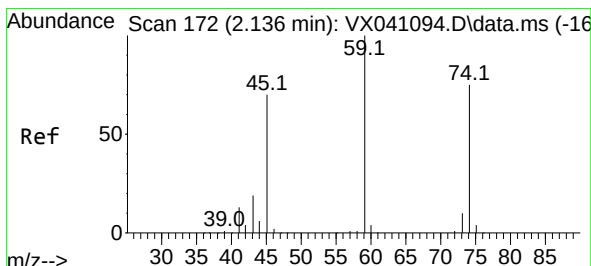
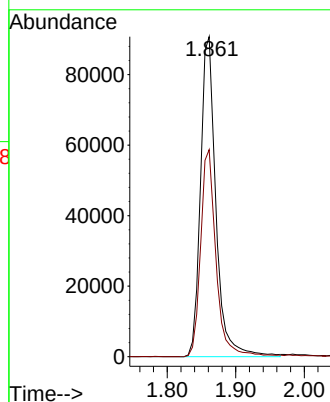
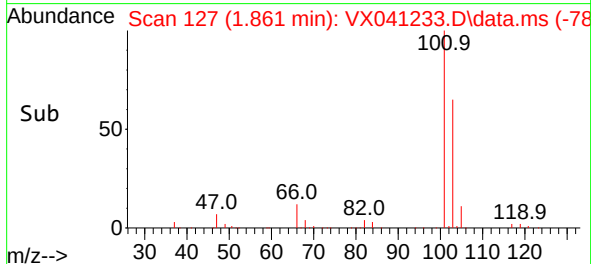
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 14236
Ion Ratio Lower Upper
101 100
103 64.7 51.4 77.2

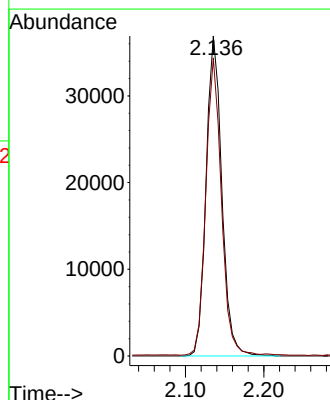
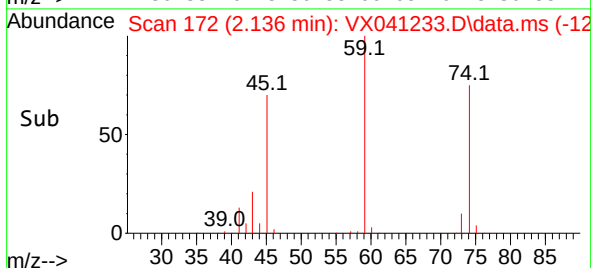
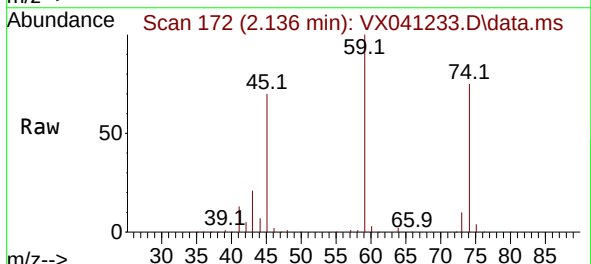
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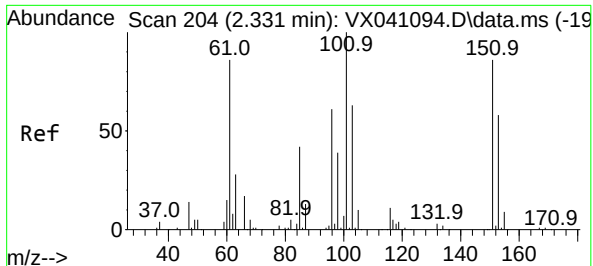
Reviewed By :John Carlone 04/25/2024
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#8
Diethyl Ether
Concen: 44.607 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 51352
Ion Ratio Lower Upper
74 100
45 91.7 53.3 159.8





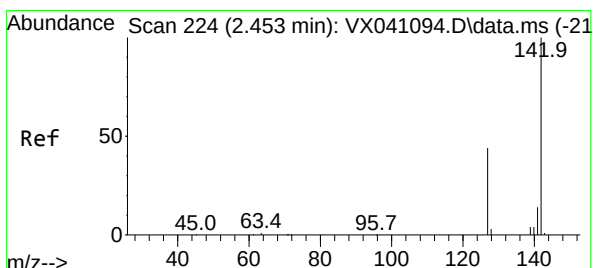
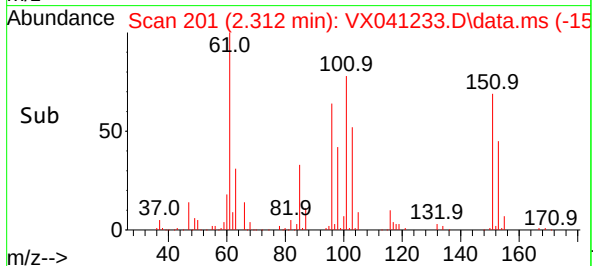
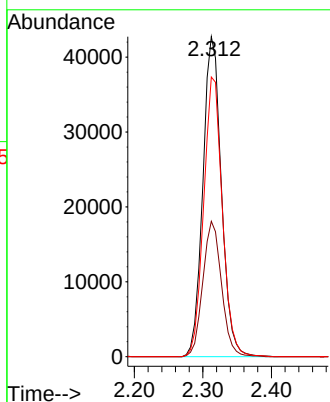
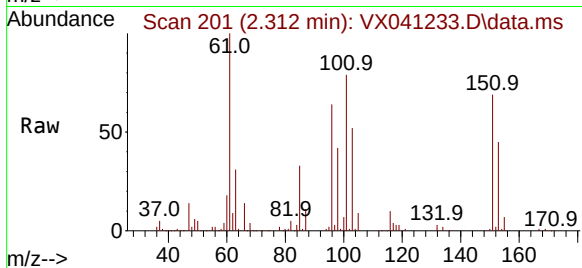
#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.684 ug/l
RT: 2.312 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX041233.D
Acq: 24 Apr 2024 14:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 8040
Ion Ratio Lower Upper
101 100
85 42.7 37.0 55.6
151 88.1 58.6 87.8

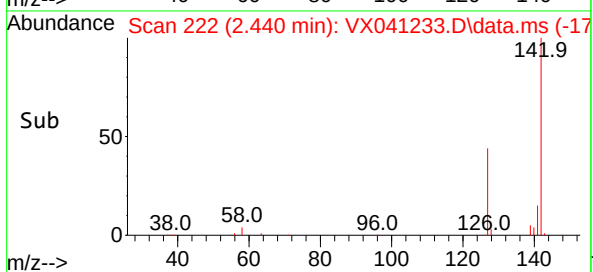
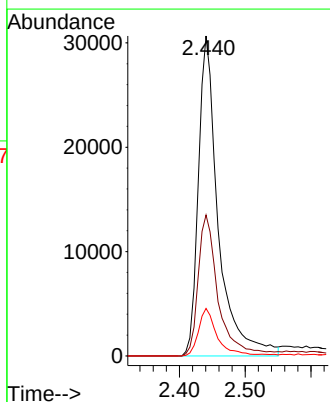
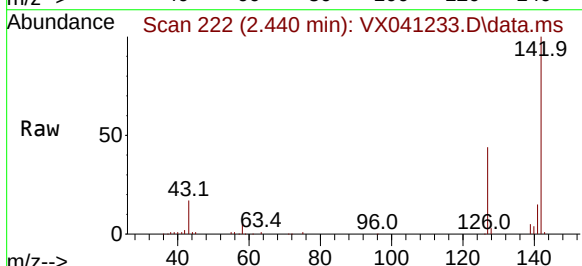
Manual Integrations
APPROVED

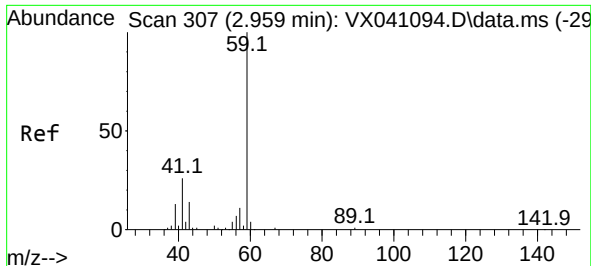
Reviewed By :John Carlone 04/25/2024
Supervised By :Mahesh Dadoda 04/25/2024



#10
Methyl Iodide
Concen: 29.159 ug/l
RT: 2.440 min Scan# 222
Delta R.T. -0.000 min
Lab File: VX041233.D
Acq: 24 Apr 2024 14:50

Tgt Ion:142 Resp: 64719
Ion Ratio Lower Upper
142 100
127 44.4 41.6 62.4
141 13.9 11.6 17.4





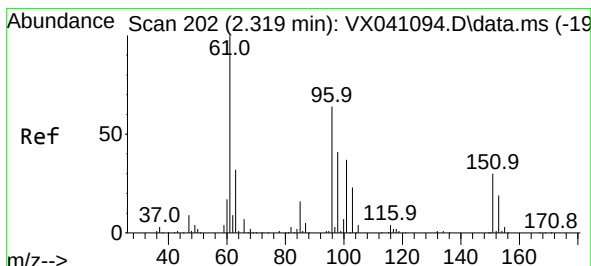
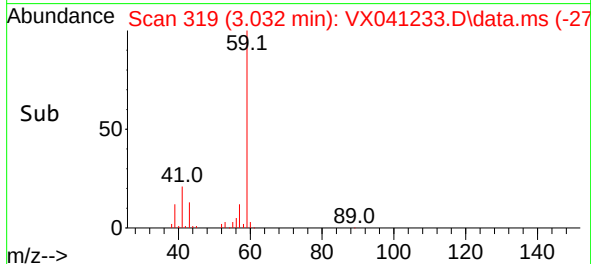
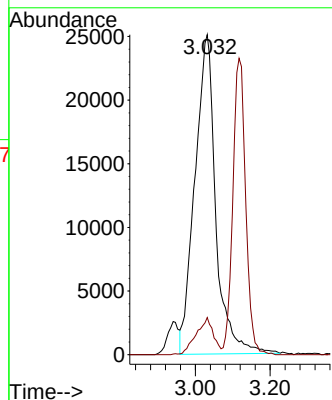
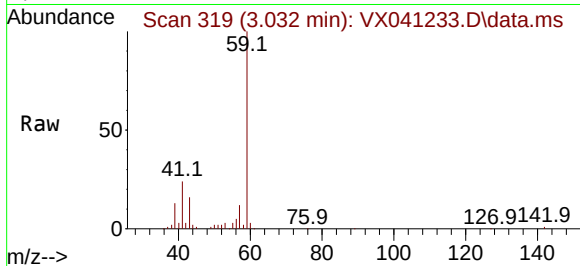
#11
Tert butyl alcohol
Concen: 241.889 ug/l
RT: 3.032 min Scan# 311
Delta R.T. -0.031 min
Lab File: VX041233.D
Acq: 24 Apr 2024 14:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 9725
Ion Ratio Lower Upper
59 100
57 9.7 6.0 9.0

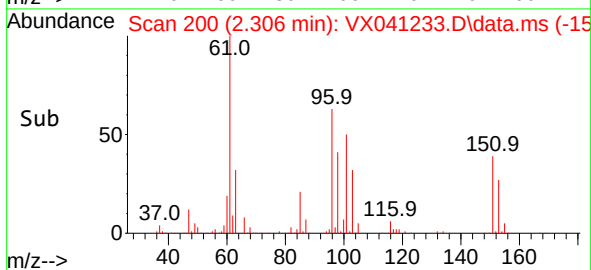
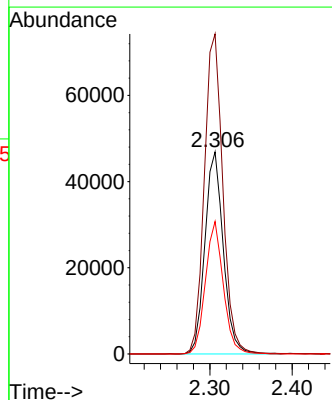
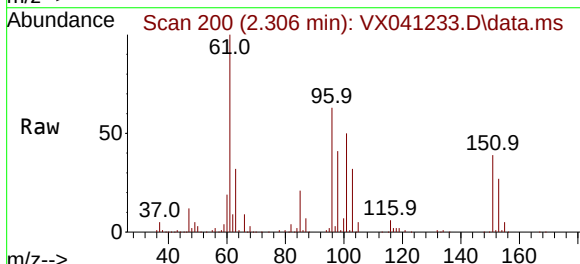
Manual Integrations
APPROVED

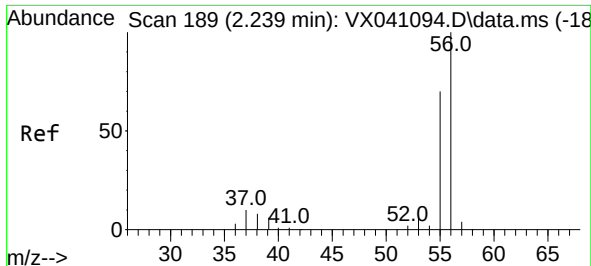
Reviewed By :John Carlone 04/25/2024
Supervised By :Mahesh Dadoda 04/25/2024



#12
1,1-Dichloroethene
Concen: 42.406 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.000 min
Lab File: VX041233.D
Acq: 24 Apr 2024 14:50

Tgt Ion: 96 Resp: 72861
Ion Ratio Lower Upper
96 100
61 158.4 144.6 216.8
98 65.6 50.4 75.6





#13

Acrolein

Concen: 220.210 ug/l

RT: 2.239 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX041233.D

Acq: 24 Apr 2024 14:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 99320

Ion Ratio Lower Upper

56 100

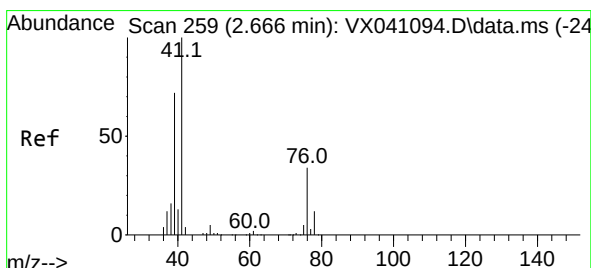
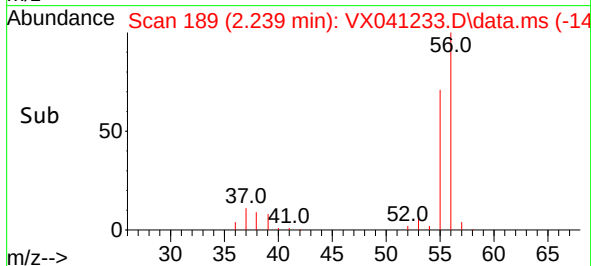
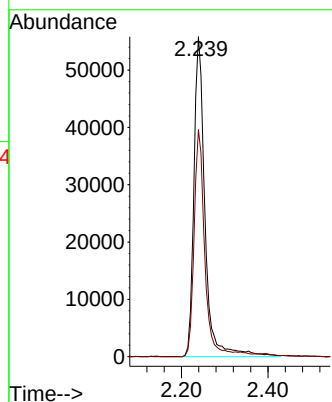
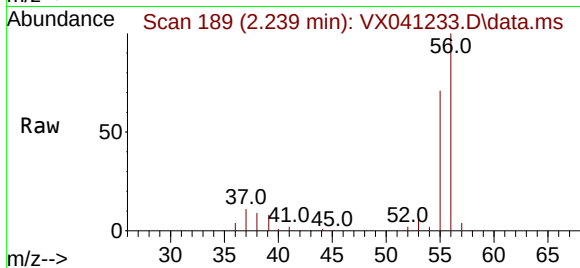
55 69.0 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2024

Supervised By :Mahesh Dadoda 04/25/2024



#14

Allyl chloride

Concen: 43.573 ug/l

RT: 2.654 min Scan# 257

Delta R.T. -0.006 min

Lab File: VX041233.D

Acq: 24 Apr 2024 14:50

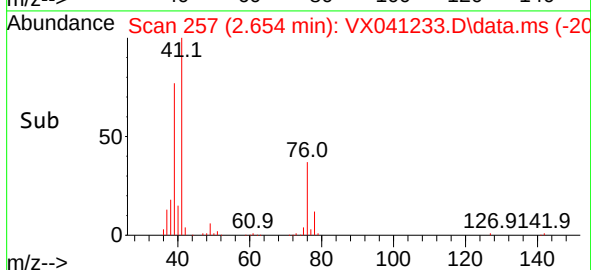
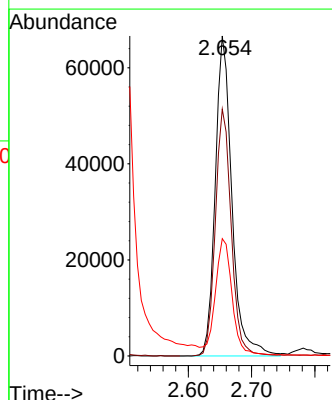
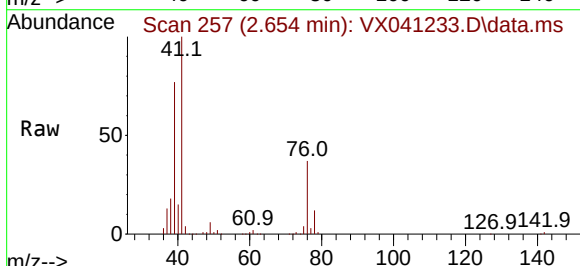
Tgt Ion: 41 Resp: 121619

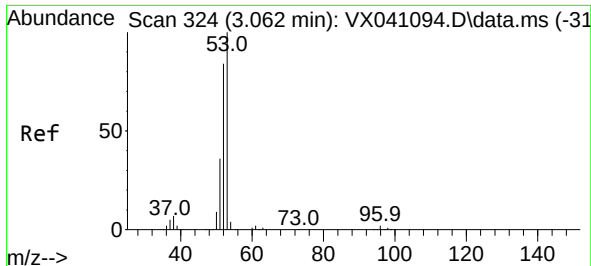
Ion Ratio Lower Upper

41 100

39 73.7 55.8 83.6

76 37.3 24.3 36.5





#15

Acrylonitrile

Concen: 211.948 ug/l

RT: 3.068 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX041233.D

Acq: 24 Apr 2024 14:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 53 Resp: 21775

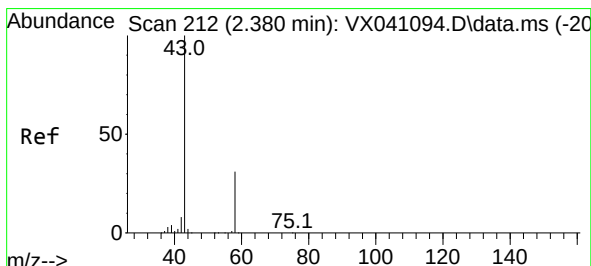
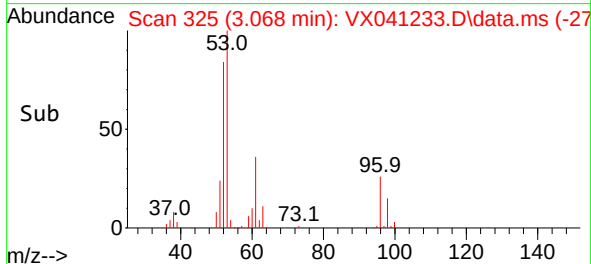
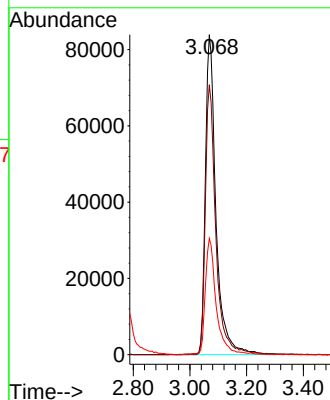
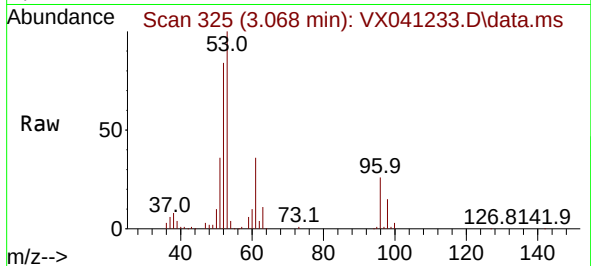
Ion	Ratio	Lower	Upper
53	100		
52	83.5	66.0	99.0
51	37.6	29.8	44.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2024

Supervised By :Mahesh Dadoda 04/25/2024



#16

Acetone

Concen: 230.574 ug/l

RT: 2.392 min Scan# 214

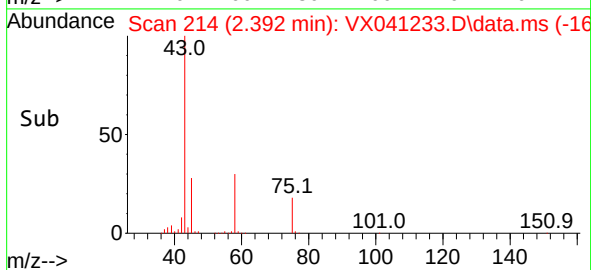
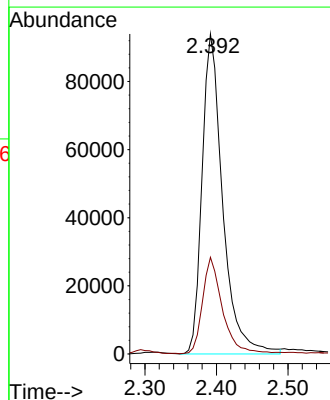
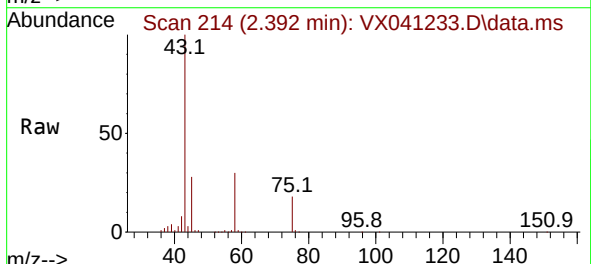
Delta R.T. -0.006 min

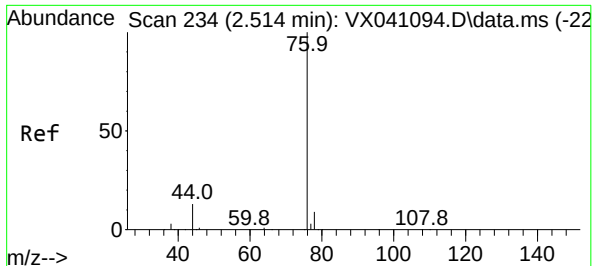
Lab File: VX041233.D

Acq: 24 Apr 2024 14:50

Tgt Ion: 43 Resp: 188356

Ion	Ratio	Lower	Upper
43	100		
58	30.1	21.9	32.9





#17

Carbon Disulfide

Concen: 43.113 ug/l

RT: 2.501 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX041233.D

Acq: 24 Apr 2024 14:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 154740

Ion Ratio Lower Upper

76 100

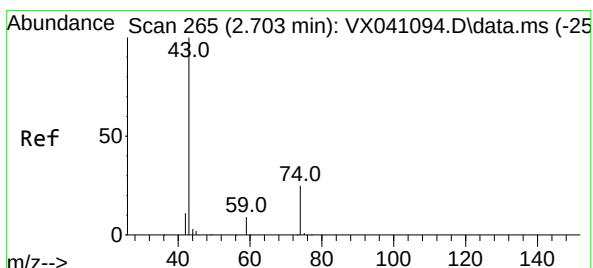
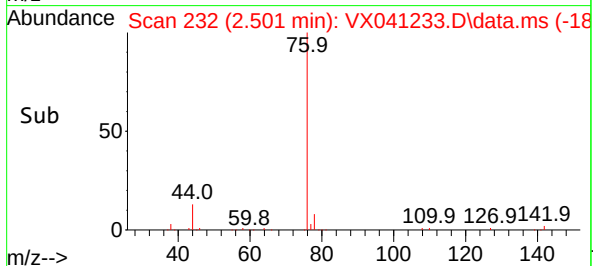
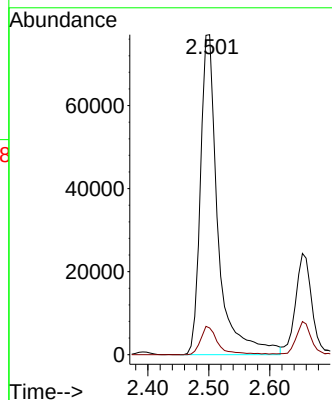
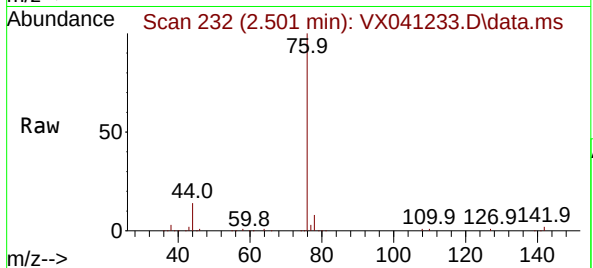
78 8.4 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2024

Supervised By :Mahesh Dadoda 04/25/2024



#18

Methyl Acetate

Concen: 41.438 ug/l

RT: 2.709 min Scan# 266

Delta R.T. -0.000 min

Lab File: VX041233.D

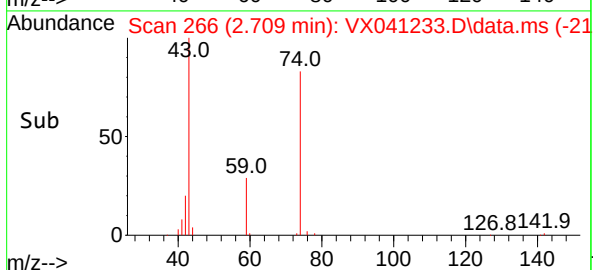
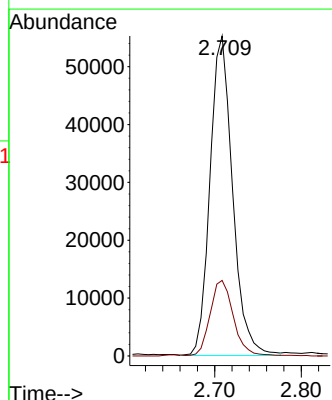
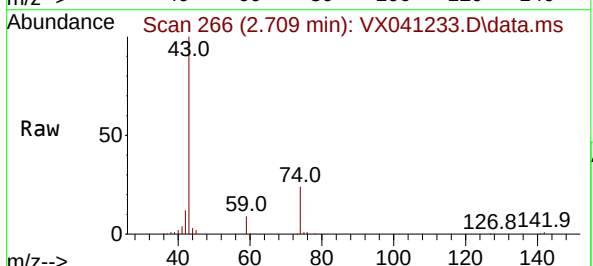
Acq: 24 Apr 2024 14:50

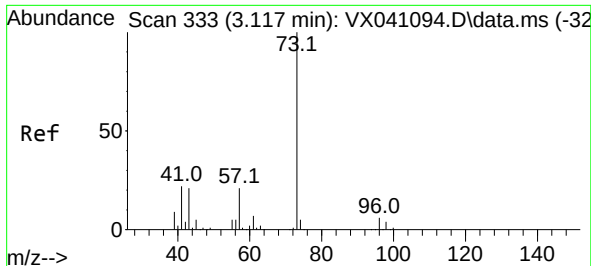
Tgt Ion: 43 Resp: 100136

Ion Ratio Lower Upper

43 100

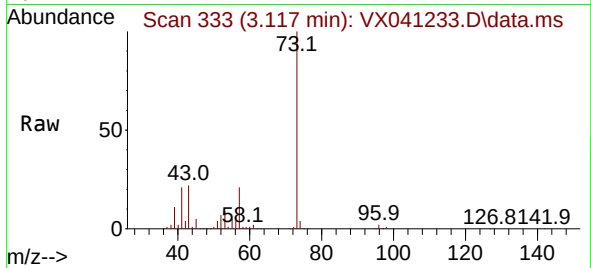
74 24.5 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 42.402 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX041233.D
Acq: 24 Apr 2024 14:50

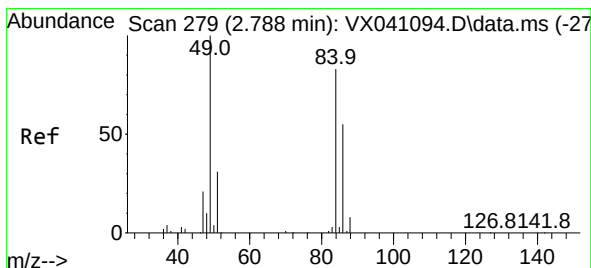
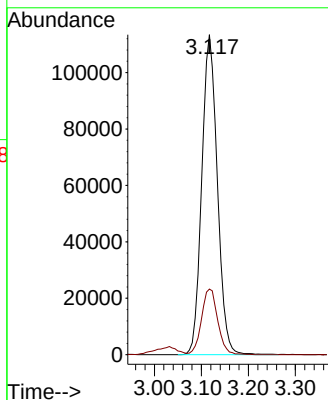
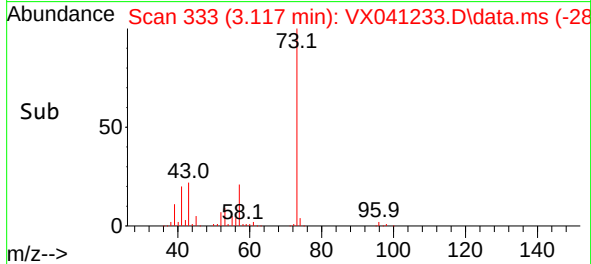
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 26044
Ion Ratio Lower Upper
73 100
57 20.5 17.3 25.9

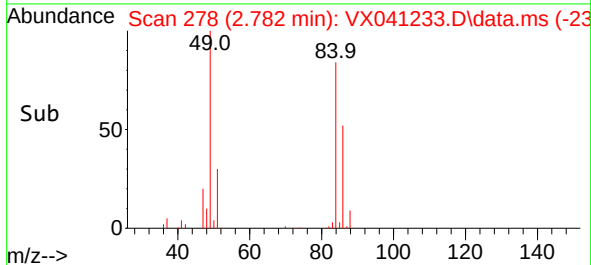
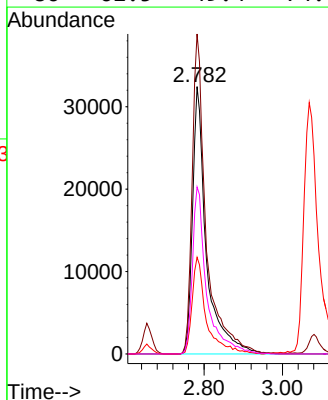
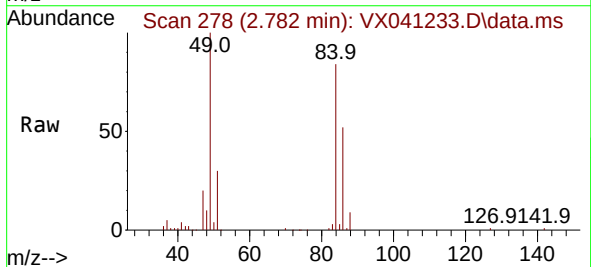
Manual Integrations
APPROVED

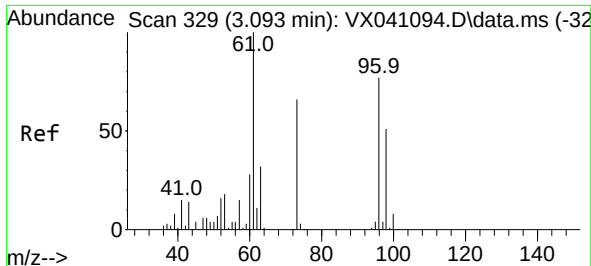
Reviewed By :John Carlone 04/25/2024
Supervised By :Mahesh Dadoda 04/25/2024



#20
Methylene Chloride
Concen: 40.261 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX041233.D
Acq: 24 Apr 2024 14:50

Tgt Ion: 84 Resp: 80324
Ion Ratio Lower Upper
84 100
49 119.7 103.6 155.4
51 36.1 33.8 50.6
86 62.5 49.4 74.0





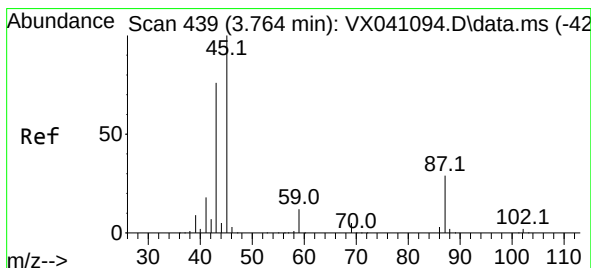
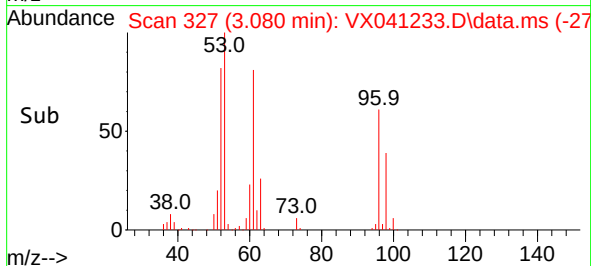
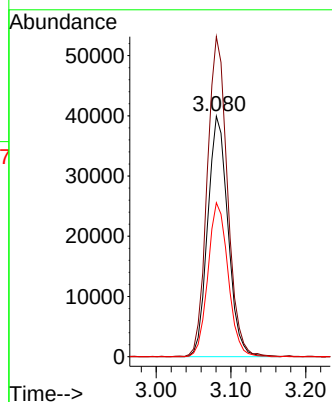
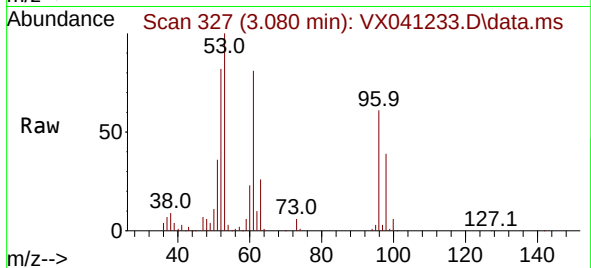
#21
trans-1,2-Dichloroethene
Concen: 39.512 ug/l
RT: 3.080 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX041233.D
Acq: 24 Apr 2024 14:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 7502
Ion Ratio Lower Upper
96 100
61 132.9 119.2 178.8
98 64.0 48.7 73.1

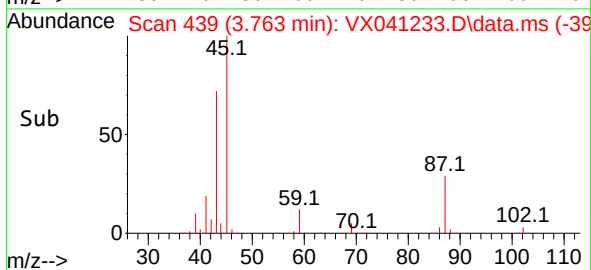
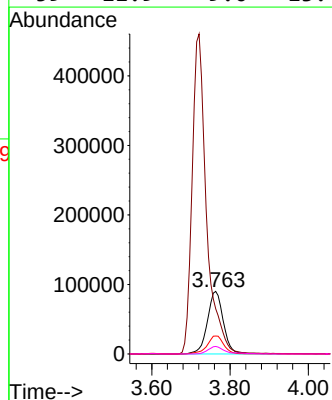
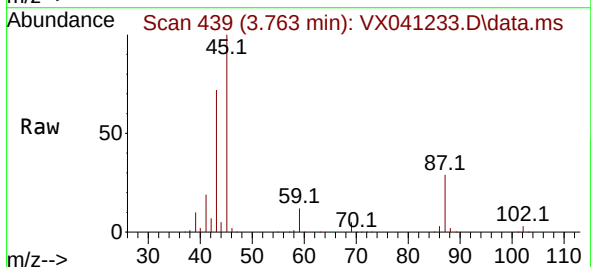
Manual Integrations
APPROVED

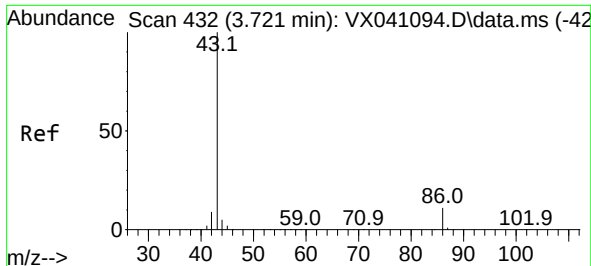
Reviewed By :John Carlone 04/25/2024
Supervised By :Mahesh Dadoda 04/25/2024



#22
Diisopropyl ether
Concen: 42.032 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX041233.D
Acq: 24 Apr 2024 14:50

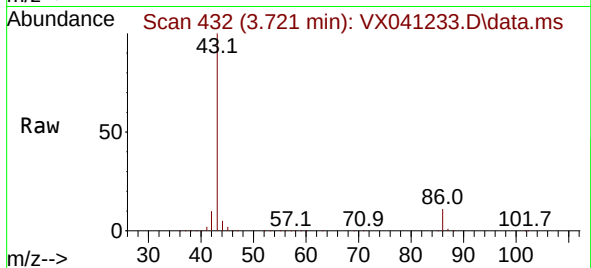
Tgt Ion: 45 Resp: 253649
Ion Ratio Lower Upper
45 100
43 71.6 69.7 104.5
87 28.6 20.8 31.2
59 11.9 9.0 13.4





#23
 Vinyl Acetate
 Concen: 227.360 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX041233.D
 Acq: 24 Apr 2024 14:50

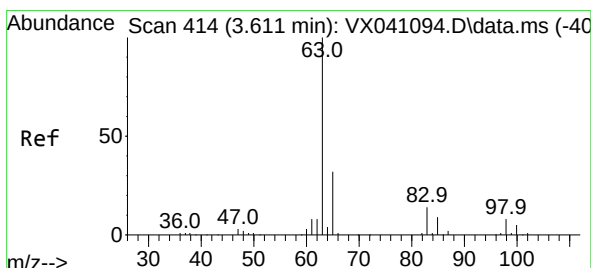
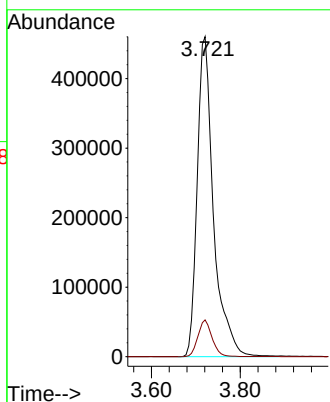
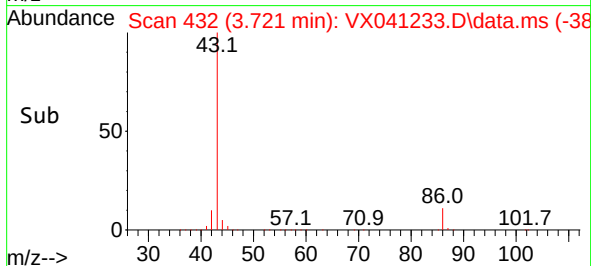
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



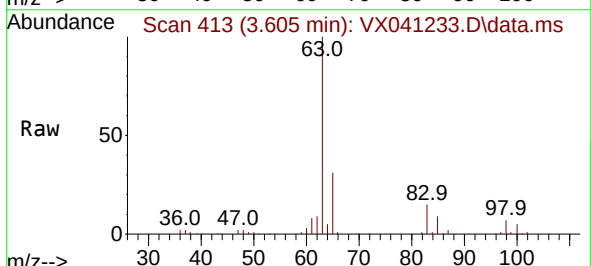
Tgt Ion: 43 Resp: 117378
 Ion Ratio Lower Upper
 43 100
 86 11.5 7.8 11.8

Manual Integrations
 APPROVED

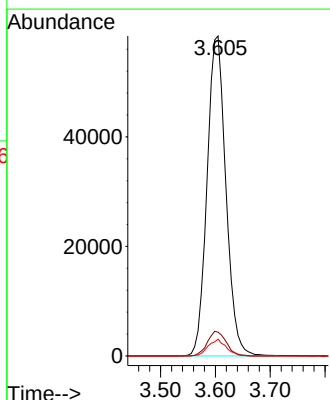
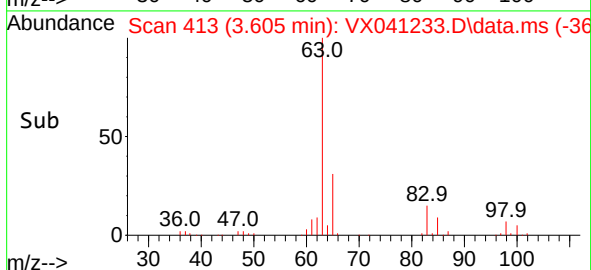
Reviewed By :John Carlone 04/25/2024
 Supervised By :Mahesh Dadoda 04/25/2024

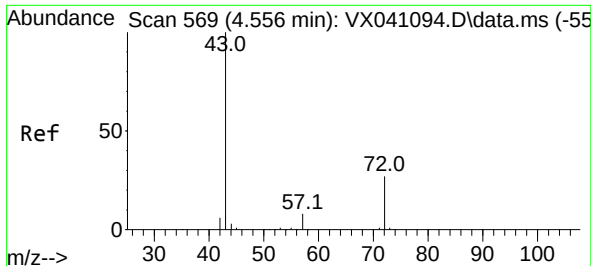


#24
 1,1-Dichloroethane
 Concen: 41.238 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX041233.D
 Acq: 24 Apr 2024 14:50



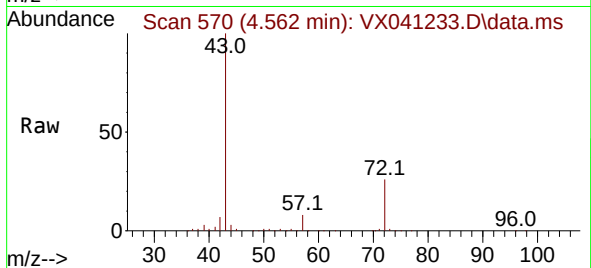
Tgt Ion: 63 Resp: 139112
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.3 9.8
 100 5.2 2.1 6.5





#25
2-Butanone
Concen: 221.330 ug/l
RT: 4.562 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX041233.D
Acq: 24 Apr 2024 14:50

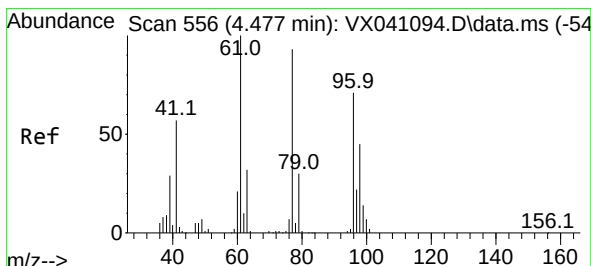
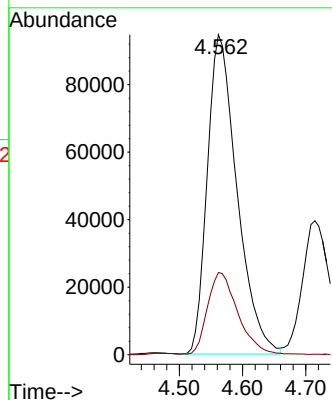
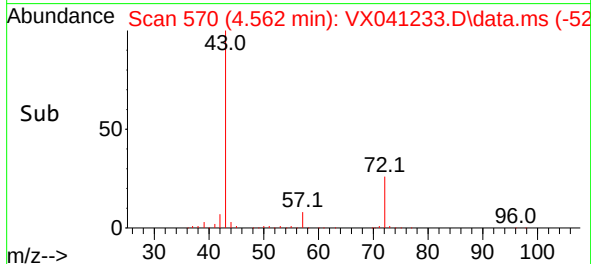
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 308778
Ion Ratio Lower Upper
43 100
72 25.6 19.4 29.2

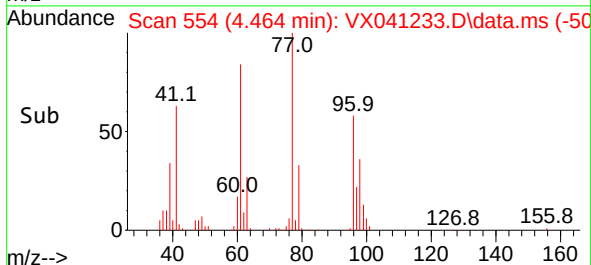
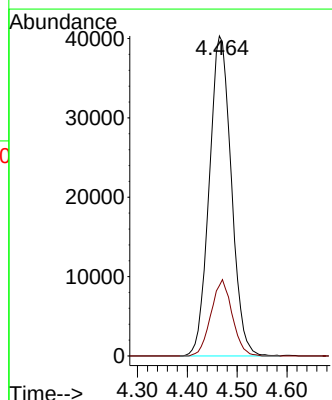
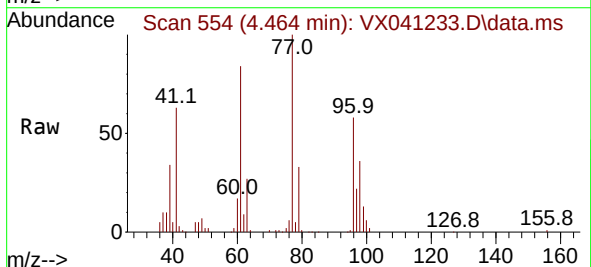
Manual Integrations
APPROVED

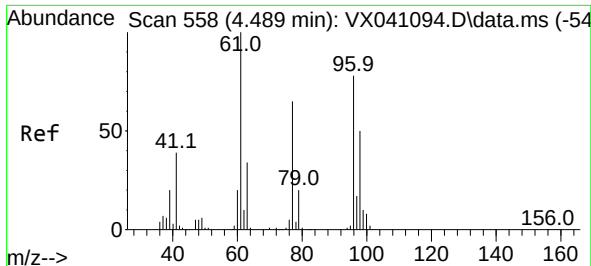
Reviewed By :John Carlone 04/25/2024
Supervised By :Mahesh Dadoda 04/25/2024



#26
2,2-Dichloropropane
Concen: 43.428 ug/l
RT: 4.464 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX041233.D
Acq: 24 Apr 2024 14:50

Tgt Ion: 77 Resp: 123815
Ion Ratio Lower Upper
77 100
97 22.9 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 40.308 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX041233.D

Acq: 24 Apr 2024 14:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 9486

Ion Ratio Lower Upper

96 100

61 139.7 0.0 312.2

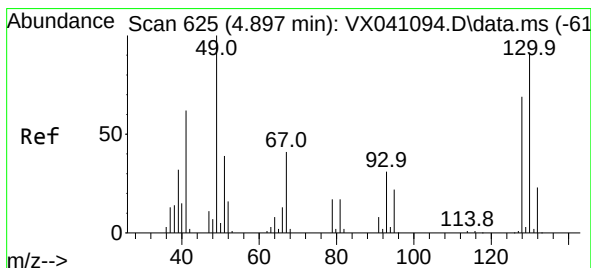
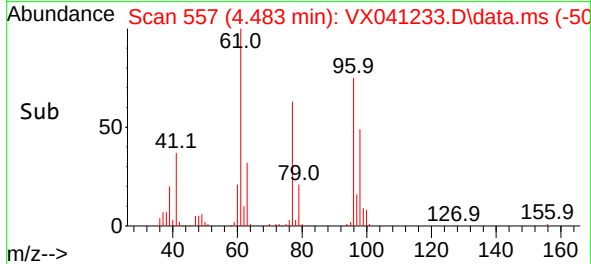
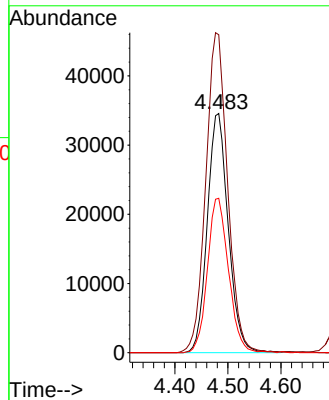
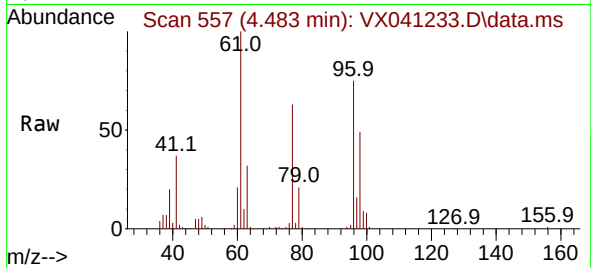
98 64.9 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2024

Supervised By :Mahesh Dadoda 04/25/2024



#28

Bromochloromethane

Concen: 39.090 ug/l

RT: 4.897 min Scan# 625

Delta R.T. -0.006 min

Lab File: VX041233.D

Acq: 24 Apr 2024 14:50

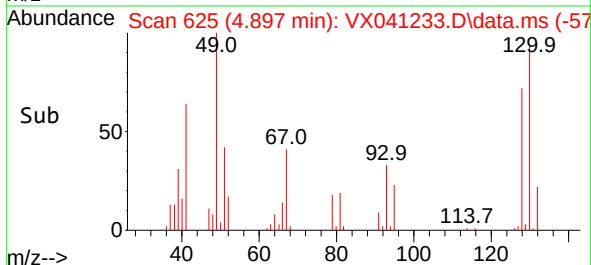
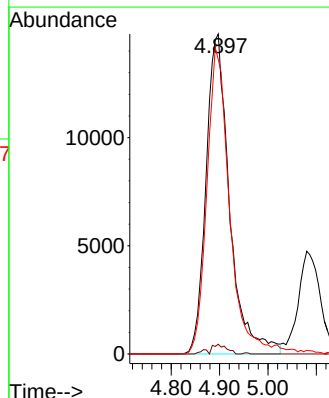
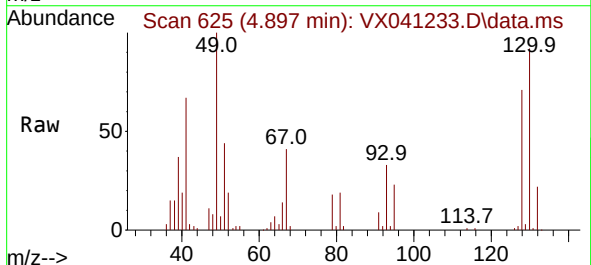
Tgt Ion: 49 Resp: 50042

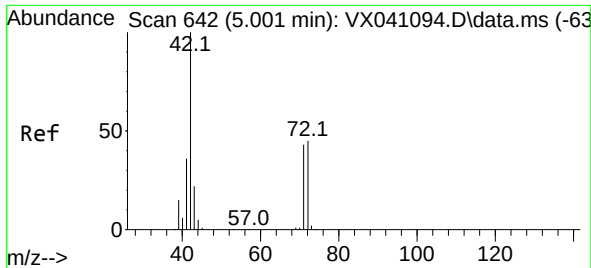
Ion Ratio Lower Upper

49 100

129 2.2 0.0 3.8

130 91.1 57.5 86.3#





#29

Tetrahydrofuran

Concen: 227.174 ug/l

RT: 5.007 min Scan# 64

Delta R.T. -0.006 min

Lab File: VX041233.D

Acq: 24 Apr 2024 14:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 21591

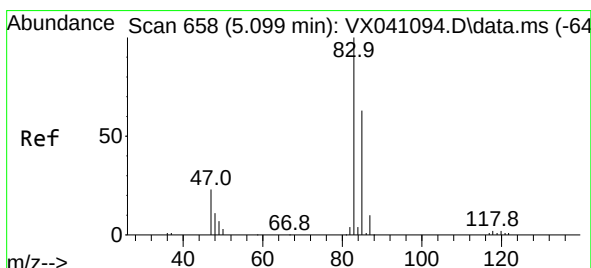
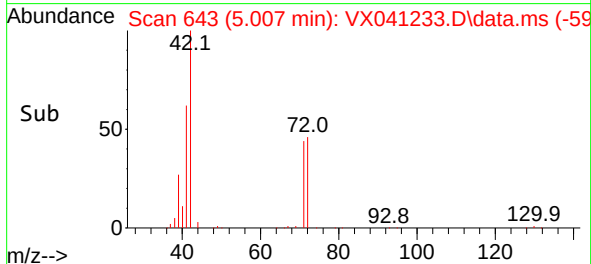
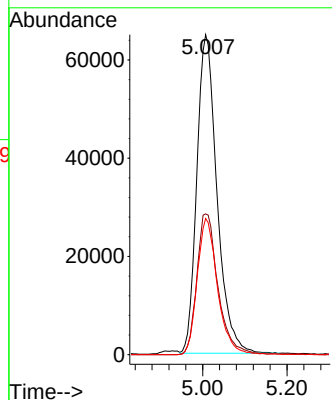
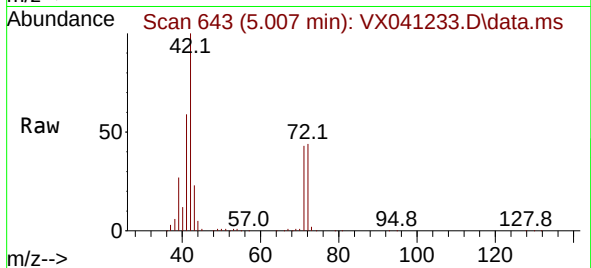
Ion	Ratio	Lower	Upper
42	100		
72	46.4	34.2	51.4
71	43.0	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2024

Supervised By :Mahesh Dadoda 04/25/2024



#30

Chloroform

Concen: 50.884 ug/l

RT: 5.086 min Scan# 656

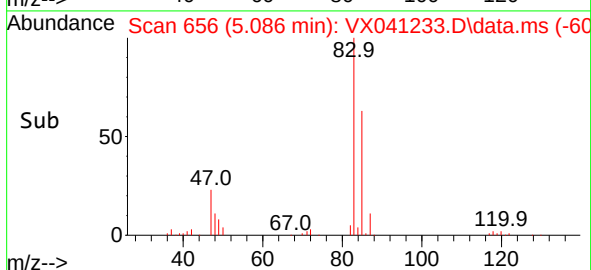
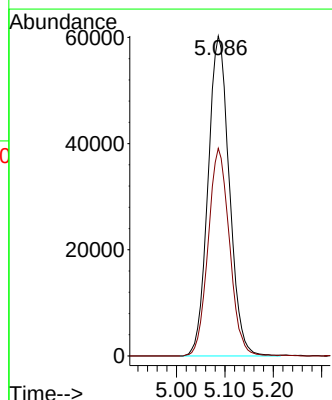
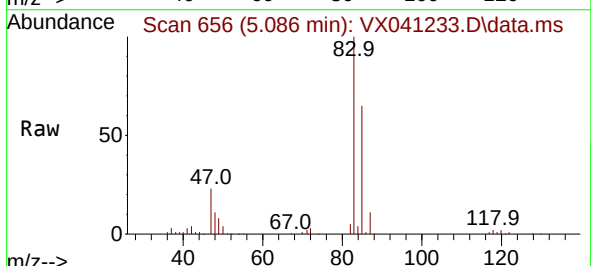
Delta R.T. -0.006 min

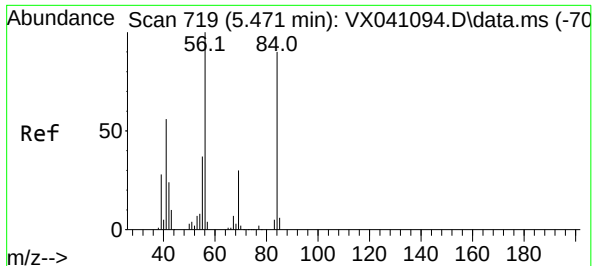
Lab File: VX041233.D

Acq: 24 Apr 2024 14:50

Tgt Ion: 83 Resp: 184239

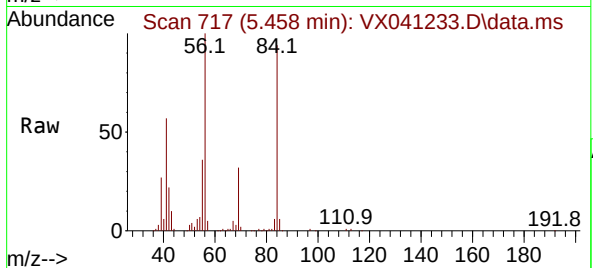
Ion	Ratio	Lower	Upper
83	100		
85	64.9	50.3	75.5





#31
Cyclohexane
Concen: 47.671 ug/l
RT: 5.458 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX041233.D
Acq: 24 Apr 2024 14:50

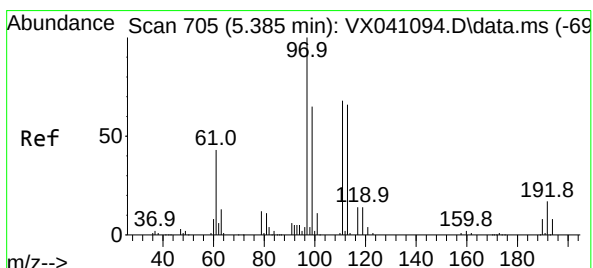
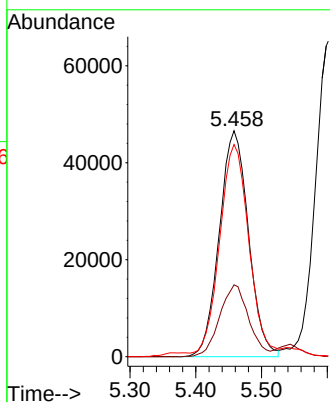
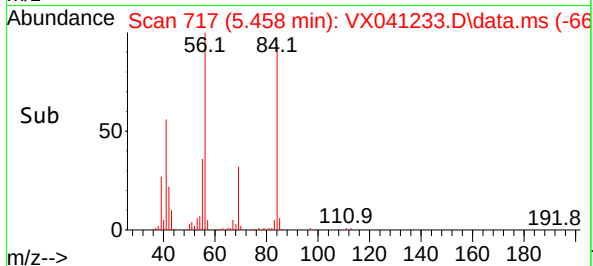
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 14398
Ion Ratio Lower Upper
56 100
69 31.8 23.4 35.2
84 92.3 65.9 98.9

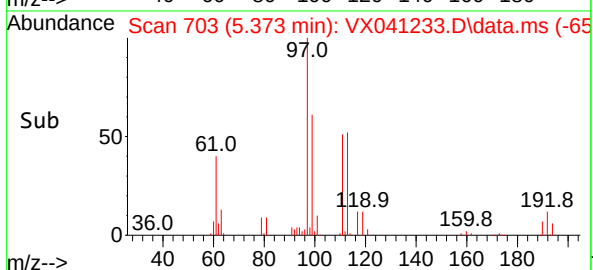
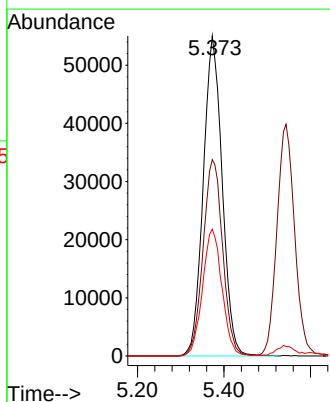
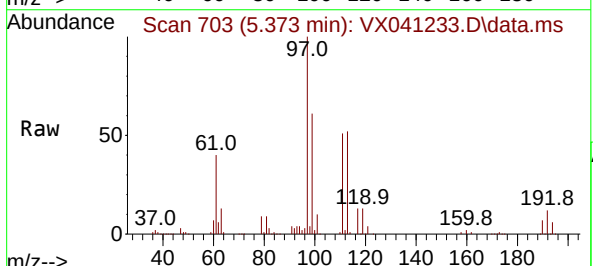
Manual Integrations
APPROVED

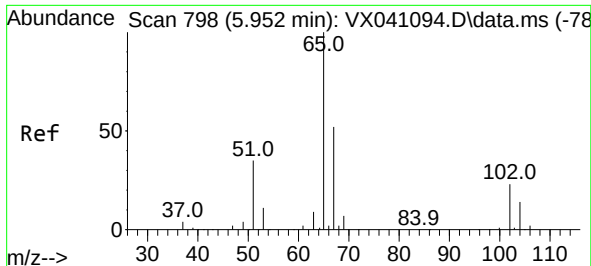
Reviewed By :John Carlone 04/25/2024
Supervised By :Mahesh Dadoda 04/25/2024



#32
1,1,1-Trichloroethane
Concen: 51.368 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX041233.D
Acq: 24 Apr 2024 14:50

Tgt Ion: 97 Resp: 166731
Ion Ratio Lower Upper
97 100
99 63.6 51.1 76.7
61 40.8 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 45.747 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX041233.D

Acq: 24 Apr 2024 14:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 102668

Ion Ratio Lower Upper

65 100

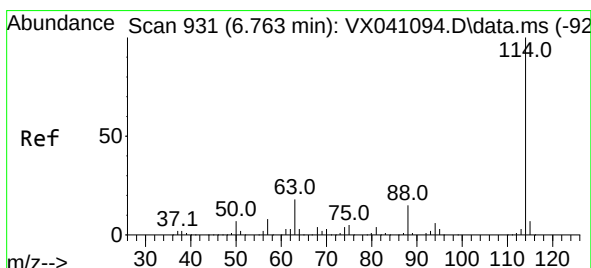
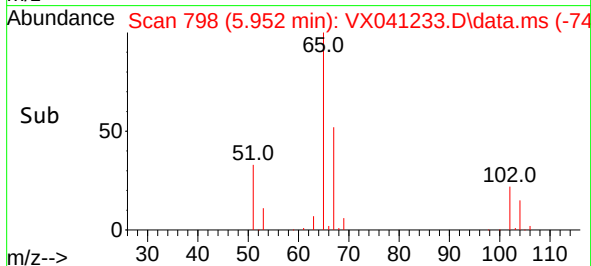
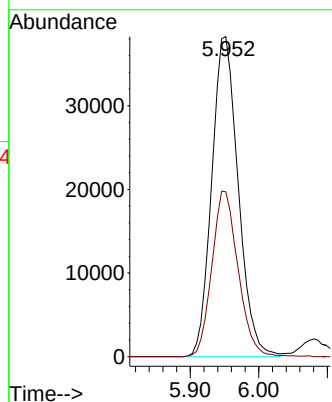
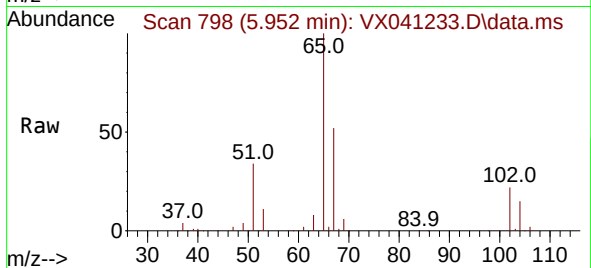
67 51.3 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2024

Supervised By :Mahesh Dadoda 04/25/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX041233.D

Acq: 24 Apr 2024 14:50

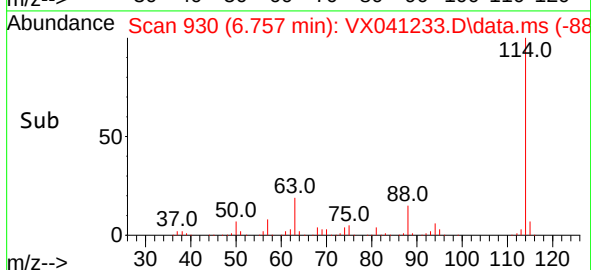
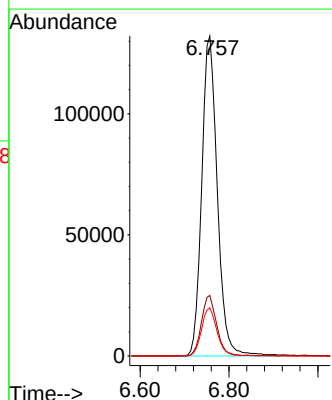
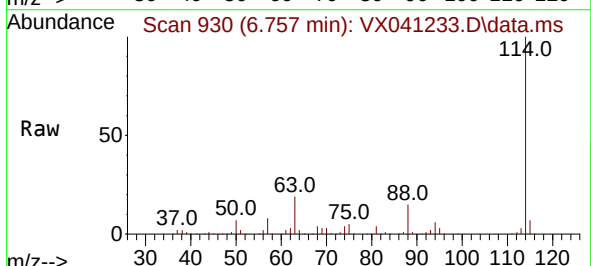
Tgt Ion:114 Resp: 322828

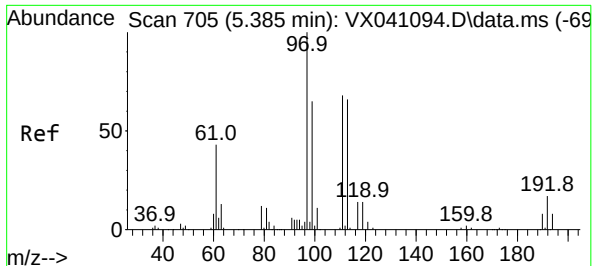
Ion Ratio Lower Upper

114 100

63 18.9 0.0 45.0

88 15.1 0.0 36.6





#35

Dibromofluoromethane

Concen: 45.830 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX041233.D

Acq: 24 Apr 2024 14:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

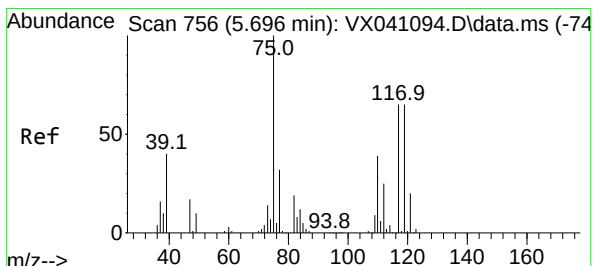
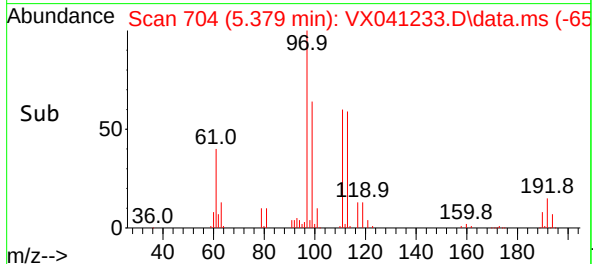
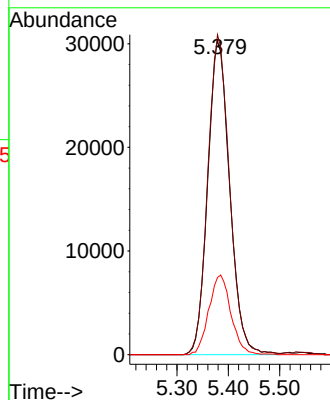
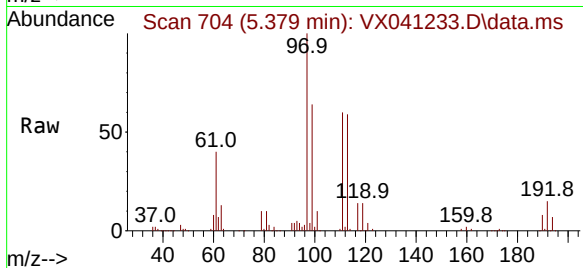
Tgt Ion:	113	Resp:	8999
Ion	Ratio	Lower	Upper
113	100		
111	101.2	82.9	124.3
192	25.5	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2024

Supervised By :Mahesh Dadoda 04/25/2024



#36

1,1-Dichloropropene

Concen: 48.211 ug/l

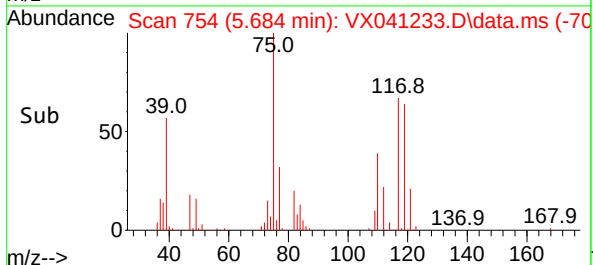
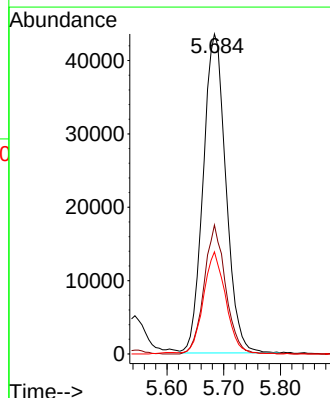
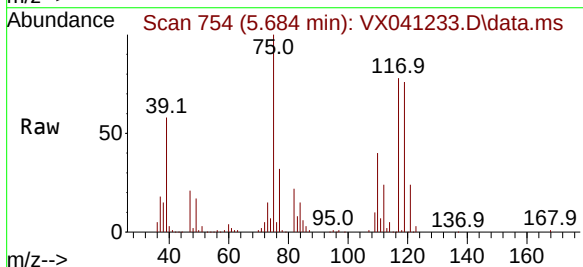
RT: 5.684 min Scan# 754

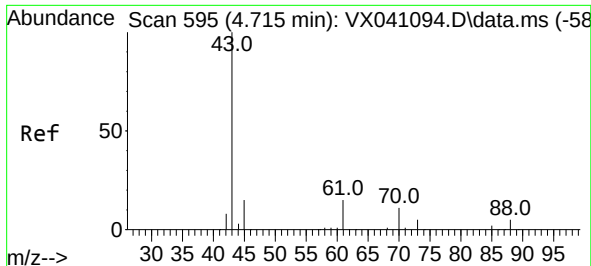
Delta R.T. -0.006 min

Lab File: VX041233.D

Acq: 24 Apr 2024 14:50

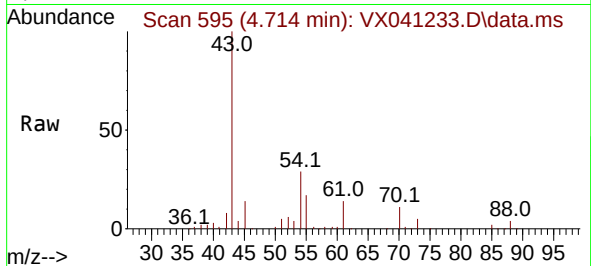
Tgt Ion:	75	Resp:	121136
Ion	Ratio	Lower	Upper
75	100		
110	38.4	17.0	50.9
77	31.5	24.7	37.1





#37
Ethyl Acetate
Concen: 45.317 ug/l
RT: 4.714 min Scan# 595
Delta R.T. -0.006 min
Lab File: VX041233.D
Acq: 24 Apr 2024 14:50

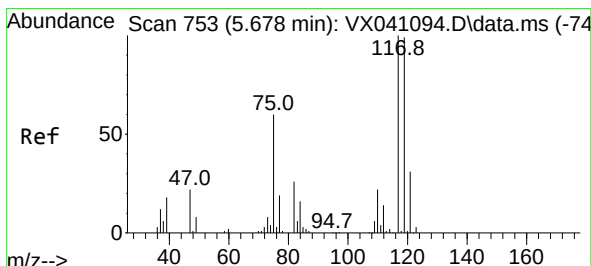
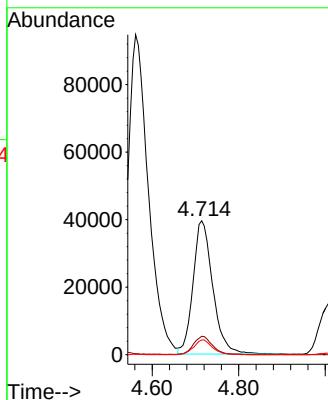
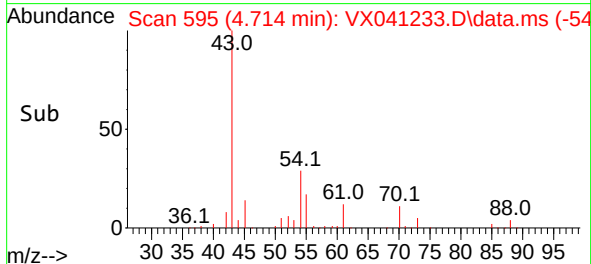
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 124927
Ion Ratio Lower Upper
43 100
61 13.5 10.6 16.0
70 10.4 8.3 12.5

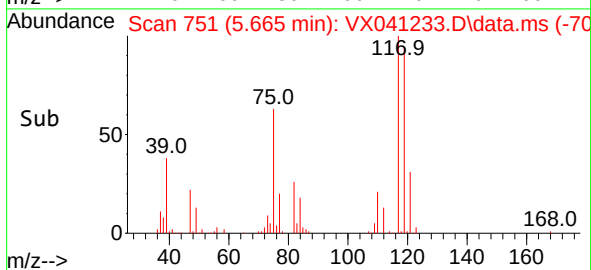
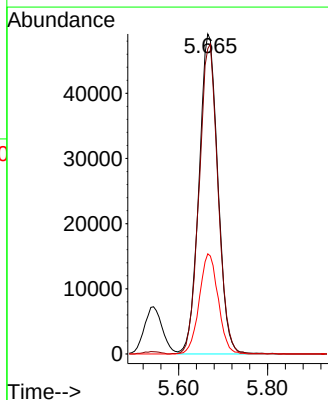
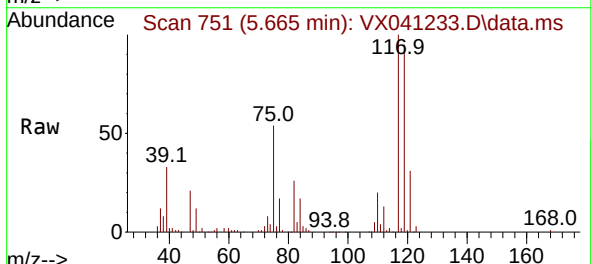
Manual Integrations
APPROVED

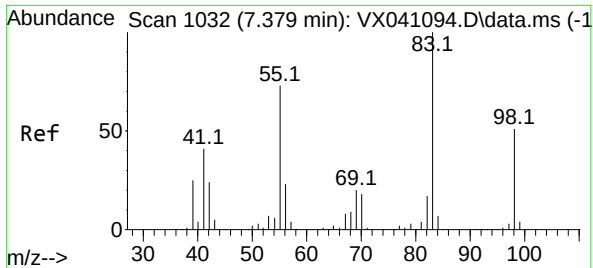
Reviewed By :John Carlone 04/25/2024
Supervised By :Mahesh Dadoda 04/25/2024



#38
Carbon Tetrachloride
Concen: 51.748 ug/l
RT: 5.665 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX041233.D
Acq: 24 Apr 2024 14:50

Tgt Ion:117 Resp: 145226
Ion Ratio Lower Upper
117 100
119 95.4 78.2 117.2
121 31.3 24.4 36.6





#39

Methylcyclohexane

Concen: 49.362 ug/l

RT: 7.372 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VX041233.D

Acq: 24 Apr 2024 14:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 164510

Ion Ratio Lower Upper

83 100

55 74.4 64.6 97.0

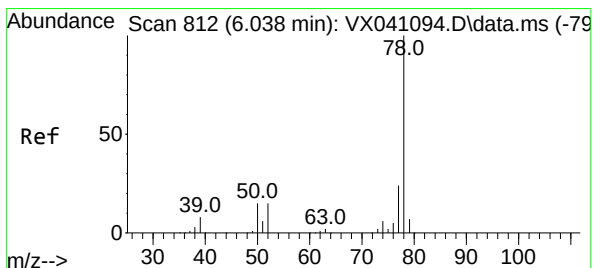
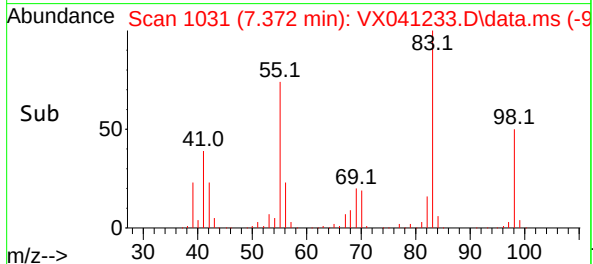
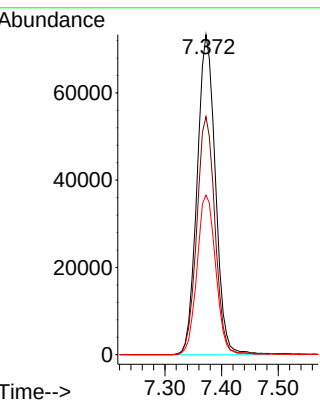
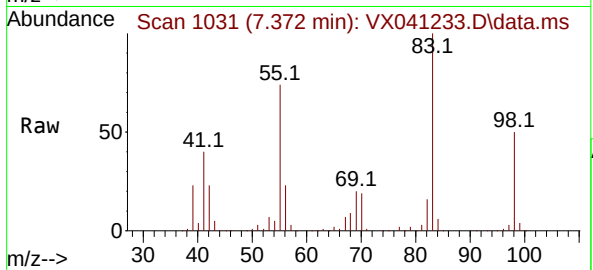
98 49.8 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2024

Supervised By :Mahesh Dadoda 04/25/2024



#40

Benzene

Concen: 49.082 ug/l

RT: 6.031 min Scan# 811

Delta R.T. -0.000 min

Lab File: VX041233.D

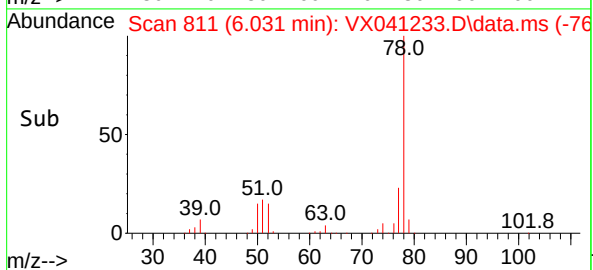
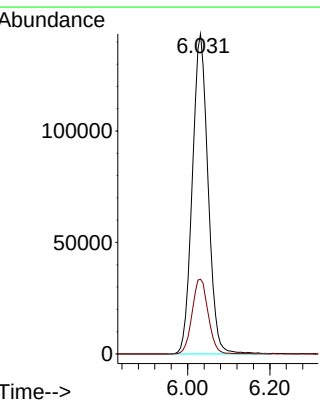
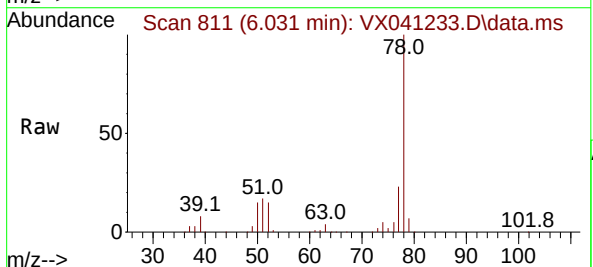
Acq: 24 Apr 2024 14:50

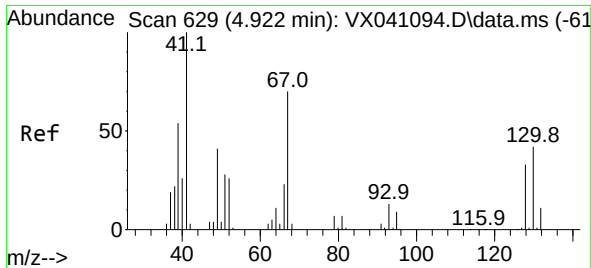
Tgt Ion: 78 Resp: 380871

Ion Ratio Lower Upper

78 100

77 23.4 19.3 28.9





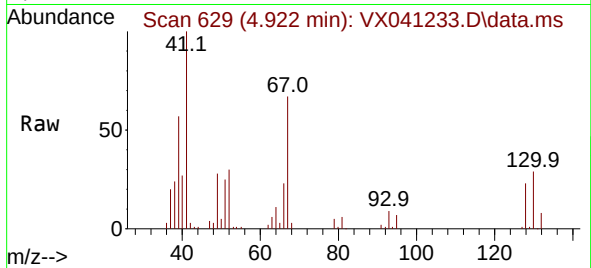
#41
Methacrylonitrile
Concen: 47.127 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX041233.D
Acq: 24 Apr 2024 14:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



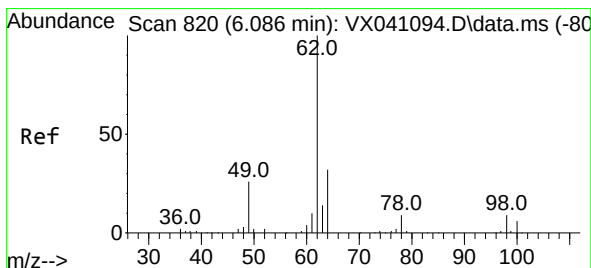
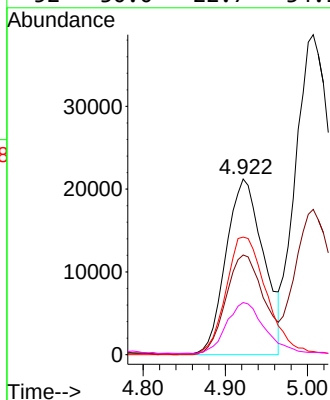
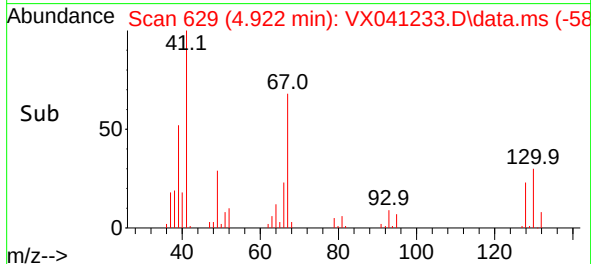
Tgt Ion: 41 Resp: 67634
Ion Ratio Lower Upper
41 100
39 56.7 45.2 67.8
67 72.6 52.6 78.8
52 30.0 22.7 34.1

Manual Integrations

APPROVED

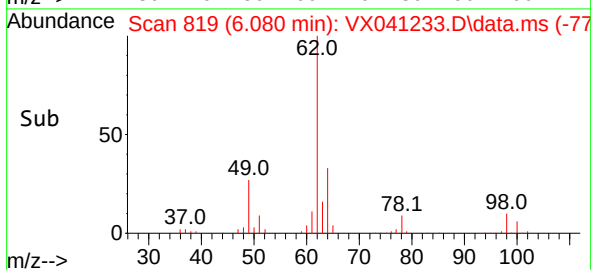
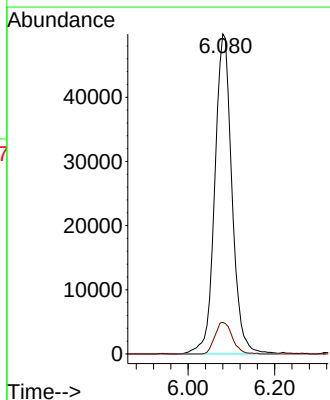
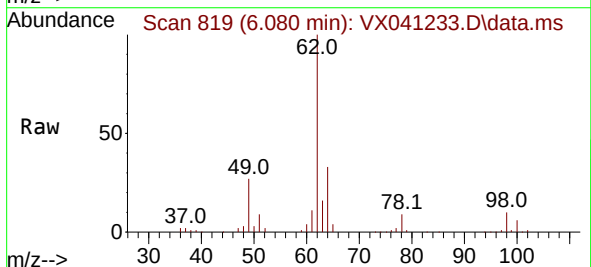
Reviewed By :John Carlone 04/25/2024

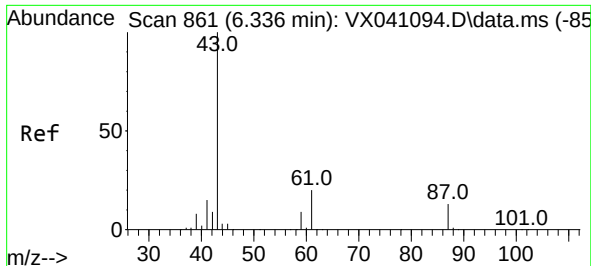
Supervised By :Mahesh Dadoda 04/25/2024



#42
1,2-Dichloroethane
Concen: 51.145 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX041233.D
Acq: 24 Apr 2024 14:50

Tgt Ion: 62 Resp: 137610
Ion Ratio Lower Upper
62 100
98 10.0 0.0 16.0





#43

Isopropyl Acetate

Concen: 52.241 ug/l

RT: 6.342 min Scan# 80

Delta R.T. -0.006 min

Lab File: VX041233.D

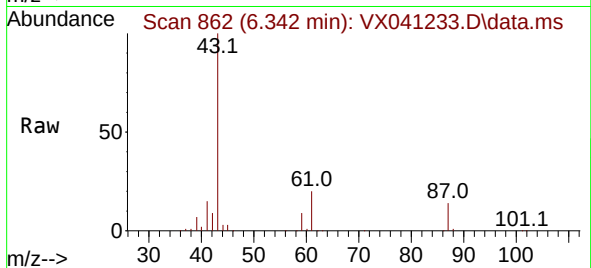
Acq: 24 Apr 2024 14:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



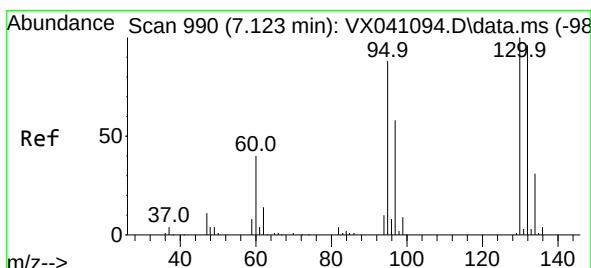
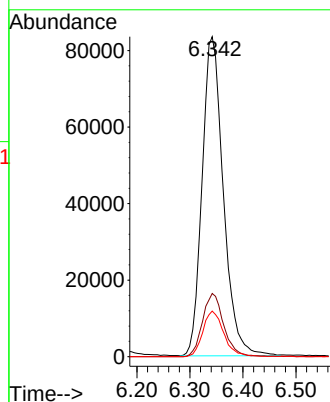
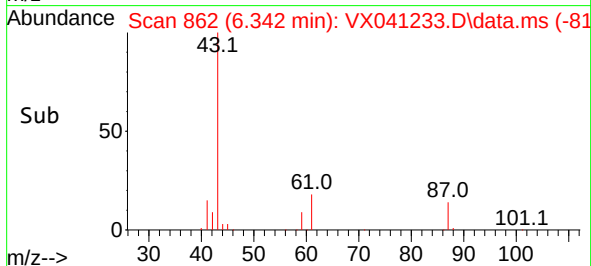
Tgt Ion: 43	Resp: 23199
Ion Ratio	Lower Upper
43	100
61	19.8 15.2 22.8
87	14.1 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2024

Supervised By :Mahesh Dadoda 04/25/2024



#44

Trichloroethene

Concen: 48.484 ug/l

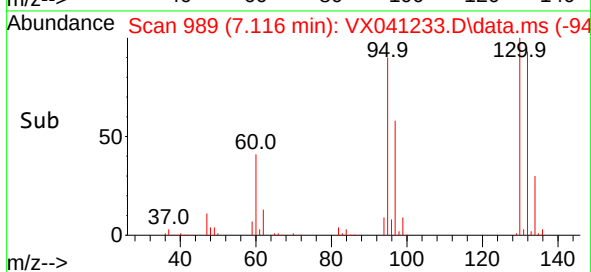
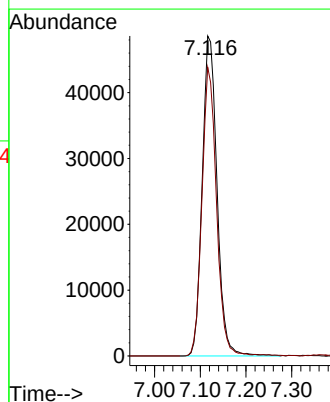
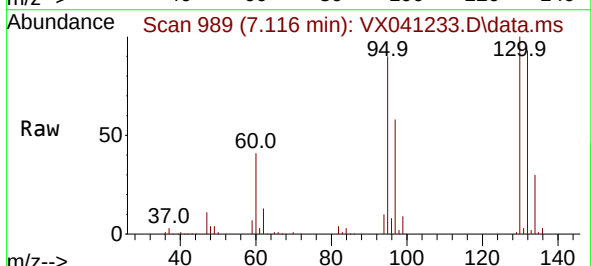
RT: 7.116 min Scan# 989

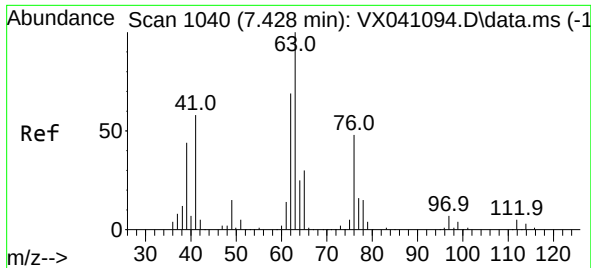
Delta R.T. -0.006 min

Lab File: VX041233.D

Acq: 24 Apr 2024 14:50

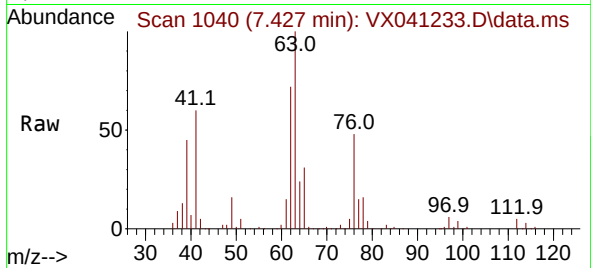
Tgt Ion:130	Resp: 109385
Ion Ratio	Lower Upper
130	100
95	90.2 0.0 204.4





#45
1,2-Dichloropropane
Concen: 49.653 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX041233.D
Acq: 24 Apr 2024 14:50

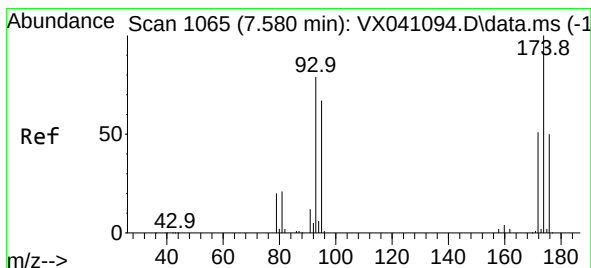
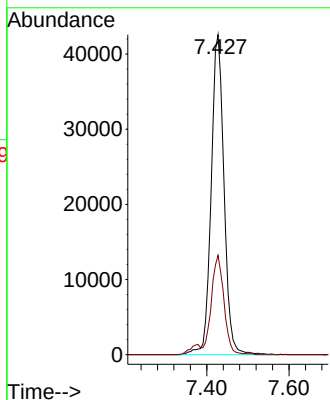
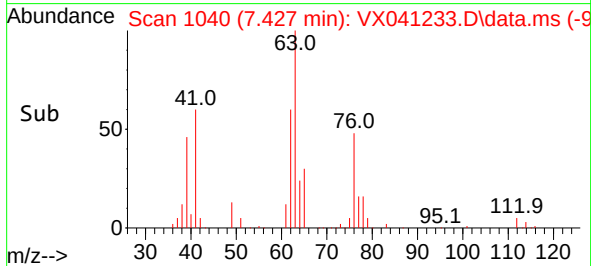
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 63 Resp: 92384
Ion Ratio Lower Upper
63 100
65 31.0 24.3 36.5

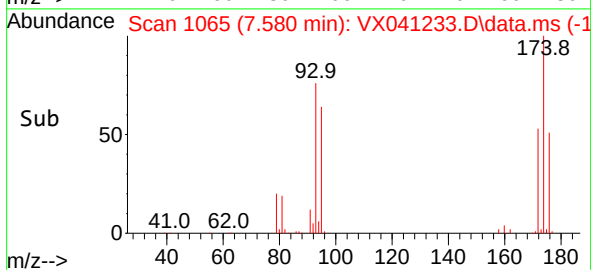
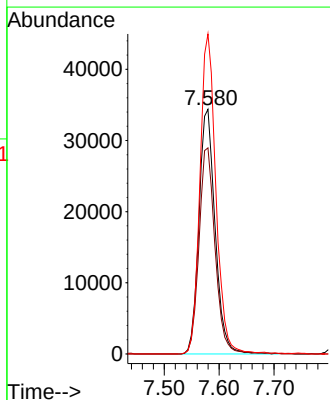
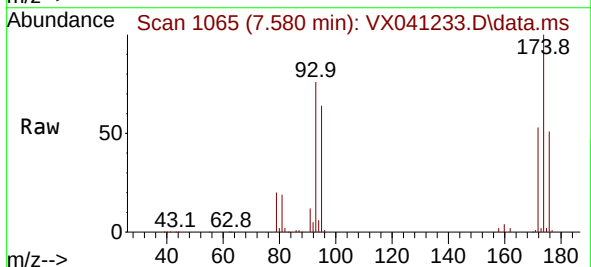
Manual Integrations
APPROVED

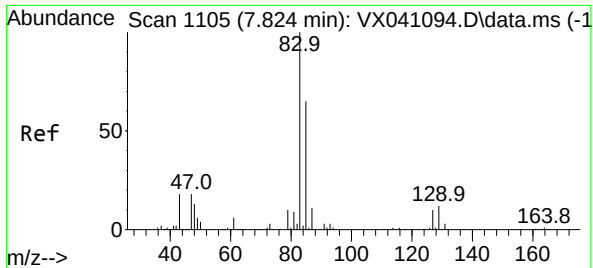
Reviewed By :John Carlone 04/25/2024
Supervised By :Mahesh Dadoda 04/25/2024



#46
Dibromomethane
Concen: 50.858 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX041233.D
Acq: 24 Apr 2024 14:50

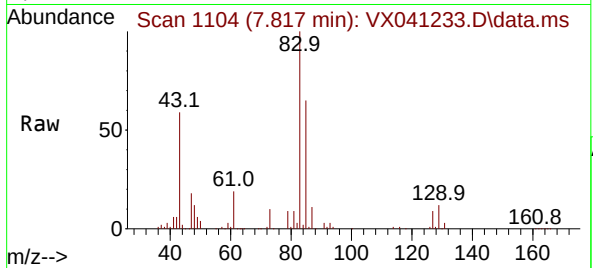
Tgt Ion: 93 Resp: 70559
Ion Ratio Lower Upper
93 100
95 83.6 66.6 100.0
174 128.5 69.4 104.0#





#47
Bromodichloromethane
Concen: 53.898 ug/l
RT: 7.817 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX041233.D
Acq: 24 Apr 2024 14:50

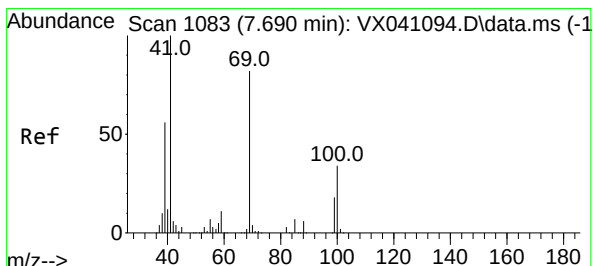
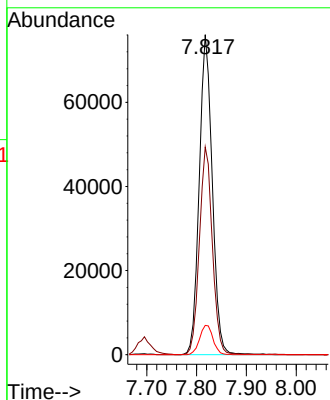
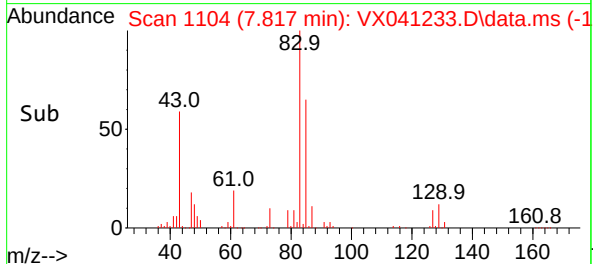
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 137834
Ion Ratio Lower Upper
83 100
85 64.9 49.8 74.6
127 9.1 7.1 10.7

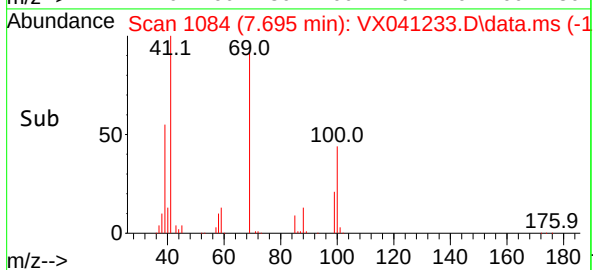
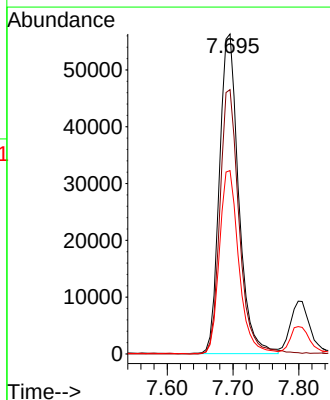
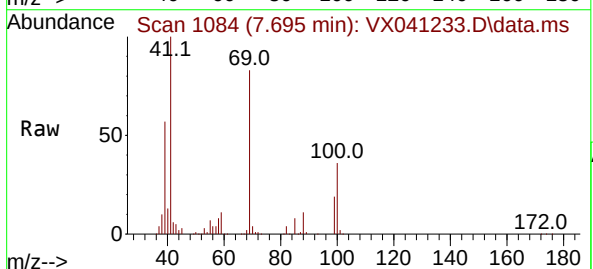
Manual Integrations
APPROVED

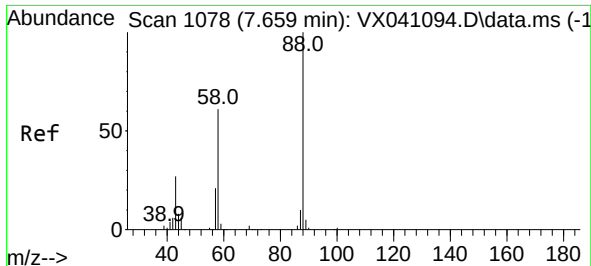
Reviewed By :John Carlone 04/25/2024
Supervised By :Mahesh Dadoda 04/25/2024



#48
Methyl methacrylate
Concen: 54.701 ug/l
RT: 7.695 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX041233.D
Acq: 24 Apr 2024 14:50

Tgt Ion: 41 Resp: 114896
Ion Ratio Lower Upper
41 100
69 82.4 59.2 88.8
39 58.0 47.7 71.5





#49

1,4-Dioxane

Concen: 1104.827 ug/l

RT: 7.671 min Scan# 1078

Delta R.T. -0.006 min

Lab File: VX041233.D

Acq: 24 Apr 2024 14:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

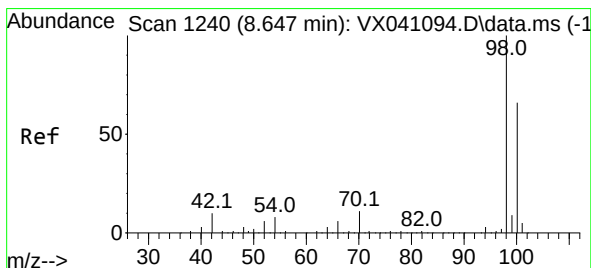
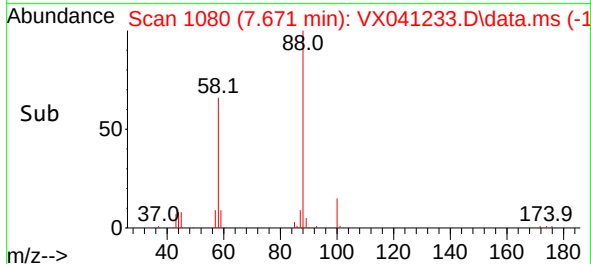
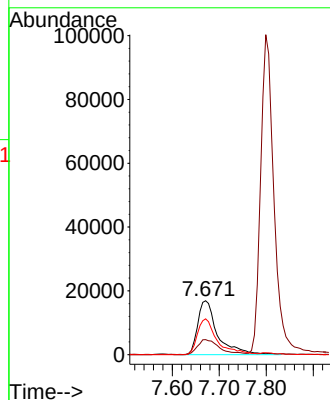
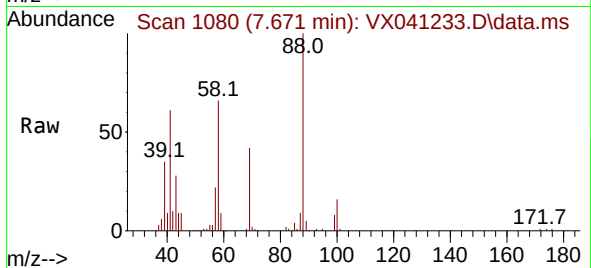
Tgt Ion: 88 Resp: 49948
 Ion Ratio Lower Upper
 88 100
 43 29.6 0.0 0.0
 58 65.6 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2024

Supervised By :Mahesh Dadoda 04/25/2024



#50

Toluene-d8

Concen: 45.288 ug/l

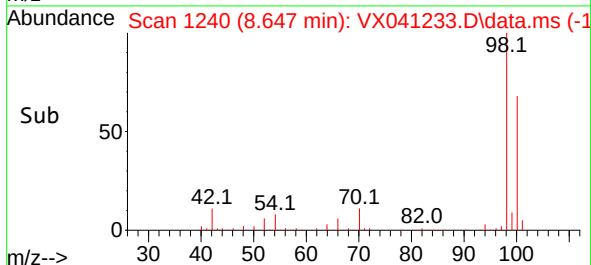
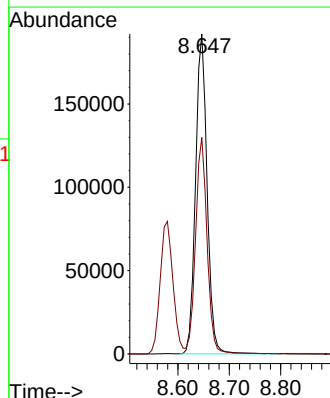
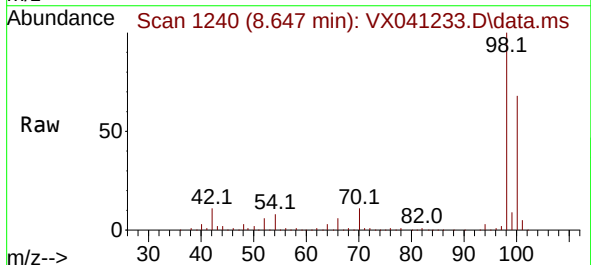
RT: 8.647 min Scan# 1240

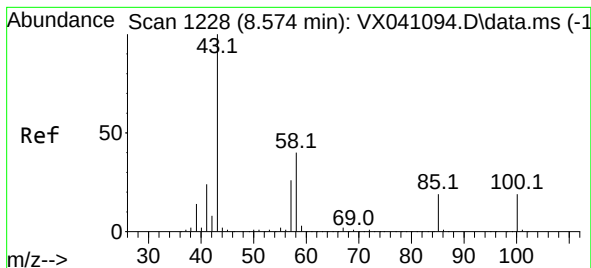
Delta R.T. -0.000 min

Lab File: VX041233.D

Acq: 24 Apr 2024 14:50

Tgt Ion: 98 Resp: 300052
 Ion Ratio Lower Upper
 98 100
 100 66.9 53.1 79.7





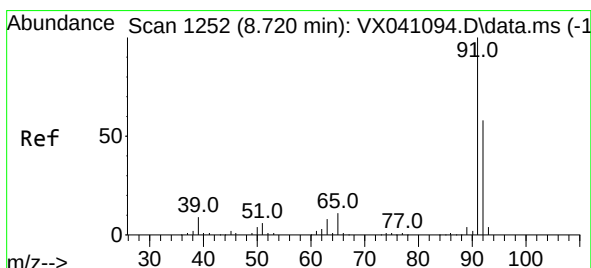
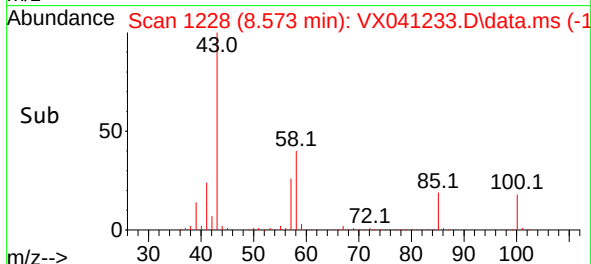
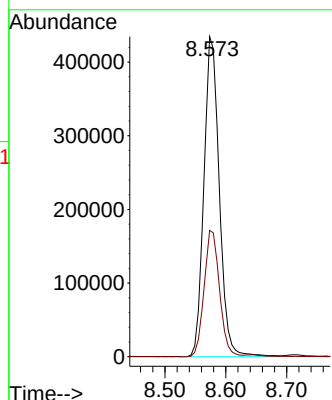
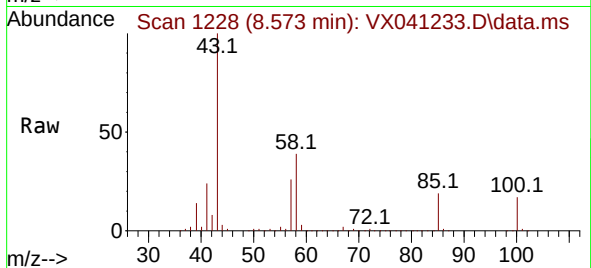
#51
4-Methyl-2-Pentanone
Concen: 274.740 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VX041233.D
Acq: 24 Apr 2024 14:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 76366
Ion Ratio Lower Upper
43 100
58 39.5 30.4 45.6

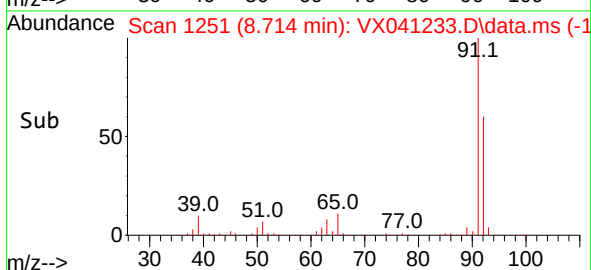
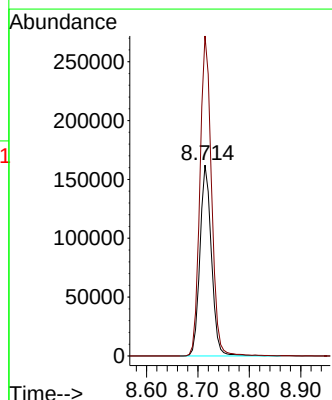
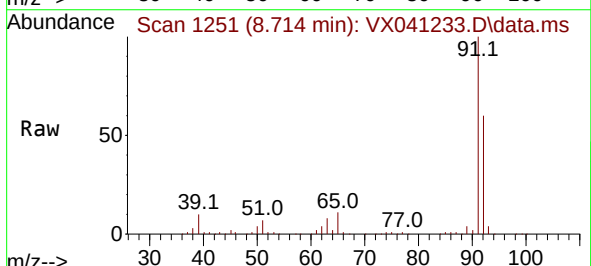
Manual Integrations
APPROVED

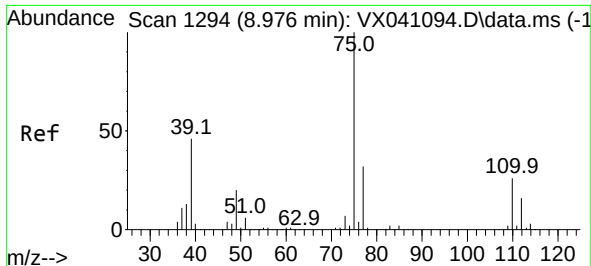
Reviewed By :John Carlone 04/25/2024
Supervised By :Mahesh Dadoda 04/25/2024



#52
Toluene
Concen: 51.425 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX041233.D
Acq: 24 Apr 2024 14:50

Tgt Ion: 92 Resp: 251449
Ion Ratio Lower Upper
92 100
91 169.1 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 55.128 ug/l
RT: 8.976 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VX041233.D
Acq: 24 Apr 2024 14:50

Instrument :

MSVOA_X

ClientSampleId :

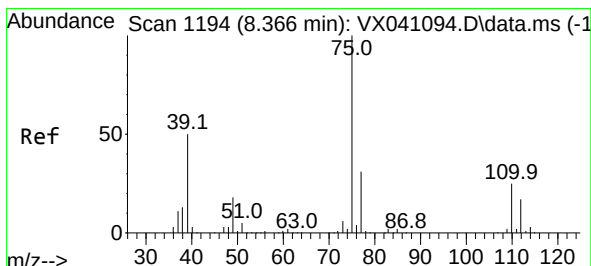
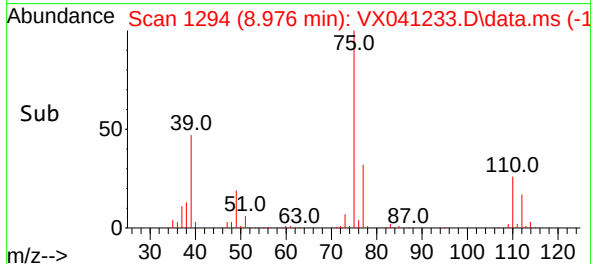
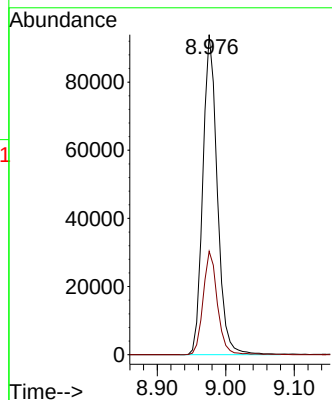
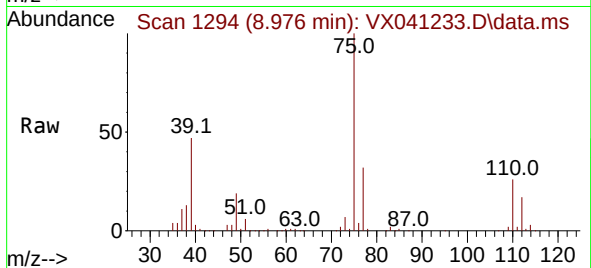
VSTDCCC050EC

Tgt Ion: 75 Resp: 138284
Ion Ratio Lower Upper
75 100
77 32.3 25.7 38.5

Manual Integrations

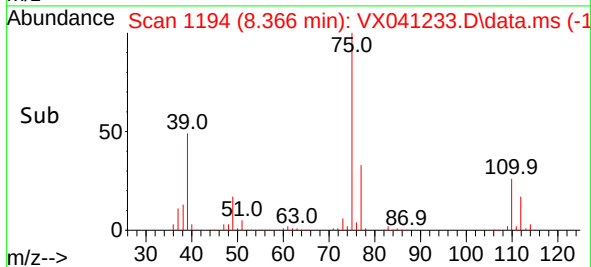
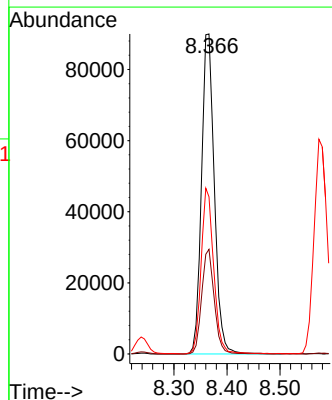
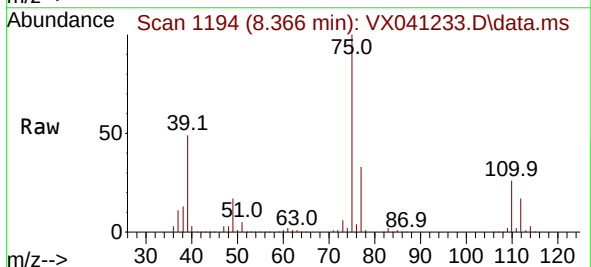
APPROVED

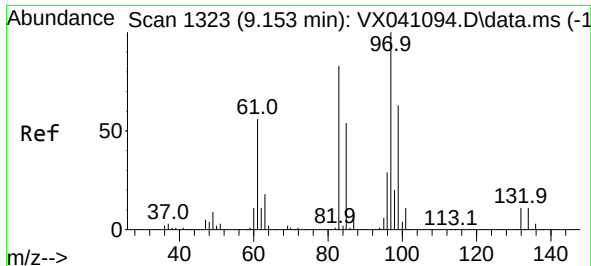
Reviewed By :John Carlone 04/25/2024
Supervised By :Mahesh Dadoda 04/25/2024



#54
cis-1,3-Dichloropropene
Concen: 52.980 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX041233.D
Acq: 24 Apr 2024 14:50

Tgt Ion: 75 Resp: 151077
Ion Ratio Lower Upper
75 100
77 32.7 25.3 37.9
39 49.0 46.7 70.1





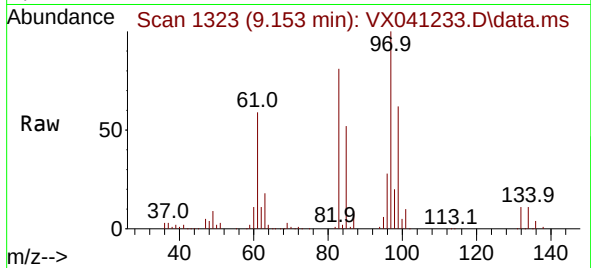
#55
1,1,2-Trichloroethane
Concen: 52.843 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX041233.D
Acq: 24 Apr 2024 14:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



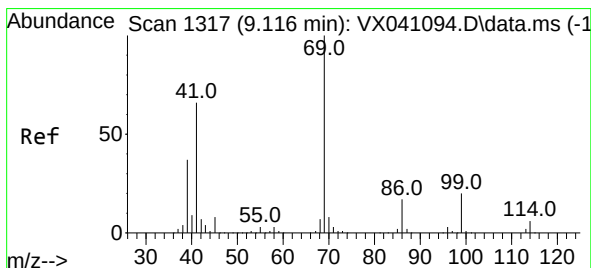
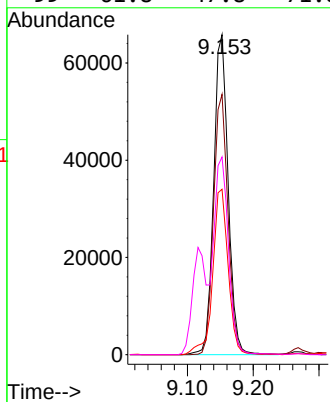
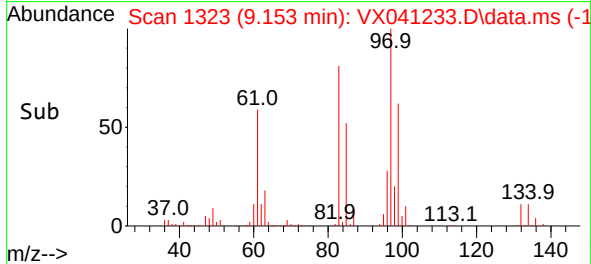
Tgt Ion: 97 Resp: 10082
Ion Ratio Lower Upper
97 100
83 81.3 65.8 98.8
85 51.7 41.6 62.4
99 61.8 47.8 71.8

Manual Integrations

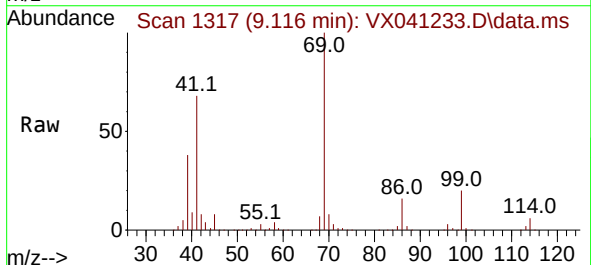
APPROVED

Reviewed By :John Carlone 04/25/2024

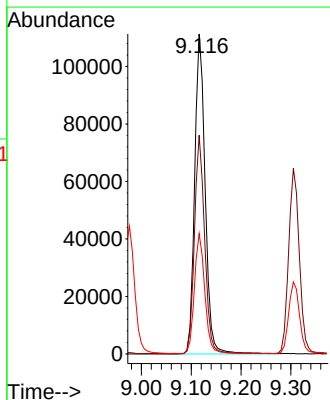
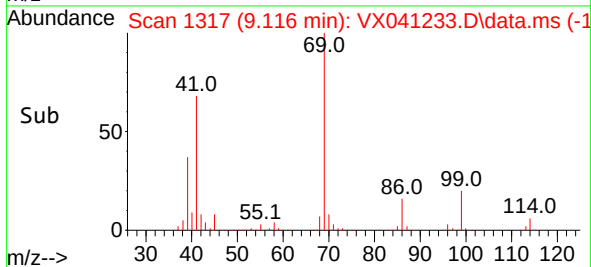
Supervised By :Mahesh Dadoda 04/25/2024

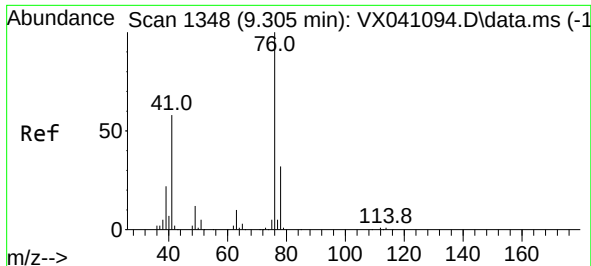


#56
Ethyl methacrylate
Concen: 55.706 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VX041233.D
Acq: 24 Apr 2024 14:50



Tgt Ion: 69 Resp: 162483
Ion Ratio Lower Upper
69 100
41 66.5 56.8 85.2
39 37.3 32.0 48.0





#57

1,3-Dichloropropane

Concen: 51.750 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX041233.D

Acq: 24 Apr 2024 14:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 16344

Ion Ratio Lower Upper

76 100

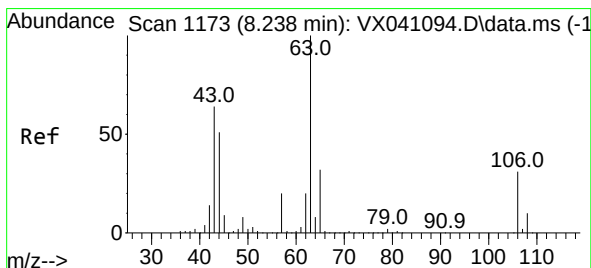
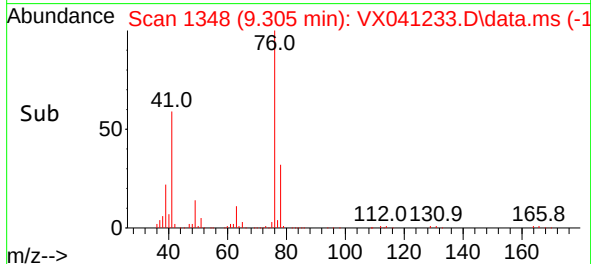
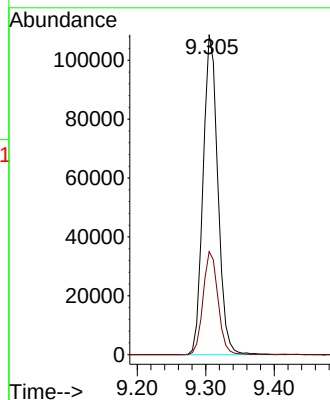
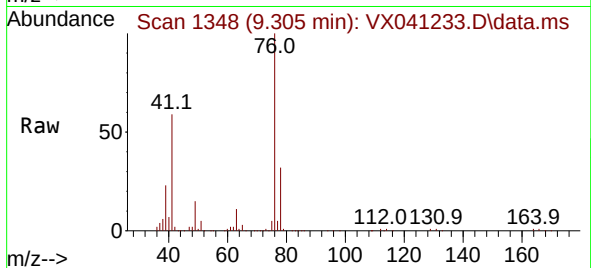
78 32.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2024

Supervised By :Mahesh Dadoda 04/25/2024



#58

2-Chloroethyl Vinyl ether

Concen: 251.588 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX041233.D

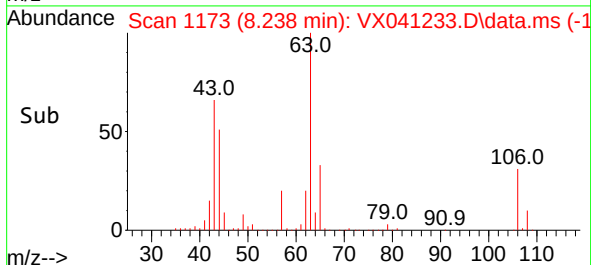
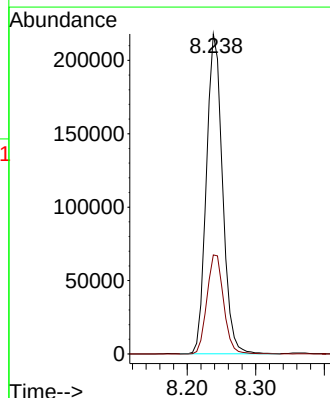
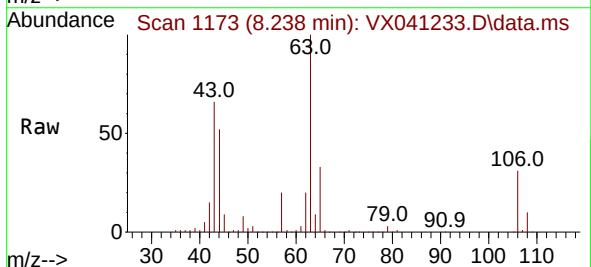
Acq: 24 Apr 2024 14:50

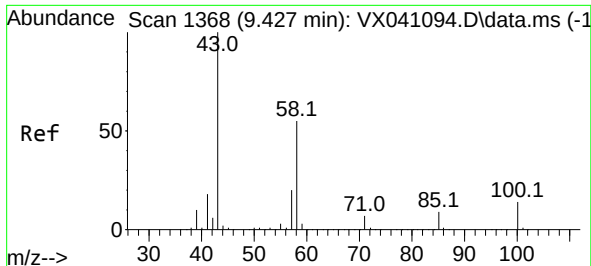
Tgt Ion: 63 Resp: 357156

Ion Ratio Lower Upper

63 100

106 32.1 22.5 33.7





#59

2-Hexanone

Concen: 276.695 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. -0.000 min

Lab File: VX041233.D

Acq: 24 Apr 2024 14:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 589778

Ion Ratio Lower Upper

43 100

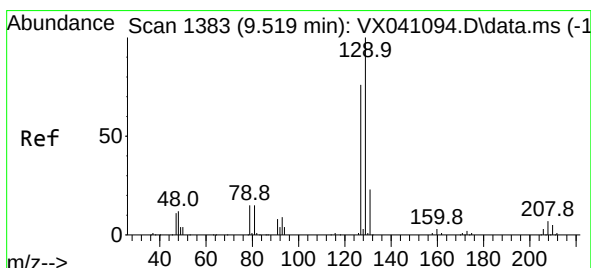
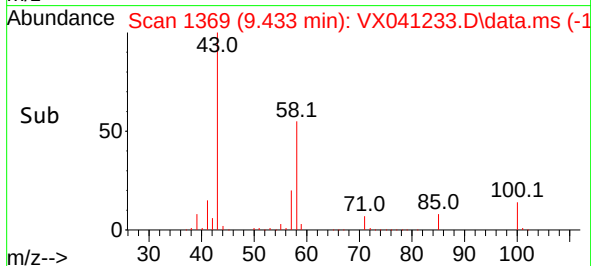
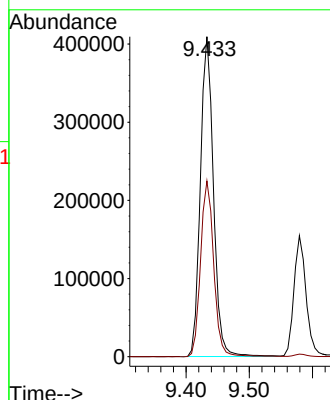
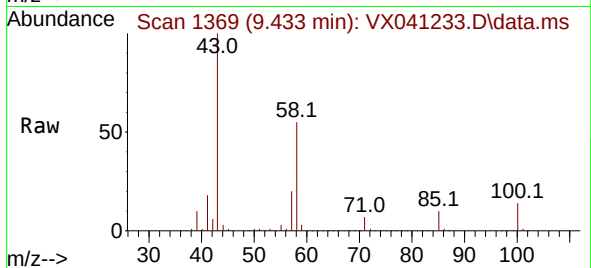
58 55.5 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2024

Supervised By :Mahesh Dadoda 04/25/2024



#60

Dibromochloromethane

Concen: 55.130 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.006 min

Lab File: VX041233.D

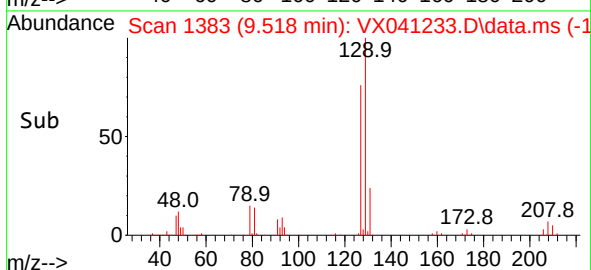
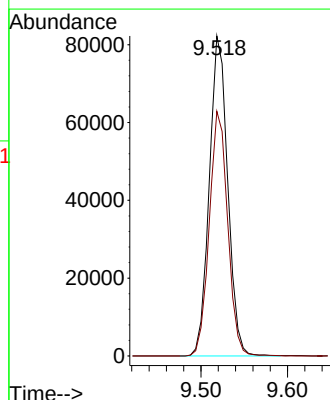
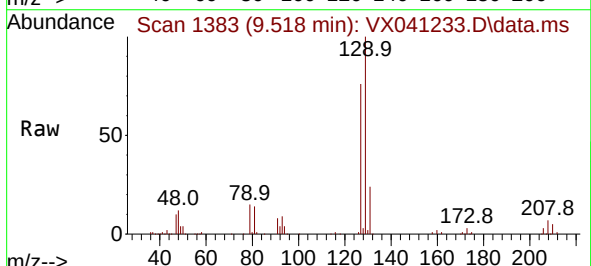
Acq: 24 Apr 2024 14:50

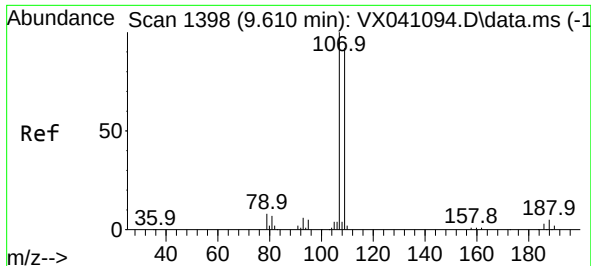
Tgt Ion:129 Resp: 121423

Ion Ratio Lower Upper

129 100

127 76.5 38.8 116.4





#61
1,2-Dibromoethane
Concen: 52.452 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX041233.D
Acq: 24 Apr 2024 14:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

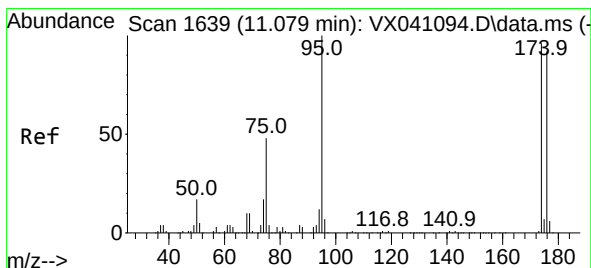
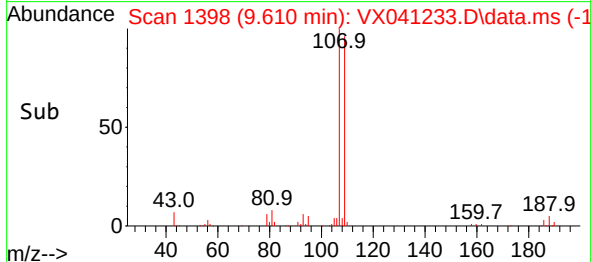
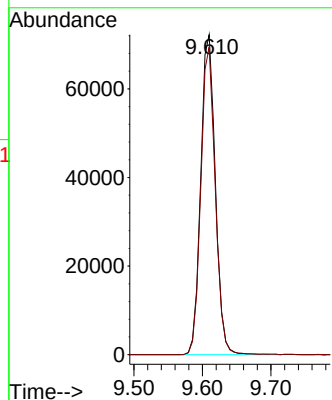
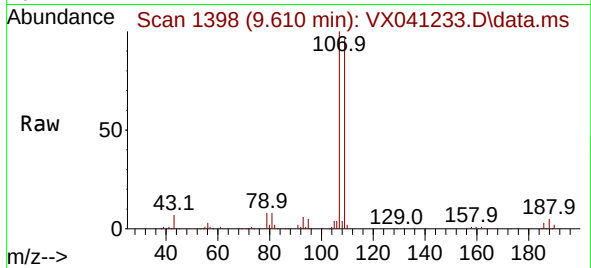
Tgt Ion:107 Resp: 107372
Ion Ratio Lower Upper
107 100
109 94.9 75.2 112.8

Manual Integrations

APPROVED

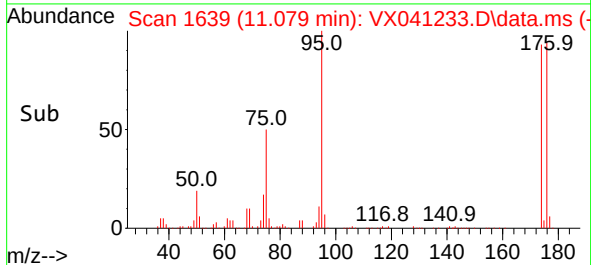
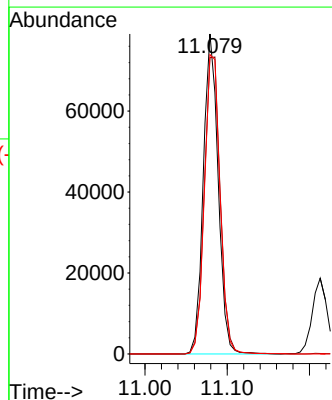
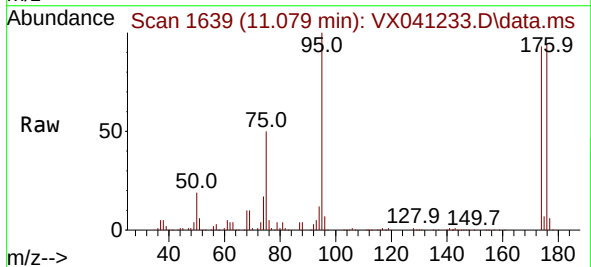
Reviewed By :John Carlone 04/25/2024

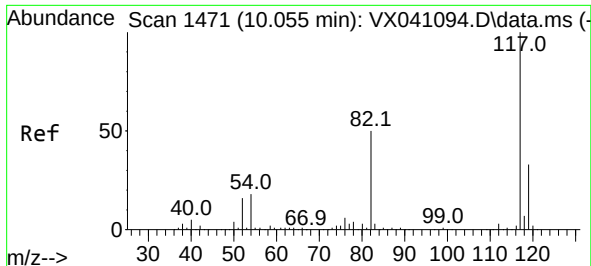
Supervised By :Mahesh Dadoda 04/25/2024



#62
4-Bromofluorobenzene
Concen: 40.567 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX041233.D
Acq: 24 Apr 2024 14:50

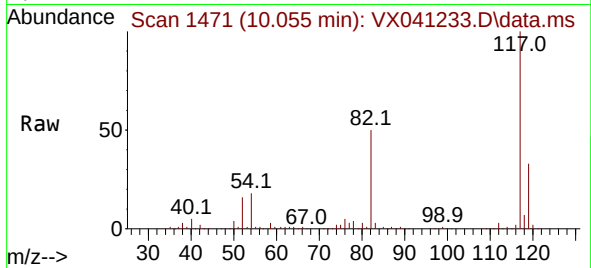
Tgt Ion: 95 Resp: 99203
Ion Ratio Lower Upper
95 100
174 99.6 0.0 135.6
176 98.2 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041233.D
Acq: 24 Apr 2024 14:50

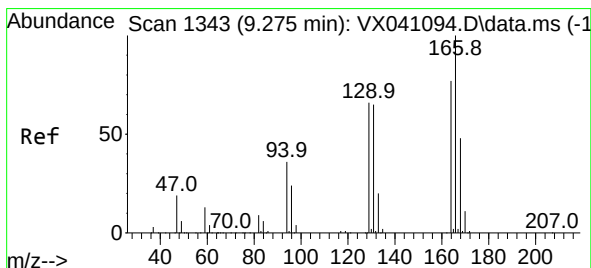
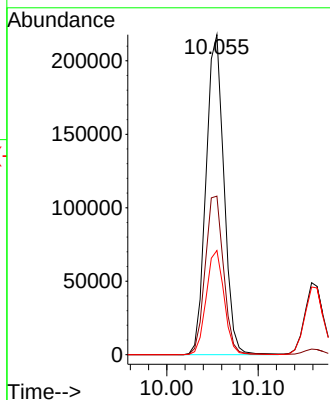
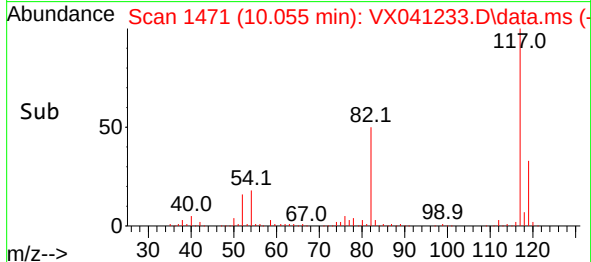
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 295790
Ion Ratio Lower Upper
117 100
82 49.6 46.2 69.4
119 32.6 25.5 38.3

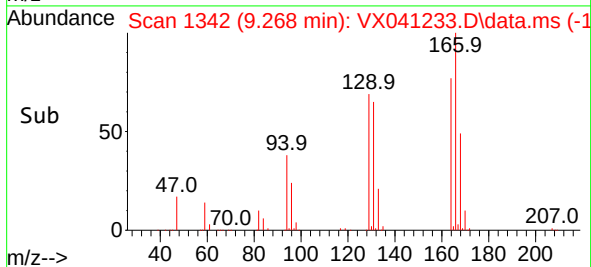
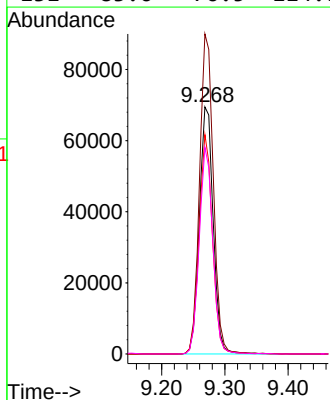
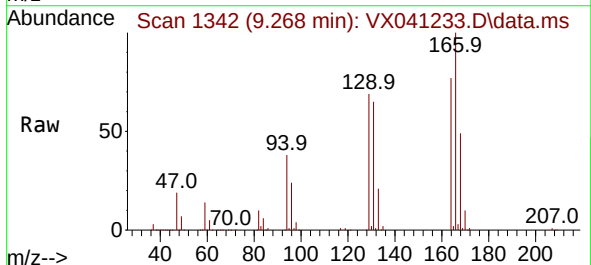
Manual Integrations
APPROVED

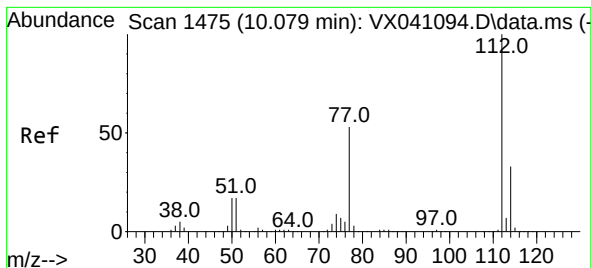
Reviewed By :John Carlone 04/25/2024
Supervised By :Mahesh Dadoda 04/25/2024



#64
Tetrachloroethene
Concen: 46.745 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX041233.D
Acq: 24 Apr 2024 14:50

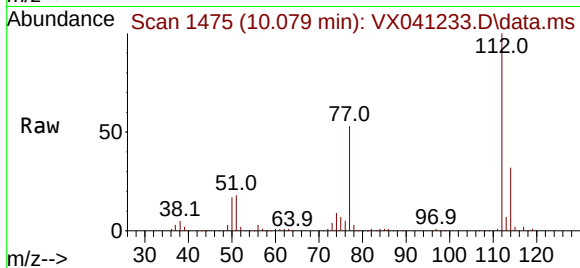
Tgt Ion:164 Resp: 106043
Ion Ratio Lower Upper
164 100
166 129.5 102.7 154.1
129 88.8 80.4 120.6
131 83.6 76.5 114.7





#65
Chlorobenzene
Concen: 48.333 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX041233.D
Acq: 24 Apr 2024 14:50

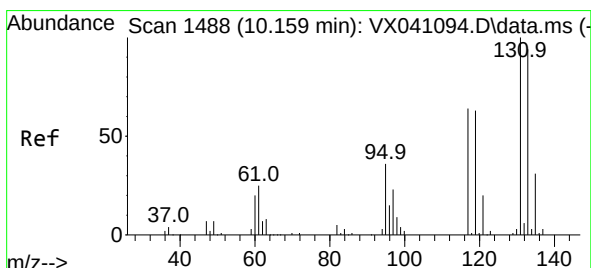
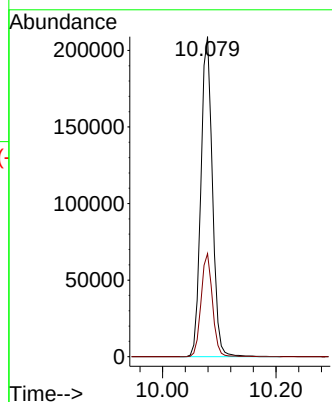
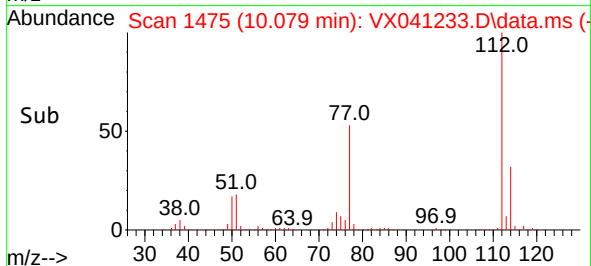
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



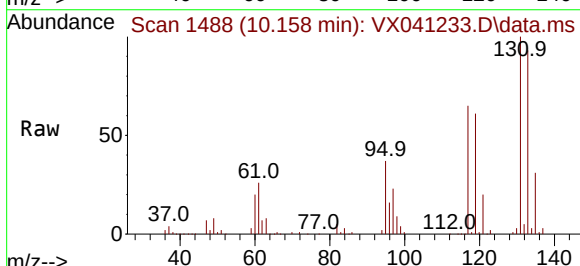
Tgt Ion:112 Resp: 294224
Ion Ratio Lower Upper
112 100
114 32.2 25.7 38.5

Manual Integrations
APPROVED

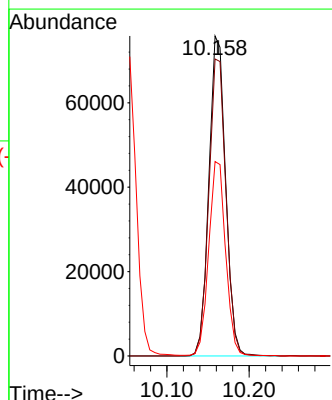
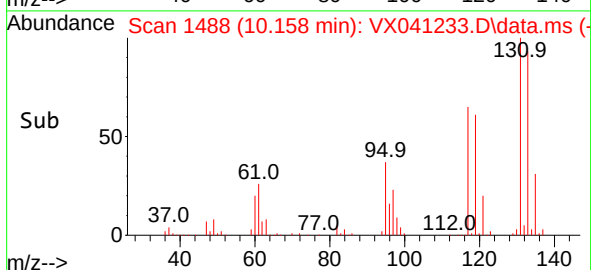
Reviewed By :John Carlone 04/25/2024
Supervised By :Mahesh Dadoda 04/25/2024

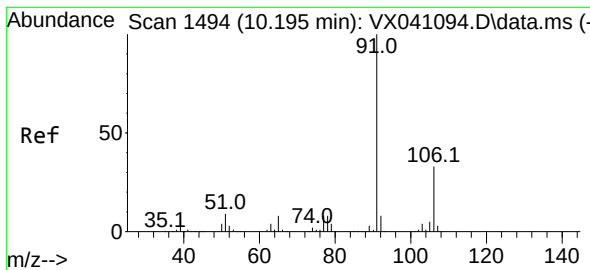


#66
1,1,1,2-Tetrachloroethane
Concen: 51.409 ug/l
RT: 10.158 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX041233.D
Acq: 24 Apr 2024 14:50



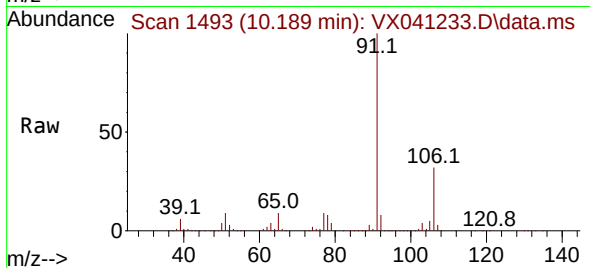
Tgt Ion:131 Resp: 107194
Ion Ratio Lower Upper
131 100
133 94.9 47.1 141.4
119 61.7 32.2 96.6





#67
Ethyl Benzene
Concen: 46.566 ug/l
RT: 10.189 min Scan# 1494
Delta R.T. -0.006 min
Lab File: VX041233.D
Acq: 24 Apr 2024 14:50

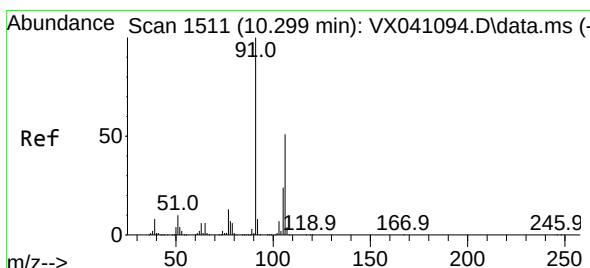
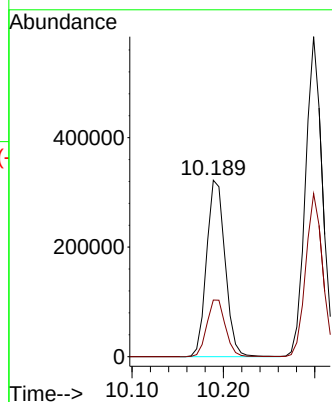
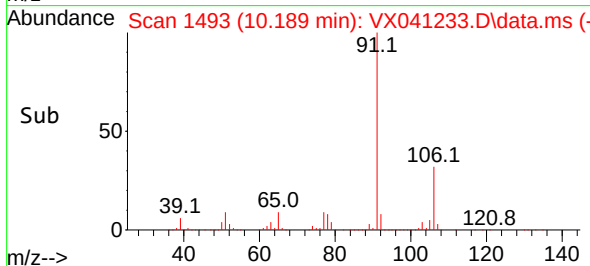
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 452380
Ion Ratio Lower Upper
91 100
106 32.1 24.9 37.3

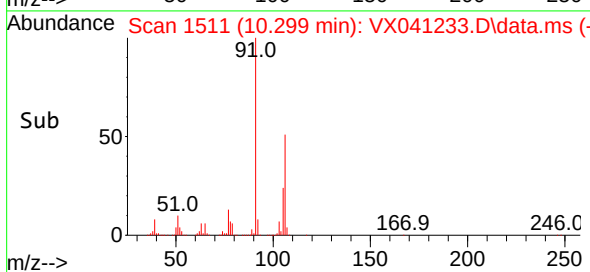
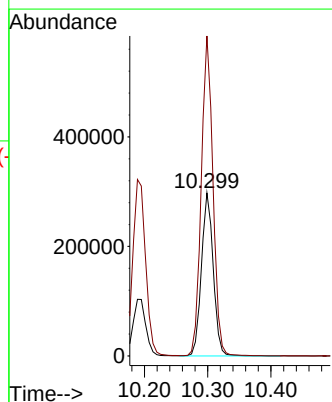
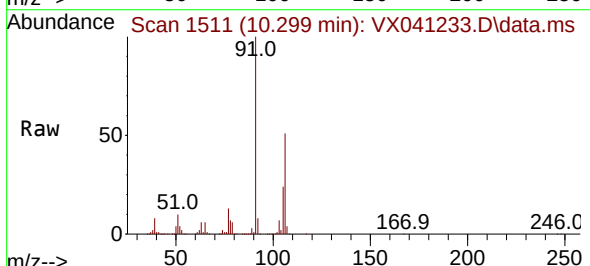
Manual Integrations
APPROVED

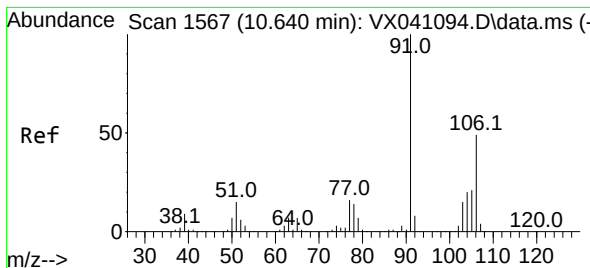
Reviewed By :John Carlone 04/25/2024
Supervised By :Mahesh Dadoda 04/25/2024



#68
m/p-Xylenes
Concen: 98.439 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX041233.D
Acq: 24 Apr 2024 14:50

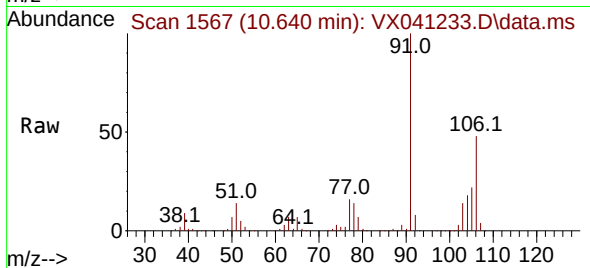
Tgt Ion:106 Resp: 386050
Ion Ratio Lower Upper
106 100
91 194.9 165.5 248.3





#69
o-Xylene
Concen: 49.880 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX041233.D
Acq: 24 Apr 2024 14:50

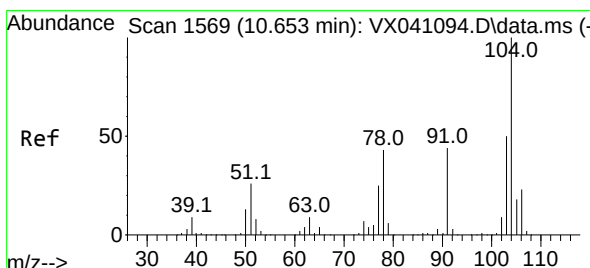
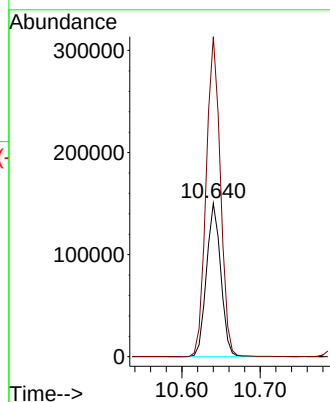
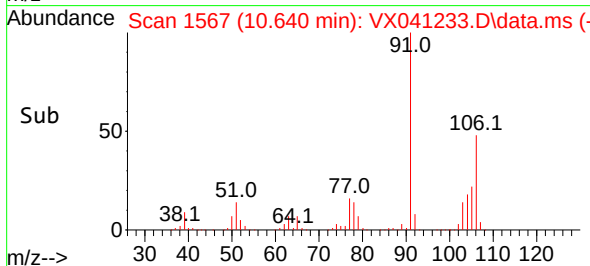
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 190252
Ion Ratio Lower Upper
106 100
91 207.8 108.9 326.8

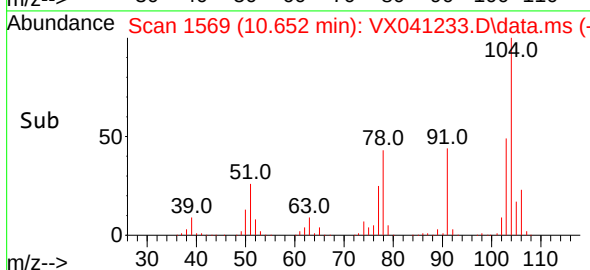
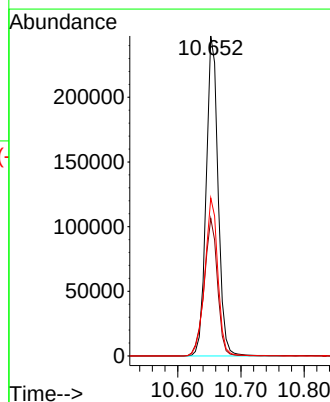
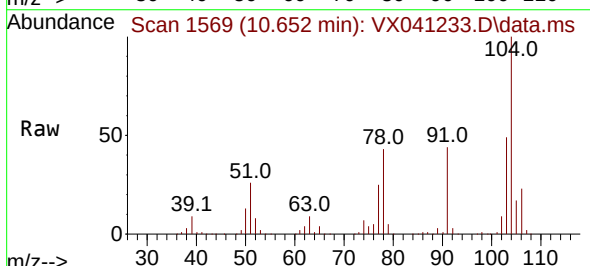
Manual Integrations
APPROVED

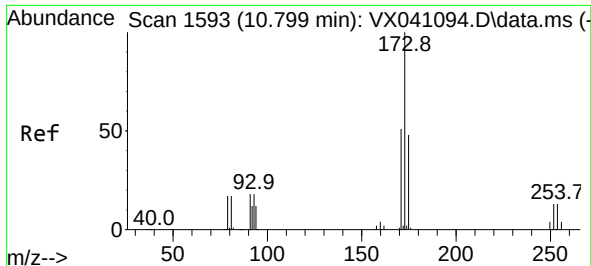
Reviewed By :John Carlone 04/25/2024
Supervised By :Mahesh Dadoda 04/25/2024



#70
Styrene
Concen: 52.443 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX041233.D
Acq: 24 Apr 2024 14:50

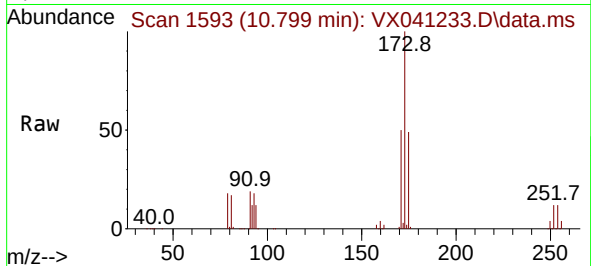
Tgt Ion:104 Resp: 325424
Ion Ratio Lower Upper
104 100
78 47.7 43.6 65.4
103 53.9 43.6 65.4





#71
Bromoform
Concen: 56.065 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX041233.D
Acq: 24 Apr 2024 14:50

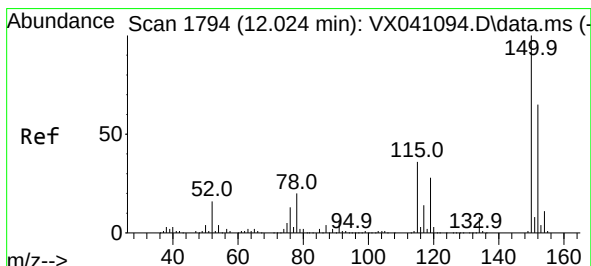
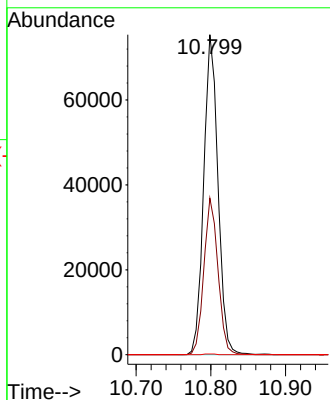
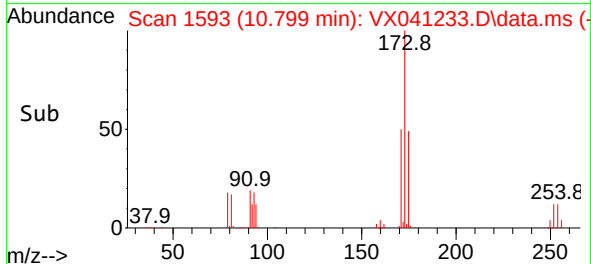
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



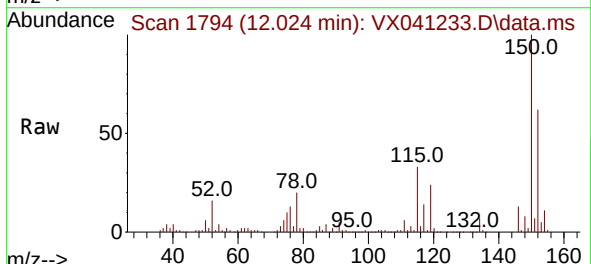
Tgt Ion:173 Resp: 99940
Ion Ratio Lower Upper
173 100
175 48.4 24.1 72.4
254 0.2 0.0 0.0

Manual Integrations
APPROVED

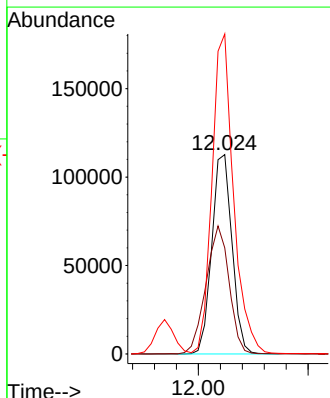
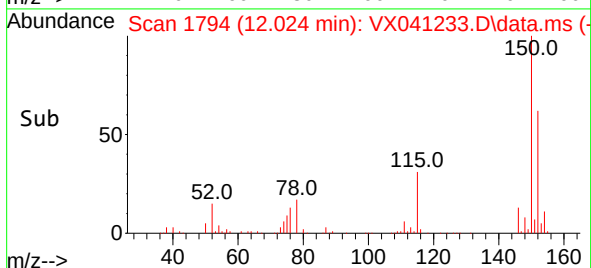
Reviewed By :John Carlone 04/25/2024
Supervised By :Mahesh Dadoda 04/25/2024

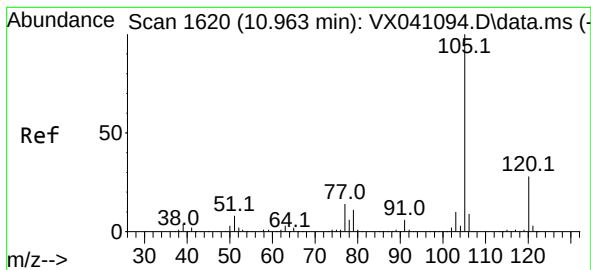


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX041233.D
Acq: 24 Apr 2024 14:50



Tgt Ion:152 Resp: 144584
Ion Ratio Lower Upper
152 100
115 73.5 43.3 129.9
150 170.4 0.0 345.0





#73

Isopropylbenzene

Concen: 49.977 ug/l

RT: 10.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX041233.D

Acq: 24 Apr 2024 14:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 44959

Ion Ratio Lower Upper

105 100

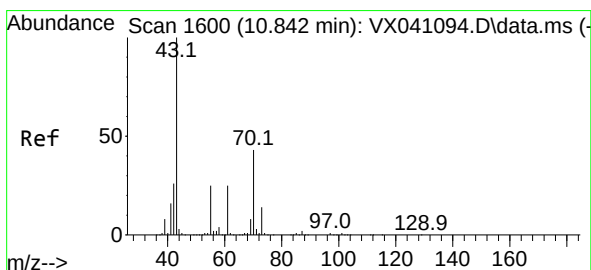
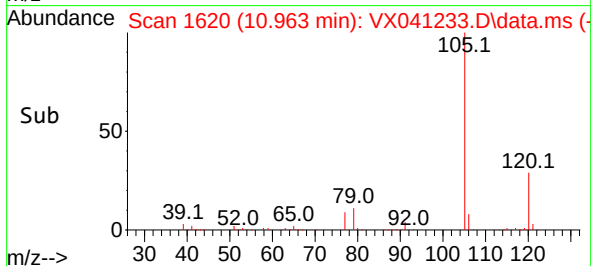
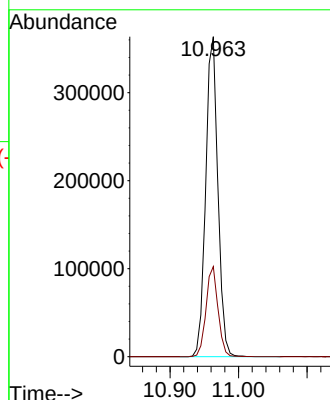
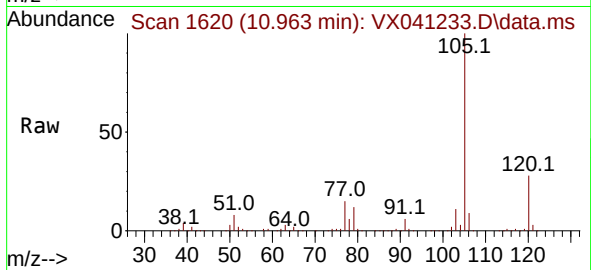
120 27.7 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2024

Supervised By :Mahesh Dadoda 04/25/2024



#74

N-ethyl acetate

Concen: 58.975 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX041233.D

Acq: 24 Apr 2024 14:50

Tgt Ion: 43 Resp: 208511

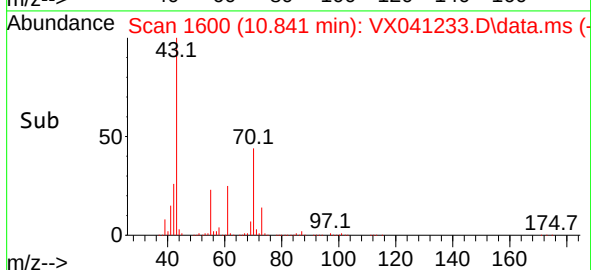
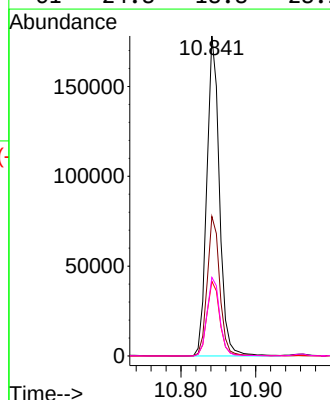
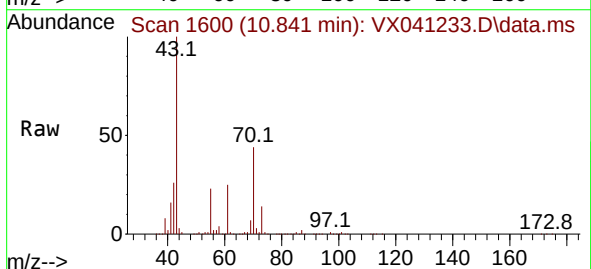
Ion Ratio Lower Upper

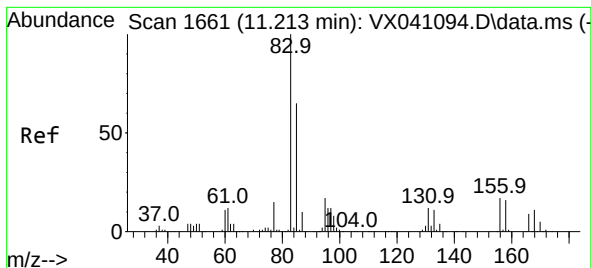
43 100

70 43.6 32.9 49.3

55 23.8 19.3 28.9

61 24.8 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 48.193 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. -0.000 min

Lab File: VX041233.D

Acq: 24 Apr 2024 14:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

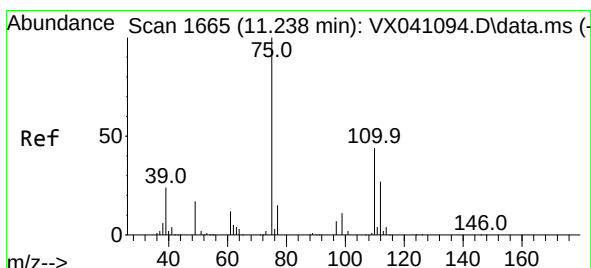
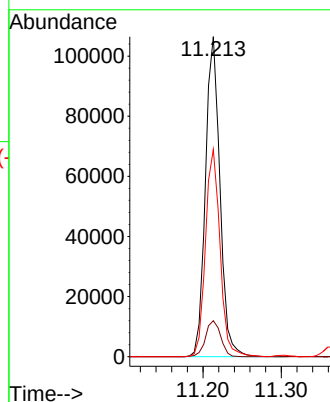
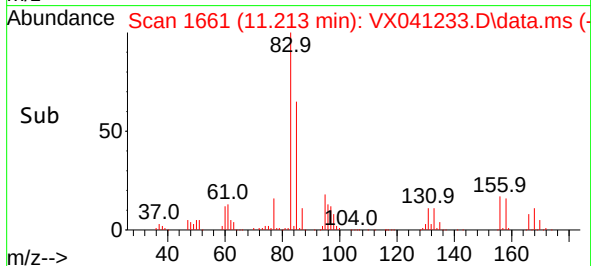
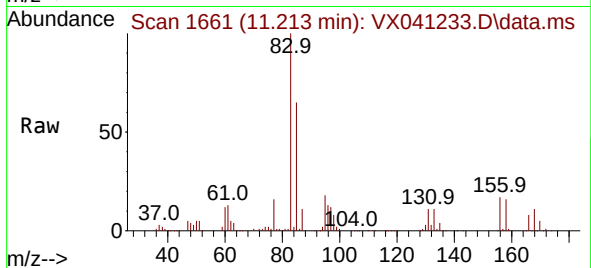
Tgt Ion: 83 Resp: 136725
 Ion Ratio Lower Upper
 83 100
 131 11.7 5.3 15.8
 85 64.9 32.0 96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2024

Supervised By :Mahesh Dadoda 04/25/2024



#76

1,2,3-Trichloropropane

Concen: 46.964 ug/l m

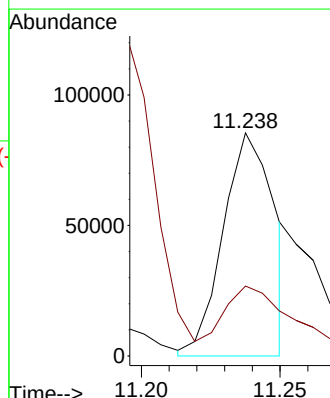
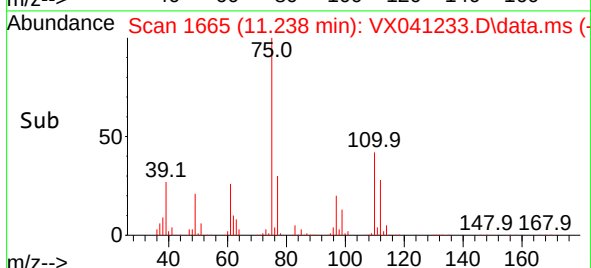
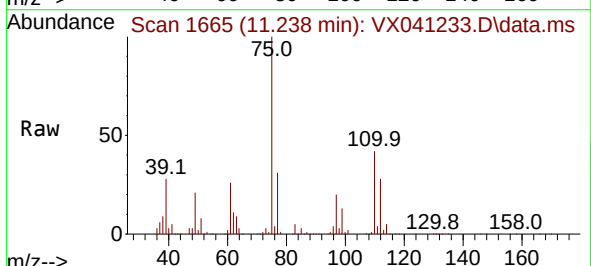
RT: 11.238 min Scan# 1665

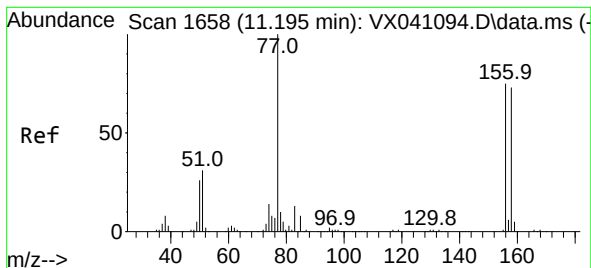
Delta R.T. -0.000 min

Lab File: VX041233.D

Acq: 24 Apr 2024 14:50

Tgt Ion: 75 Resp: 109402
 Ion Ratio Lower Upper
 75 100
 77 43.8 19.1 57.5





#77

Bromobenzene

Concen: 46.970 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.006 min

Lab File: VX041233.D

Acq: 24 Apr 2024 14:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:156 Resp: 122963

Ion Ratio Lower Upper

156 100

77 126.4 88.4 265.3

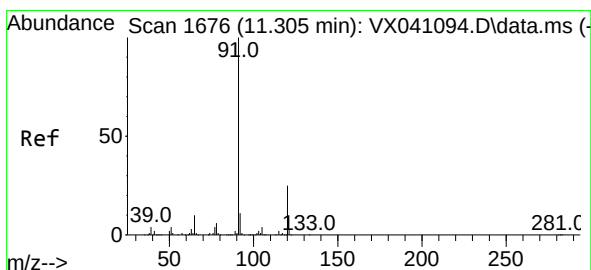
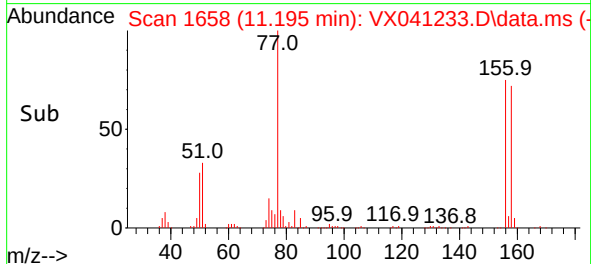
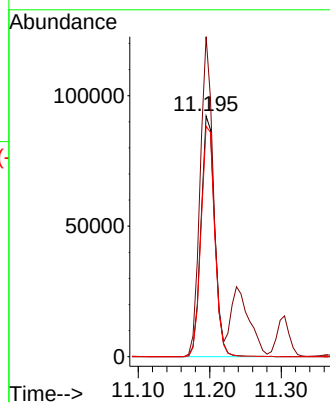
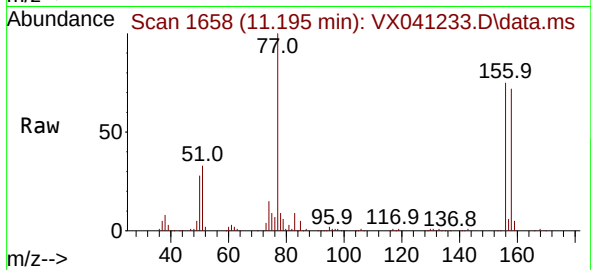
158 96.3 48.0 144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2024

Supervised By :Mahesh Dadoda 04/25/2024



#78

n-propylbenzene

Concen: 48.648 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX041233.D

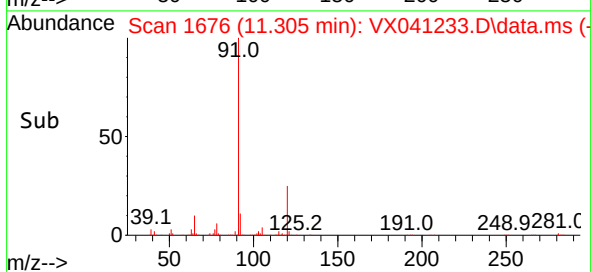
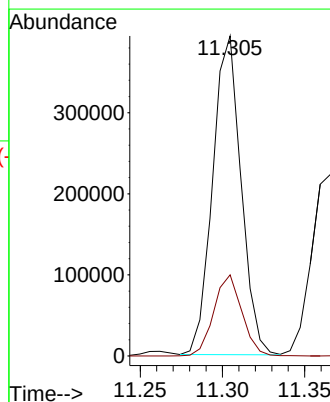
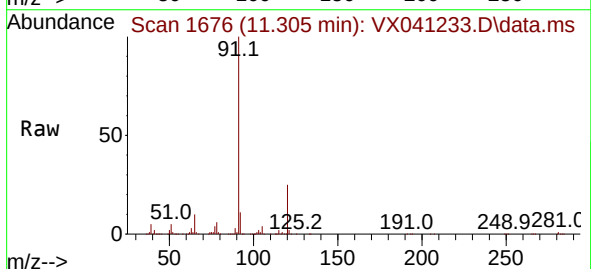
Acq: 24 Apr 2024 14:50

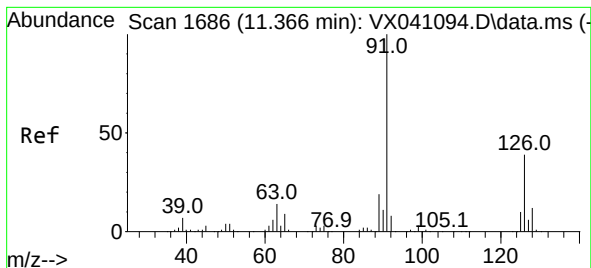
Tgt Ion: 91 Resp: 472551

Ion Ratio Lower Upper

91 100

120 25.2 11.5 34.4





#79

2-Chlorotoluene

Concen: 46.318 ug/l

RT: 11.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX041233.D

Acq: 24 Apr 2024 14:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 28471

Ion Ratio Lower Upper

91 100

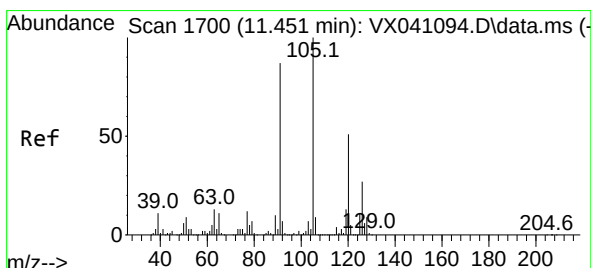
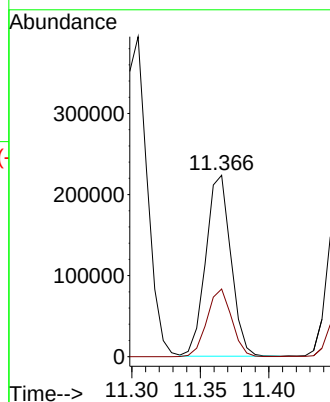
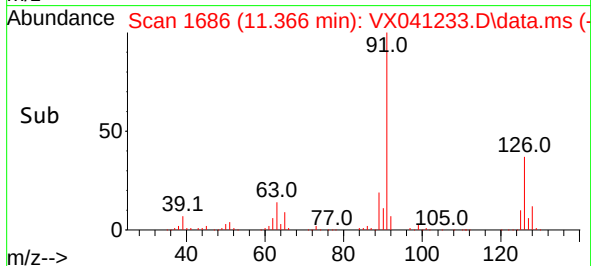
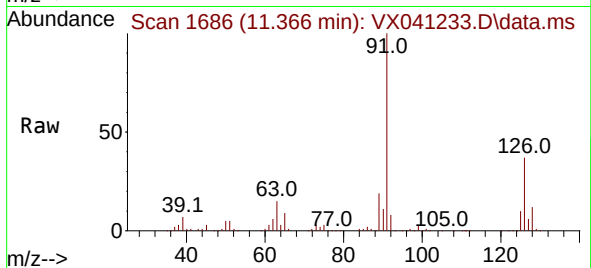
126 36.9 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2024

Supervised By :Mahesh Dadoda 04/25/2024



#80

1,3,5-Trimethylbenzene

Concen: 47.769 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX041233.D

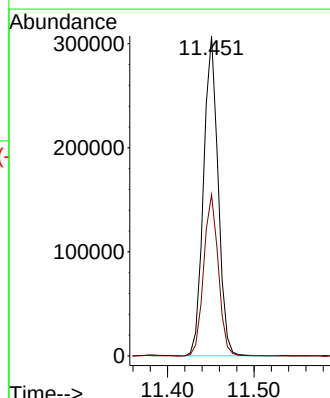
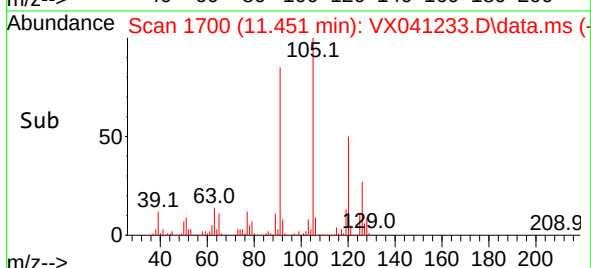
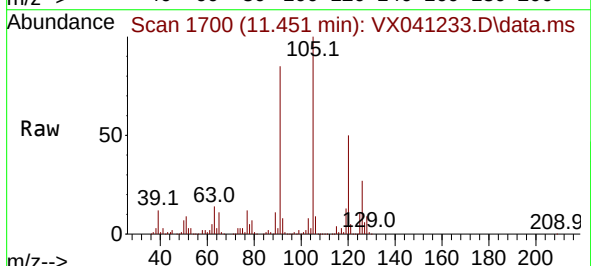
Acq: 24 Apr 2024 14:50

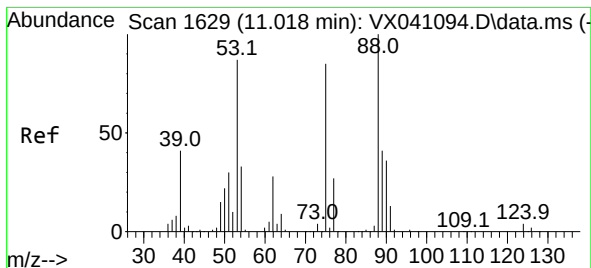
Tgt Ion:105 Resp: 357508

Ion Ratio Lower Upper

105 100

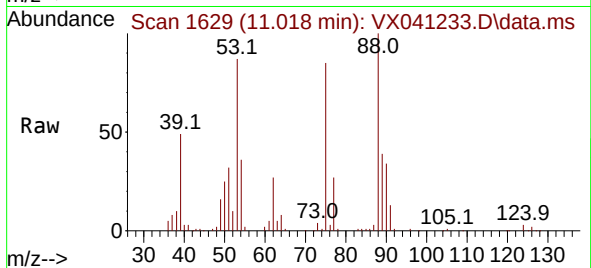
120 50.9 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 47.620 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX041233.D
Acq: 24 Apr 2024 14:50

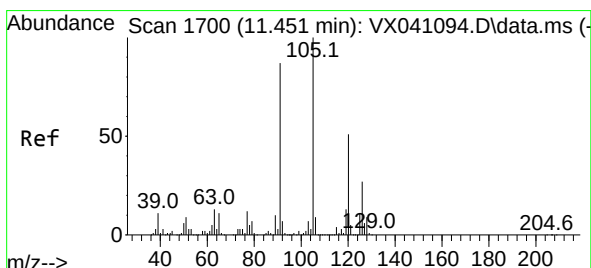
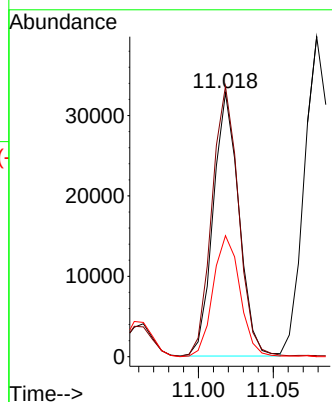
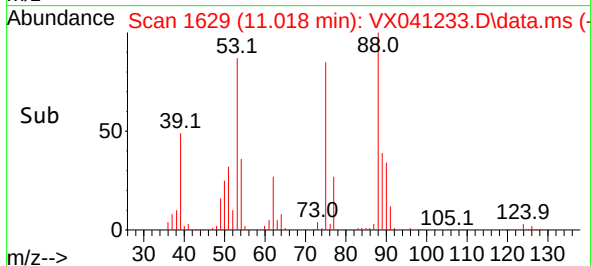
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 39319
Ion Ratio Lower Upper
75 100
53 107.1 90.5 135.7
89 48.1 36.9 55.3

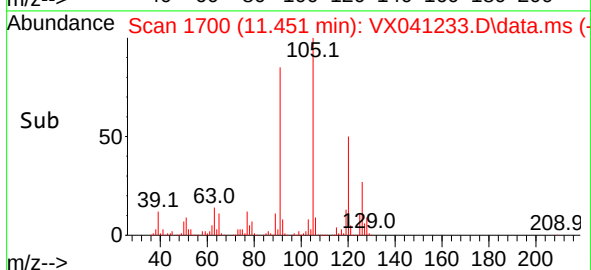
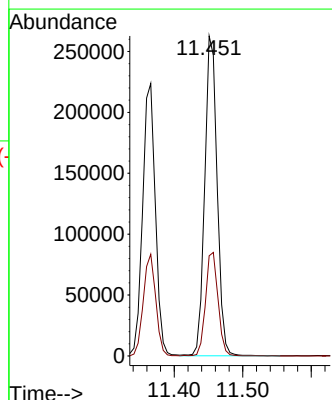
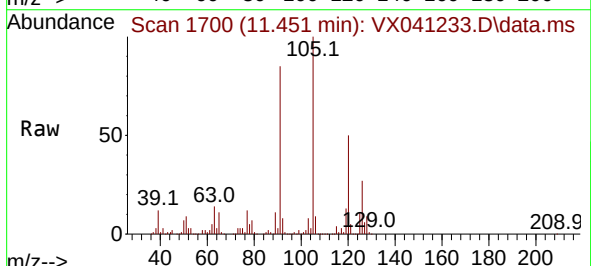
Manual Integrations
APPROVED

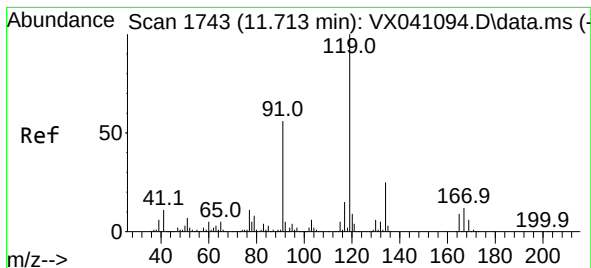
Reviewed By :John Carlone 04/25/2024
Supervised By :Mahesh Dadoda 04/25/2024



#82
4-Chlorotoluene
Concen: 47.502 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX041233.D
Acq: 24 Apr 2024 14:50

Tgt Ion: 91 Resp: 330896
Ion Ratio Lower Upper
91 100
126 32.7 14.2 42.6





#83

tert-Butylbenzene

Concen: 48.268 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX041233.D

Acq: 24 Apr 2024 14:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

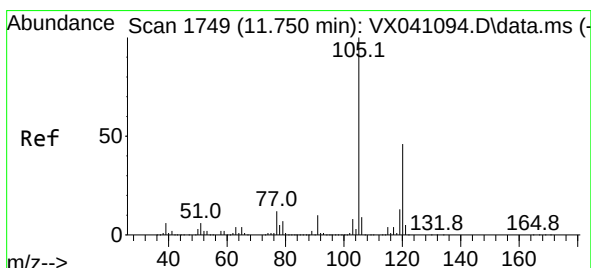
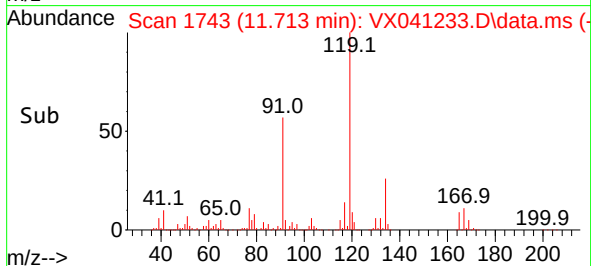
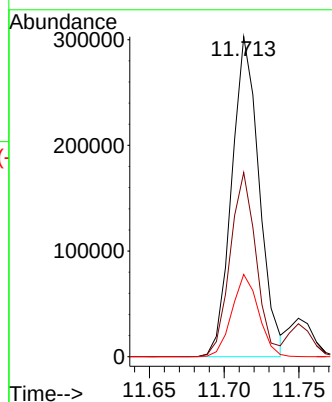
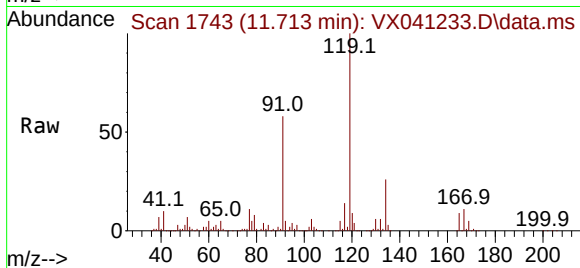
Tgt Ion:	119	Resp:	38684
Ion Ratio	Lower	Upper	
119	100		
91	54.6	31.2	93.6
134	24.9	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2024

Supervised By :Mahesh Dadoda 04/25/2024



#84

1,2,4-Trimethylbenzene

Concen: 48.519 ug/l

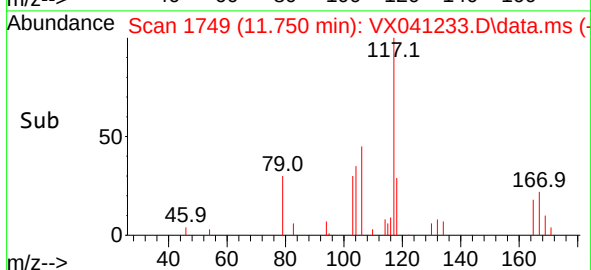
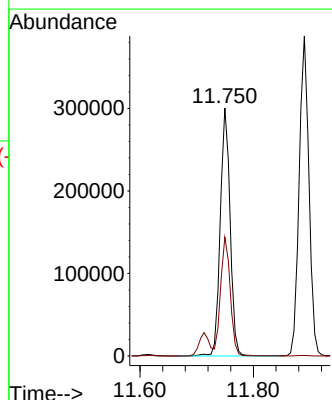
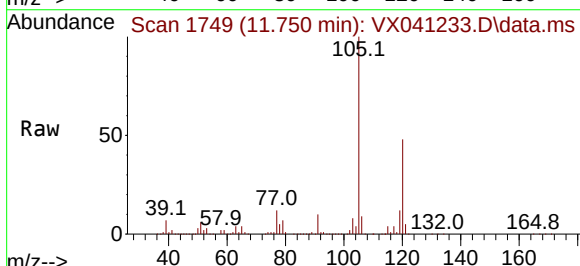
RT: 11.750 min Scan# 1749

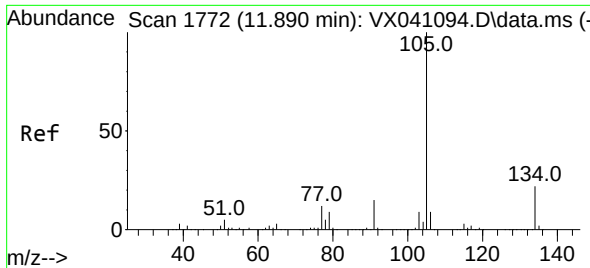
Delta R.T. -0.000 min

Lab File: VX041233.D

Acq: 24 Apr 2024 14:50

Tgt Ion:	105	Resp:	360410
Ion Ratio	Lower	Upper	
105	100		
120	46.5	21.2	63.6





#85
 sec-Butylbenzene
 Concen: 50.021 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX041233.D
 Acq: 24 Apr 2024 14:50

Instrument :

MSVOA_X

ClientSampleId :

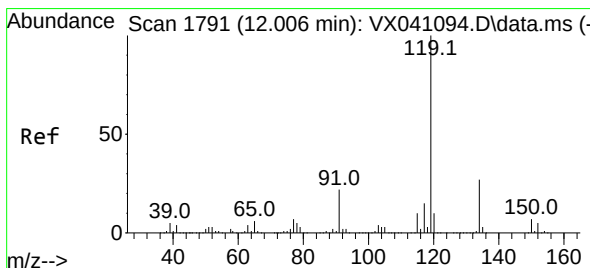
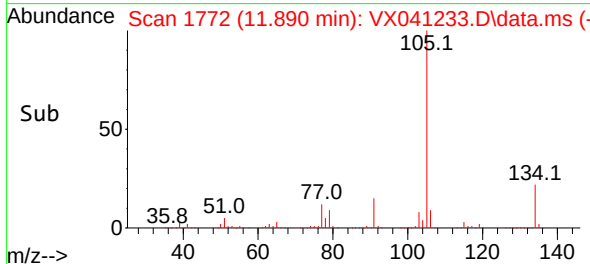
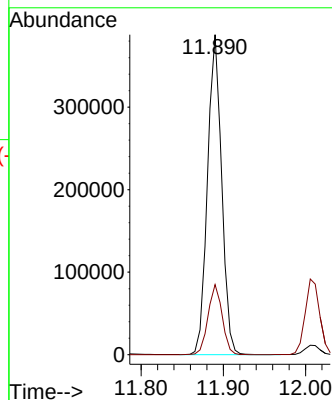
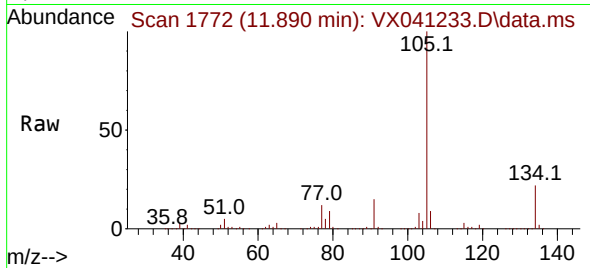
VSTDCCC050EC

Tgt Ion:105 Resp: 46294
 Ion Ratio Lower Upper
 105 100
 134 21.9 9.8 29.4

Manual Integrations

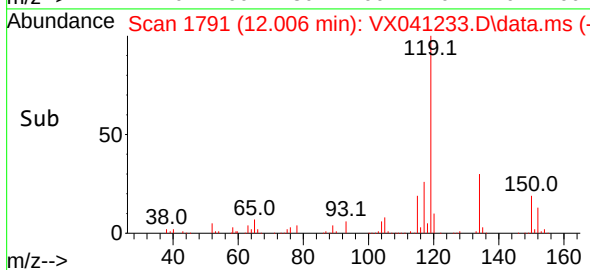
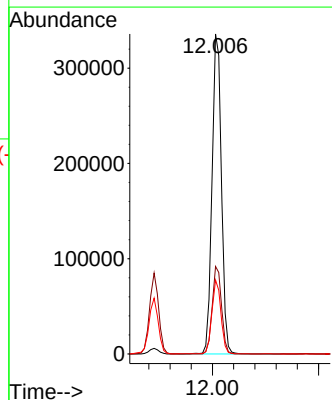
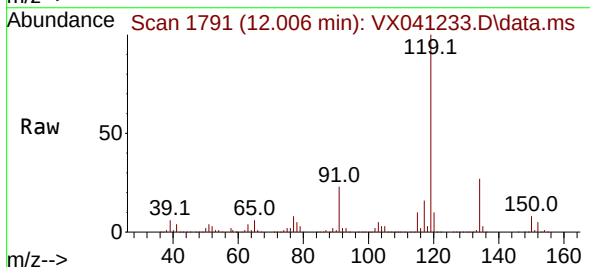
APPROVED

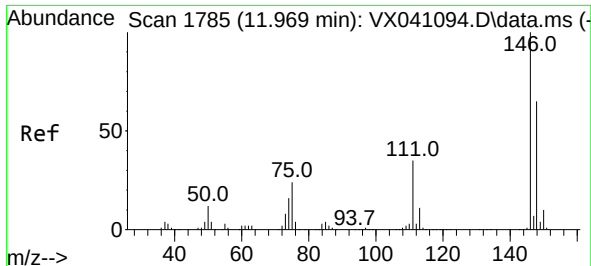
Reviewed By :John Carlone 04/25/2024
 Supervised By :Mahesh Dadoda 04/25/2024



#86
 p-Isopropyltoluene
 Concen: 50.420 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX041233.D
 Acq: 24 Apr 2024 14:50

Tgt Ion:119 Resp: 411224
 Ion Ratio Lower Upper
 119 100
 134 27.3 12.8 38.3
 91 22.2 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 47.802 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX041233.D

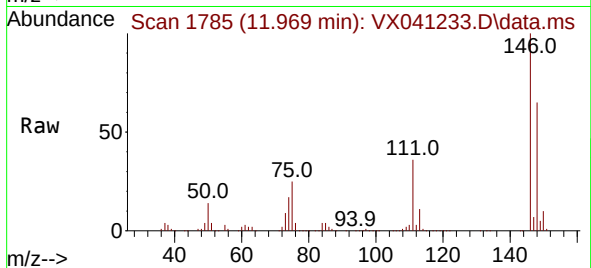
Acq: 24 Apr 2024 14:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion:146 Resp: 224793

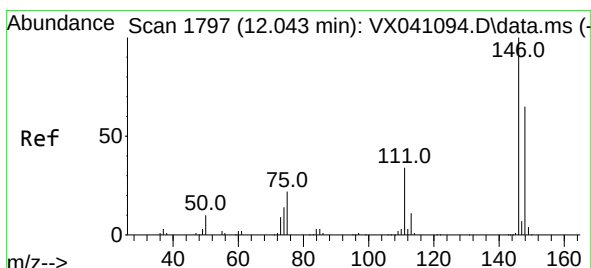
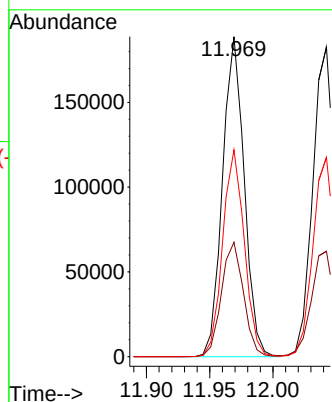
Ion	Ratio	Lower	Upper
146	100		
111	36.4	22.1	66.1
148	64.6	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2024

Supervised By :Mahesh Dadoda 04/25/2024



#88

1,4-Dichlorobenzene

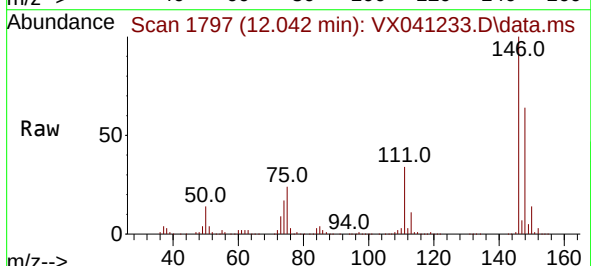
Concen: 47.006 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

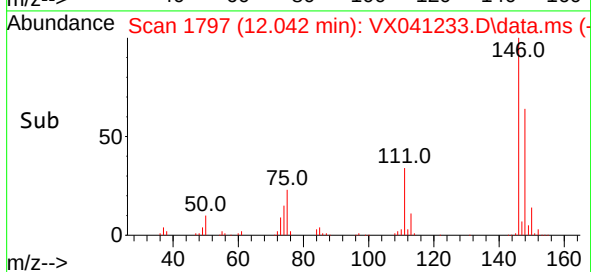
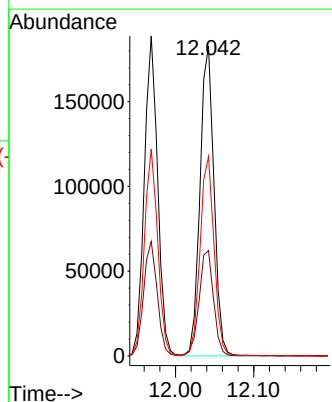
Lab File: VX041233.D

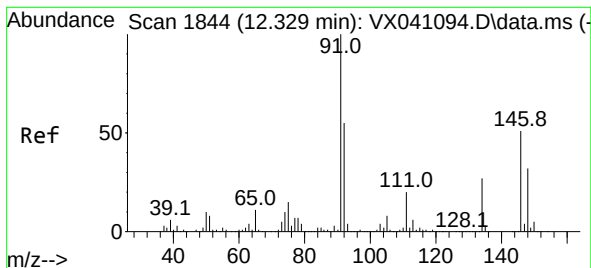
Acq: 24 Apr 2024 14:50



Tgt Ion:146 Resp: 226803

Ion	Ratio	Lower	Upper
146	100		
111	35.3	21.3	63.7
148	64.6	31.8	95.4





#89

n-Butylbenzene

Concen: 53.561 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX041233.D

Acq: 24 Apr 2024 14:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 33168

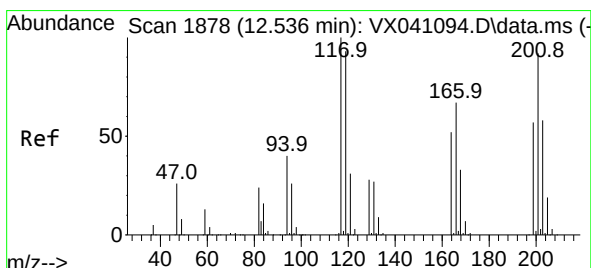
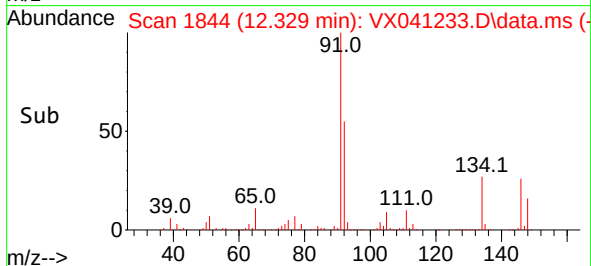
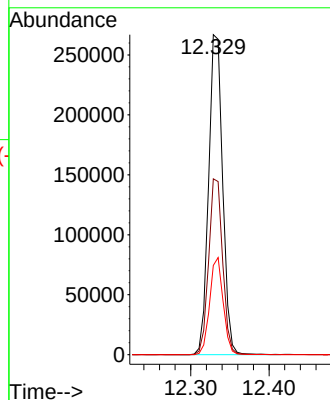
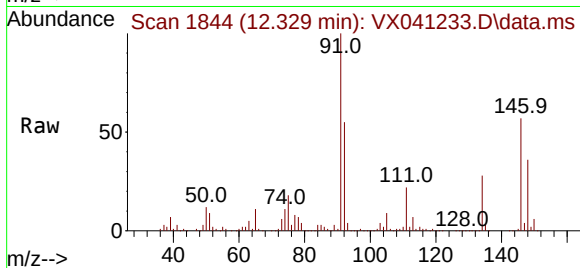
Ion	Ratio	Lower	Upper
91	100		
92	54.7	27.4	82.0
134	29.1	12.6	37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2024

Supervised By :Mahesh Dadoda 04/25/2024



#90

Hexachloroethane

Concen: 50.746 ug/l

RT: 12.536 min Scan# 1878

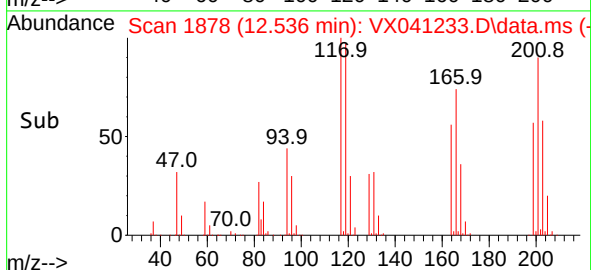
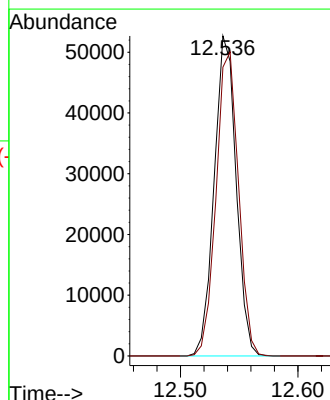
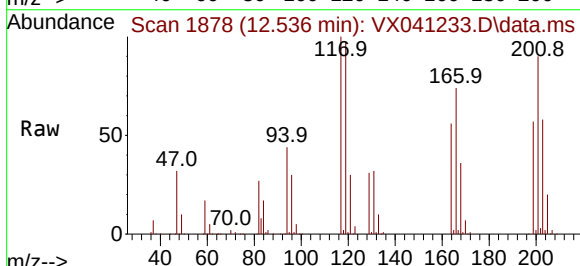
Delta R.T. 0.000 min

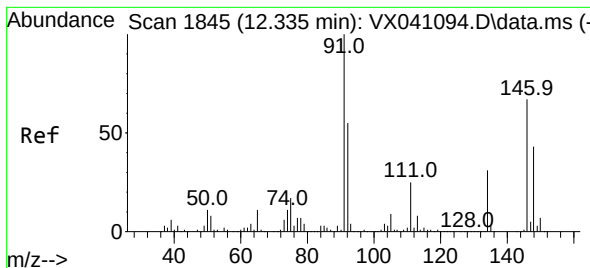
Lab File: VX041233.D

Acq: 24 Apr 2024 14:50

Tgt Ion:117 Resp: 68272

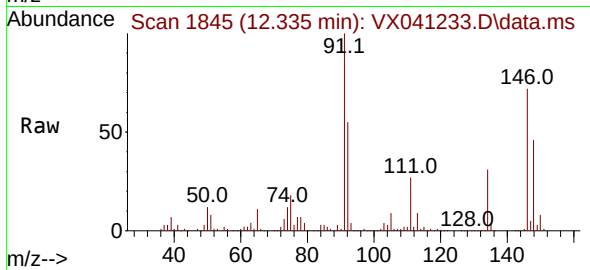
Ion	Ratio	Lower	Upper
117	100		
201	97.0	32.9	98.6





#91
1,2-Dichlorobenzene
Concen: 48.310 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX041233.D
Acq: 24 Apr 2024 14:50

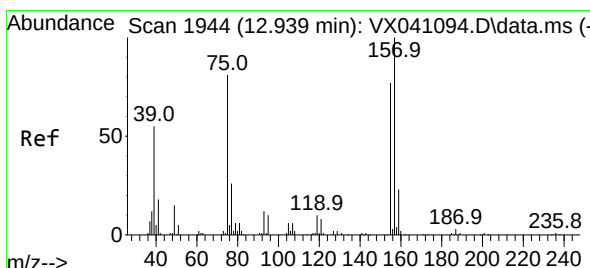
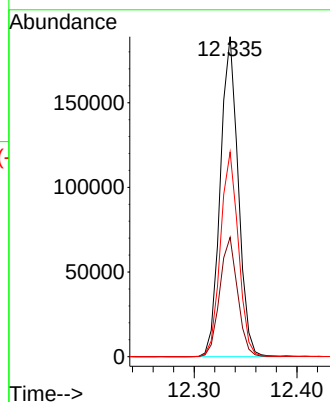
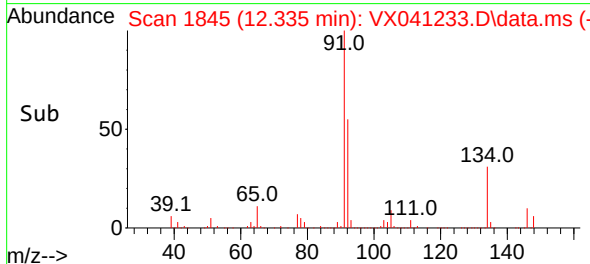
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



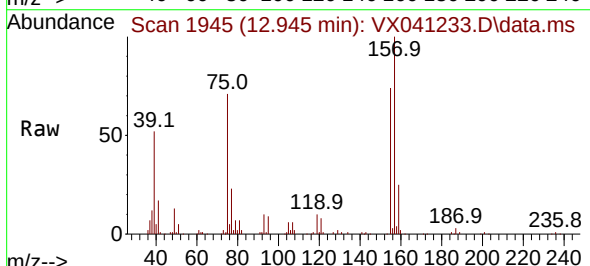
Tgt Ion:146 Resp: 22754
Ion Ratio Lower Upper
146 100
111 37.4 22.4 67.0
148 64.3 31.6 95.0

Manual Integrations
APPROVED

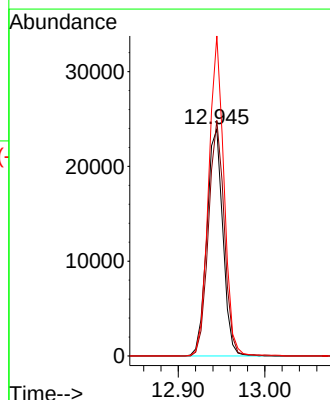
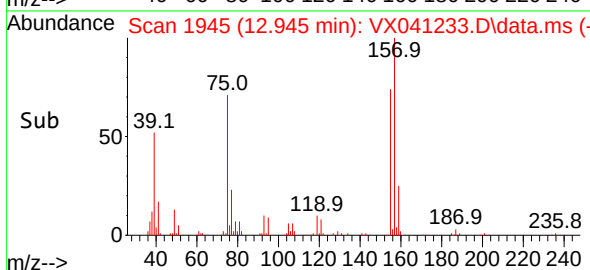
Reviewed By :John Carlone 04/25/2024
Supervised By :Mahesh Dadoda 04/25/2024

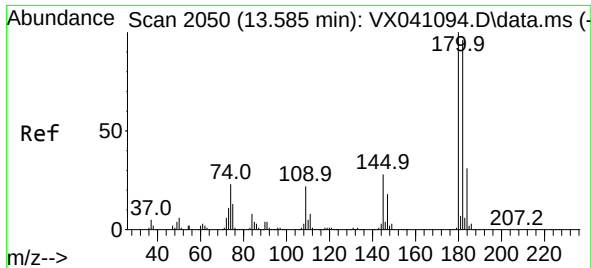


#92
1,2-Dibromo-3-Chloropropane
Concen: 51.719 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX041233.D
Acq: 24 Apr 2024 14:50



Tgt Ion: 75 Resp: 30787
Ion Ratio Lower Upper
75 100
155 101.6 36.1 108.5
157 134.4 44.9 134.7





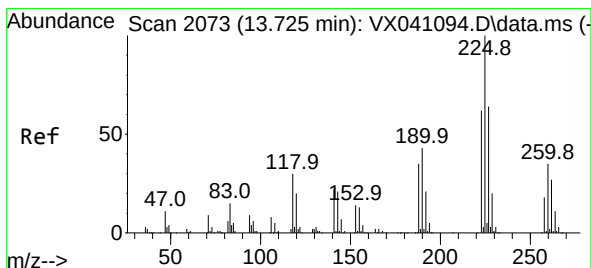
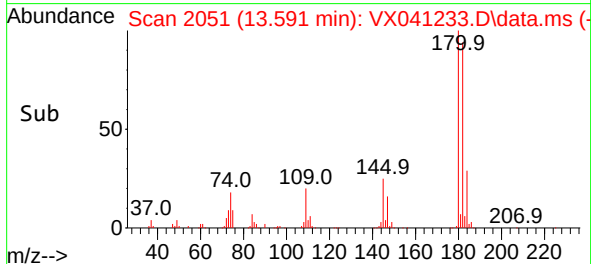
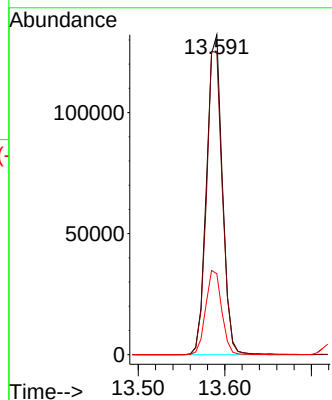
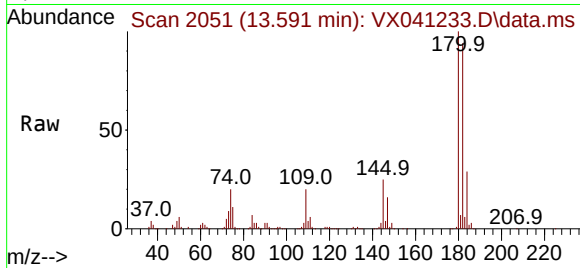
#93
1,2,4-Trichlorobenzene
Concen: 50.985 ug/l
RT: 13.591 min Scan# 2050
Delta R.T. 0.006 min
Lab File: VX041233.D
Acq: 24 Apr 2024 14:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:180 Resp: 16650
Ion Ratio Lower Upper
180 100
182 96.3 48.3 144.8
145 26.8 18.0 54.0

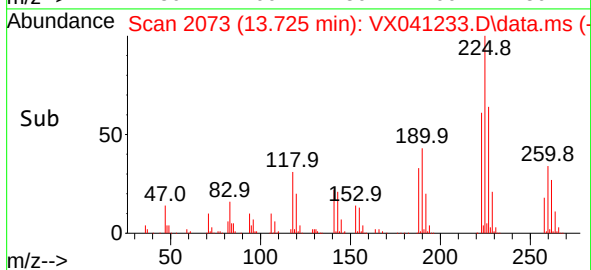
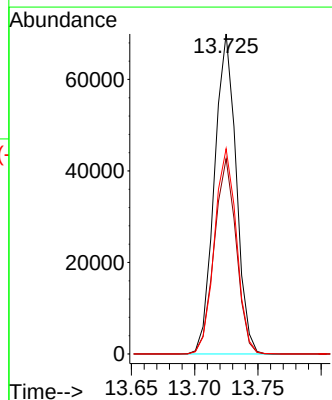
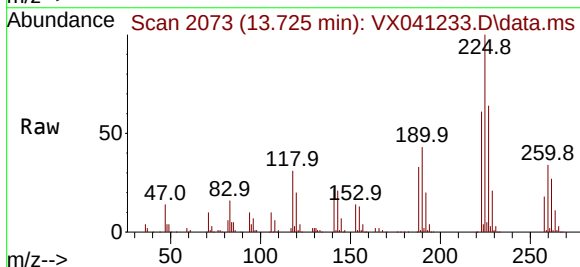
Manual Integrations
APPROVED

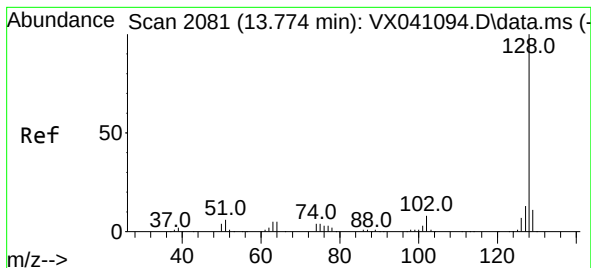
Reviewed By :John Carlone 04/25/2024
Supervised By :Mahesh Dadoda 04/25/2024



#94
Hexachlorobutadiene
Concen: 50.064 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX041233.D
Acq: 24 Apr 2024 14:50

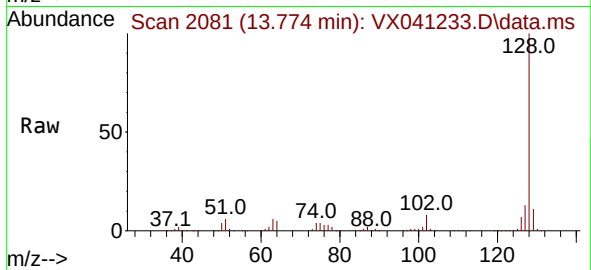
Tgt Ion:225 Resp: 83531
Ion Ratio Lower Upper
225 100
223 61.6 31.1 93.2
227 65.0 32.5 97.5





#95
Naphthalene
Concen: 50.190 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX041233.D
Acq: 24 Apr 2024 14:50

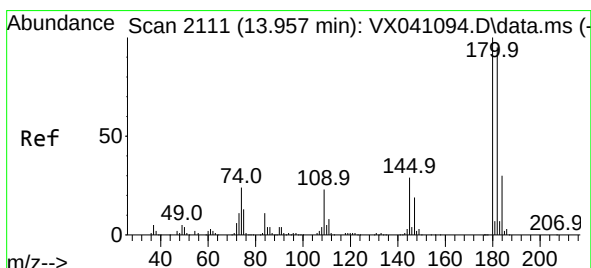
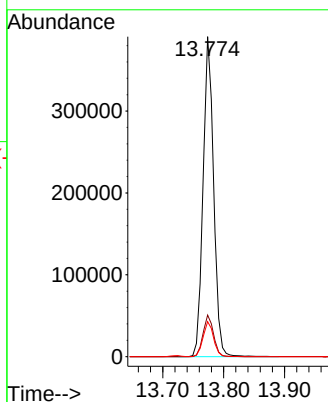
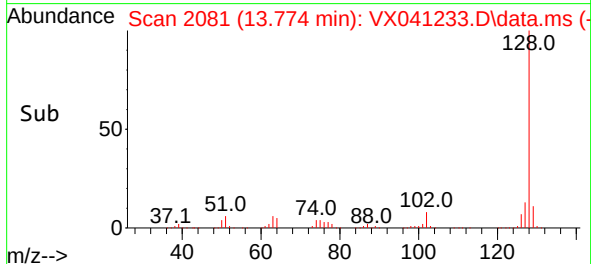
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



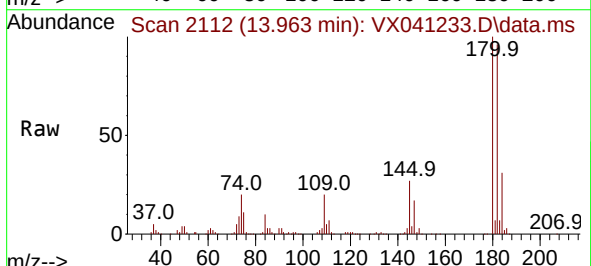
Tgt Ion:128 Resp: 470935
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/25/2024
Supervised By :Mahesh Dadoda 04/25/2024



#96
1,2,3-Trichlorobenzene
Concen: 49.009 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX041233.D
Acq: 24 Apr 2024 14:50



Tgt Ion:180 Resp: 168583
Ion Ratio Lower Upper
180 100
182 96.8 46.9 140.6
145 28.9 17.8 53.5

