

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061824\
 Data File : VX041914.D
 Acq On : 18 Jun 2024 10:40
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Quant Time: Jun 19 07:50:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 19 07:27:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	189869	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	281308	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	260493	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	142095	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	103066	47.074	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.140%
35) Dibromofluoromethane	5.391	113	95187	47.688	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.380%
50) Toluene-d8	8.647	98	335098	47.788	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.580%
62) 4-Bromofluorobenzene	11.079	95	129198	49.983	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.960%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	70789	48.938	ug/l	98
3) Chloromethane	1.307	50	87654	48.303	ug/l	99
4) Vinyl Chloride	1.374	62	88191	48.482	ug/l	99
5) Bromomethane	1.599	94	44149	49.150	ug/l	100
6) Chloroethane	1.660	64	39237	52.014	ug/l	96
7) Trichlorofluoromethane	1.867	101	112293	47.117	ug/l	98
8) Diethyl Ether	2.136	74	54736	48.927	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.312	101	80230	48.869	ug/l	86
10) Methyl Iodide	2.440	142	100192	49.101	ug/l	# 87
11) Tert butyl alcohol	3.007	59	105462	253.809	ug/l	# 92
12) 1,1-Dichloroethene	2.306	96	81035	49.483	ug/l	83
13) Acrolein	2.239	56	115880	248.789	ug/l	99
14) Allyl chloride	2.660	41	131229	50.527	ug/l	90
15) Acrylonitrile	3.075	53	278686	256.775	ug/l	98
16) Acetone	2.398	43	219641	228.464	ug/l	# 89
17) Carbon Disulfide	2.501	76	155219	46.485	ug/l	100
18) Methyl Acetate	2.709	43	139255	53.098	ug/l	95
19) Methyl tert-butyl Ether	3.123	73	275607	50.942	ug/l	98
20) Methylene Chloride	2.782	84	95329	45.285	ug/l	90
21) trans-1,2-Dichloroethene	3.087	96	81535	49.057	ug/l	85
22) Diisopropyl ether	3.770	45	279463	50.906	ug/l	# 84
23) Vinyl Acetate	3.727	43	1222762	260.808	ug/l	# 94
24) 1,1-Dichloroethane	3.605	63	154268	50.180	ug/l	96
25) 2-Butanone	4.574	43	384159	256.847	ug/l	95
26) 2,2-Dichloropropane	4.471	77	111450	50.061	ug/l	92
27) cis-1,2-Dichloroethene	4.489	96	105063	50.471	ug/l	86
28) Bromochloromethane	4.903	49	62973	47.824	ug/l	# 74
29) Tetrahydrofuran	5.019	42	250750	259.588	ug/l	95
30) Chloroform	5.099	83	159943	49.937	ug/l	96
31) Cyclohexane	5.464	56	123406	48.196	ug/l	92
32) 1,1,1-Trichloroethane	5.379	97	135849	50.760	ug/l	96
36) 1,1-Dichloropropene	5.690	75	101868	48.060	ug/l	95
37) Ethyl Acetate	4.727	43	142202	51.502	ug/l	97
38) Carbon Tetrachloride	5.678	117	116027	49.544	ug/l	98
39) Methylcyclohexane	7.379	83	129026	48.133	ug/l	92
40) Benzene	6.037	78	348309	48.724	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	77557	51.818	ug/l	93
42) 1,2-Dichloroethane	6.086	62	114325	49.649	ug/l	91
43) Isopropyl Acetate	6.348	43	214817	50.687	ug/l	94
44) Trichloroethene	7.129	130	94798	49.472	ug/l	83
45) 1,2-Dichloropropane	7.434	63	88141	50.144	ug/l	100
46) Dibromomethane	7.580	93	64328	50.228	ug/l #	77
47) Bromodichloromethane	7.824	83	120115	51.083	ug/l	98
48) Methyl methacrylate	7.696	41	107065	52.934	ug/l	86
49) 1,4-Dioxane	7.665	88	49891	933.566	ug/l #	90
51) 4-Methyl-2-Pentanone	8.580	43	760407	260.467	ug/l	95
52) Toluene	8.720	92	228395	50.173	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	120625	48.563	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	135213	52.523	ug/l #	86
55) 1,1,2-Trichloroethane	9.153	97	97281	51.299	ug/l	99
56) Ethyl methacrylate	9.122	69	157961	53.543	ug/l #	88
57) 1,3-Dichloropropane	9.311	76	155161	50.644	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	370346	269.380	ug/l	94
59) 2-Hexanone	9.433	43	591327	264.457	ug/l	93
60) Dibromochloromethane	9.525	129	108856	52.845	ug/l	98
61) 1,2-Dibromoethane	9.610	107	99768	50.730	ug/l	100
64) Tetrachloroethene	9.275	164	89806	47.350	ug/l	92
65) Chlorobenzene	10.079	112	264842	48.886	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	97576	51.443	ug/l	99
67) Ethyl Benzene	10.195	91	427736	50.380	ug/l	96
68) m/p-Xylenes	10.299	106	343813	100.316	ug/l	91
69) o-Xylene	10.640	106	172816	50.931	ug/l	91
70) Styrene	10.659	104	298778	52.510	ug/l	94
71) Bromoform	10.799	173	91444	49.964	ug/l #	100
73) Isopropylbenzene	10.963	105	438747	50.781	ug/l	96
74) N-amyl acetate	10.841	43	199620	52.014	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	159005	49.495	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	169675	65.776	ug/l	91
77) Bromobenzene	11.201	156	129276	50.239	ug/l	78
78) n-propylbenzene	11.305	91	484233	51.654	ug/l	95
79) 2-Chlorotoluene	11.366	91	301142	49.858	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	368536	51.211	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.018	75	47395	52.178	ug/l	88
82) 4-Chlorotoluene	11.457	91	343422	51.435	ug/l	93
83) tert-Butylbenzene	11.713	119	403958	51.157	ug/l	89
84) 1,2,4-Trimethylbenzene	11.750	105	375981	52.076	ug/l	92
85) sec-Butylbenzene	11.890	105	464851	52.047	ug/l	94
86) p-Isopropyltoluene	12.006	119	408207	52.321	ug/l	93
87) 1,3-Dichlorobenzene	11.969	146	229174	50.669	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	229043	49.471	ug/l	95
89) n-Butylbenzene	12.335	91	315296	52.499	ug/l	97
90) Hexachloroethane	12.536	117	68179	51.328	ug/l	61
91) 1,2-Dichlorobenzene	12.335	146	233647	50.484	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	33889	53.231	ug/l #	50
93) 1,2,4-Trichlorobenzene	13.585	180	157819	52.054	ug/l	96
94) Hexachlorobutadiene	13.725	225	75907	49.512	ug/l	98
95) Naphthalene	13.774	128	509374	49.999	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	166540	52.083	ug/l	96

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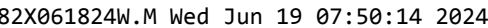
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

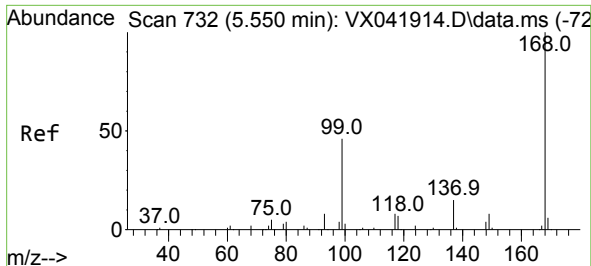
Quant Time: Jun 19 07:50:01 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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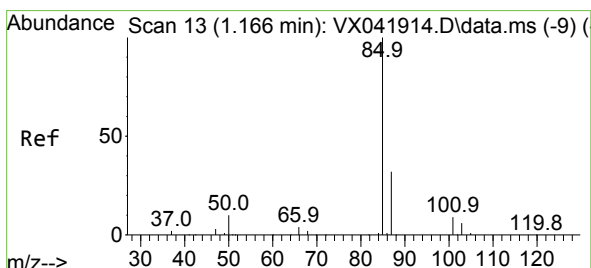
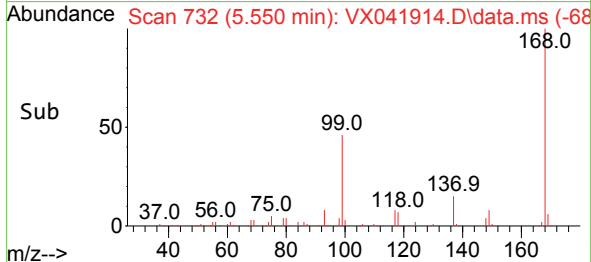
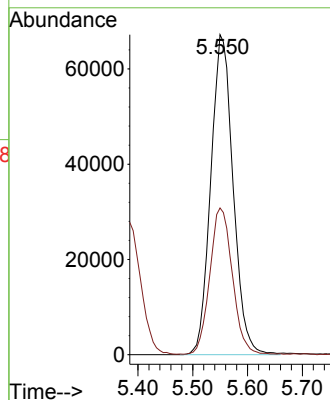
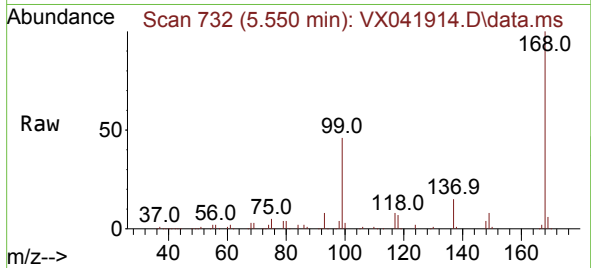




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041914.D
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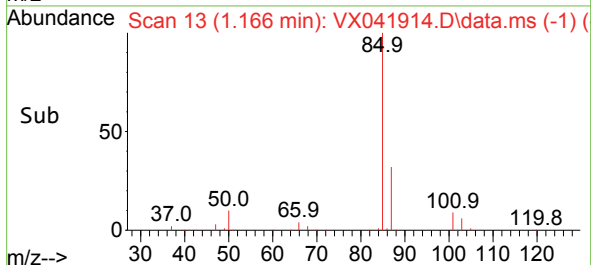
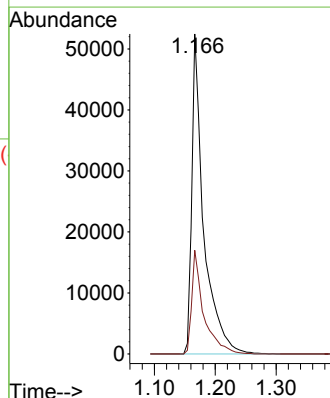
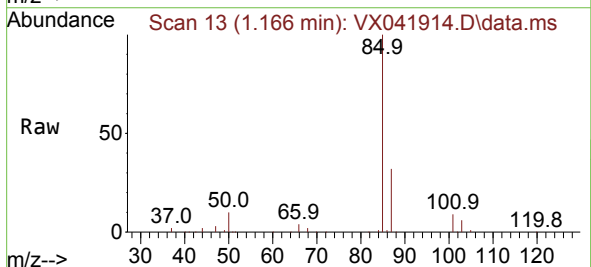
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

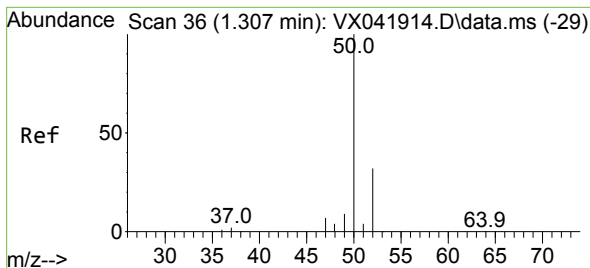
Tgt Ion:168 Resp: 189869
Ion Ratio Lower Upper
168 100
99 45.6 56.6 85.0#



#2
Dichlorodifluoromethane
Concen: 48.938 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

Tgt Ion: 85 Resp: 70789
Ion Ratio Lower Upper
85 100
87 32.4 16.7 50.1





#3

Chloromethane

Concen: 48.303 ug/l

RT: 1.307 min Scan# 36

Delta R.T. 0.000 min

Lab File: VX041914.D

Acq: 18 Jun 2024 10:40

Instrument :

MSVOA_X

ClientSampleId :

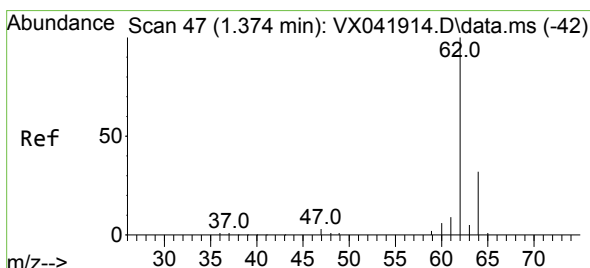
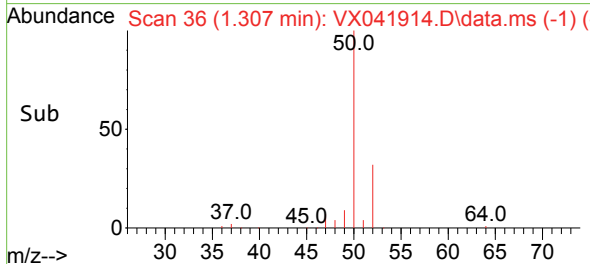
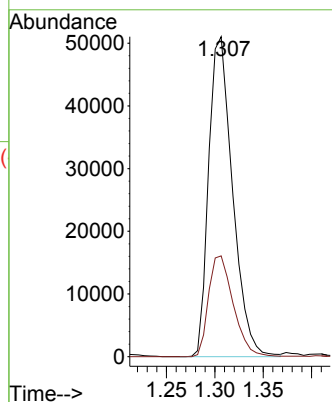
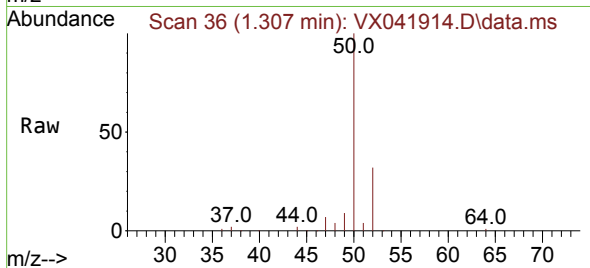
VSTDICCC050

Tgt Ion: 50 Resp: 87654

Ion Ratio Lower Upper

50 100

52 31.5 25.5 38.3



#4

Vinyl Chloride

Concen: 48.482 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX041914.D

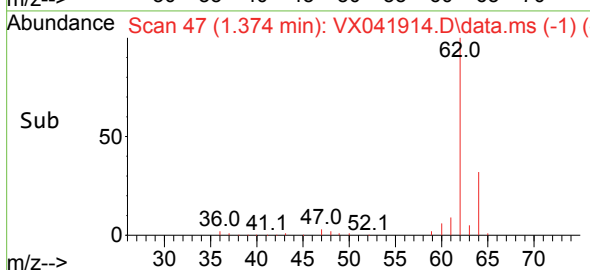
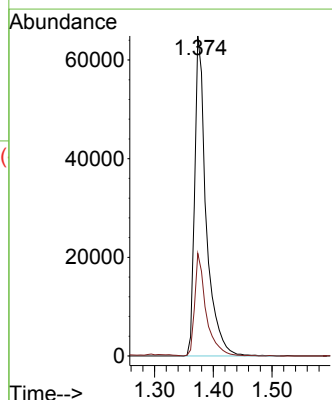
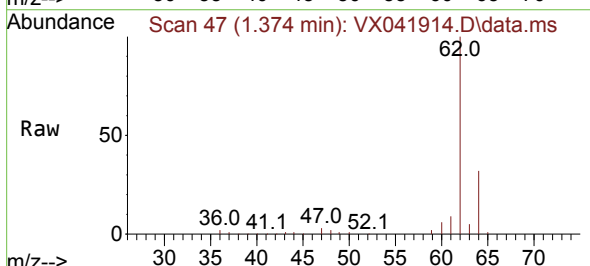
Acq: 18 Jun 2024 10:40

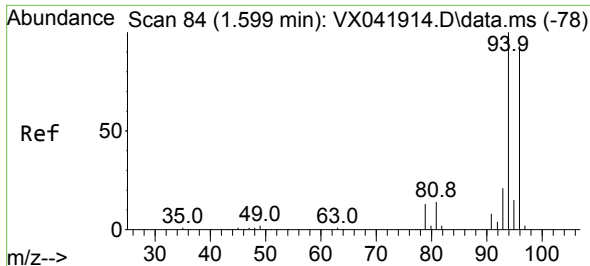
Tgt Ion: 62 Resp: 88191

Ion Ratio Lower Upper

62 100

64 32.1 25.4 38.0

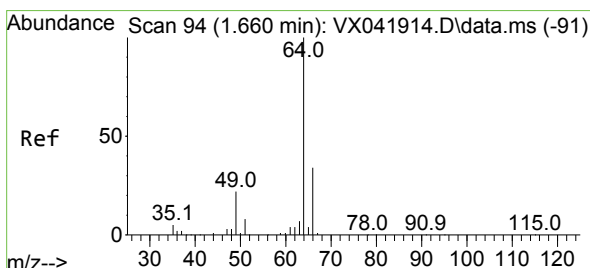
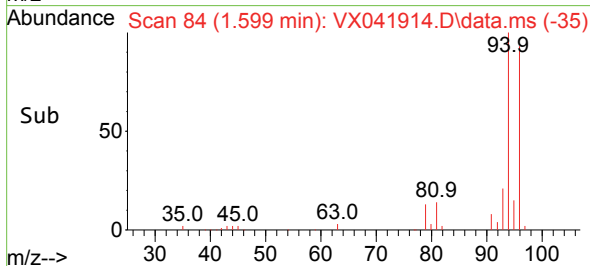
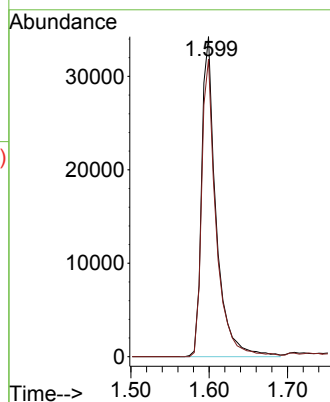
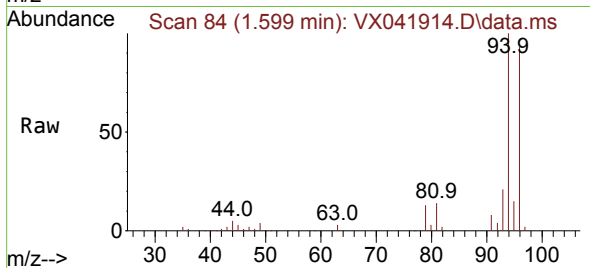




#5
Bromomethane
Concen: 49.150 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

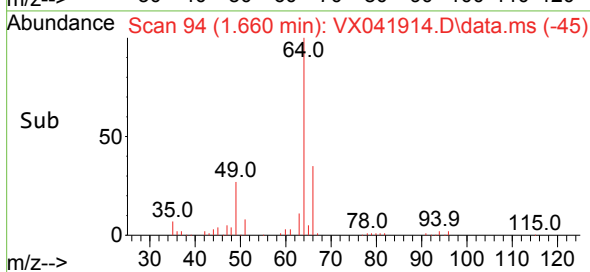
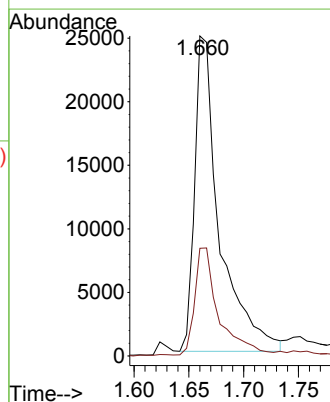
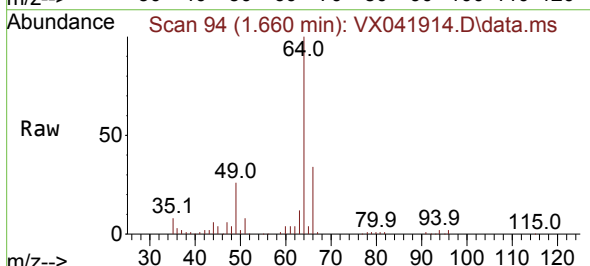
Instrument :
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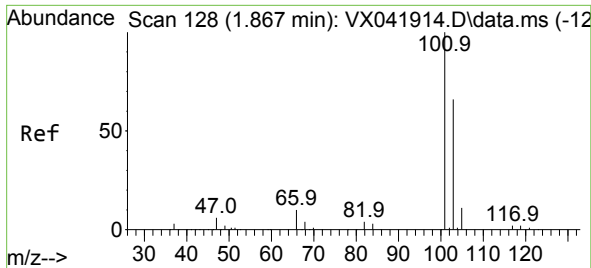
Tgt Ion: 94 Resp: 44149
Ion Ratio Lower Upper
94 100
96 93.0 74.6 111.8



#6
Chloroethane
Concen: 52.014 ug/l
RT: 1.660 min Scan# 94
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

Tgt Ion: 64 Resp: 39237
Ion Ratio Lower Upper
64 100
66 33.8 25.1 37.7

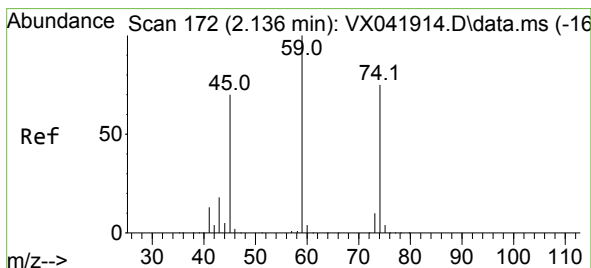
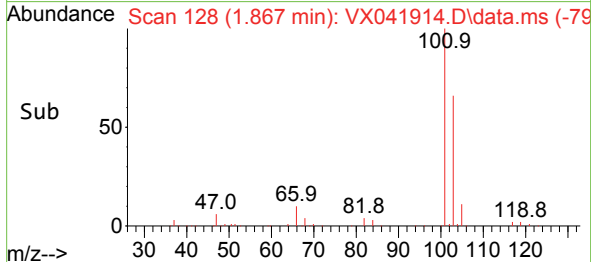
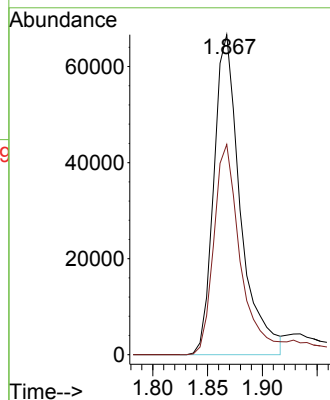
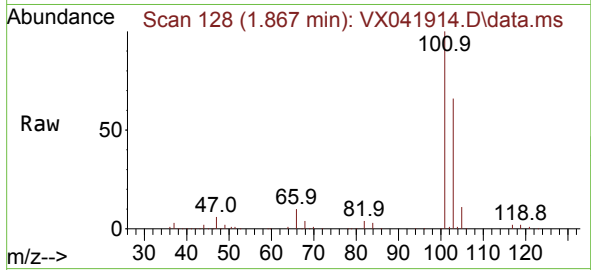




#7
Trichlorofluoromethane
Concen: 47.117 ug/l
RT: 1.867 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

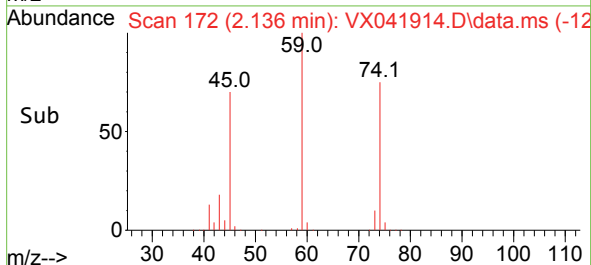
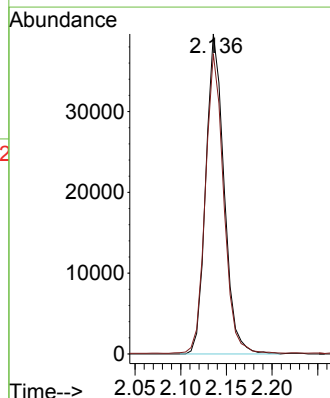
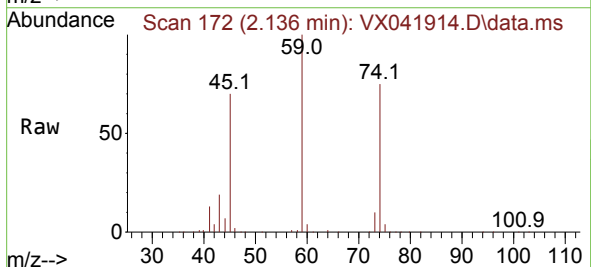
Instrument :
MSVOA_X
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VSTDICCC050

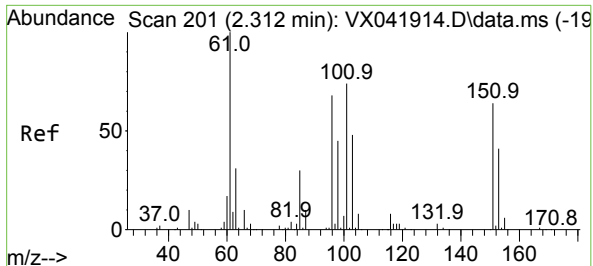
Tgt Ion:101 Resp: 112293
Ion Ratio Lower Upper
101 100
103 65.7 51.4 77.2



#8
Diethyl Ether
Concen: 48.927 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

Tgt Ion: 74 Resp: 54736
Ion Ratio Lower Upper
74 100
45 94.1 53.3 159.8

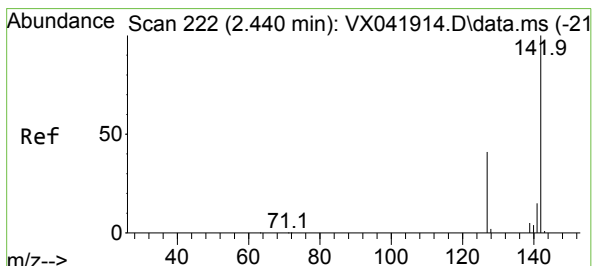
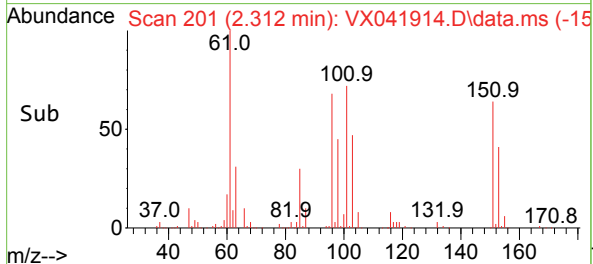
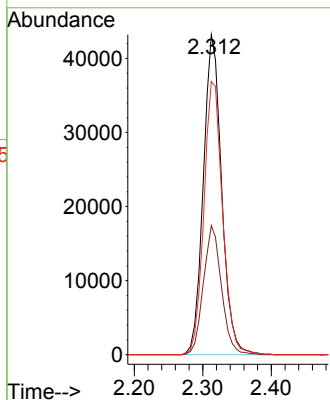
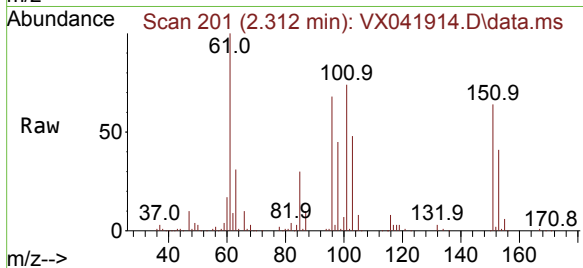




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.869 ug/l
RT: 2.312 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

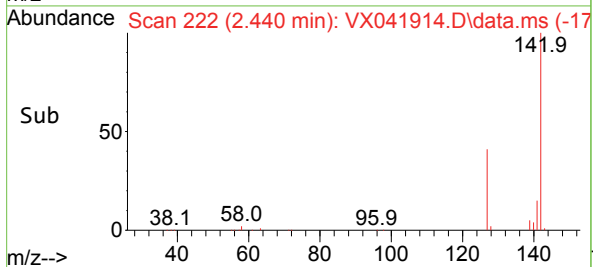
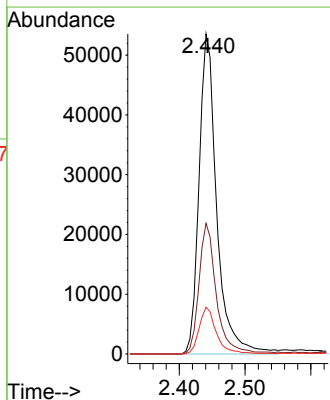
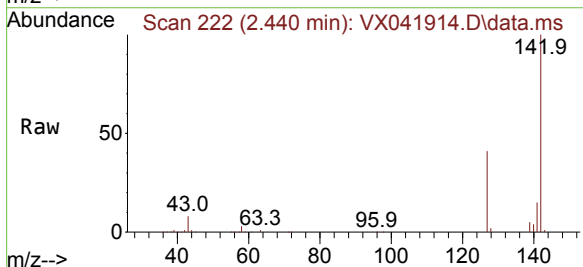
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

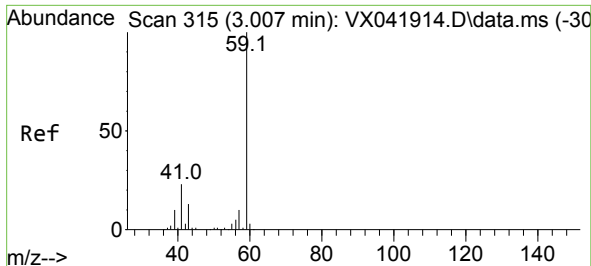
Tgt Ion:101 Resp: 80230
Ion Ratio Lower Upper
101 100
85 39.8 37.0 55.6
151 87.5 58.6 87.8



#10
Methyl Iodide
Concen: 49.101 ug/l
RT: 2.440 min Scan# 222
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

Tgt Ion:142 Resp: 100192
Ion Ratio Lower Upper
142 100
127 40.3 41.6 62.4#
141 14.3 11.6 17.4

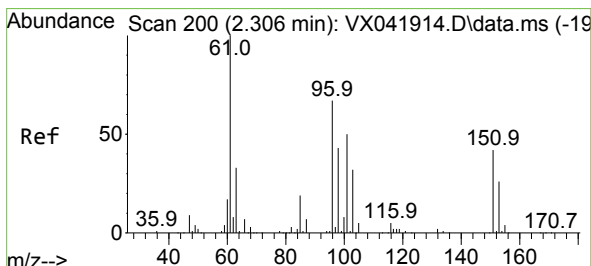
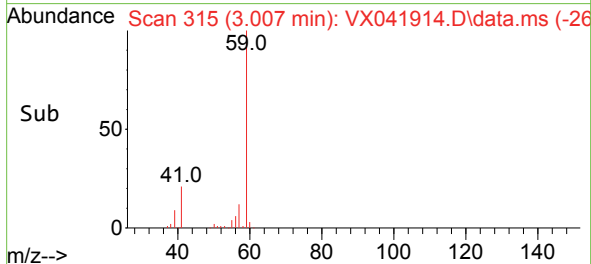
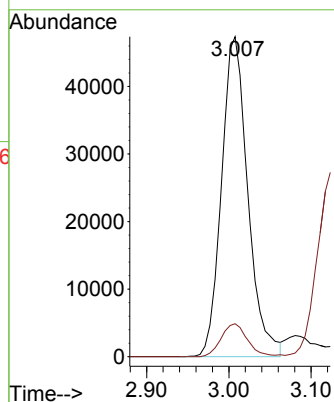
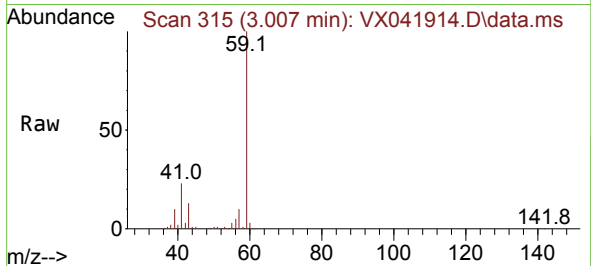




#11
Tert butyl alcohol
Concen: 253.809 ug/l
RT: 3.007 min Scan# 315
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

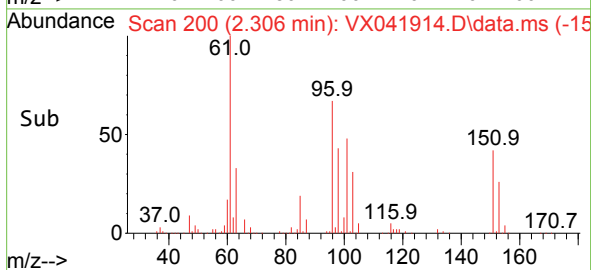
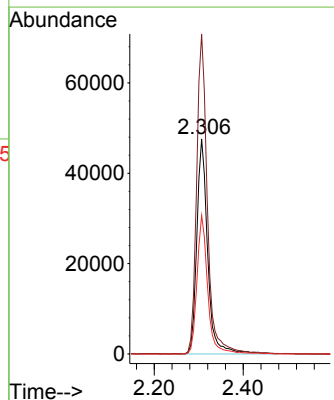
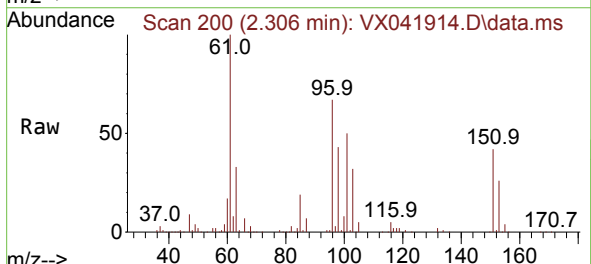
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

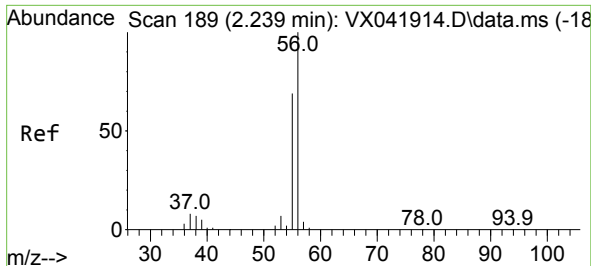
Tgt Ion: 59 Resp: 105462
Ion Ratio Lower Upper
59 100
57 10.3 6.0 9.0#



#12
1,1-Dichloroethene
Concen: 49.483 ug/l
RT: 2.306 min Scan# 200
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

Tgt Ion: 96 Resp: 81035
Ion Ratio Lower Upper
96 100
61 148.8 144.6 216.8
98 64.4 50.4 75.6





#13

Acrolein

Concen: 248.789 ug/l

RT: 2.239 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX041914.D

Acq: 18 Jun 2024 10:40

Instrument :

MSVOA_X

ClientSampleId :

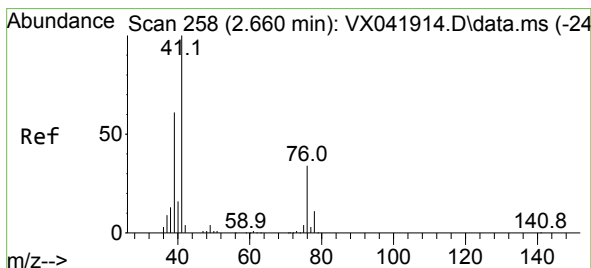
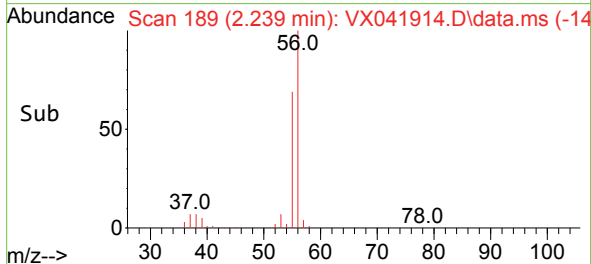
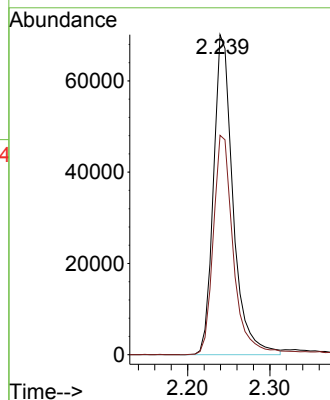
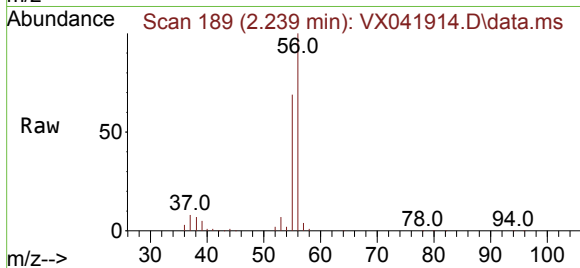
VSTDICCC050

Tgt Ion: 56 Resp: 115880

Ion Ratio Lower Upper

56 100

55 72.0 57.1 85.7



#14

Allyl chloride

Concen: 50.527 ug/l

RT: 2.660 min Scan# 258

Delta R.T. 0.000 min

Lab File: VX041914.D

Acq: 18 Jun 2024 10:40

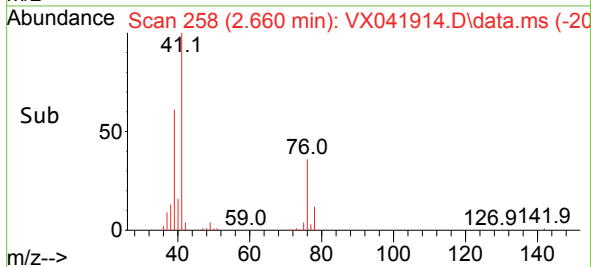
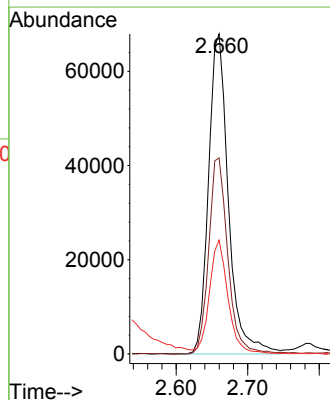
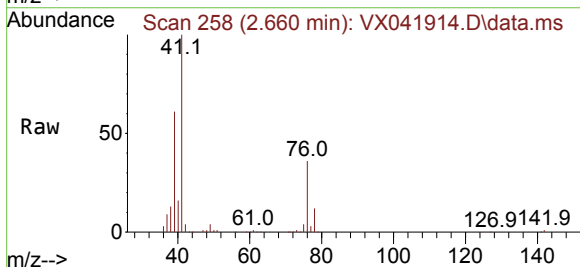
Tgt Ion: 41 Resp: 131229

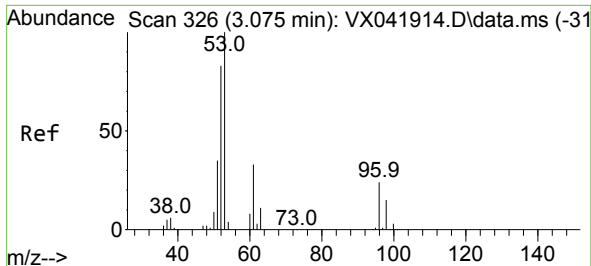
Ion Ratio Lower Upper

41 100

39 59.3 55.8 83.6

76 33.3 24.3 36.5

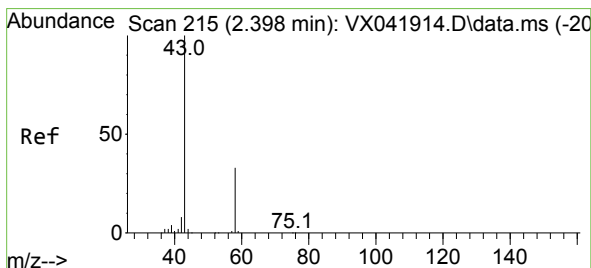
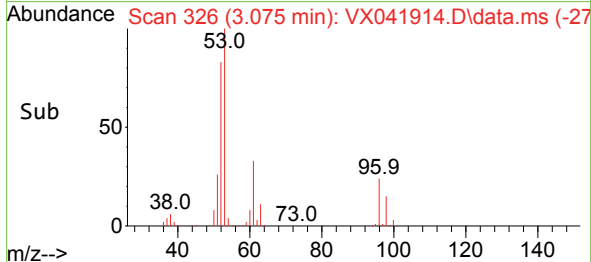
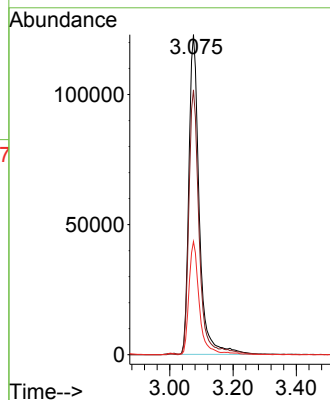
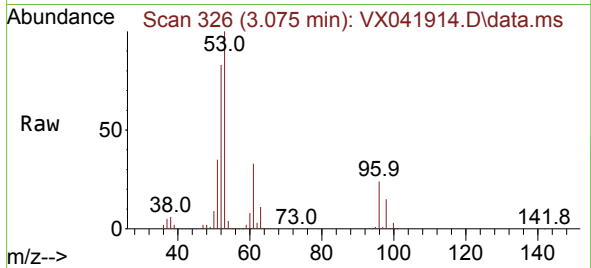




#15
Acrylonitrile
Concen: 256.775 ug/l
RT: 3.075 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

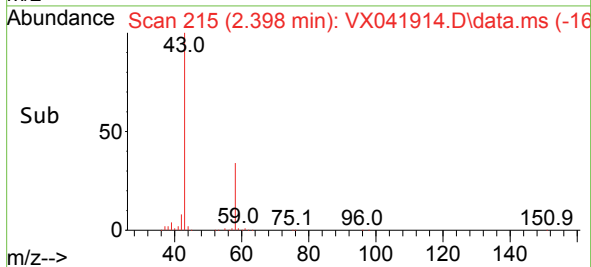
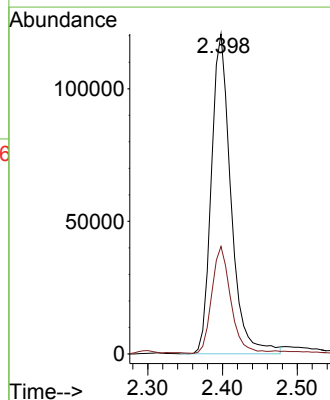
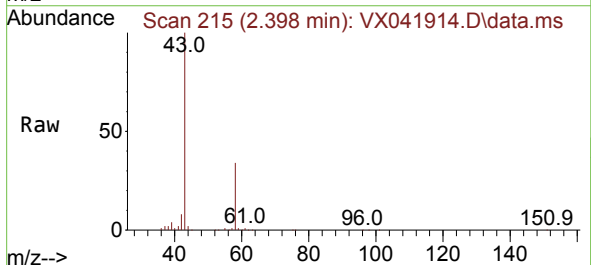
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

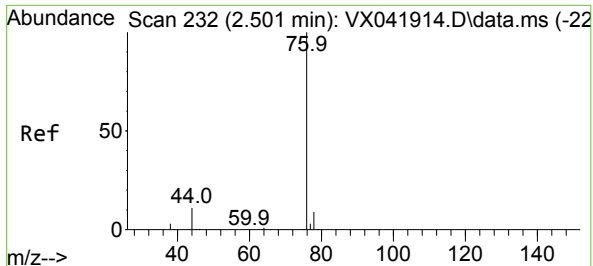
Tgt Ion: 53 Resp: 278686
Ion Ratio Lower Upper
53 100
52 82.7 66.0 99.0
51 33.9 29.8 44.6



#16
Acetone
Concen: 228.464 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

Tgt Ion: 43 Resp: 219641
Ion Ratio Lower Upper
43 100
58 33.2 21.9 32.9#





#17

Carbon Disulfide

Concen: 46.485 ug/l

RT: 2.501 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX041914.D

Acq: 18 Jun 2024 10:40

Instrument :

MSVOA_X

ClientSampleId :

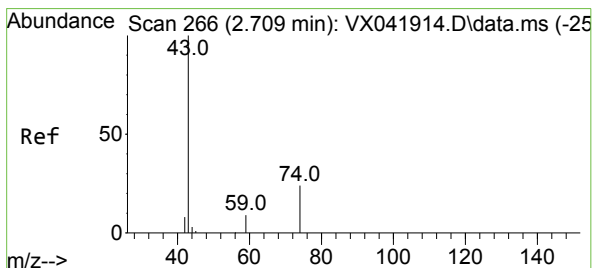
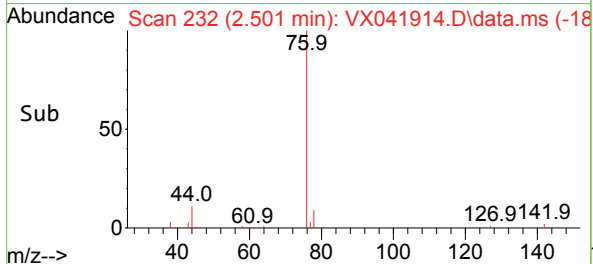
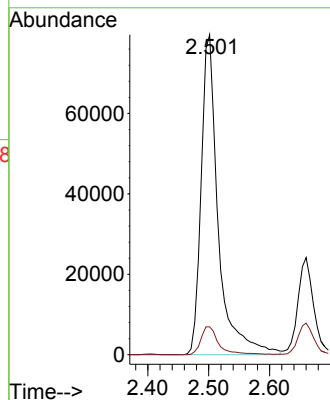
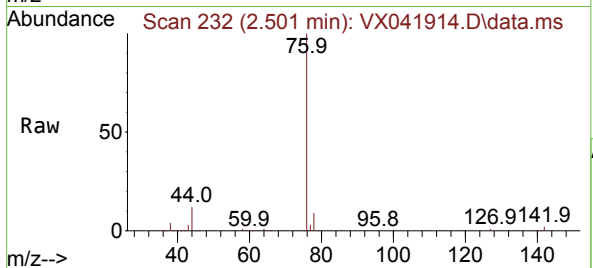
VSTDICCC050

Tgt Ion: 76 Resp: 155219

Ion Ratio Lower Upper

76 100

78 8.7 7.0 10.6



#18

Methyl Acetate

Concen: 53.098 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.000 min

Lab File: VX041914.D

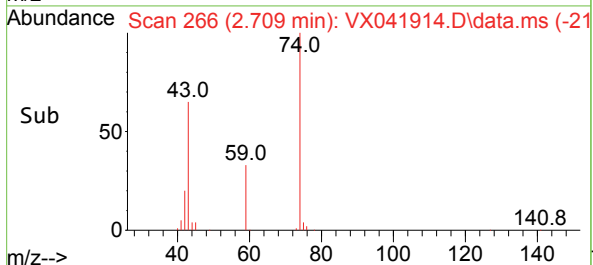
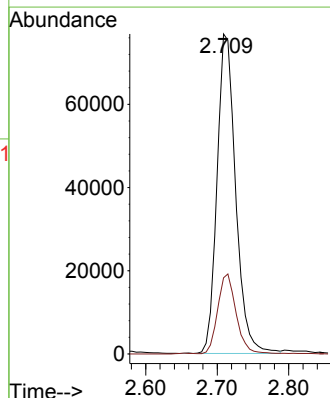
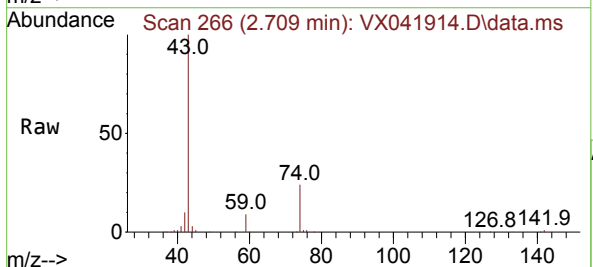
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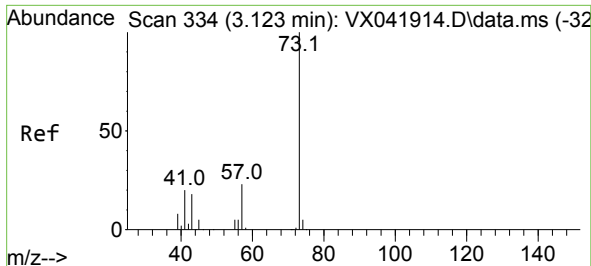
Tgt Ion: 43 Resp: 139255

Ion Ratio Lower Upper

43 100

74 24.5 17.8 26.8

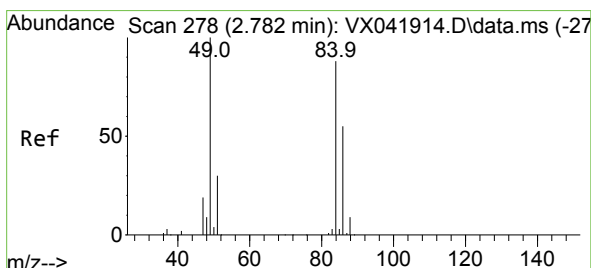
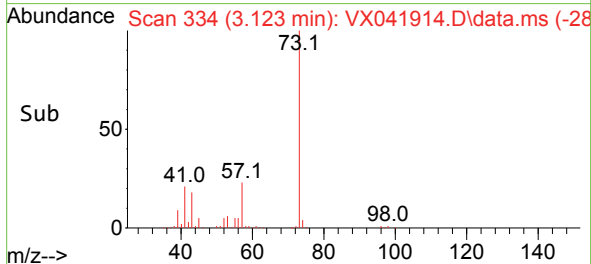
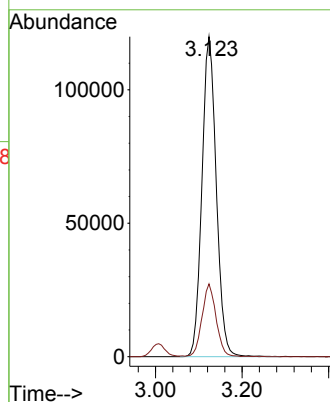
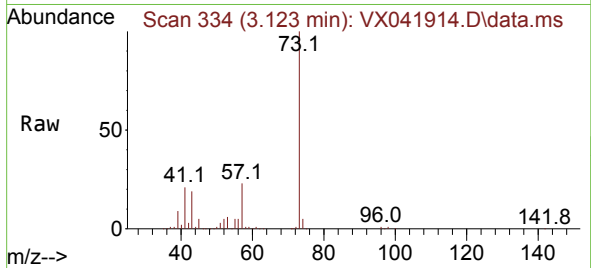




#19
Methyl tert-butyl Ether
Concen: 50.942 ug/l
RT: 3.123 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

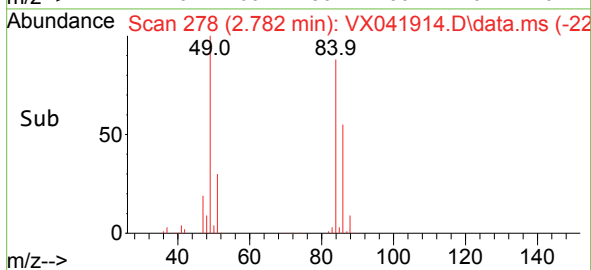
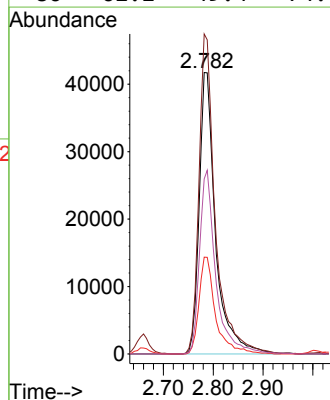
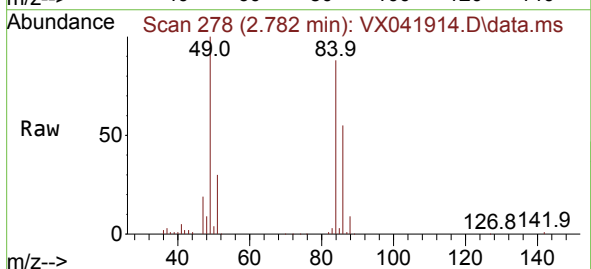
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

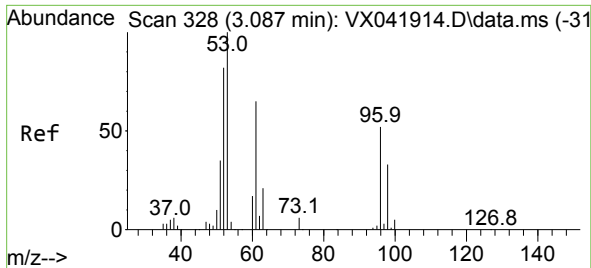
Tgt Ion: 73 Resp: 275607
Ion Ratio Lower Upper
73 100
57 22.8 17.3 25.9



#20
Methylene Chloride
Concen: 45.285 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

Tgt Ion: 84 Resp: 95329
Ion Ratio Lower Upper
84 100
49 113.7 103.6 155.4
51 34.4 33.8 50.6
86 62.2 49.4 74.0

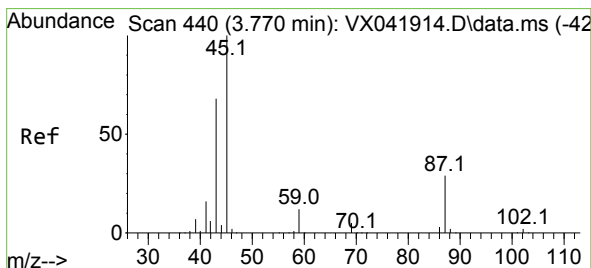
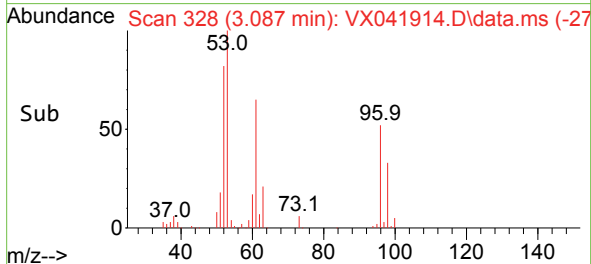
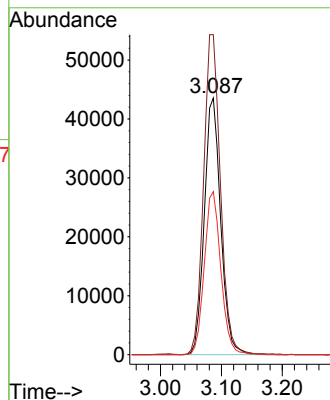
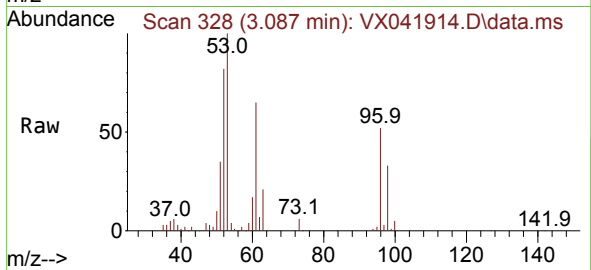




#21
trans-1,2-Dichloroethene
Concen: 49.057 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

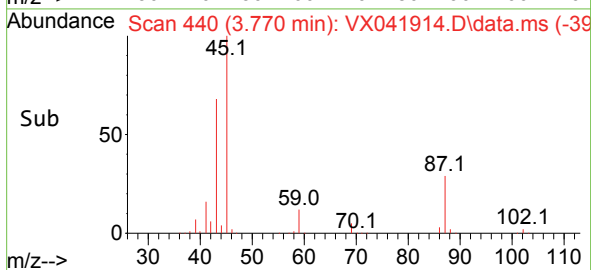
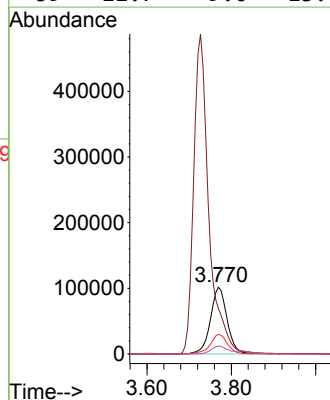
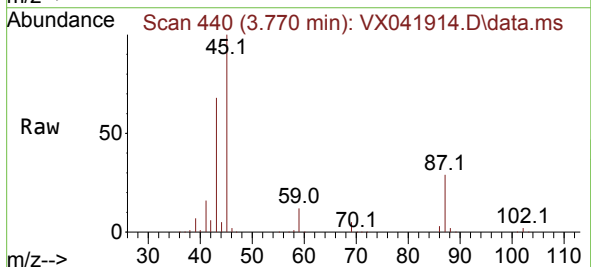
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

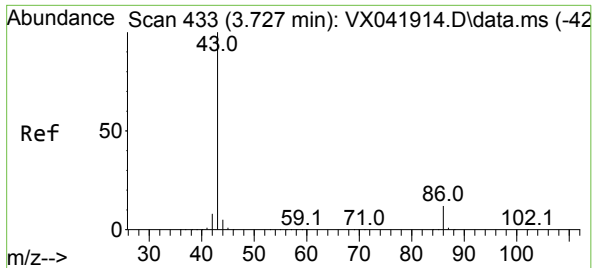
Tgt Ion: 96 Resp: 81535
Ion Ratio Lower Upper
96 100
61 124.7 119.2 178.8
98 63.6 48.7 73.1



#22
Diisopropyl ether
Concen: 50.906 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

Tgt Ion: 45 Resp: 279463
Ion Ratio Lower Upper
45 100
43 67.7 69.7 104.5#
87 29.3 20.8 31.2
59 11.7 9.0 13.4

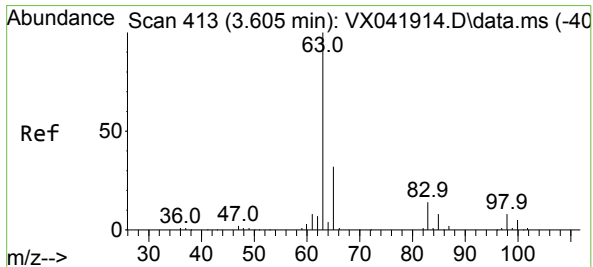
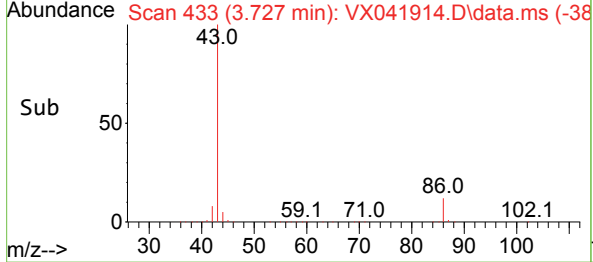
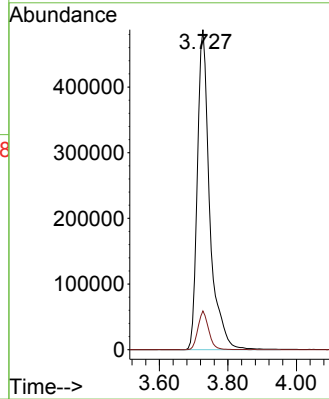
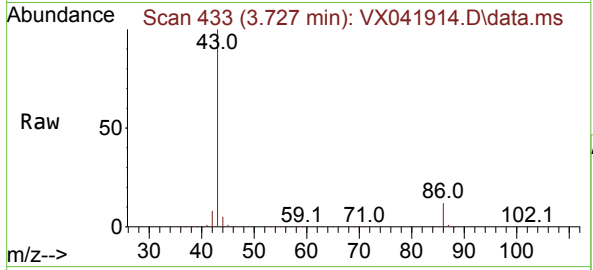




#23
 Vinyl Acetate
 Concen: 260.808 ug/l
 RT: 3.727 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX041914.D
 Acq: 18 Jun 2024 10:40

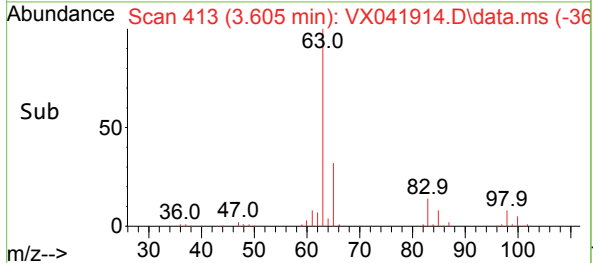
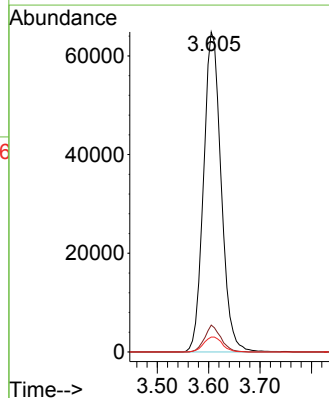
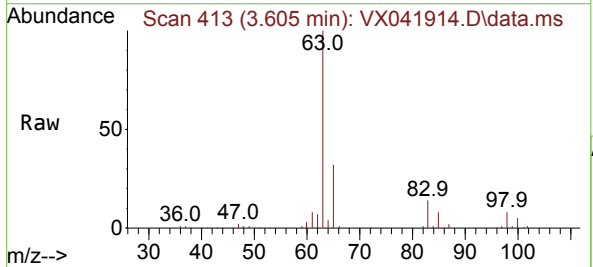
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

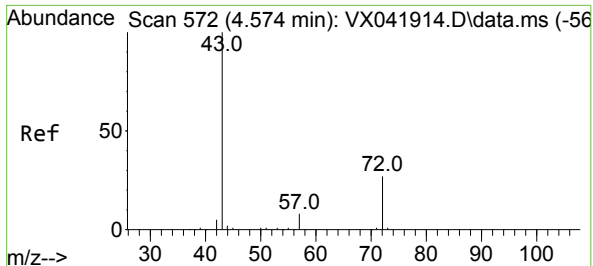
Tgt Ion: 43 Resp: 1222762
 Ion Ratio Lower Upper
 43 100
 86 12.1 7.8 11.8#



#24
 1,1-Dichloroethane
 Concen: 50.180 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX041914.D
 Acq: 18 Jun 2024 10:40

Tgt Ion: 63 Resp: 154268
 Ion Ratio Lower Upper
 63 100
 98 8.4 3.3 9.8
 100 4.6 2.1 6.5

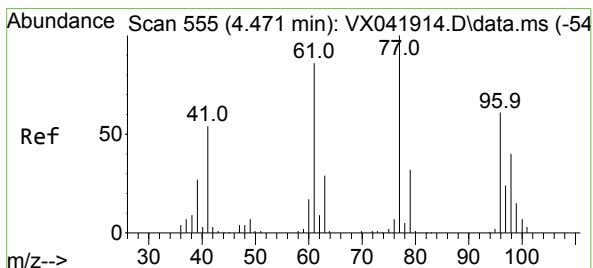
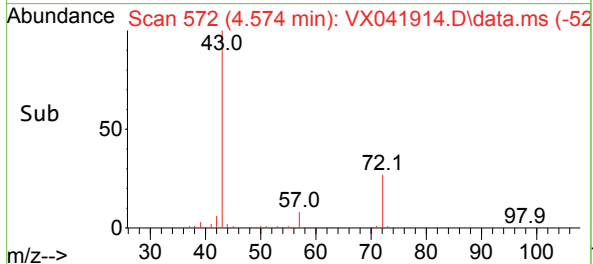
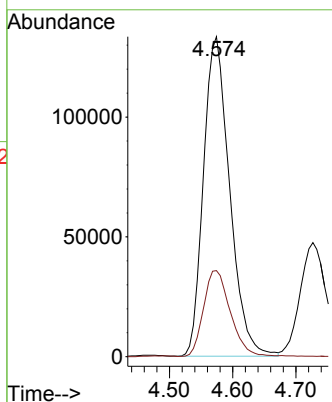
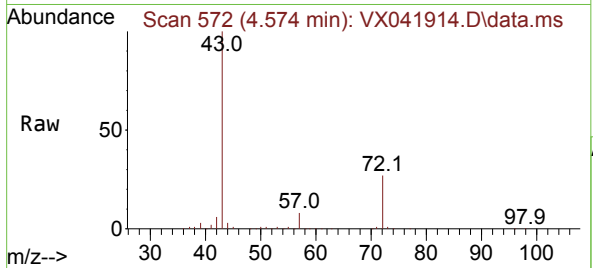




#25
2-Butanone
Concen: 256.847 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

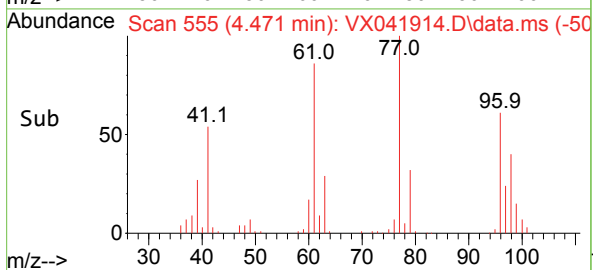
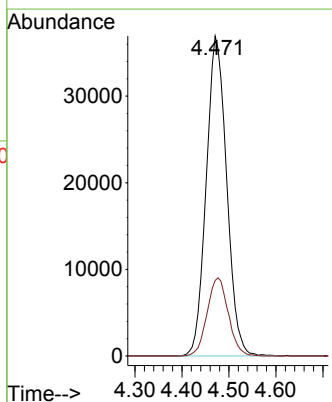
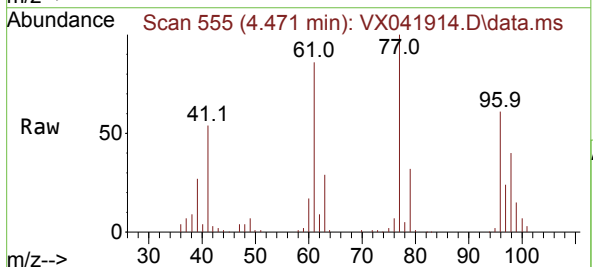
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

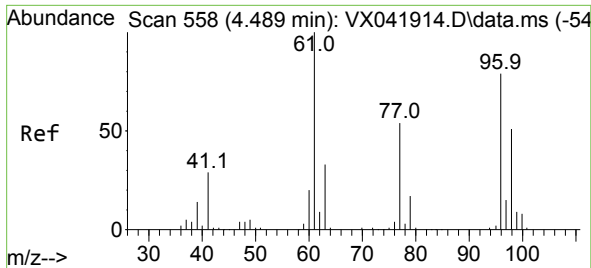
Tgt Ion: 43 Resp: 384159
Ion Ratio Lower Upper
43 100
72 26.9 19.4 29.2



#26
2,2-Dichloropropane
Concen: 50.061 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

Tgt Ion: 77 Resp: 111450
Ion Ratio Lower Upper
77 100
97 25.3 10.8 32.3

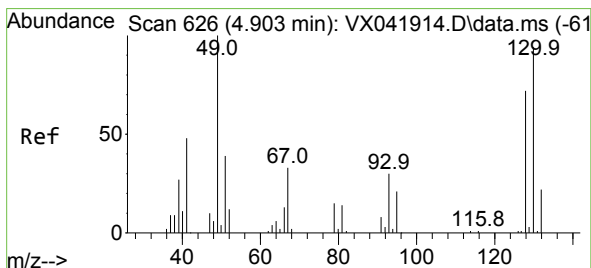
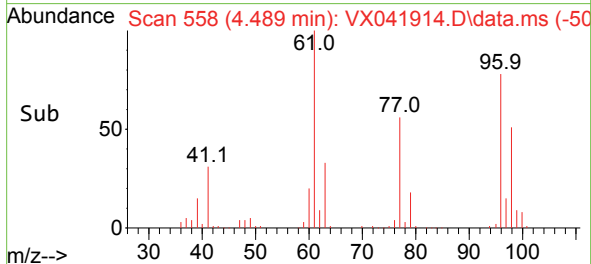
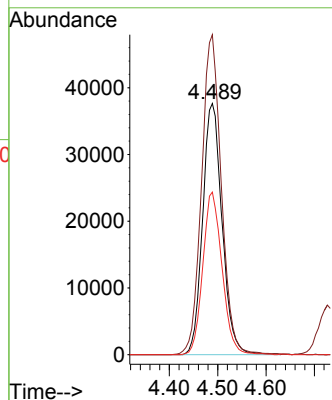
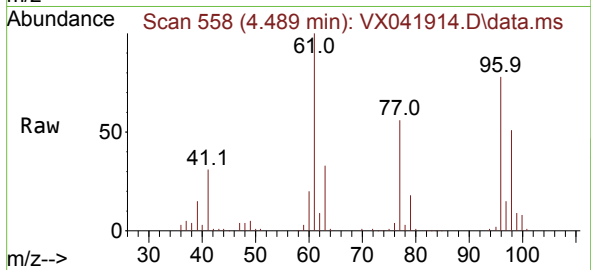




#27
cis-1,2-Dichloroethene
Concen: 50.471 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

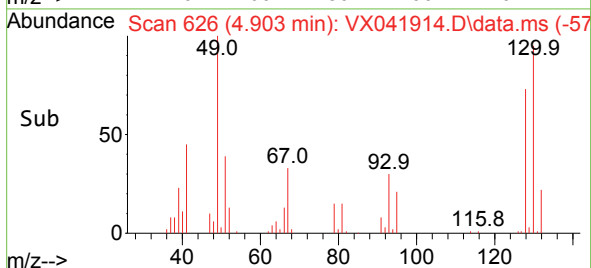
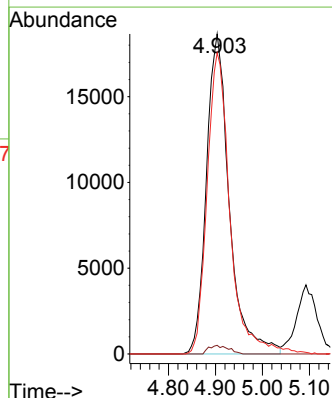
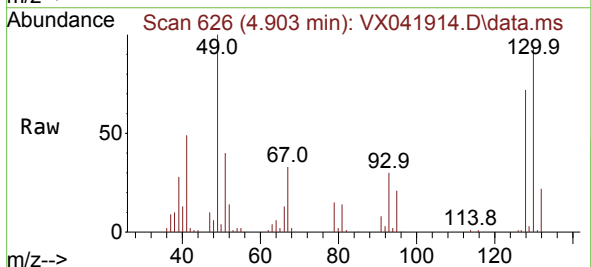
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

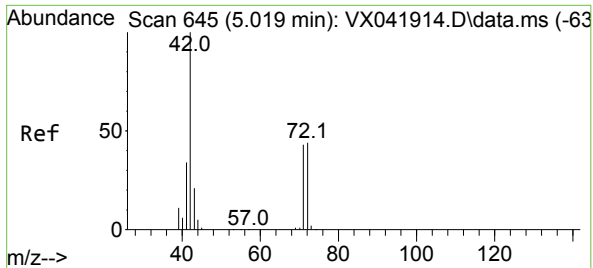
Tgt Ion: 96 Resp: 105063
Ion Ratio Lower Upper
96 100
61 130.1 0.0 312.2
98 64.1 0.0 129.0



#28
Bromochloromethane
Concen: 47.824 ug/l
RT: 4.903 min Scan# 626
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

Tgt Ion: 49 Resp: 62973
Ion Ratio Lower Upper
49 100
129 2.3 0.0 3.8
130 94.3 57.5 86.3#





#29

Tetrahydrofuran

Concen: 259.588 ug/l

RT: 5.019 min Scan# 645

Delta R.T. 0.000 min

Lab File: VX041914.D

Acq: 18 Jun 2024 10:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

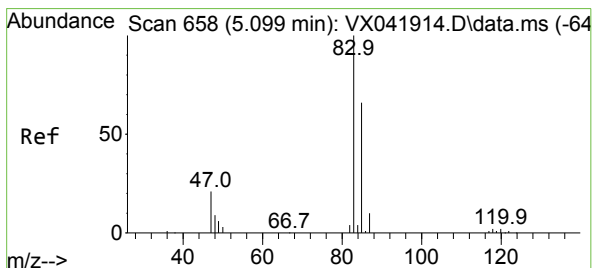
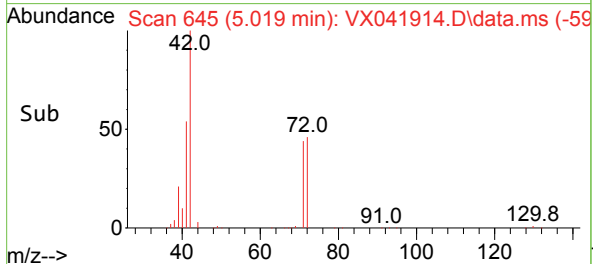
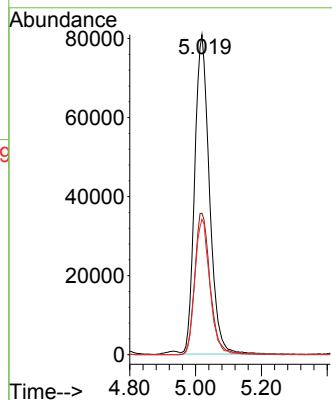
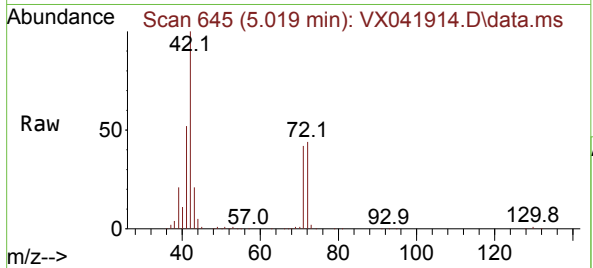
Tgt Ion: 42 Resp: 250750

Ion Ratio Lower Upper

42 100

72 46.4 34.2 51.4

71 43.2 32.2 48.2



#30

Chloroform

Concen: 49.937 ug/l

RT: 5.099 min Scan# 658

Delta R.T. 0.000 min

Lab File: VX041914.D

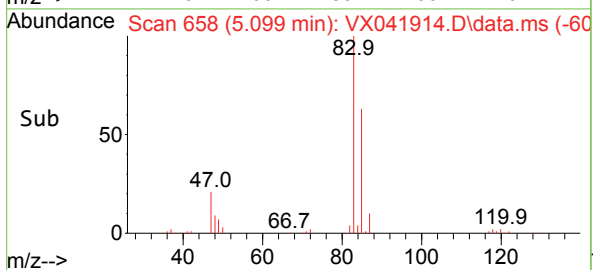
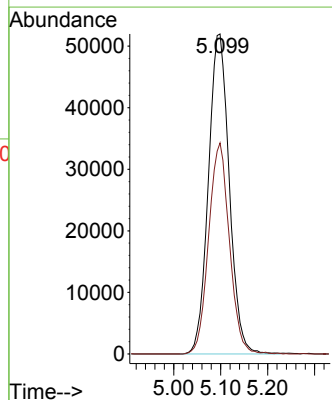
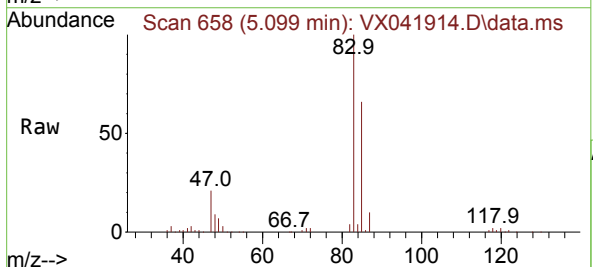
Acq: 18 Jun 2024 10:40

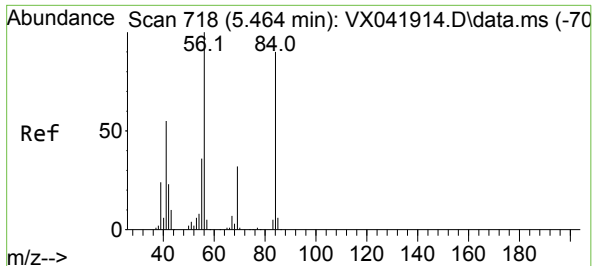
Tgt Ion: 83 Resp: 159943

Ion Ratio Lower Upper

83 100

85 66.0 50.3 75.5

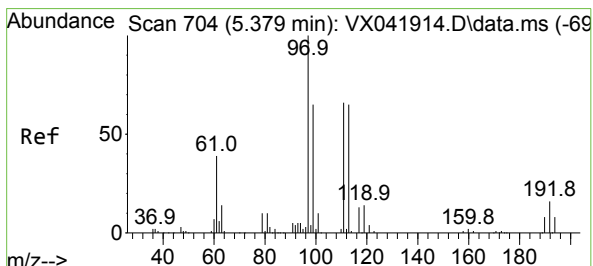
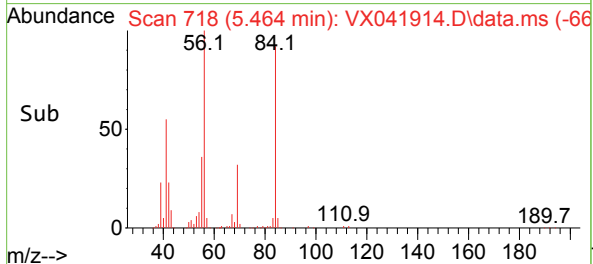
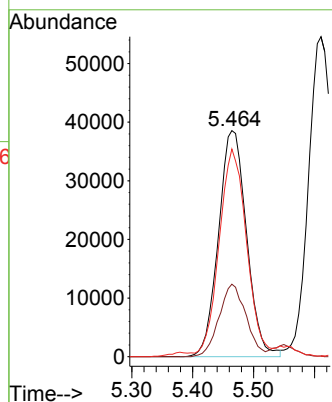
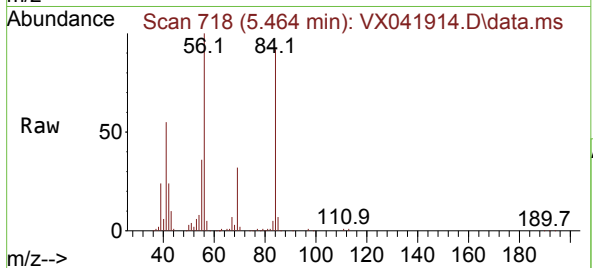




#31
Cyclohexane
Concen: 48.196 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

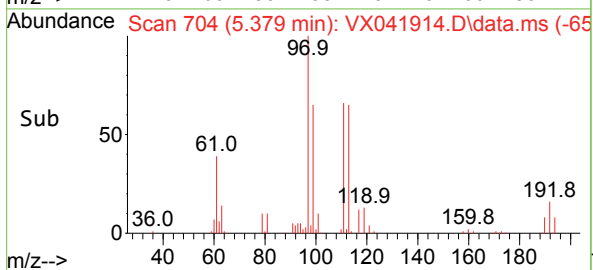
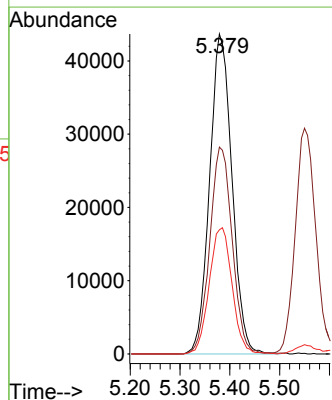
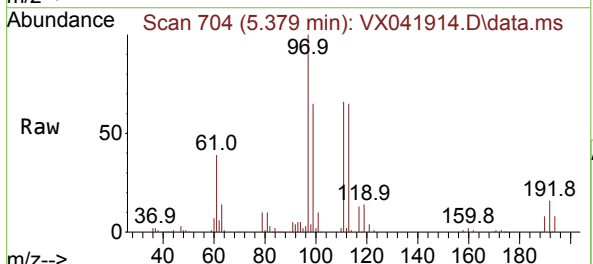
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

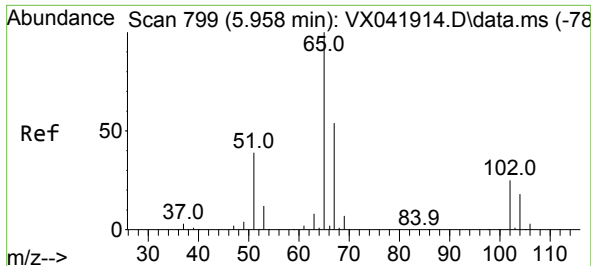
Tgt Ion: 56 Resp: 123406
Ion Ratio Lower Upper
56 100
69 32.1 23.4 35.2
84 89.9 65.9 98.9



#32
1,1,1-Trichloroethane
Concen: 50.760 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

Tgt Ion: 97 Resp: 135849
Ion Ratio Lower Upper
97 100
99 65.0 51.1 76.7
61 40.4 36.4 54.6

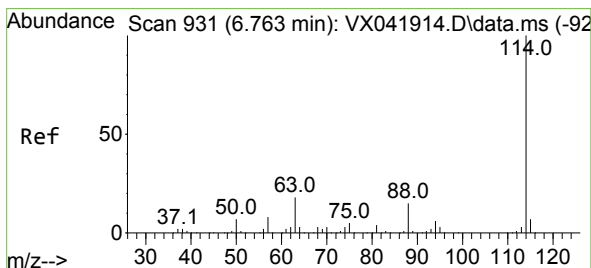
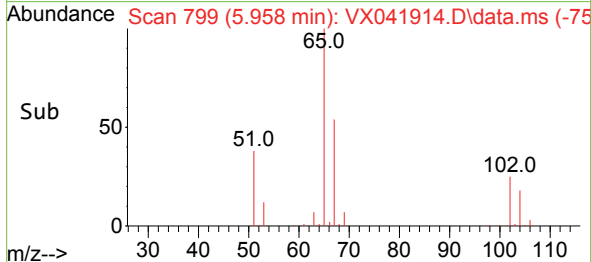
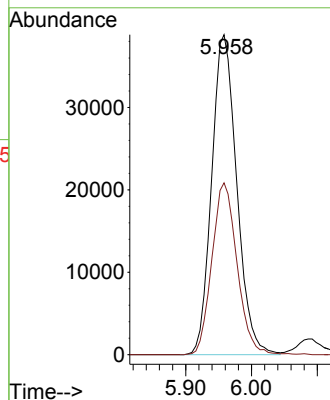
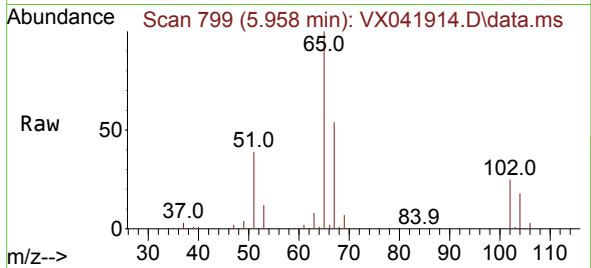




#33
 1,2-Dichloroethane-d4
 Concen: 47.074 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX041914.D
 Acq: 18 Jun 2024 10:40

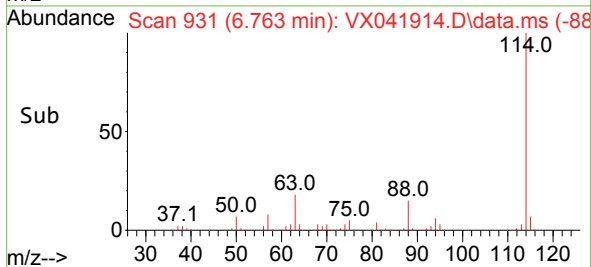
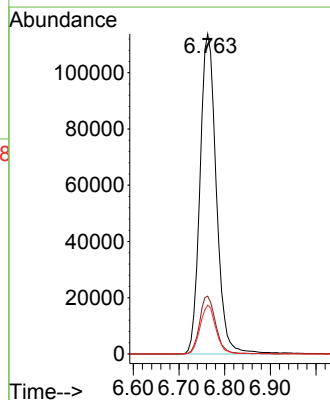
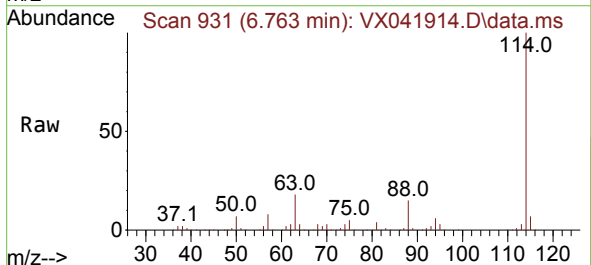
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

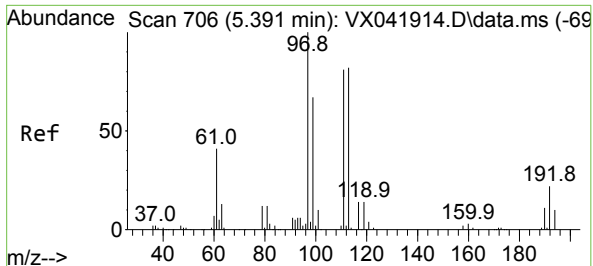
Tgt Ion: 65 Resp: 103066
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX041914.D
 Acq: 18 Jun 2024 10:40

Tgt Ion: 114 Resp: 281308
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 45.0
 88 15.2 0.0 36.6

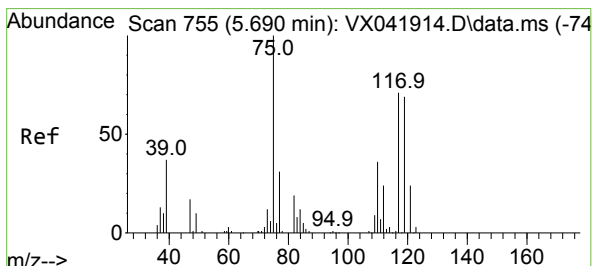
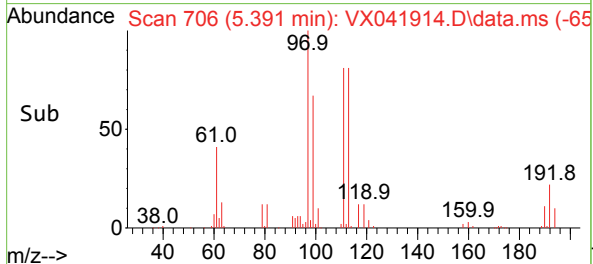
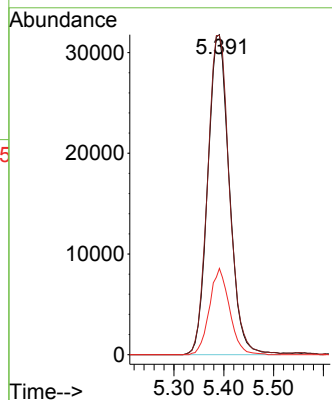
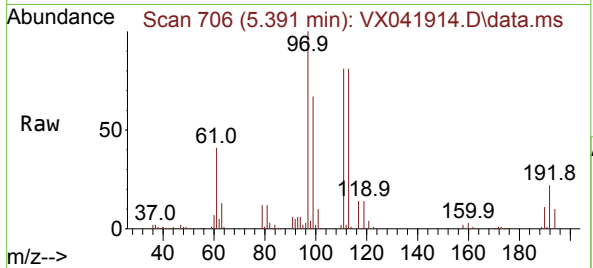




#35
Dibromofluoromethane
Concen: 47.688 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

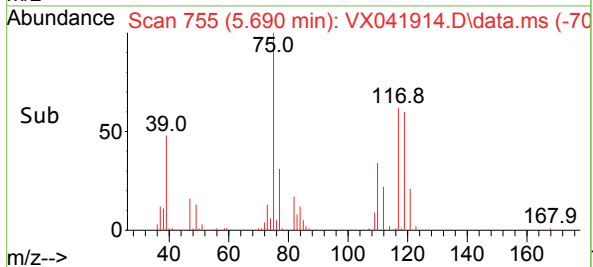
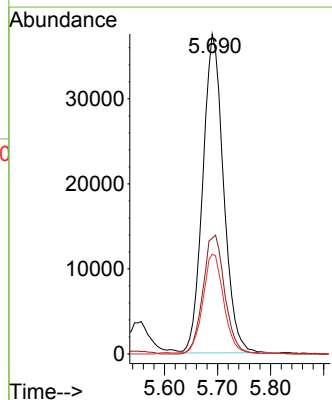
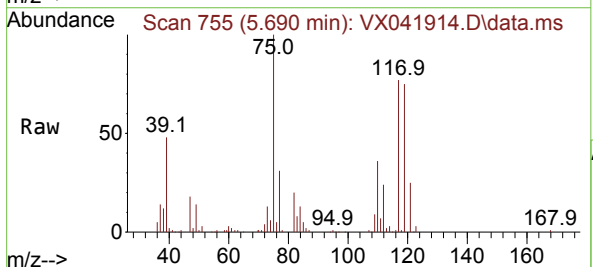
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

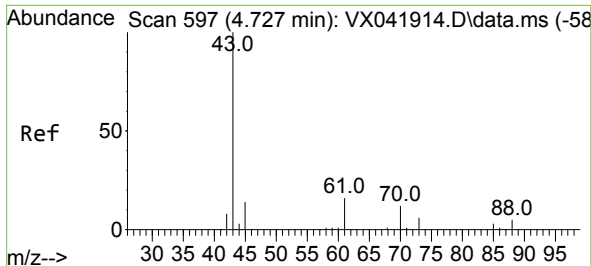
Tgt Ion:113 Resp: 95187
Ion Ratio Lower Upper
113 100
111 101.8 82.9 124.3
192 25.2 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 48.060 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

Tgt Ion: 75 Resp: 101868
Ion Ratio Lower Upper
75 100
110 39.2 17.0 50.9
77 31.2 24.7 37.1





#37

Ethyl Acetate

Concen: 51.502 ug/l

RT: 4.727 min Scan# 597

Delta R.T. 0.000 min

Lab File: VX041914.D

Acq: 18 Jun 2024 10:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

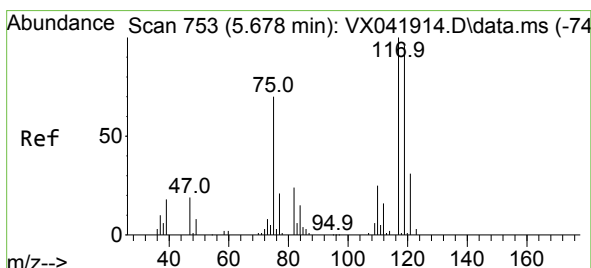
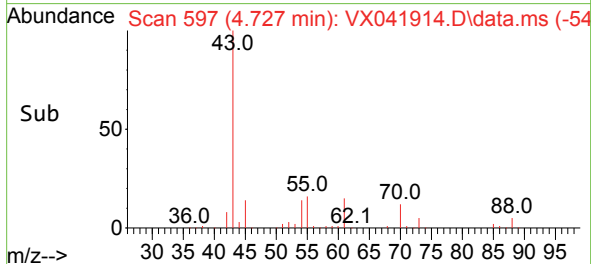
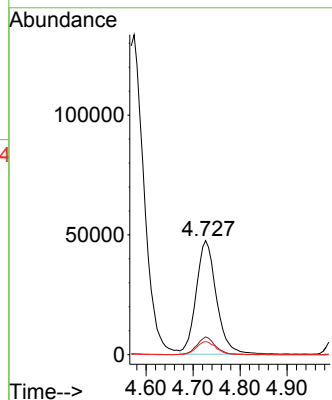
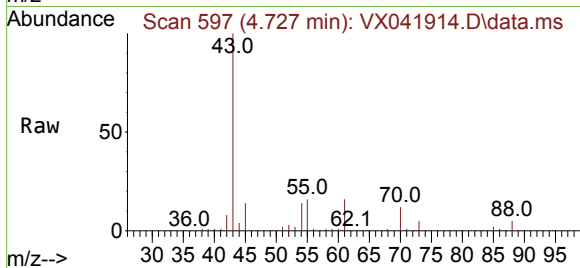
Tgt Ion: 43 Resp: 142202

Ion Ratio Lower Upper

43 100

61 14.5 10.6 16.0

70 11.2 8.3 12.5



#38

Carbon Tetrachloride

Concen: 49.544 ug/l

RT: 5.678 min Scan# 753

Delta R.T. 0.000 min

Lab File: VX041914.D

Acq: 18 Jun 2024 10:40

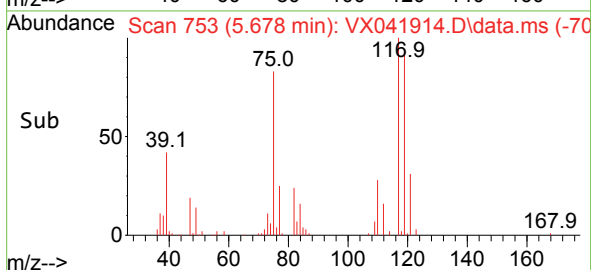
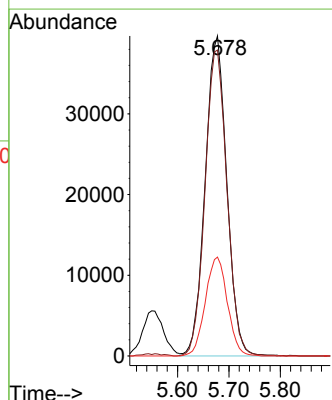
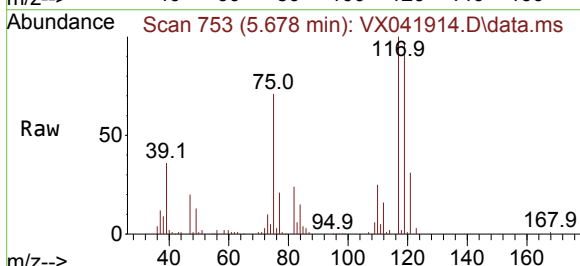
Tgt Ion: 117 Resp: 116027

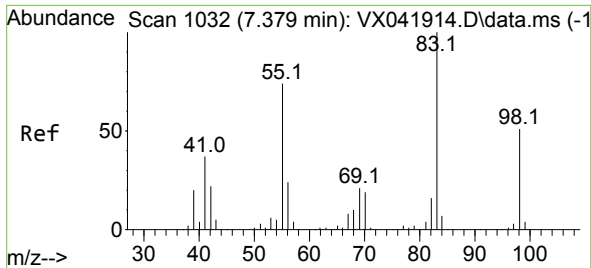
Ion Ratio Lower Upper

117 100

119 95.5 78.2 117.2

121 30.9 24.4 36.6

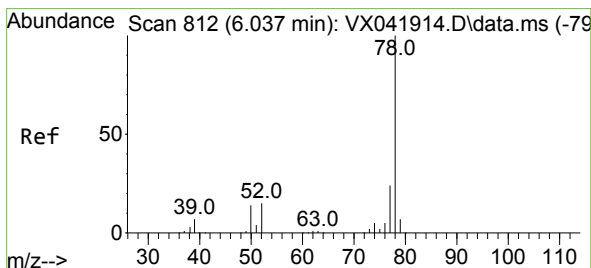
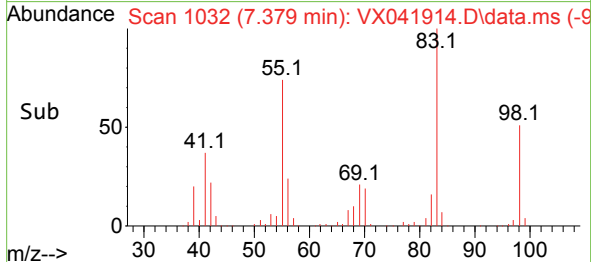
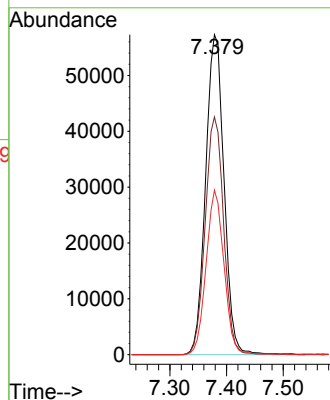
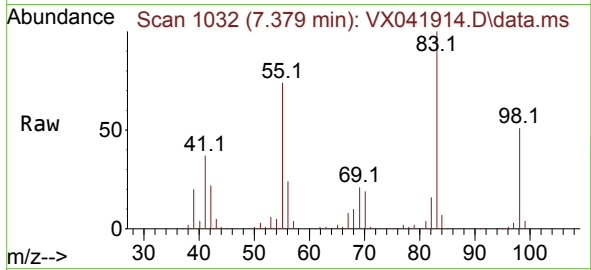




#39
Methylcyclohexane
Concen: 48.133 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

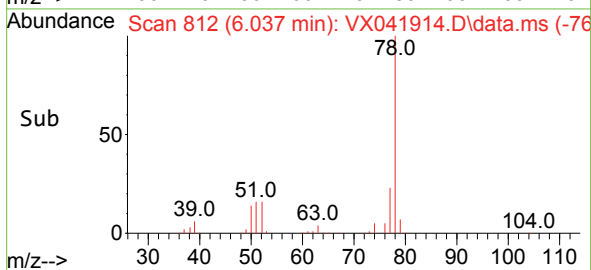
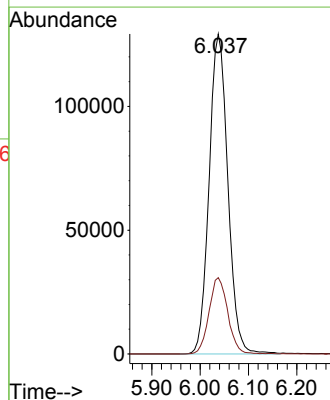
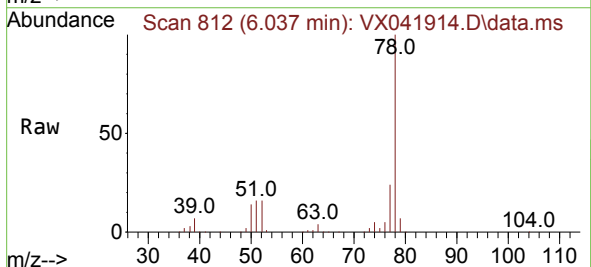
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

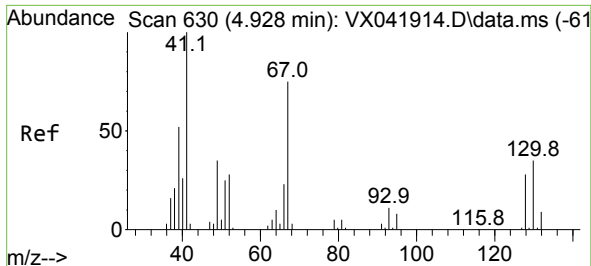
Tgt Ion: 83 Resp: 129026
Ion Ratio Lower Upper
83 100
55 74.3 64.6 97.0
98 51.4 36.7 55.1



#40
Benzene
Concen: 48.724 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

Tgt Ion: 78 Resp: 348309
Ion Ratio Lower Upper
78 100
77 23.8 19.3 28.9

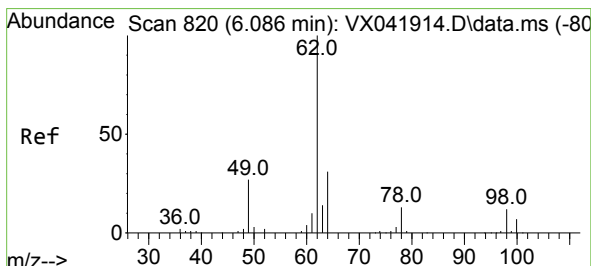
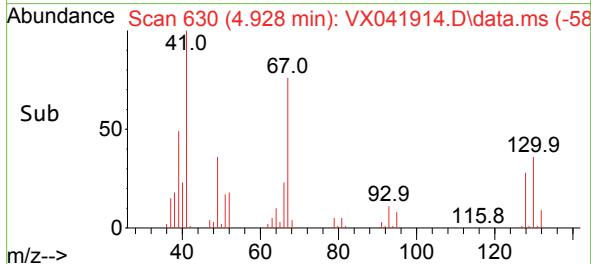
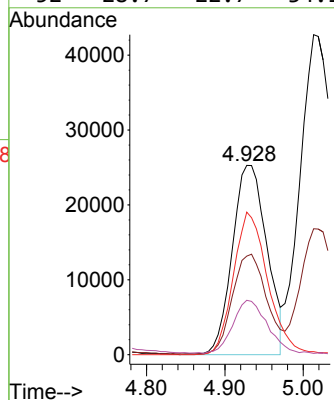
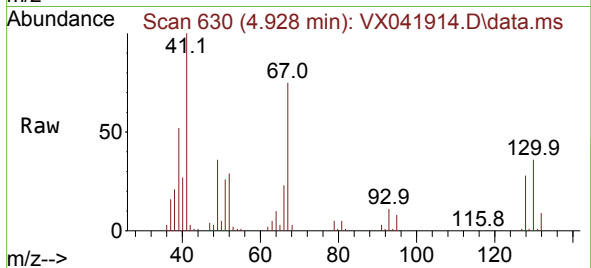




#41
Methacrylonitrile
Concen: 51.818 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

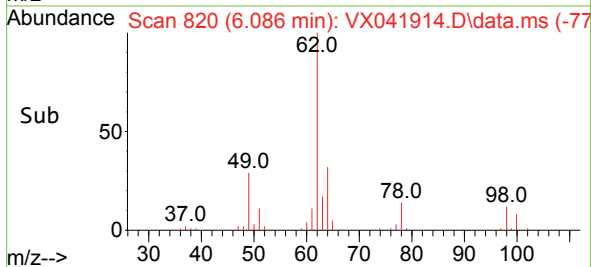
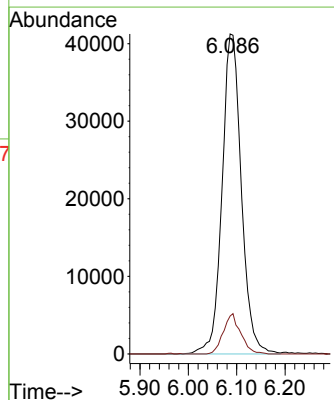
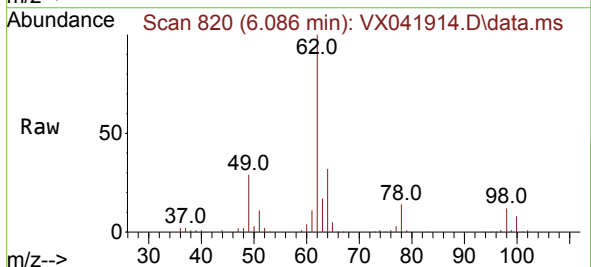
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

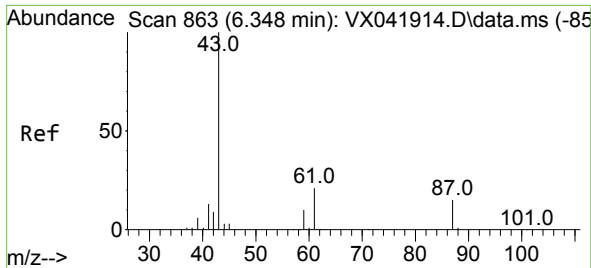
Tgt Ion: 41	Resp: 77557
Ion Ratio	Lower Upper
41 100	
39 53.4	45.2 67.8
67 75.8	52.6 78.8
52 28.7	22.7 34.1



#42
1,2-Dichloroethane
Concen: 49.649 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

Tgt Ion: 62	Resp: 114325
Ion Ratio	Lower Upper
62 100	
98 11.3	0.0 16.0





#43

Isopropyl Acetate

Concen: 50.687 ug/l

RT: 6.348 min Scan# 863

Delta R.T. 0.000 min

Lab File: VX041914.D

Acq: 18 Jun 2024 10:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

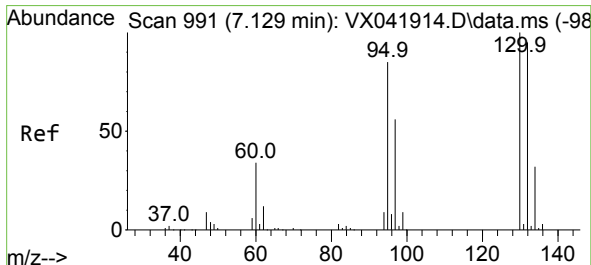
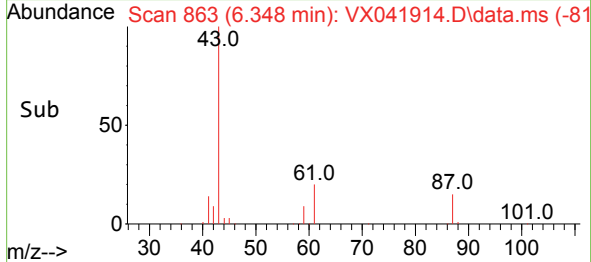
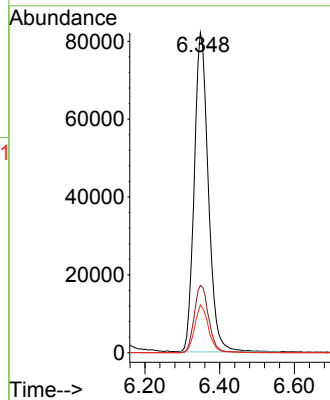
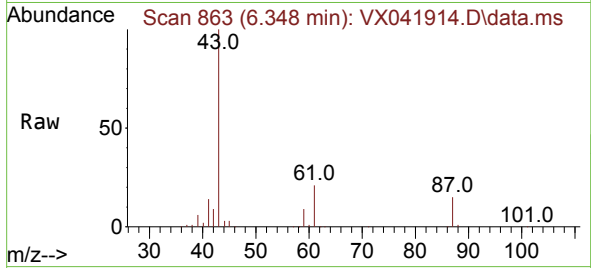
Tgt Ion: 43 Resp: 214817

Ion Ratio Lower Upper

43 100

61 21.7 15.2 22.8

87 14.6 9.8 14.6



#44

Trichloroethene

Concen: 49.472 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.000 min

Lab File: VX041914.D

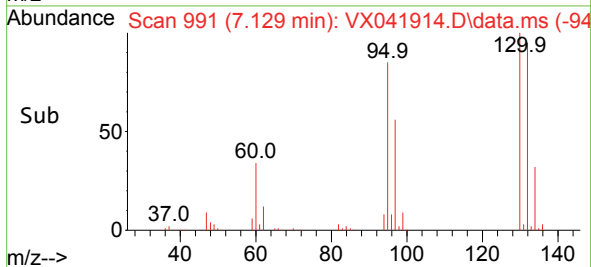
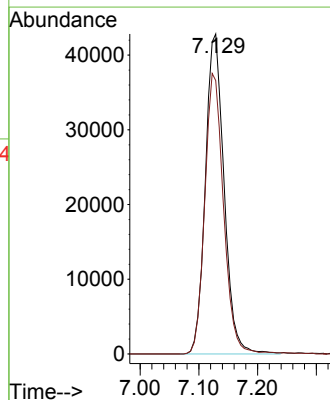
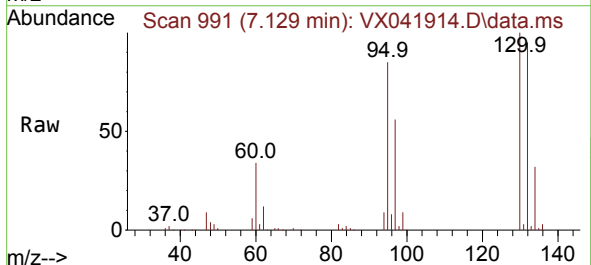
Acq: 18 Jun 2024 10:40

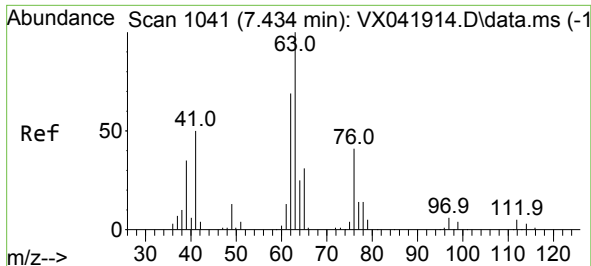
Tgt Ion:130 Resp: 94798

Ion Ratio Lower Upper

130 100

95 85.5 0.0 204.4

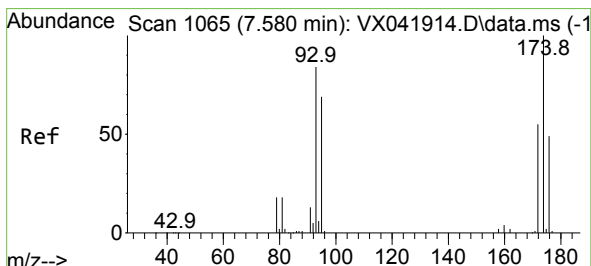
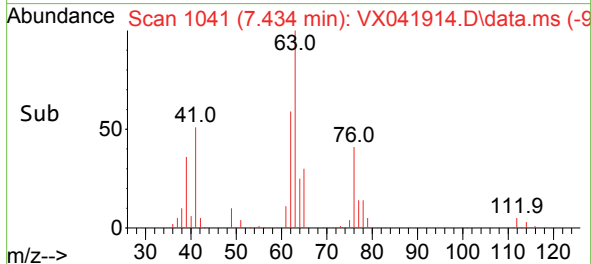
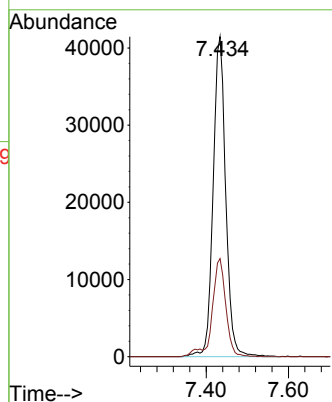
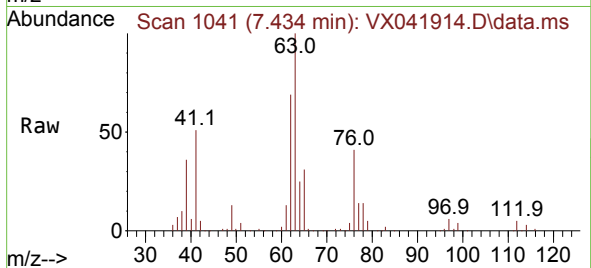




#45
1,2-Dichloropropane
Concen: 50.144 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

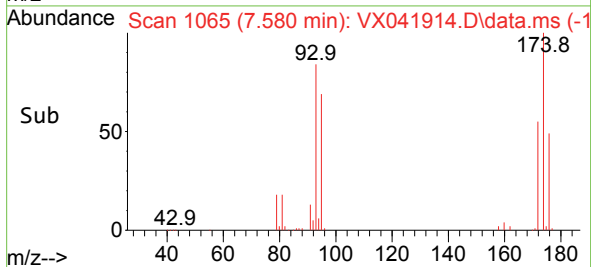
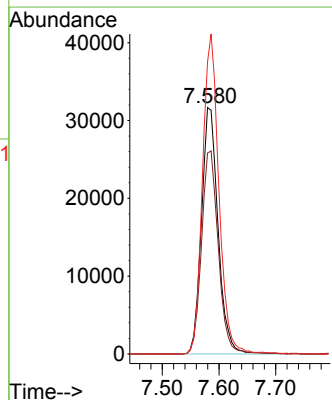
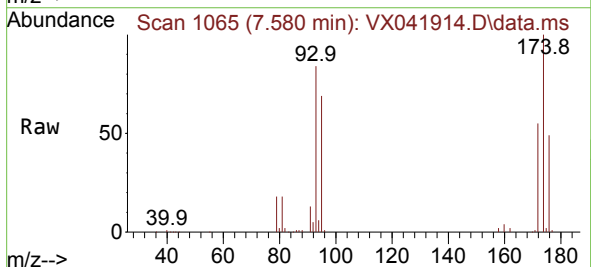
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

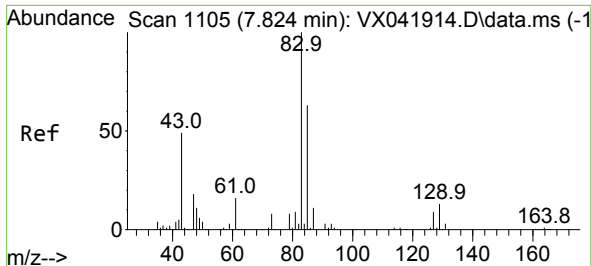
Tgt Ion: 63 Resp: 88141
Ion Ratio Lower Upper
63 100
65 30.6 24.3 36.5



#46
Dibromomethane
Concen: 50.228 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

Tgt Ion: 93 Resp: 64328
Ion Ratio Lower Upper
93 100
95 83.4 66.6 100.0
174 128.3 69.4 104.0#

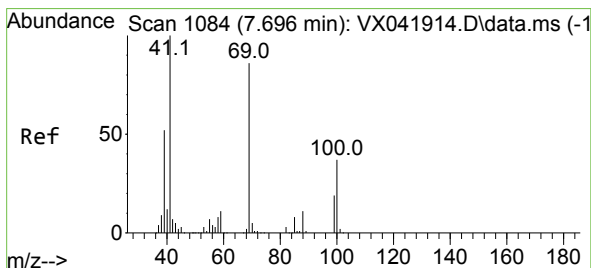
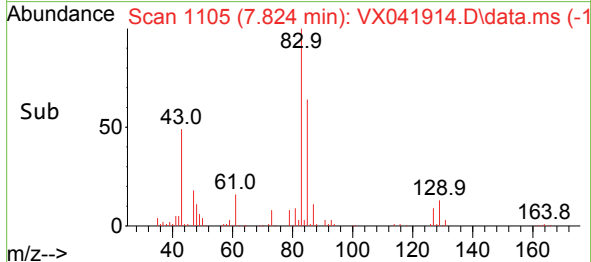
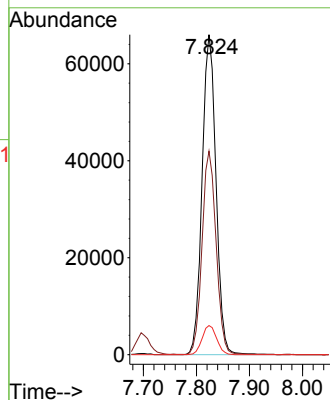
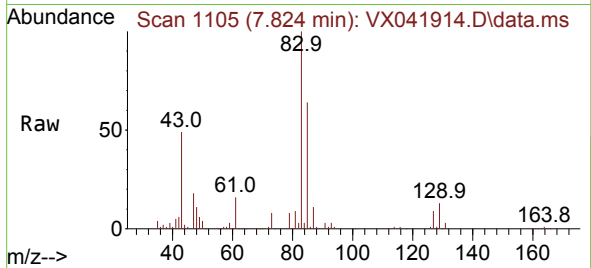




#47
Bromodichloromethane
Concen: 51.083 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

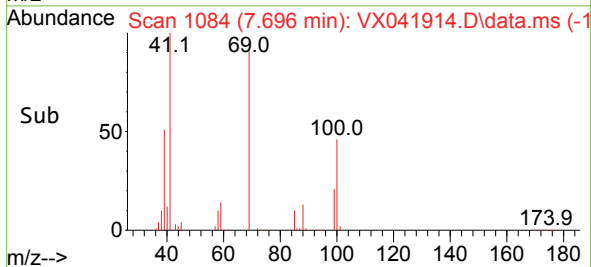
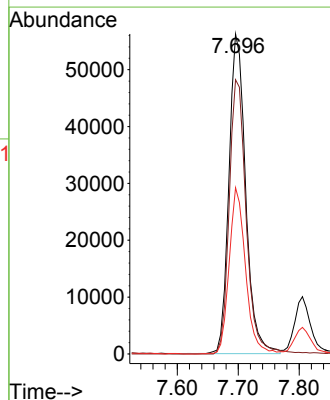
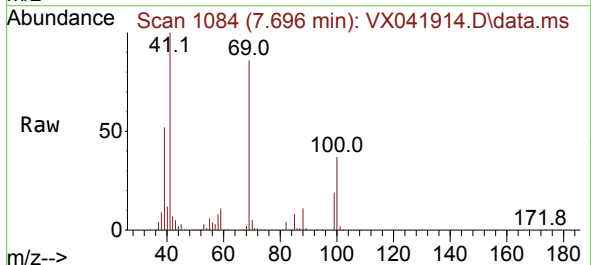
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

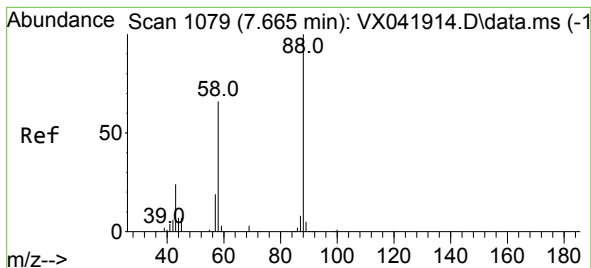
Tgt Ion: 83 Resp: 120115
Ion Ratio Lower Upper
83 100
85 63.6 49.8 74.6
127 9.1 7.1 10.7



#48
Methyl methacrylate
Concen: 52.934 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

Tgt Ion: 41 Resp: 107065
Ion Ratio Lower Upper
41 100
69 87.8 59.2 88.8
39 51.1 47.7 71.5





#49

1,4-Dioxane

Concen: 933.566 ug/l

RT: 7.665 min Scan# 1079

Delta R.T. 0.000 min

Lab File: VX041914.D

Acq: 18 Jun 2024 10:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

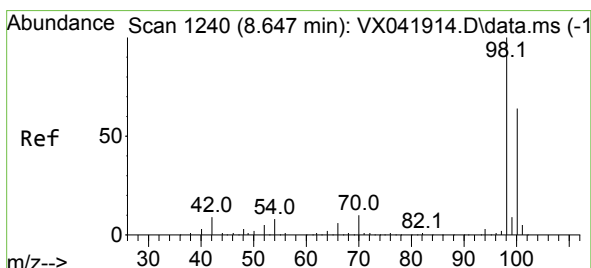
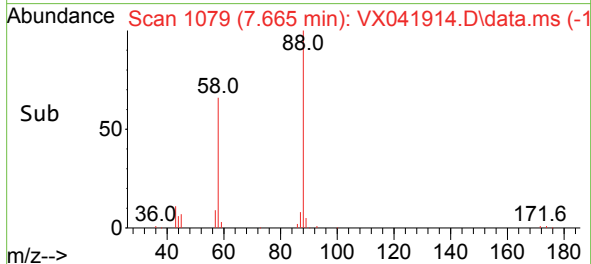
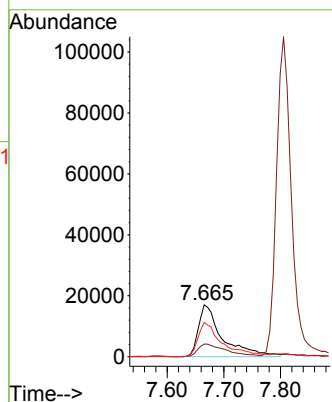
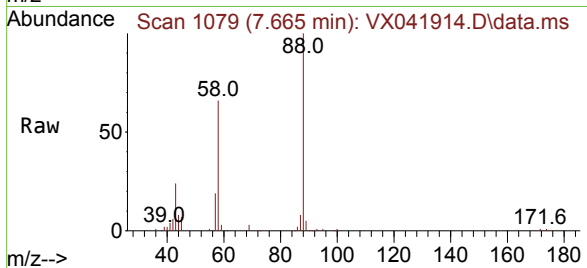
Tgt Ion: 88 Resp: 49891

Ion Ratio Lower Upper

88 100

43 29.3 0.0 0.0#

58 66.6 60.1 90.1



#50

Toluene-d8

Concen: 47.788 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX041914.D

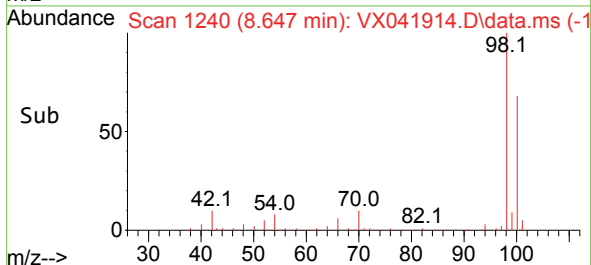
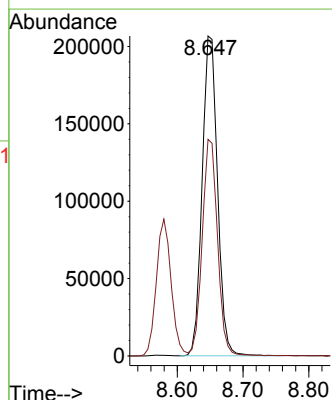
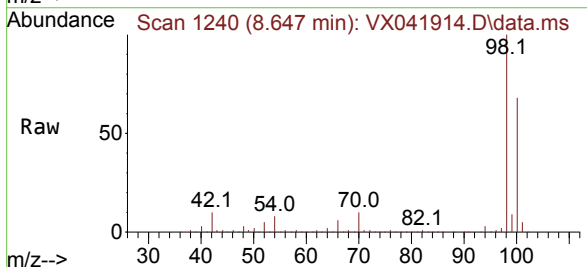
Acq: 18 Jun 2024 10:40

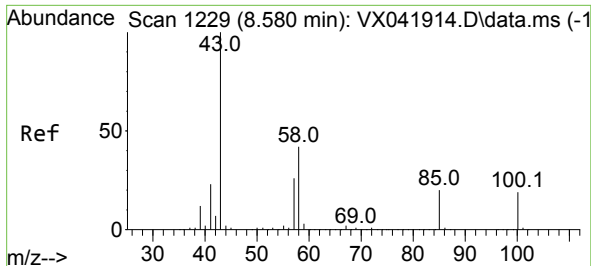
Tgt Ion: 98 Resp: 335098

Ion Ratio Lower Upper

98 100

100 67.2 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 260.467 ug/l

RT: 8.580 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VX041914.D

Acq: 18 Jun 2024 10:40

Instrument :

MSVOA_X

ClientSampleId :

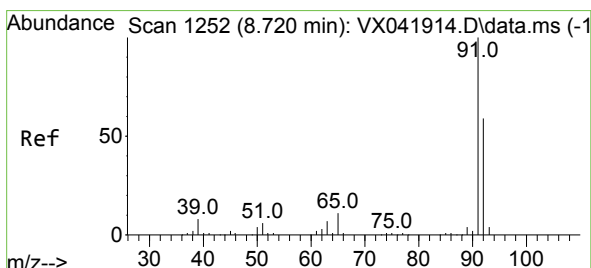
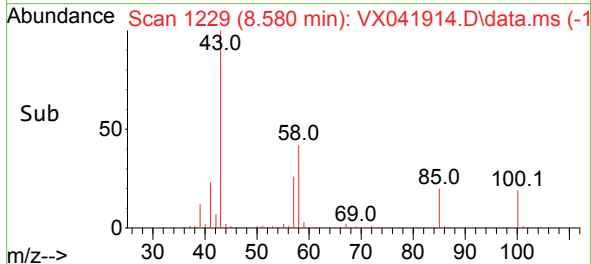
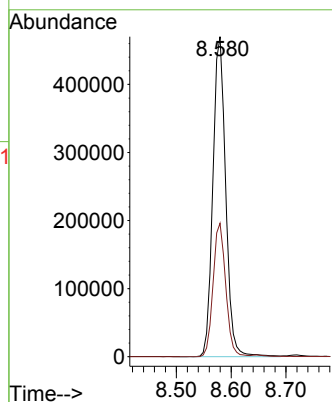
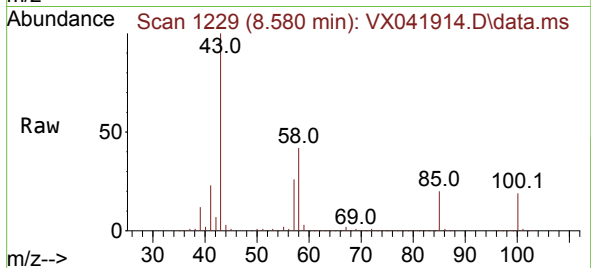
VSTDICCC050

Tgt Ion: 43 Resp: 760407

Ion Ratio Lower Upper

43 100

58 41.2 30.4 45.6



#52

Toluene

Concen: 50.173 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX041914.D

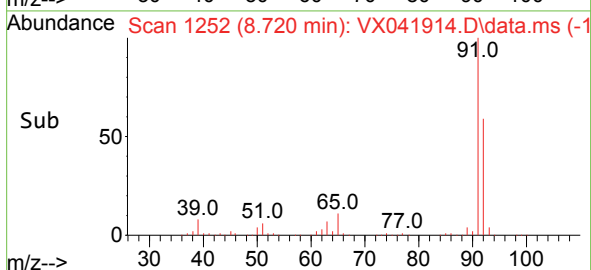
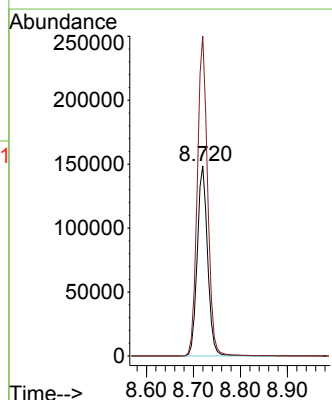
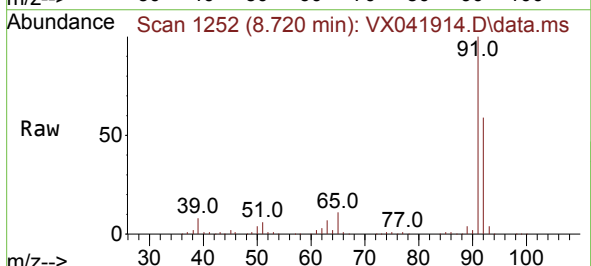
Acq: 18 Jun 2024 10:40

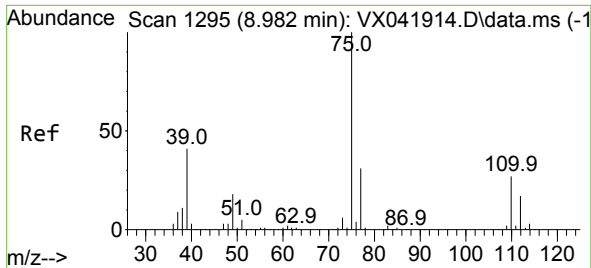
Tgt Ion: 92 Resp: 228395

Ion Ratio Lower Upper

92 100

91 167.8 134.2 201.2

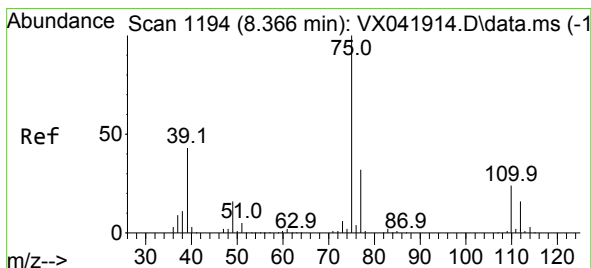
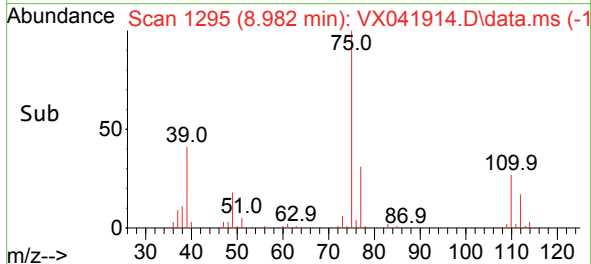
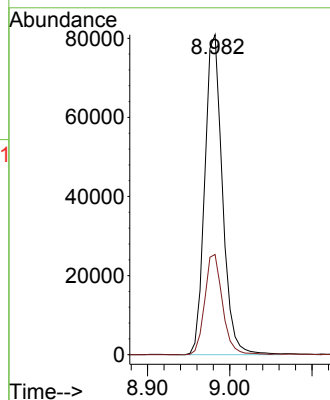
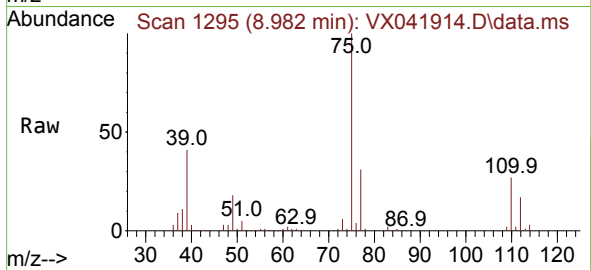




#53
 t-1,3-Dichloropropene
 Concen: 48.563 ug/l
 RT: 8.982 min Scan# 1295
 Delta R.T. 0.000 min
 Lab File: VX041914.D
 Acq: 18 Jun 2024 10:40

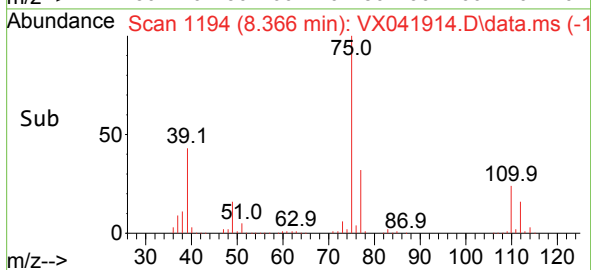
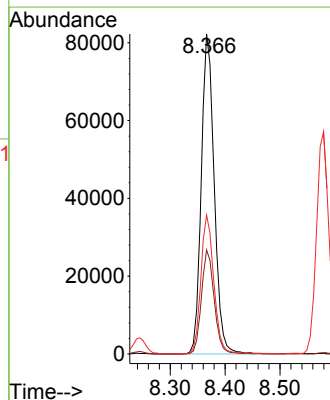
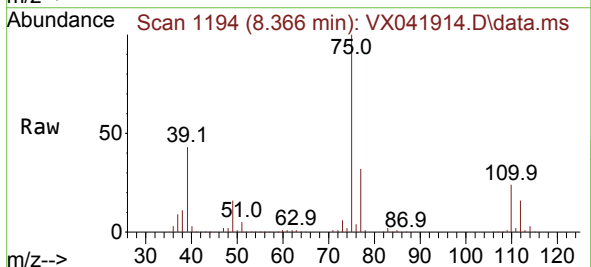
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

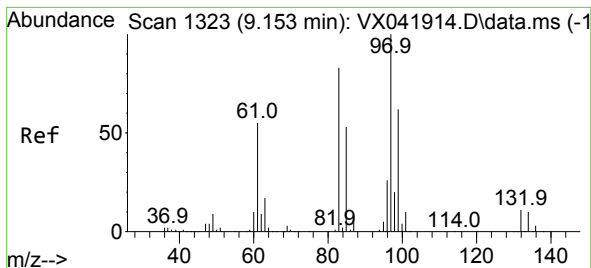
Tgt Ion: 75 Resp: 120625
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 52.523 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX041914.D
 Acq: 18 Jun 2024 10:40

Tgt Ion: 75 Resp: 135213
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.3 37.9
 39 43.4 46.7 70.1#





#55

1,1,2-Trichloroethane

Concen: 51.299 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX041914.D

Acq: 18 Jun 2024 10:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 97 Resp: 97281

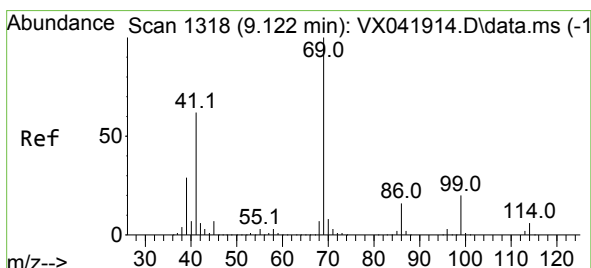
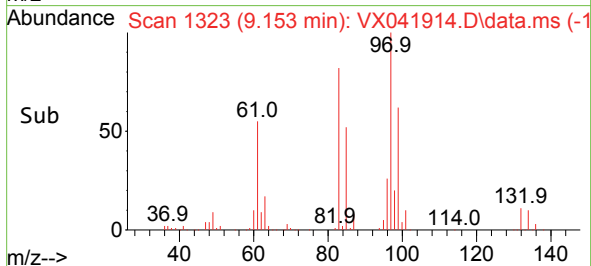
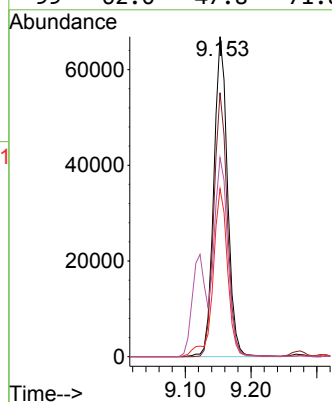
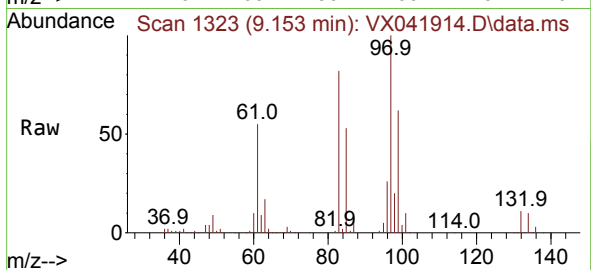
Ion Ratio Lower Upper

97 100

83 82.5 65.8 98.8

85 52.5 41.6 62.4

99 62.0 47.8 71.8



#56

Ethyl methacrylate

Concen: 53.543 ug/l

RT: 9.122 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VX041914.D

Acq: 18 Jun 2024 10:40

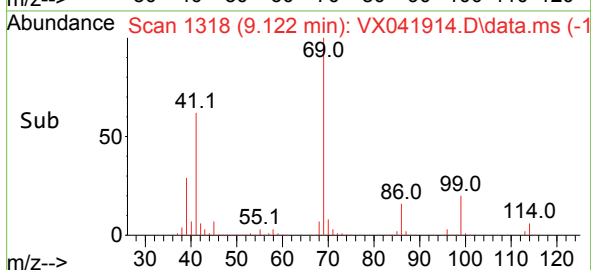
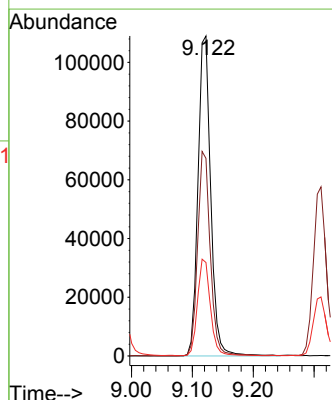
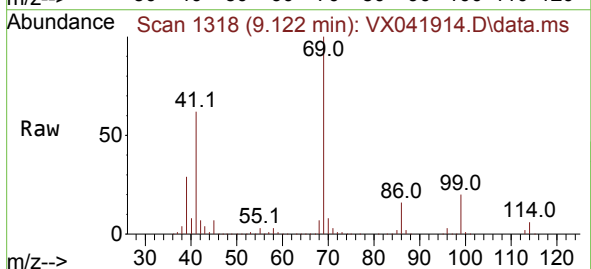
Tgt Ion: 69 Resp: 157961

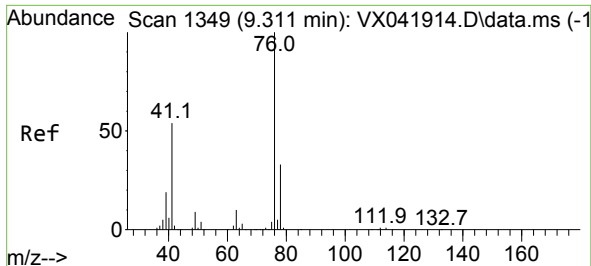
Ion Ratio Lower Upper

69 100

41 63.0 56.8 85.2

39 30.7 32.0 48.0#





#57

1,3-Dichloropropane

Concen: 50.644 ug/l

RT: 9.311 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX041914.D

Acq: 18 Jun 2024 10:40

Instrument :

MSVOA_X

ClientSampleId :

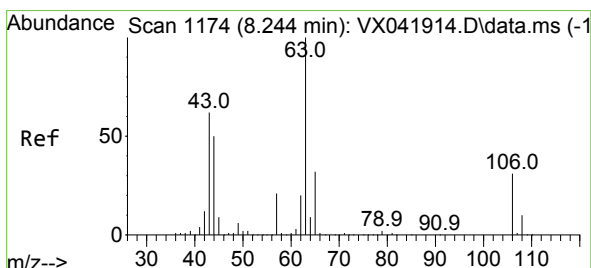
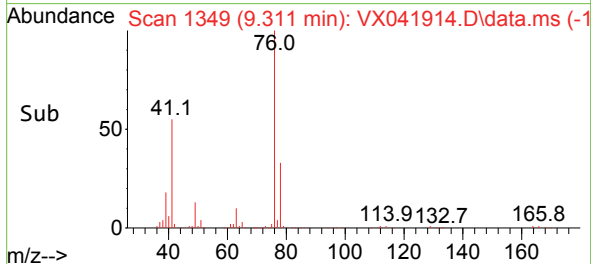
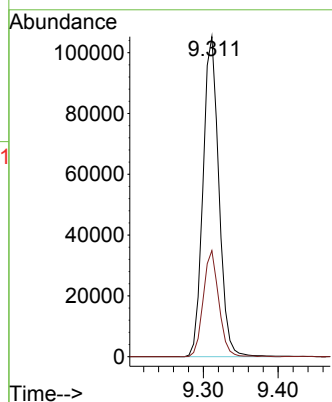
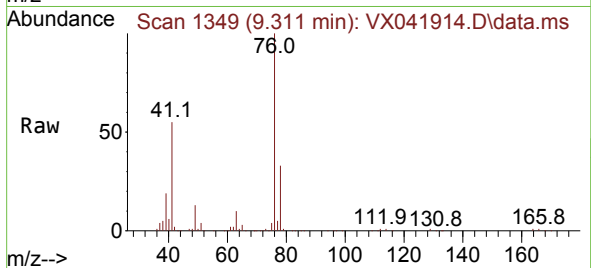
VSTDICCC050

Tgt Ion: 76 Resp: 155161

Ion Ratio Lower Upper

76 100

78 32.4 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 269.380 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX041914.D

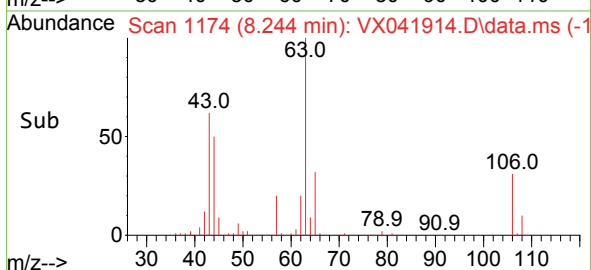
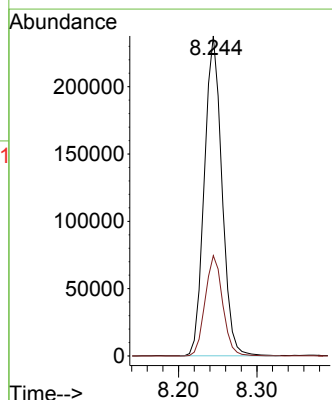
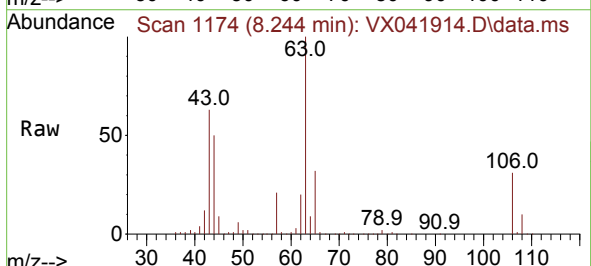
Acq: 18 Jun 2024 10:40

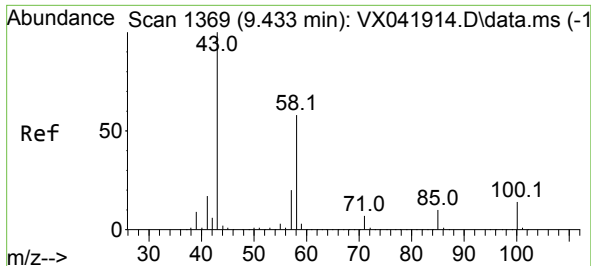
Tgt Ion: 63 Resp: 370346

Ion Ratio Lower Upper

63 100

106 31.3 22.5 33.7

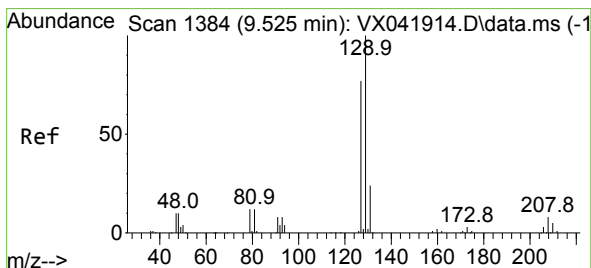
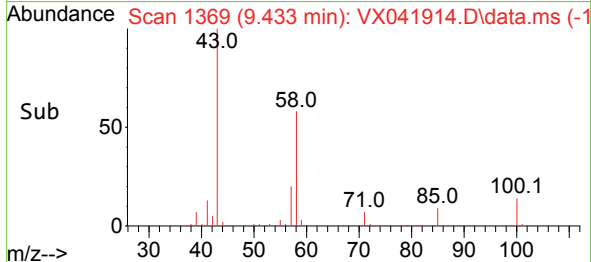
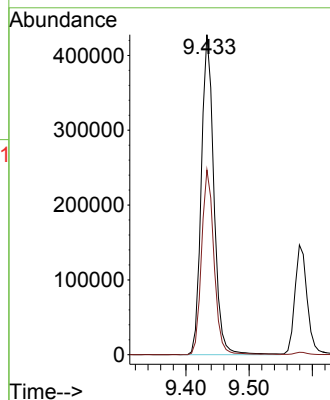
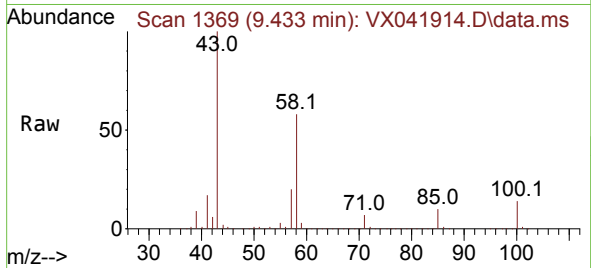




#59
2-Hexanone
Concen: 264.457 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

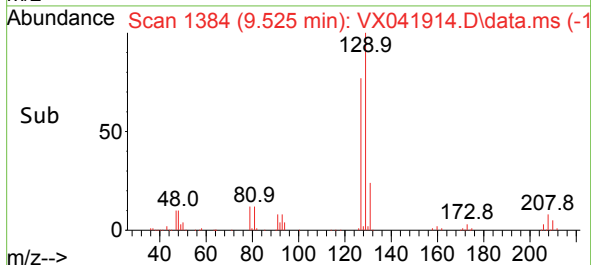
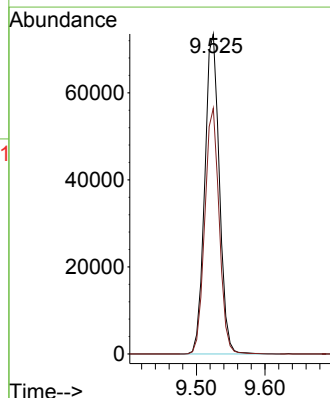
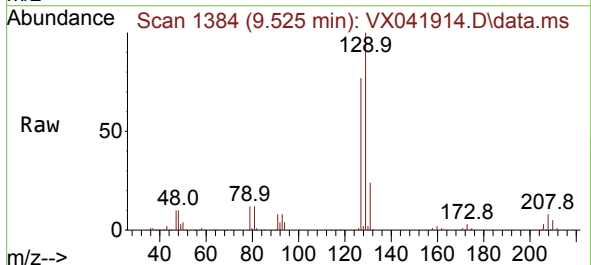
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

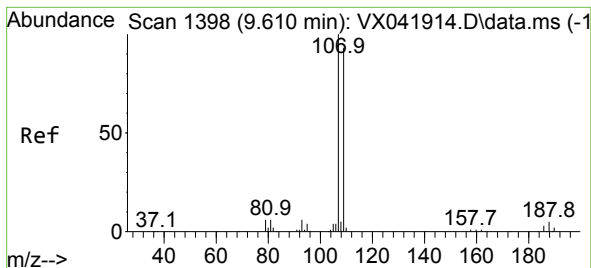
Tgt Ion: 43 Resp: 591327
Ion Ratio Lower Upper
43 100
58 57.6 26.2 78.5



#60
Dibromochloromethane
Concen: 52.845 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

Tgt Ion: 129 Resp: 108856
Ion Ratio Lower Upper
129 100
127 76.0 38.8 116.4





#61

1,2-Dibromoethane

Concen: 50.730 ug/l

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX041914.D

Acq: 18 Jun 2024 10:40

Instrument :

MSVOA_X

ClientSampleId :

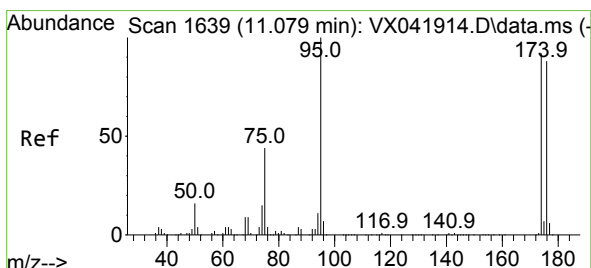
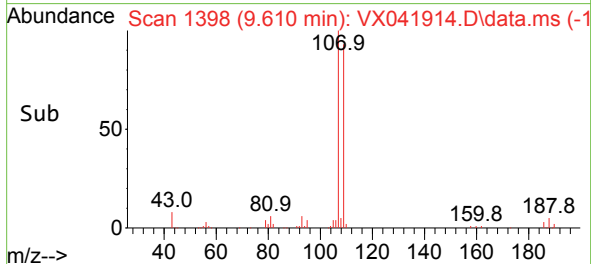
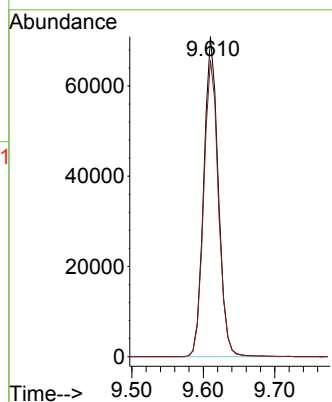
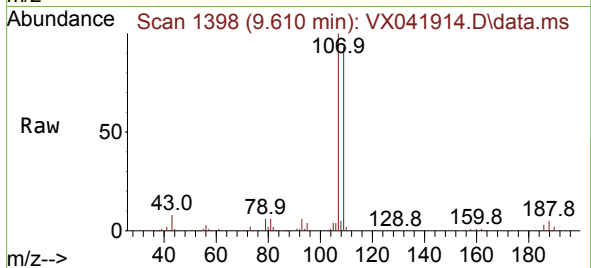
VSTDICCC050

Tgt Ion:107 Resp: 99768

Ion Ratio Lower Upper

107 100

109 94.4 75.2 112.8



#62

4-Bromofluorobenzene

Concen: 49.983 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX041914.D

Acq: 18 Jun 2024 10:40

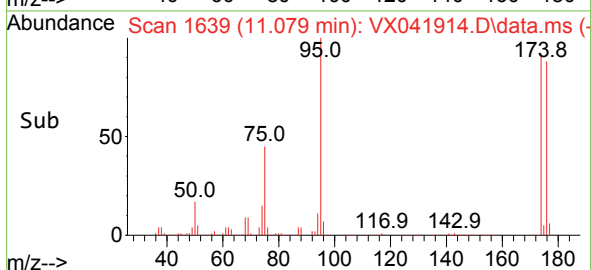
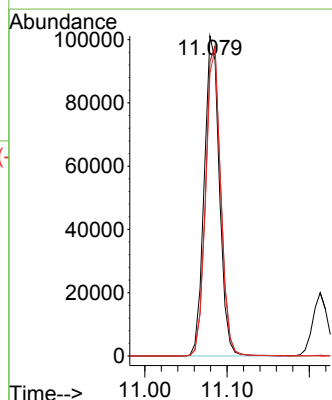
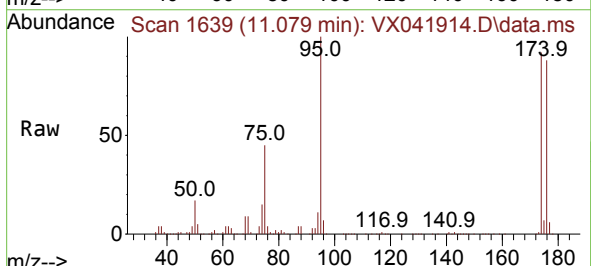
Tgt Ion: 95 Resp: 129198

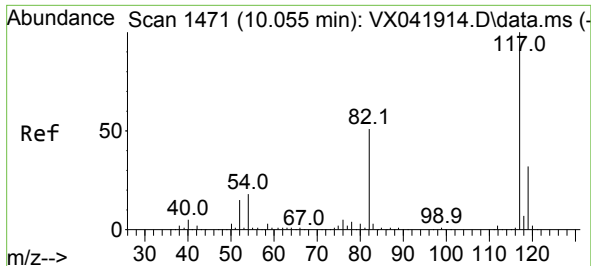
Ion Ratio Lower Upper

95 100

174 97.4 0.0 135.6

176 95.0 0.0 131.0

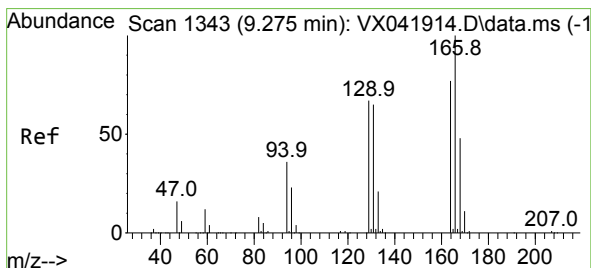
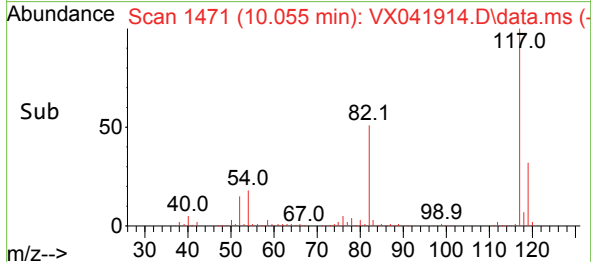
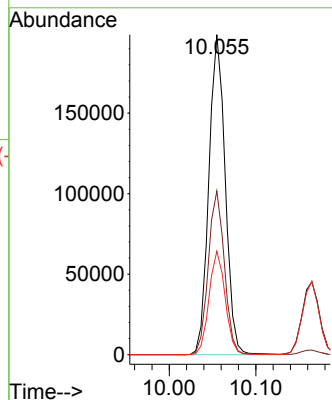
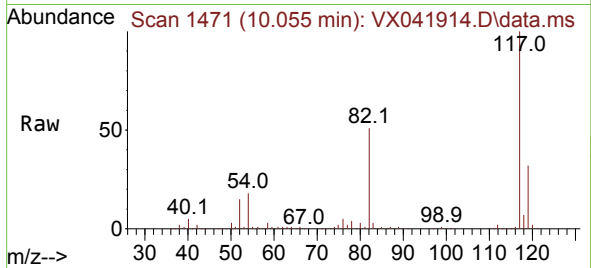




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

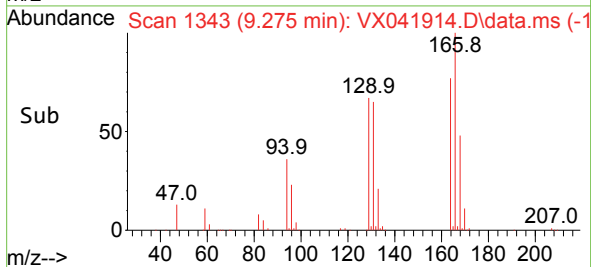
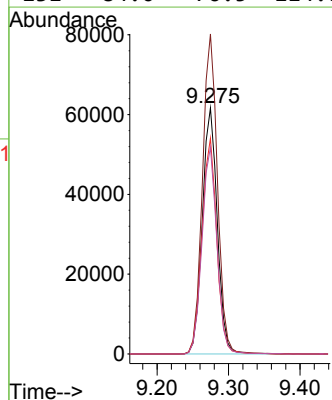
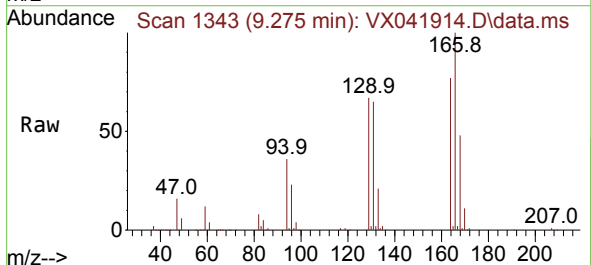
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

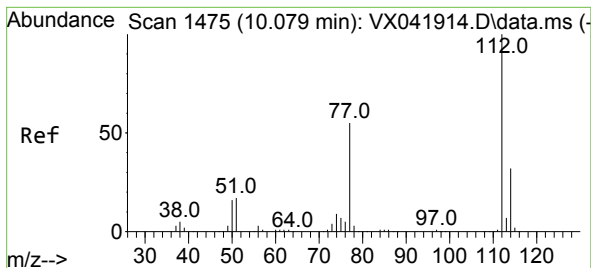
Tgt Ion:117 Resp: 260493
Ion Ratio Lower Upper
117 100
82 51.2 46.2 69.4
119 32.4 25.5 38.3



#64
Tetrachloroethene
Concen: 47.350 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

Tgt Ion:164 Resp: 89806
Ion Ratio Lower Upper
164 100
166 130.0 102.7 154.1
129 87.7 80.4 120.6
131 84.0 76.5 114.7





#65

Chlorobenzene

Concen: 48.886 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX041914.D

Acq: 18 Jun 2024 10:40

Instrument :

MSVOA_X

ClientSampleId :

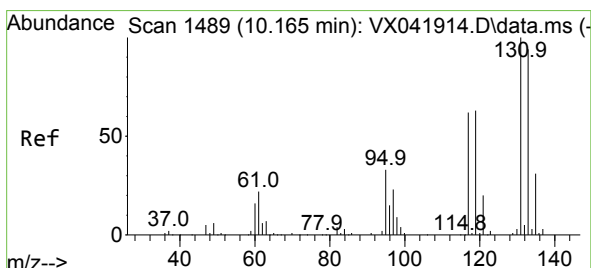
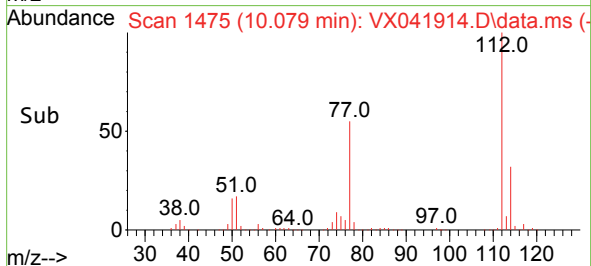
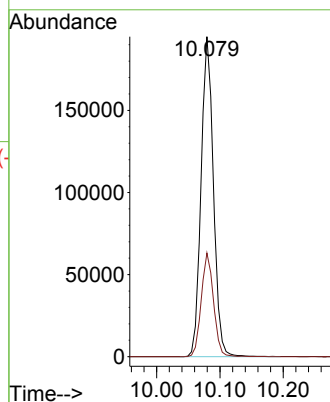
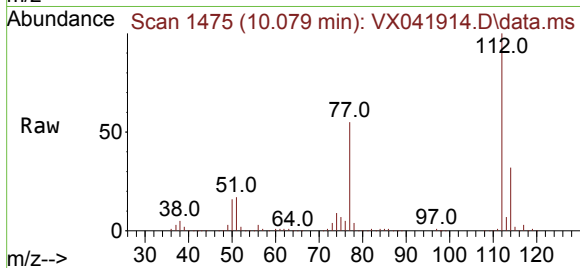
VSTDICCC050

Tgt Ion:112 Resp: 264842

Ion Ratio Lower Upper

112 100

114 32.4 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 51.443 ug/l

RT: 10.165 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VX041914.D

Acq: 18 Jun 2024 10:40

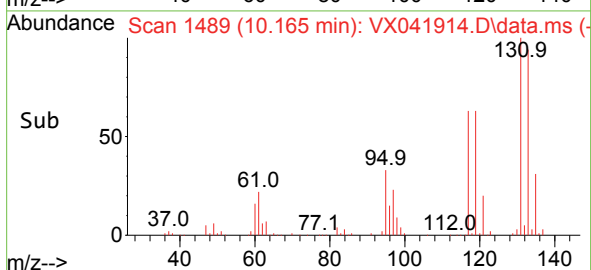
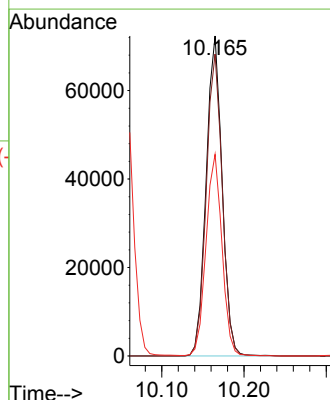
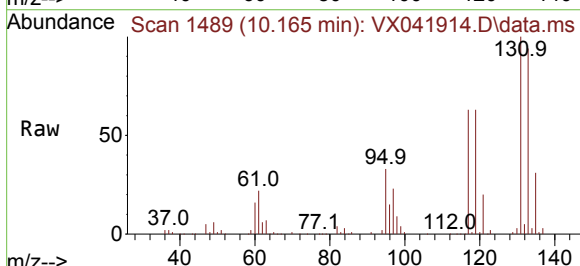
Tgt Ion:131 Resp: 97576

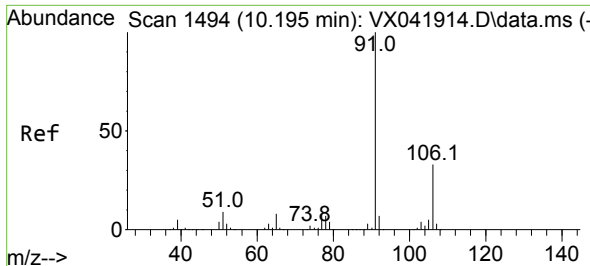
Ion Ratio Lower Upper

131 100

133 94.9 47.1 141.4

119 63.3 32.2 96.6

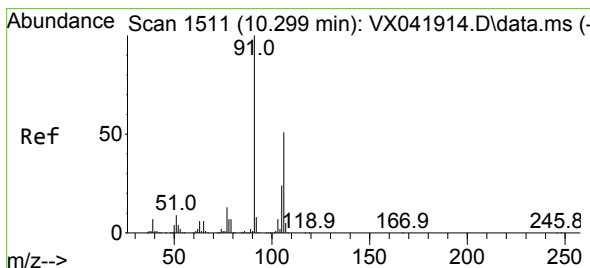
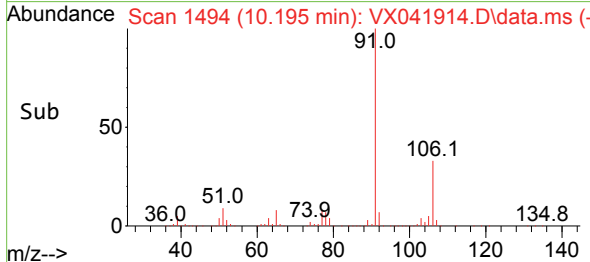
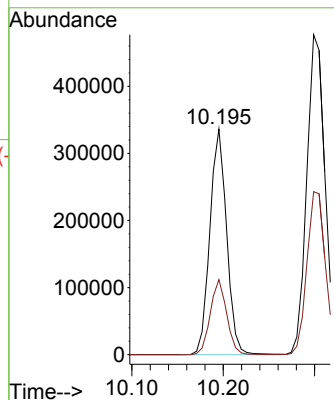
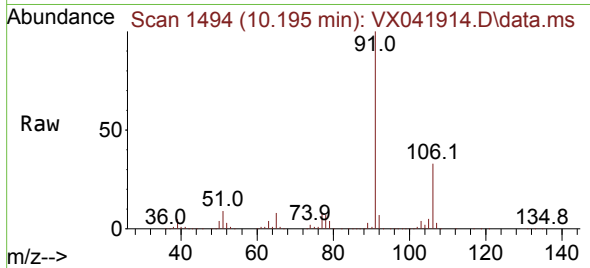




#67
Ethyl Benzene
Concen: 50.380 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

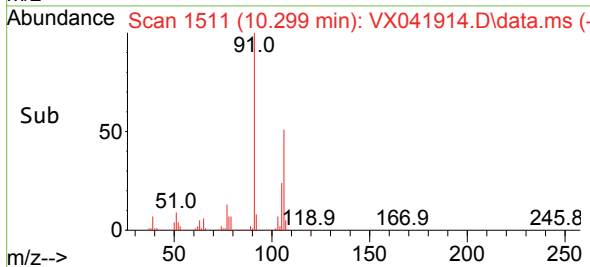
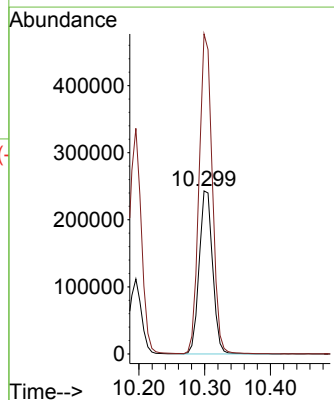
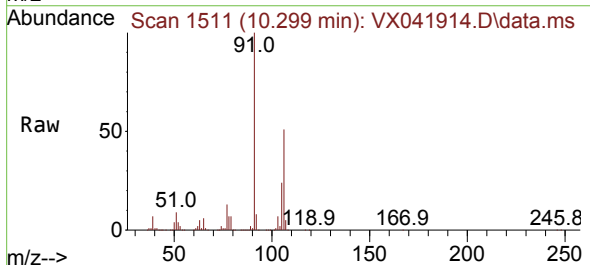
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

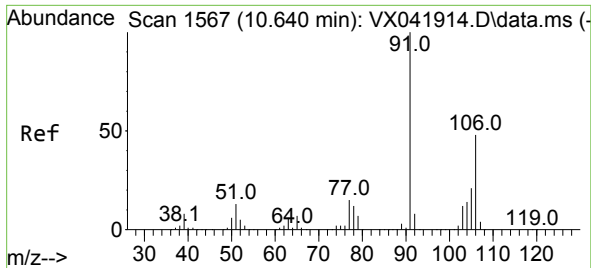
Tgt Ion: 91 Resp: 427736
Ion Ratio Lower Upper
91 100
106 33.2 24.9 37.3



#68
m/p-Xylenes
Concen: 100.316 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

Tgt Ion: 106 Resp: 343813
Ion Ratio Lower Upper
106 100
91 193.2 165.5 248.3

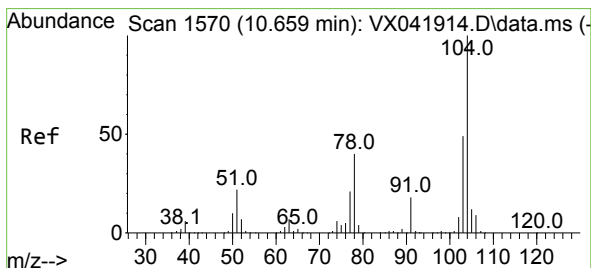
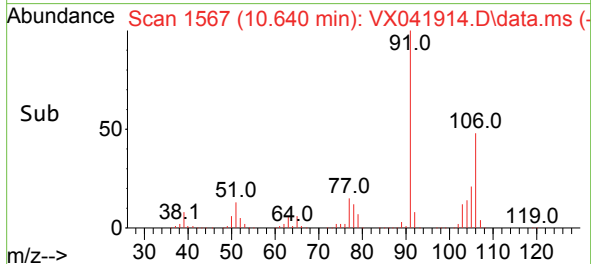
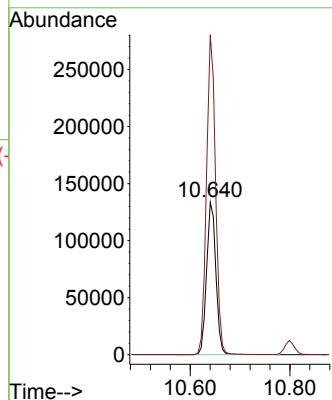
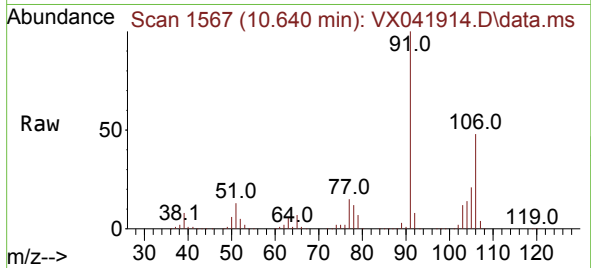




#69
o-Xylene
Concen: 50.931 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

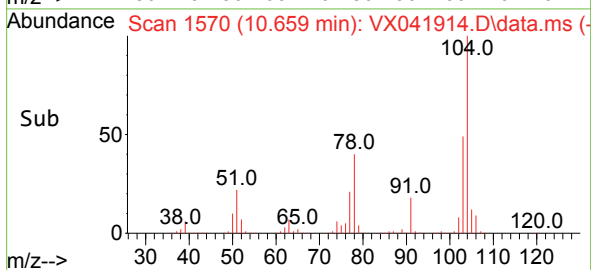
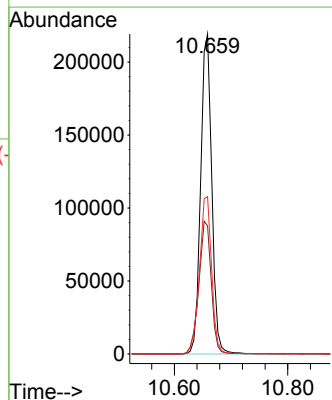
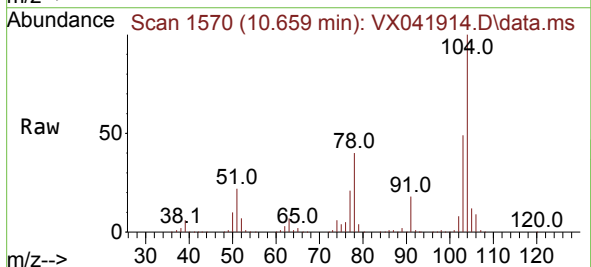
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

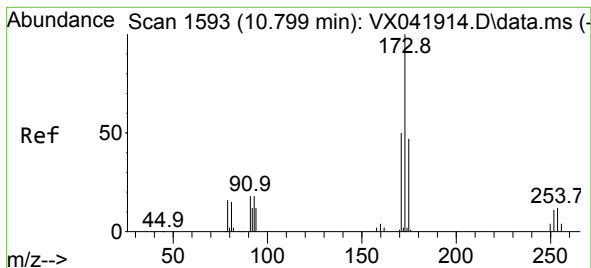
Tgt Ion:106 Resp: 172816
Ion Ratio Lower Upper
106 100
91 204.3 108.9 326.8



#70
Styrene
Concen: 52.510 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

Tgt Ion:104 Resp: 298778
Ion Ratio Lower Upper
104 100
78 46.2 43.6 65.4
103 54.1 43.6 65.4





#71

Bromoform

Concen: 49.964 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX041914.D

Acq: 18 Jun 2024 10:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

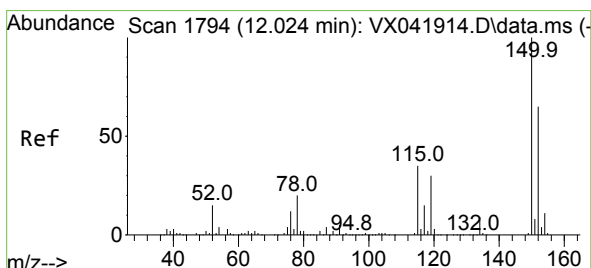
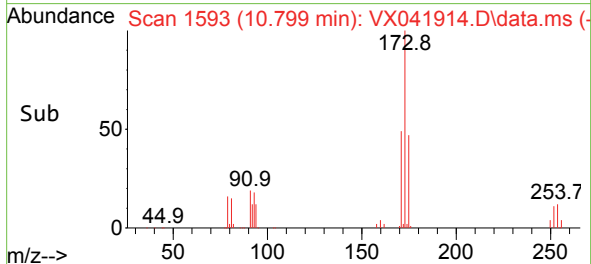
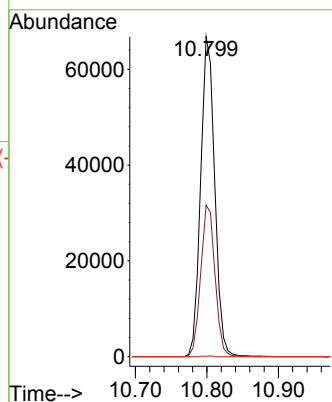
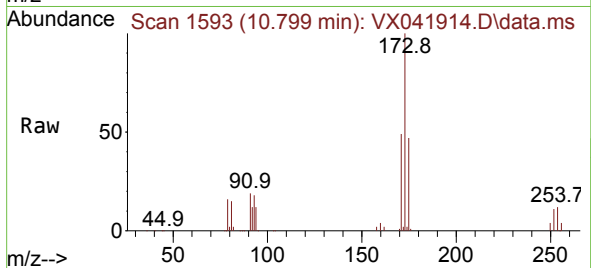
Tgt Ion:173 Resp: 91444

Ion Ratio Lower Upper

173 100

175 48.1 24.1 72.4

254 0.2 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX041914.D

Acq: 18 Jun 2024 10:40

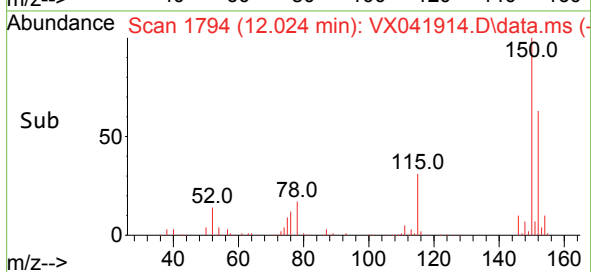
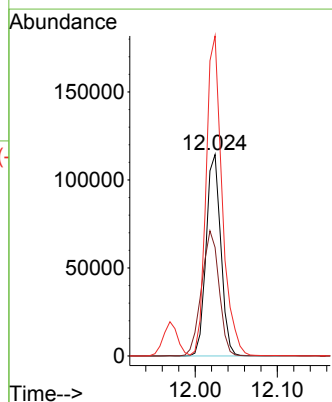
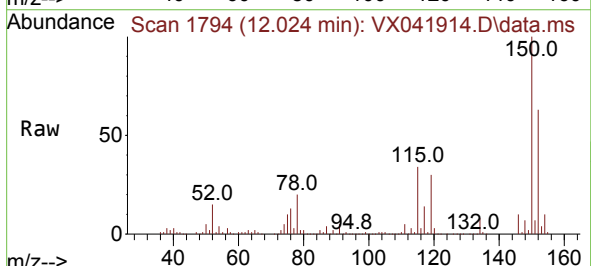
Tgt Ion:152 Resp: 142095

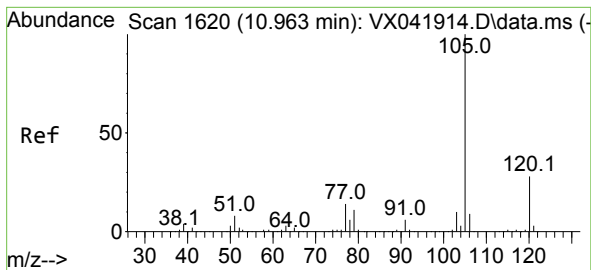
Ion Ratio Lower Upper

152 100

115 74.2 43.3 129.9

150 174.4 0.0 345.0





#73

Isopropylbenzene

Concen: 50.781 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX041914.D

Acq: 18 Jun 2024 10:40

Instrument :

MSVOA_X

ClientSampleId :

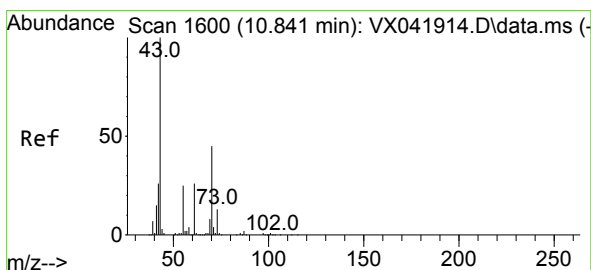
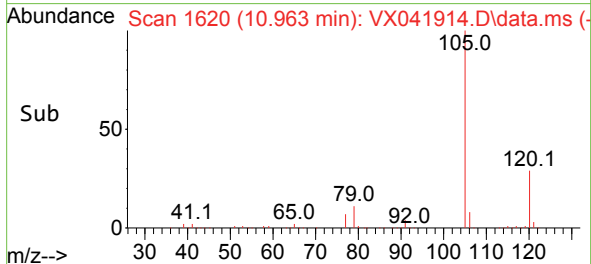
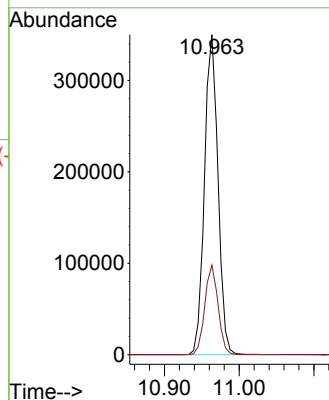
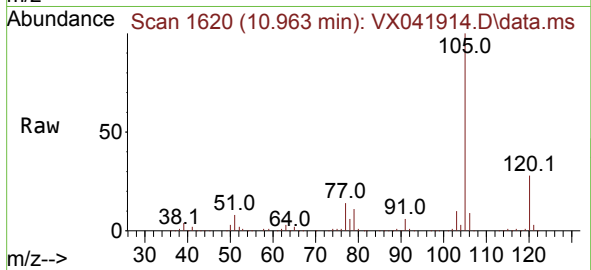
VSTDICCC050

Tgt Ion:105 Resp: 438747

Ion Ratio Lower Upper

105 100

120 27.5 12.9 38.6



#74

N-ethyl acetate

Concen: 52.014 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX041914.D

Acq: 18 Jun 2024 10:40

Tgt Ion: 43 Resp: 199620

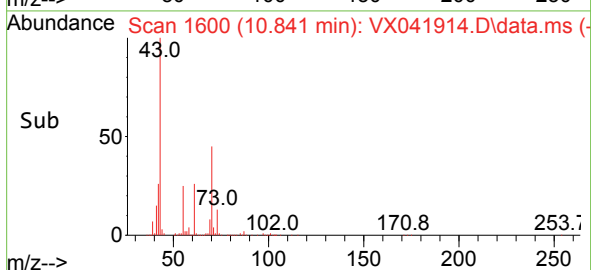
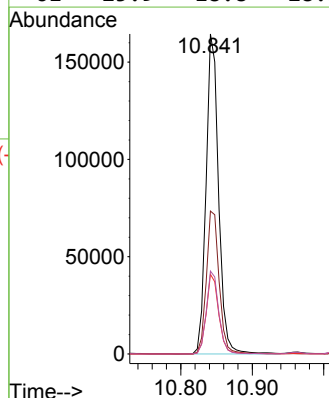
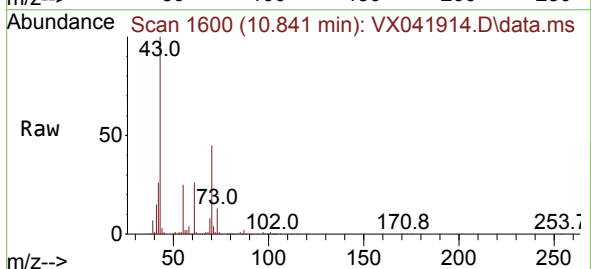
Ion Ratio Lower Upper

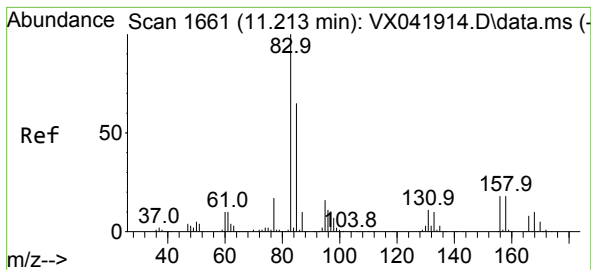
43 100

70 46.0 32.9 49.3

55 25.1 19.3 28.9

61 25.9 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 49.495 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX041914.D

Acq: 18 Jun 2024 10:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

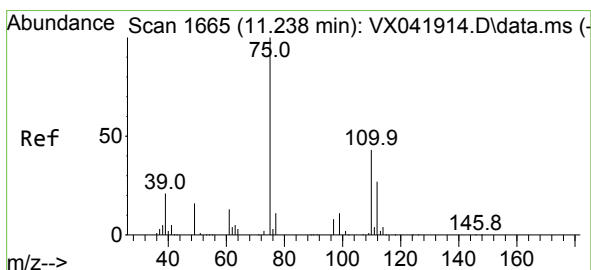
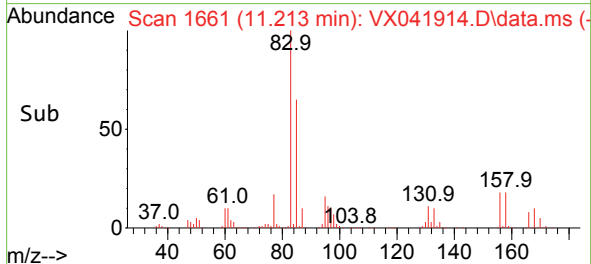
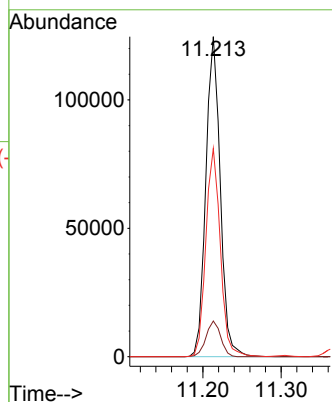
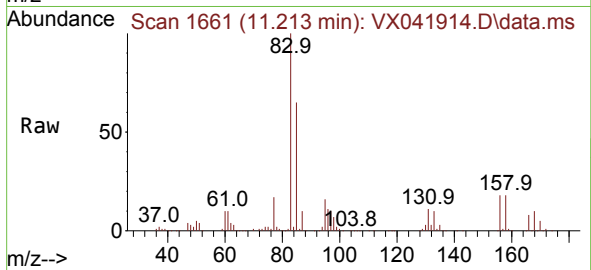
Tgt Ion: 83 Resp: 159005

Ion Ratio Lower Upper

83 100

131 11.3 5.3 15.8

85 65.4 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 65.776 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX041914.D

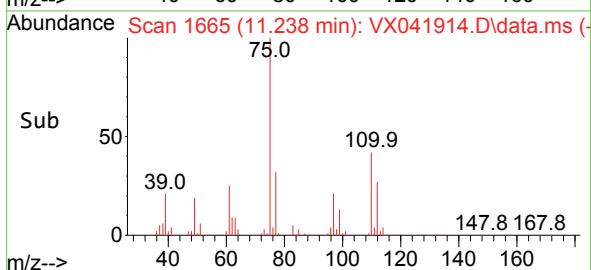
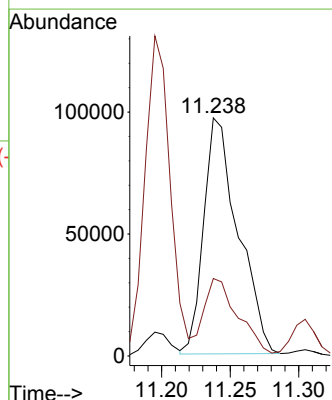
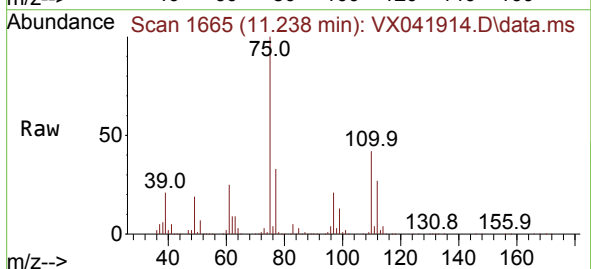
Acq: 18 Jun 2024 10:40

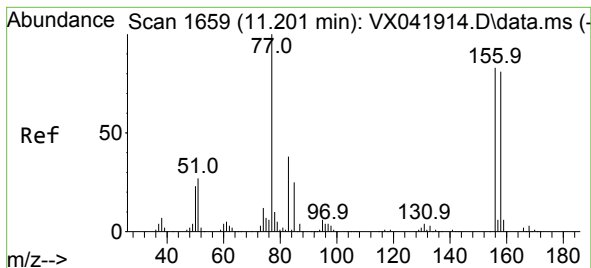
Tgt Ion: 75 Resp: 169675

Ion Ratio Lower Upper

75 100

77 33.1 19.1 57.5





#77

Bromobenzene

Concen: 50.239 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX041914.D

Acq: 18 Jun 2024 10:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

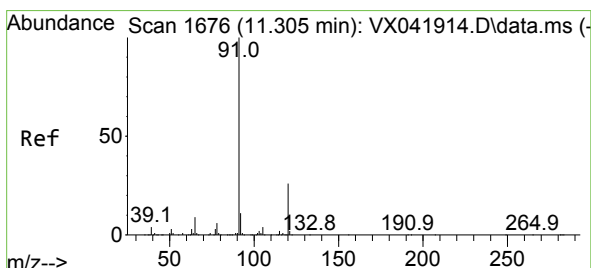
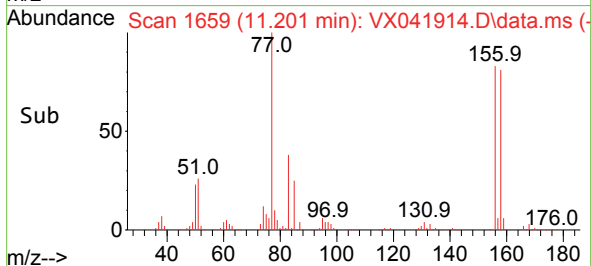
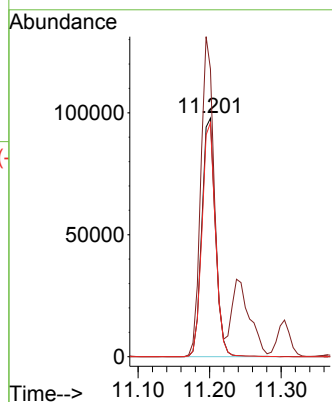
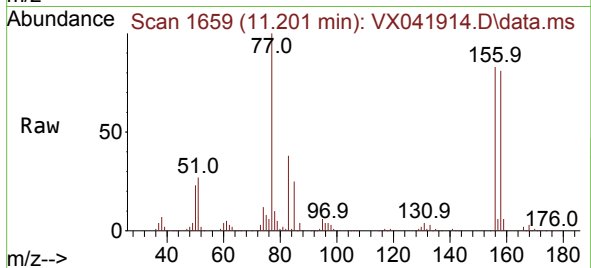
Tgt Ion:156 Resp: 129276

Ion Ratio Lower Upper

156 100

77 130.5 88.4 265.3

158 97.5 48.0 144.0



#78

n-propylbenzene

Concen: 51.654 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX041914.D

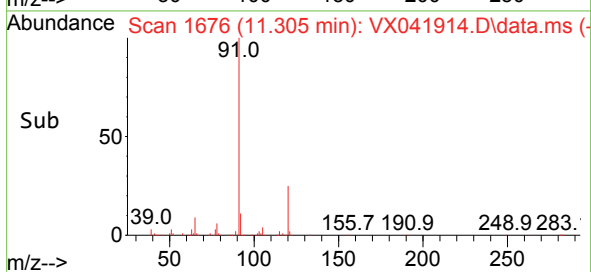
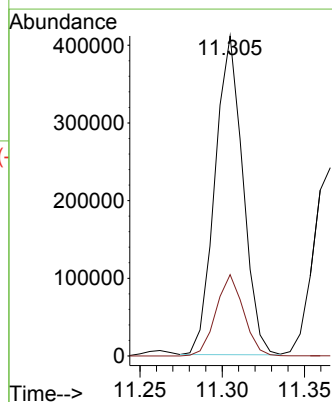
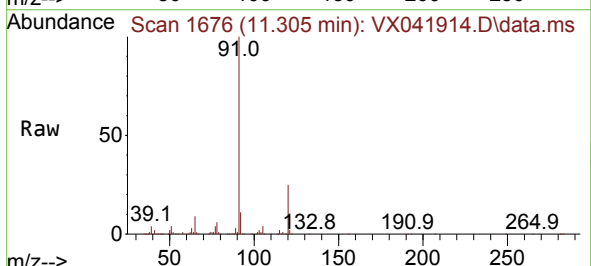
Acq: 18 Jun 2024 10:40

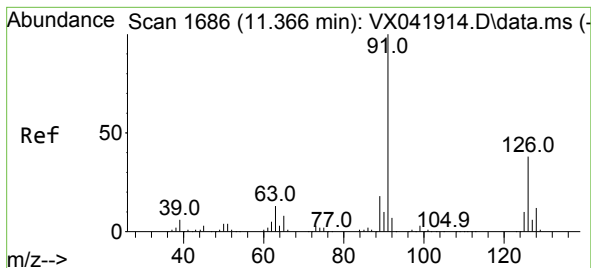
Tgt Ion: 91 Resp: 484233

Ion Ratio Lower Upper

91 100

120 25.2 11.5 34.4





#79

2-Chlorotoluene

Concen: 49.858 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX041914.D

Acq: 18 Jun 2024 10:40

Instrument :

MSVOA_X

ClientSampleId :

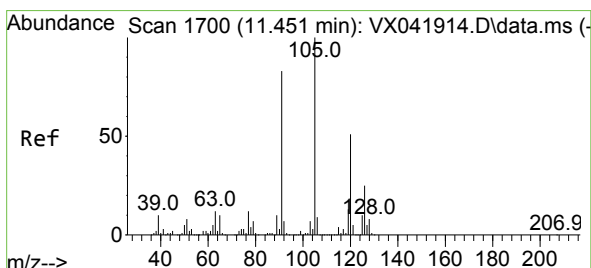
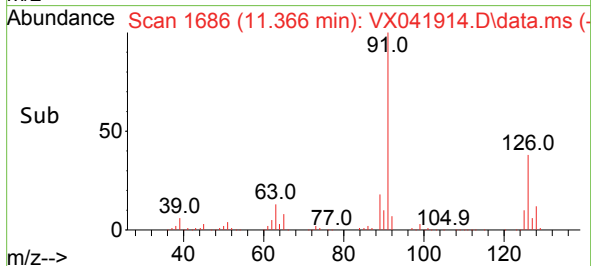
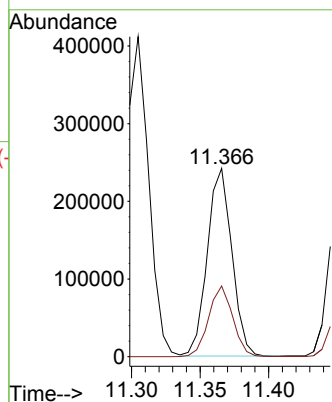
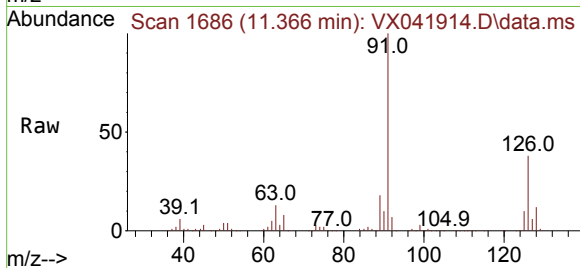
VSTDICCC050

Tgt Ion: 91 Resp: 301142

Ion Ratio Lower Upper

91 100

126 37.0 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 51.211 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX041914.D

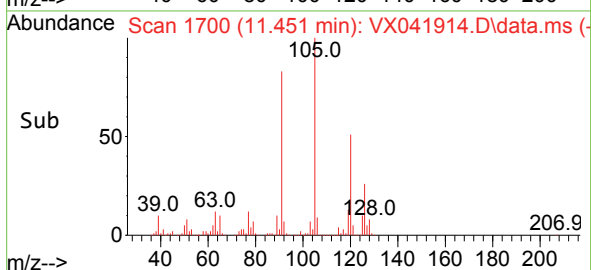
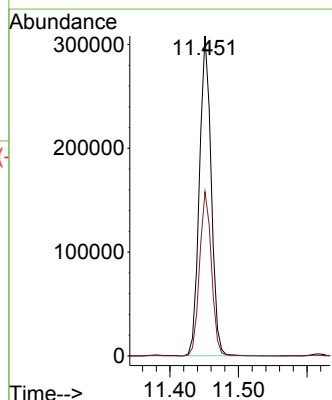
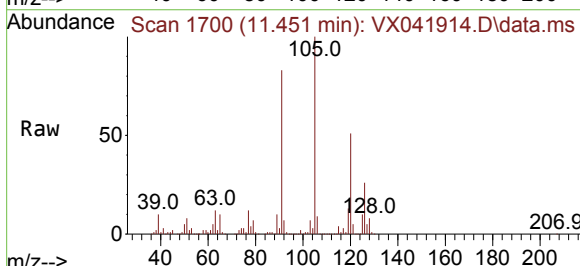
Acq: 18 Jun 2024 10:40

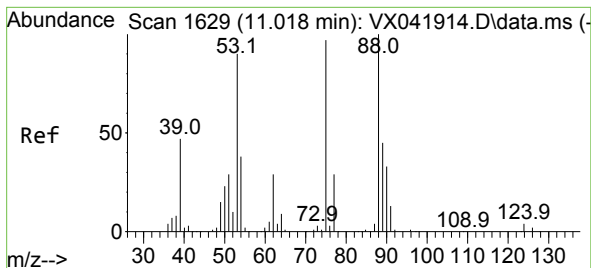
Tgt Ion: 105 Resp: 368536

Ion Ratio Lower Upper

105 100

120 52.0 24.1 72.3

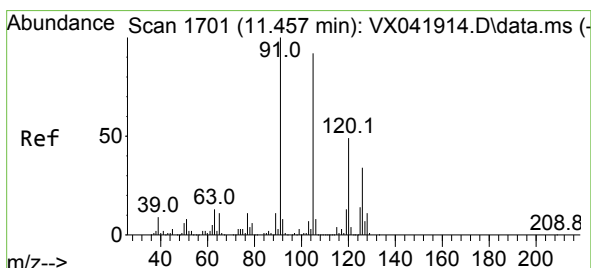
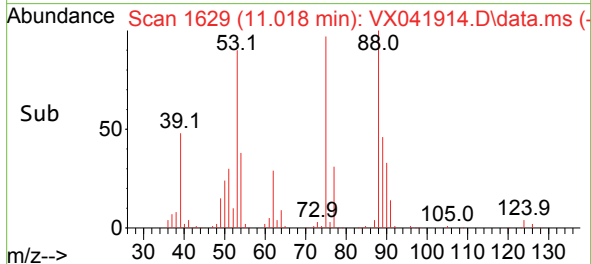
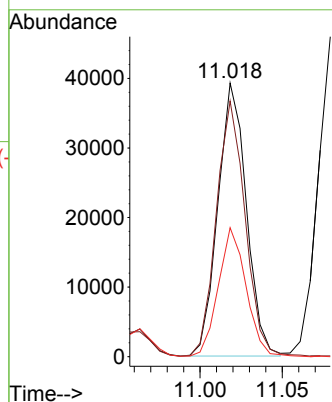
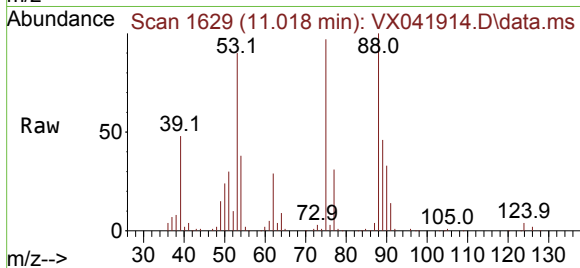




#81
trans-1,4-Dichloro-2-butene
Concen: 52.178 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

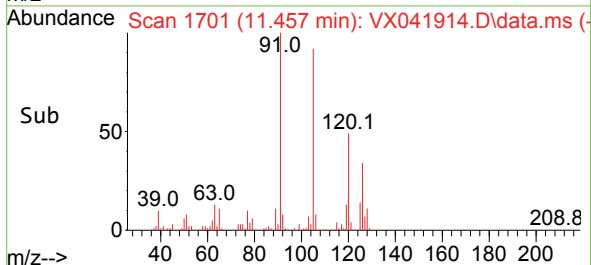
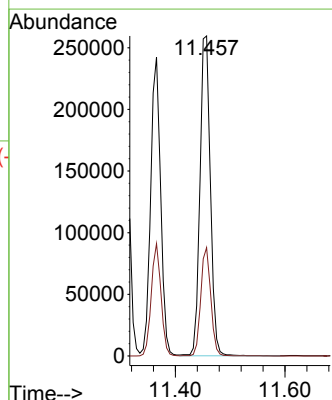
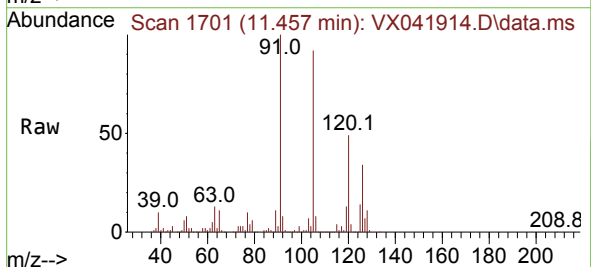
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

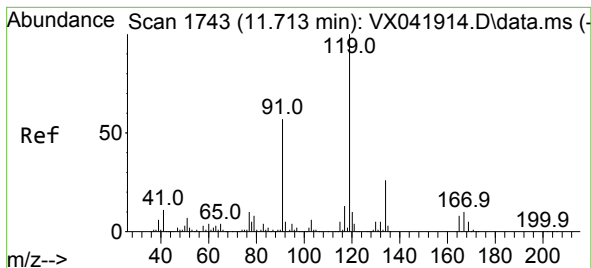
Tgt Ion: 75 Resp: 47395
Ion Ratio Lower Upper
75 100
53 95.1 90.5 135.7
89 46.2 36.9 55.3



#82
4-Chlorotoluene
Concen: 51.435 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

Tgt Ion: 91 Resp: 343422
Ion Ratio Lower Upper
91 100
126 32.4 14.2 42.6





#83

tert-Butylbenzene

Concen: 51.157 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX041914.D

Acq: 18 Jun 2024 10:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

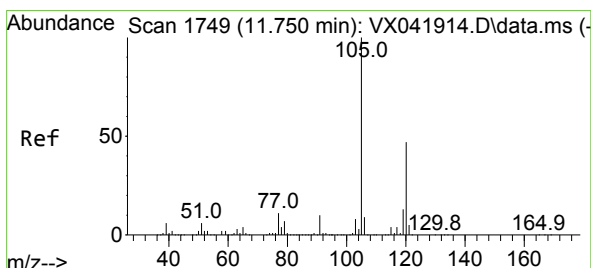
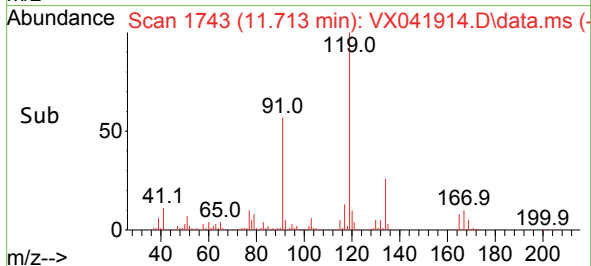
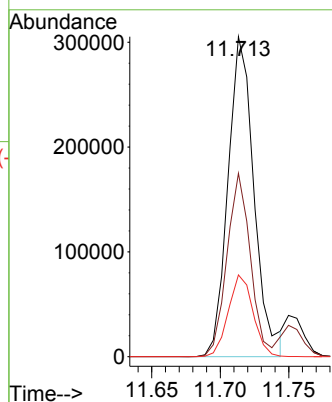
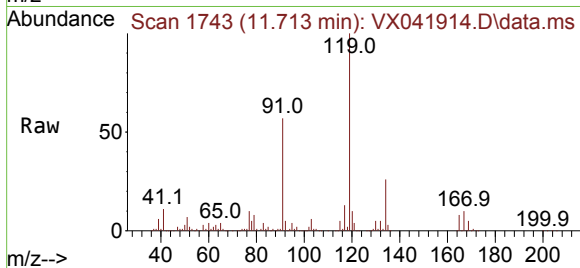
Tgt Ion:119 Resp: 403958

Ion Ratio Lower Upper

119 100

91 51.6 31.2 93.6

134 24.4 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 52.076 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX041914.D

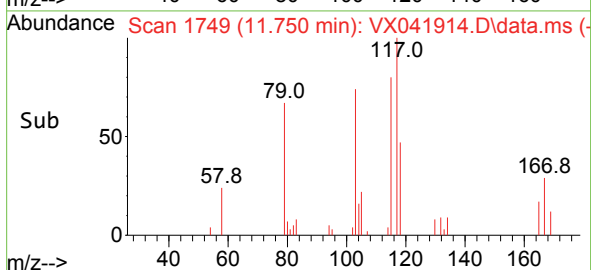
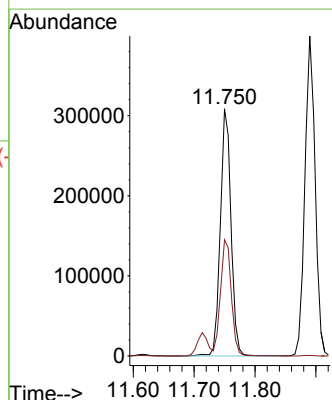
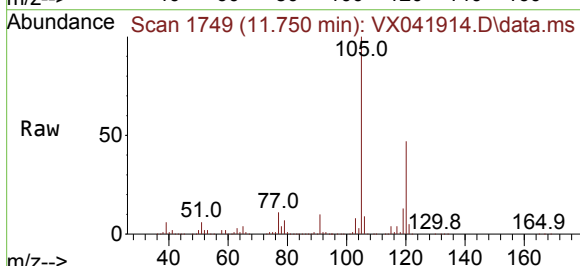
Acq: 18 Jun 2024 10:40

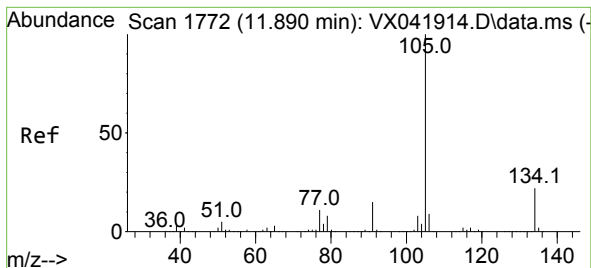
Tgt Ion:105 Resp: 375981

Ion Ratio Lower Upper

105 100

120 47.5 21.2 63.6





#85

sec-Butylbenzene

Concen: 52.047 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX041914.D

Acq: 18 Jun 2024 10:40

Instrument :

MSVOA_X

ClientSampleId :

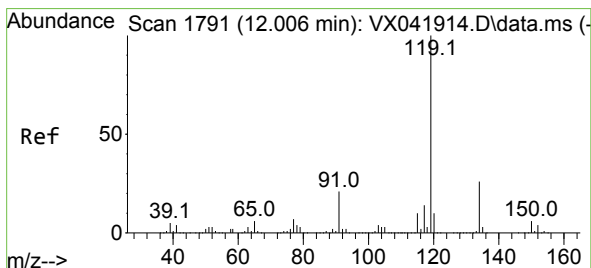
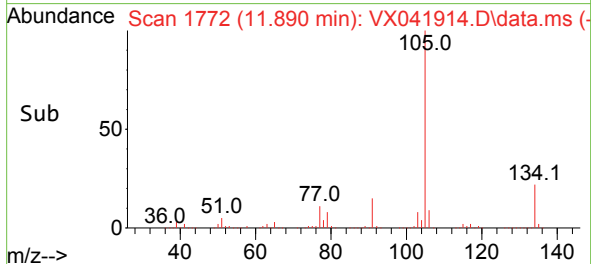
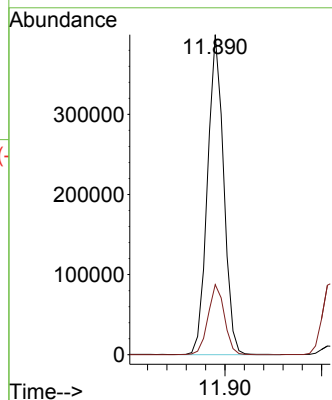
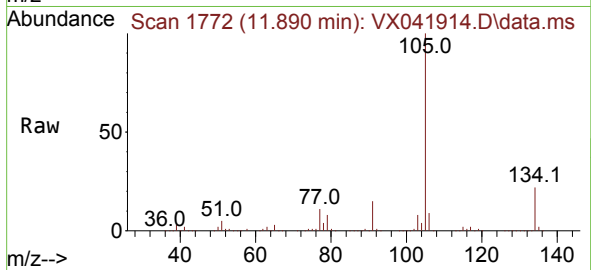
VSTDICCC050

Tgt Ion:105 Resp: 464851

Ion Ratio Lower Upper

105 100

134 22.1 9.8 29.4



#86

p-Isopropyltoluene

Concen: 52.321 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VX041914.D

Acq: 18 Jun 2024 10:40

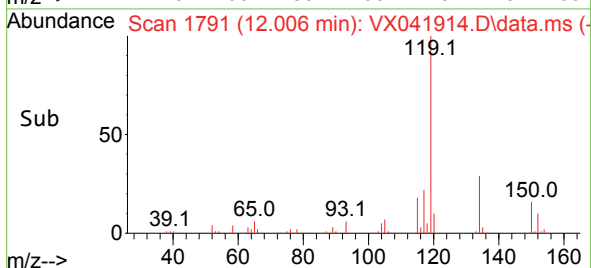
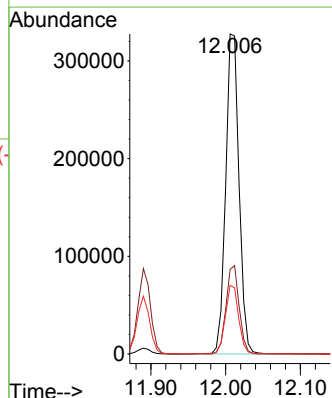
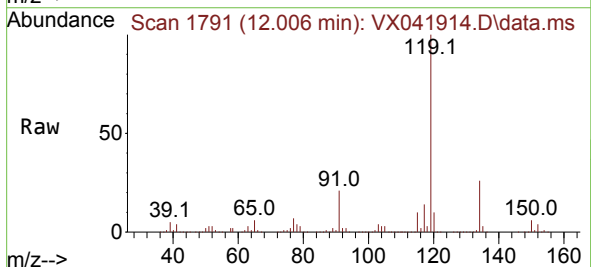
Tgt Ion:119 Resp: 408207

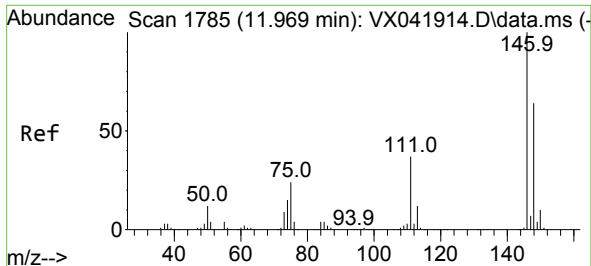
Ion Ratio Lower Upper

119 100

134 27.2 12.8 38.3

91 21.2 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 50.669 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX041914.D

Acq: 18 Jun 2024 10:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

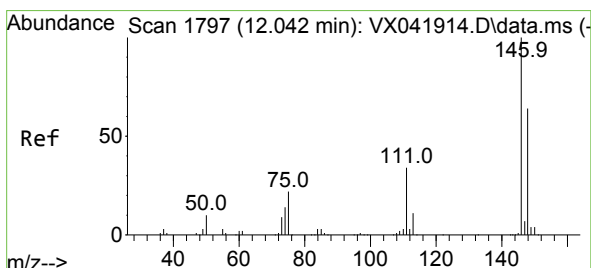
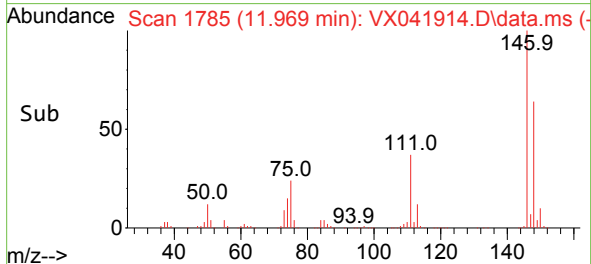
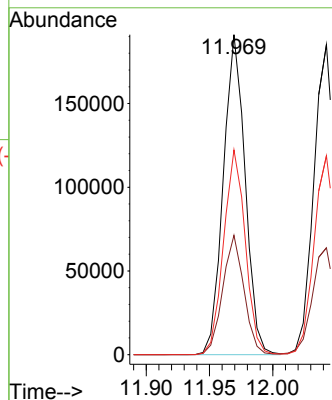
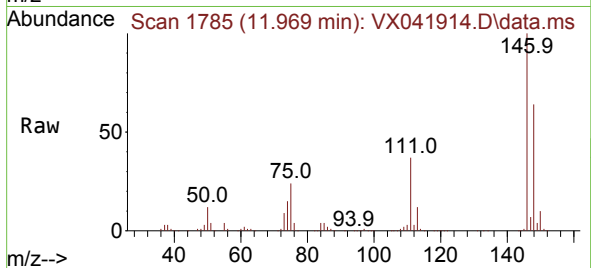
Tgt Ion:146 Resp: 229174

Ion Ratio Lower Upper

146 100

111 36.4 22.1 66.1

148 63.5 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 49.471 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX041914.D

Acq: 18 Jun 2024 10:40

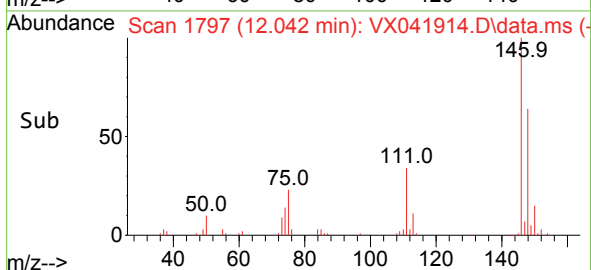
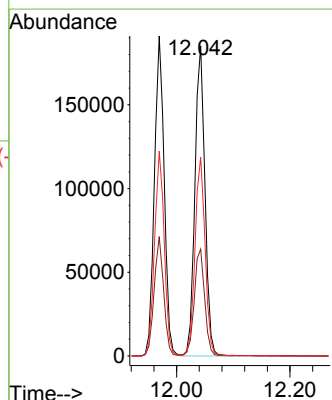
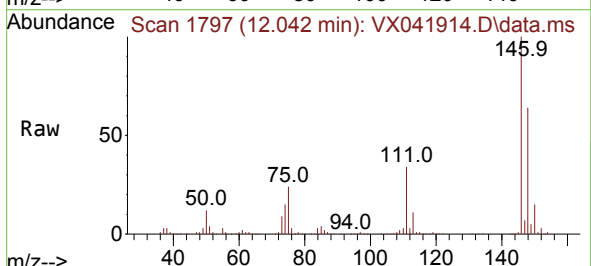
Tgt Ion:146 Resp: 229043

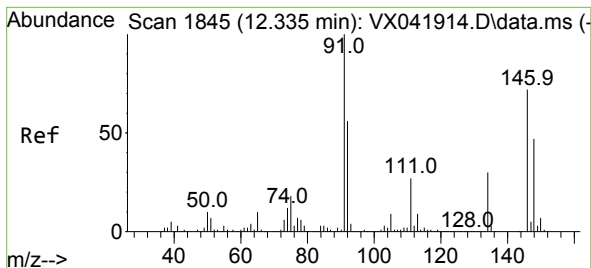
Ion Ratio Lower Upper

146 100

111 35.6 21.3 63.7

148 64.1 31.8 95.4





#89

n-Butylbenzene

Concen: 52.499 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX041914.D

Acq: 18 Jun 2024 10:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

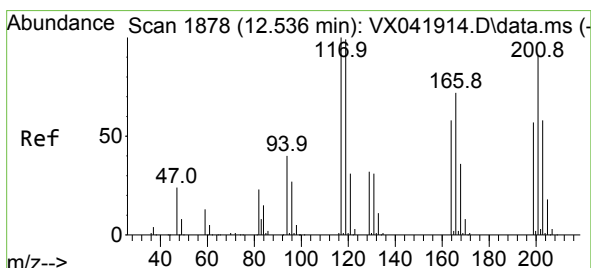
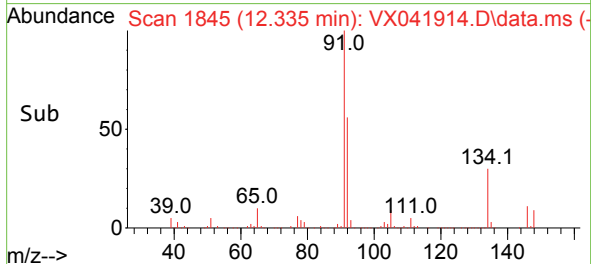
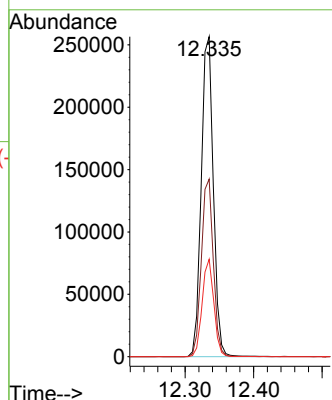
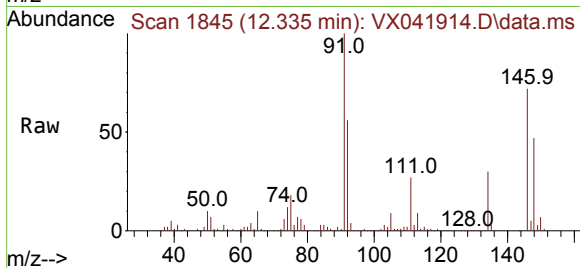
Tgt Ion: 91 Resp: 315296

Ion Ratio Lower Upper

91 100

92 55.1 27.4 82.0

134 29.5 12.6 37.8



#90

Hexachloroethane

Concen: 51.328 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX041914.D

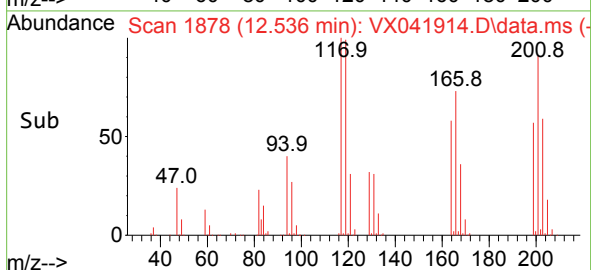
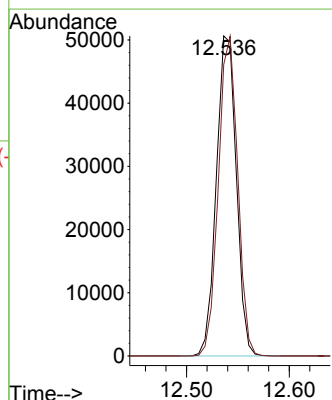
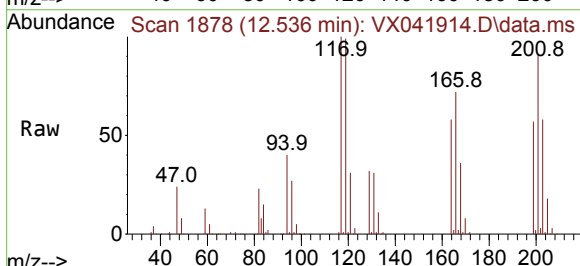
Acq: 18 Jun 2024 10:40

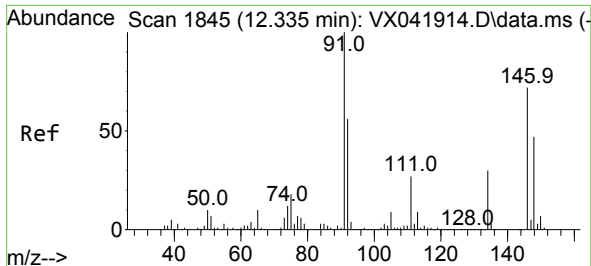
Tgt Ion: 117 Resp: 68179

Ion Ratio Lower Upper

117 100

201 96.7 32.9 98.6

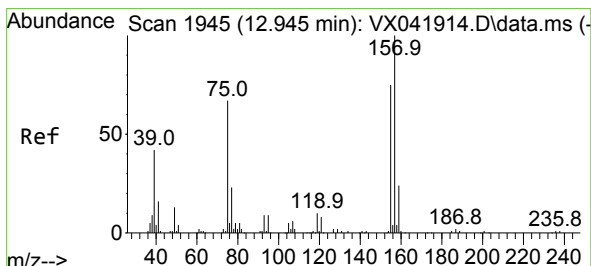
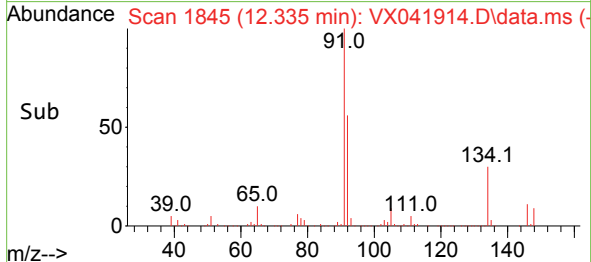
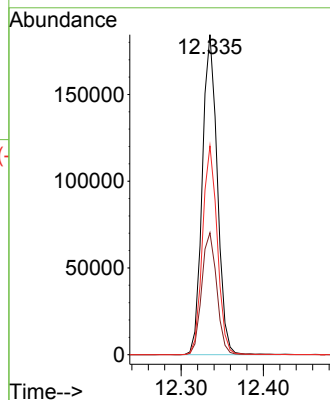
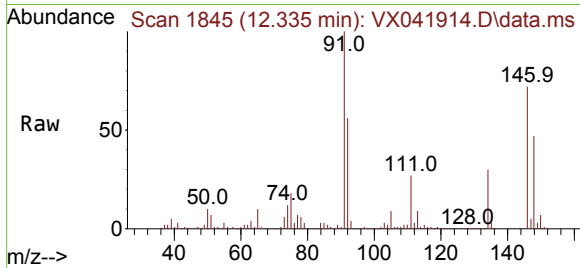




#91
1,2-Dichlorobenzene
Concen: 50.484 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

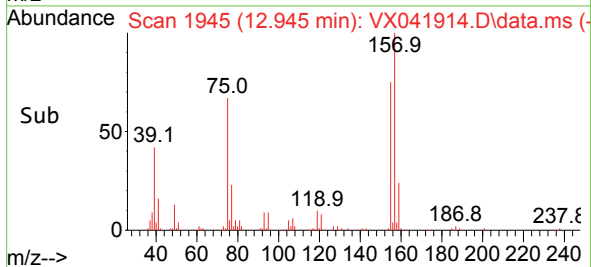
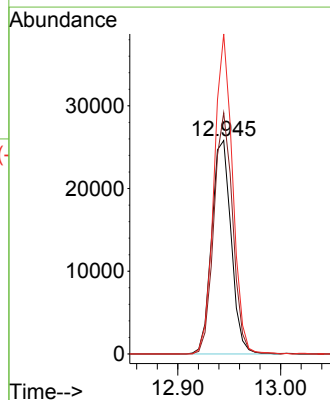
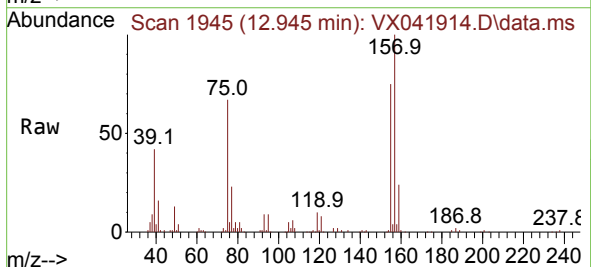
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

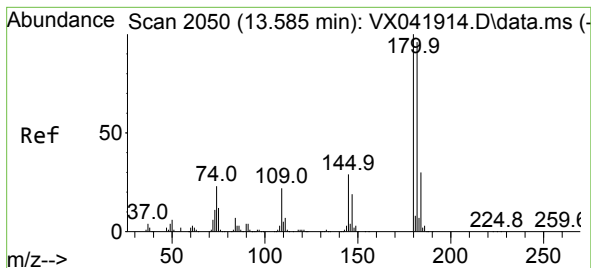
Tgt Ion:146 Resp: 233647
Ion Ratio Lower Upper
146 100
111 38.2 22.4 67.0
148 64.3 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.231 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

Tgt Ion: 75 Resp: 33889
Ion Ratio Lower Upper
75 100
155 109.3 36.1 108.5#
157 141.7 44.9 134.7#





#93

1,2,4-Trichlorobenzene

Concen: 52.054 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX041914.D

Acq: 18 Jun 2024 10:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

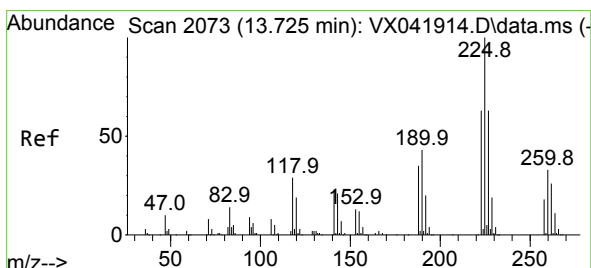
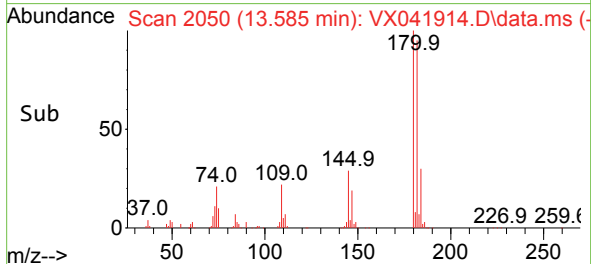
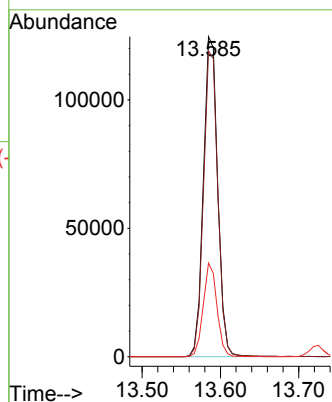
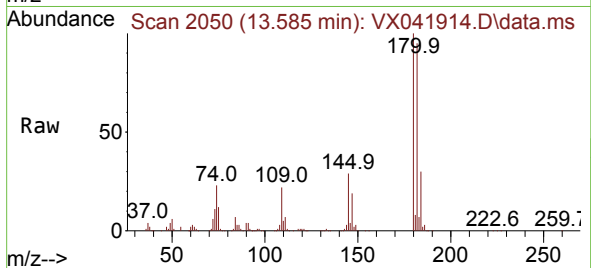
Tgt Ion:180 Resp: 157819

Ion Ratio Lower Upper

180 100

182 95.6 48.3 144.8

145 28.1 18.0 54.0



#94

Hexachlorobutadiene

Concen: 49.512 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX041914.D

Acq: 18 Jun 2024 10:40

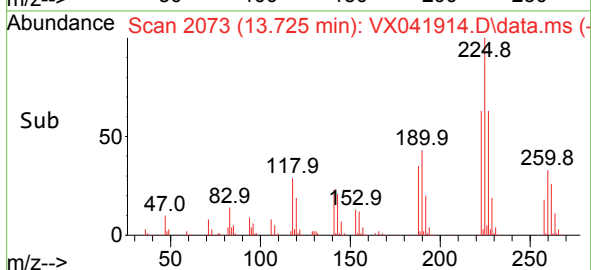
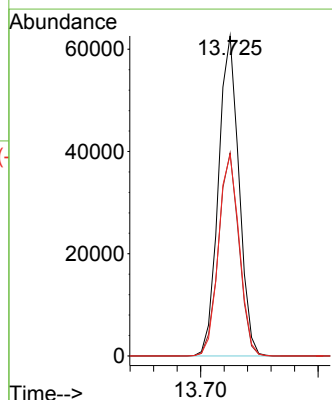
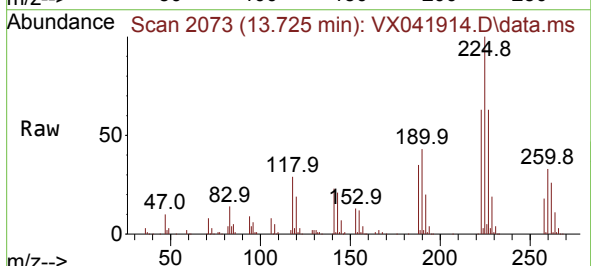
Tgt Ion:225 Resp: 75907

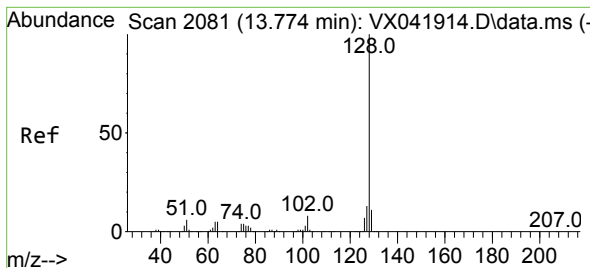
Ion Ratio Lower Upper

225 100

223 63.2 31.1 93.2

227 63.7 32.5 97.5

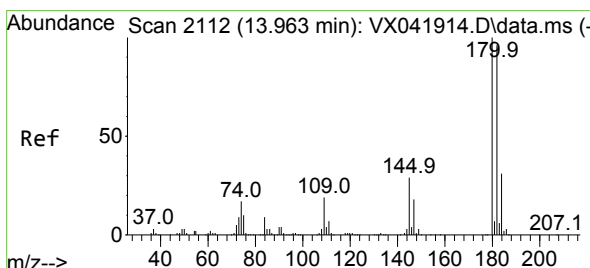
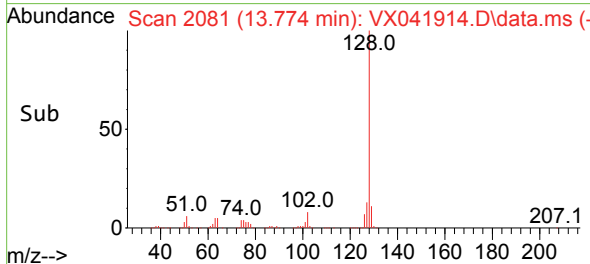
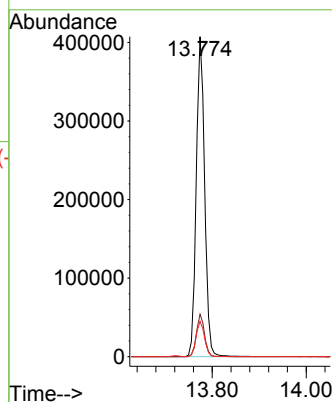
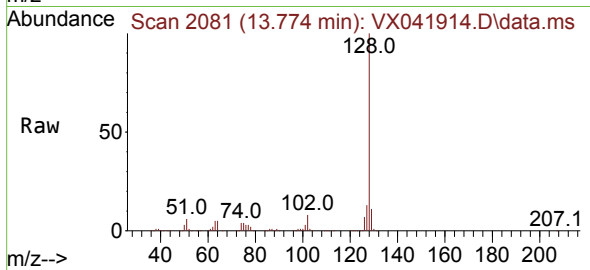




#95
Naphthalene
Concen: 49.999 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 509374
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 52.083 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

Tgt Ion:180 Resp: 166540
Ion Ratio Lower Upper
180 100
182 95.4 46.9 140.6
145 29.4 17.8 53.5

