

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060921\
 Data File : VX022614.D
 Acq On : 09 Jun 2021 15:21
 Operator : JC/MD
 Sample : M2652-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 10 05:42:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 07 14:27:50 2021
 Response via : Initial Calibration

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

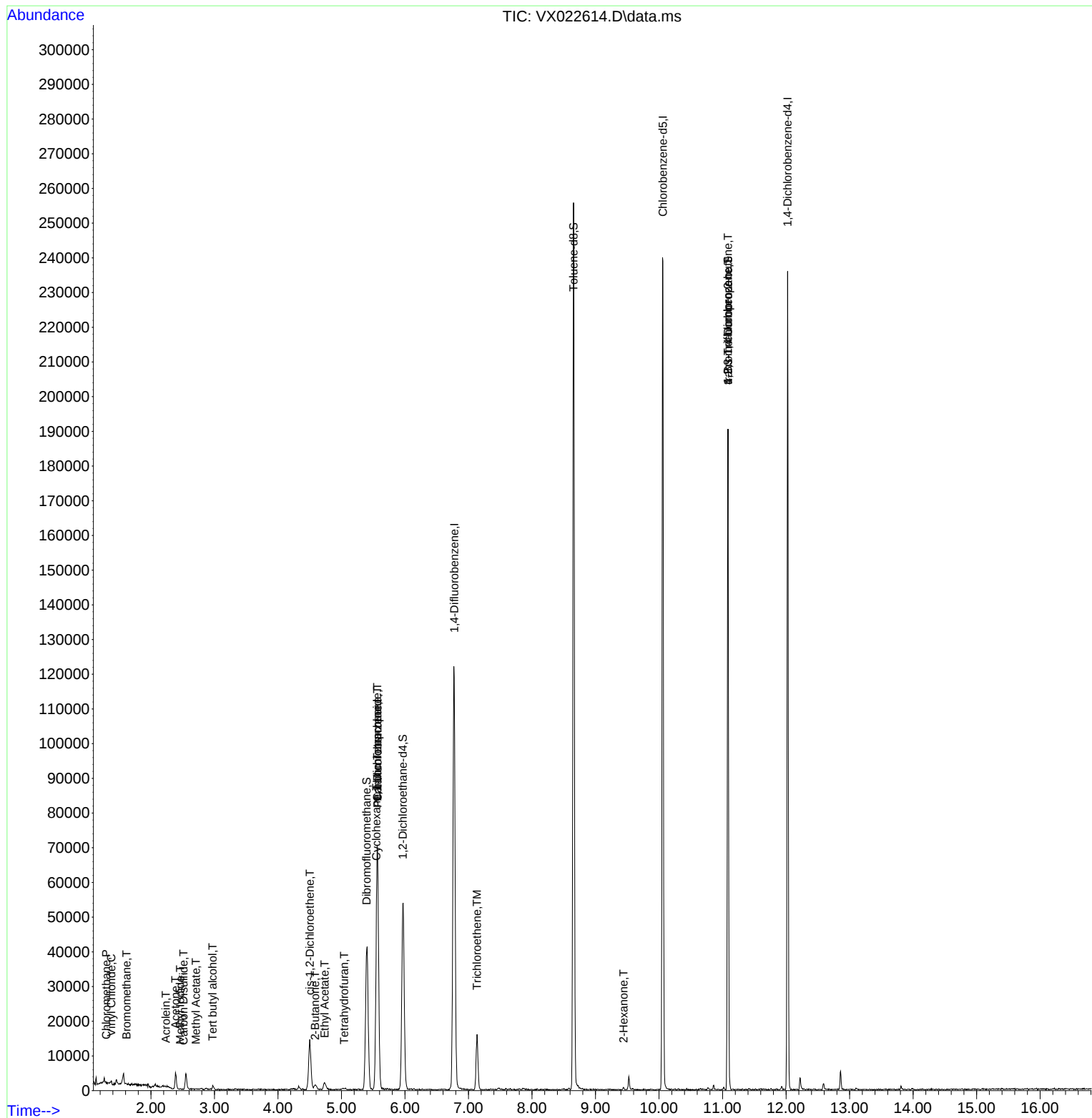
Internal Standards						
1) Pentafluorobenzene	5.568	168	59326	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.775	114	120549	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	105491	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	41508	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	50815	48.18	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.36%
35) Dibromofluoromethane	5.397	113	35206	46.68	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.36%
50) Toluene-d8	8.653	98	145952	48.50	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.00%
62) 4-Bromofluorobenzene	11.085	95	51148	45.73	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.46%
Target Compounds						
						Qvalue
3) Chloromethane	1.294	50	179	0.21	ug/l	88
4) Vinyl Chloride	1.374	62	579	0.71	ug/l	99
5) Bromomethane	1.617	94	154	0.36	ug/l	97
10) Methyl Iodide	2.459	142	176	0.21	ug/l	# 42
11) Tert butyl alcohol	2.971	59	929	3.93	ug/l	# 81
13) Acrolein	2.233	56	25	3.34	ug/l	# 14
16) Acetone	2.386	43	4919	10.38	ug/l	94
17) Carbon Disulfide	2.514	76	26	3.40	ug/l	# 75
18) Methyl Acetate	2.709	43	293	0.22	ug/l	# 47
25) 2-Butanone	4.586	43	2121	2.71	ug/l	# 77
27) cis-1,2-Dichloroethene	4.501	96	8087	8.13	ug/l	94
29) Tetrahydrofuran	5.044	42	347	0.75	ug/l	# 53
31) Cyclohexane	5.550	56	1912	1.53	ug/l	# 43
36) 1,1-Dichloropropene	5.562	75	5913	5.07	ug/l	# 48
37) Ethyl Acetate	4.733	43	3764	2.52	ug/l	# 91
38) Carbon Tetrachloride	5.562	117	6527	7.86	ug/l	# 15
44) Trichloroethene	7.135	130	5284	6.22	ug/l	76
59) 2-Hexanone	9.439	43	471	0.41	ug/l	63
76) 1,2,3-Trichloropropane	11.085	75	27412	25.49	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	27412	62.97	ug/l	# 12

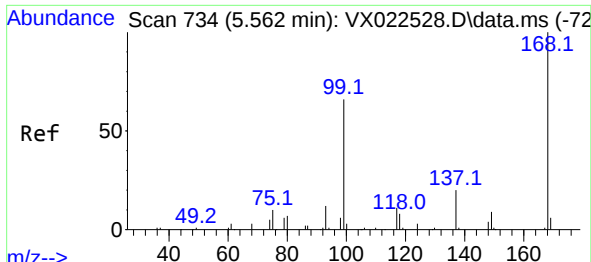
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
ClientSampleId :

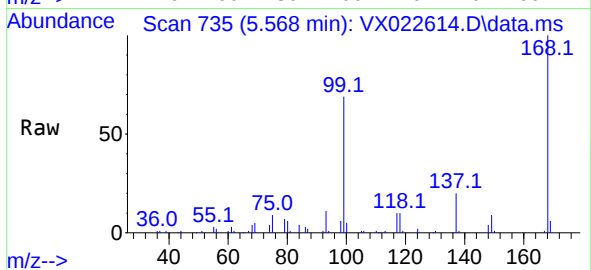
Quant Time: Jun 10 05:42:52 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060721W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 07 14:27:50 2021
Response via : Initial Calibration



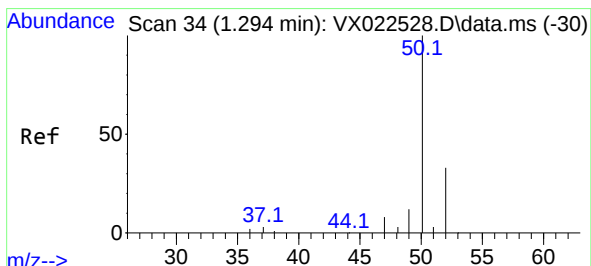
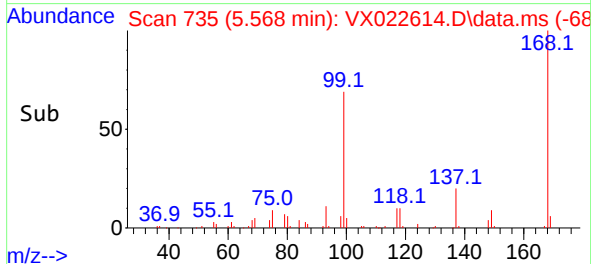
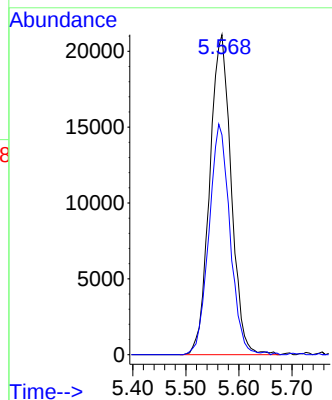


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.006 min
Lab File: VX022614.D
Acq: 09 Jun 2021 15:21

Instrument :
MSVOA_X
ClientSampleId :

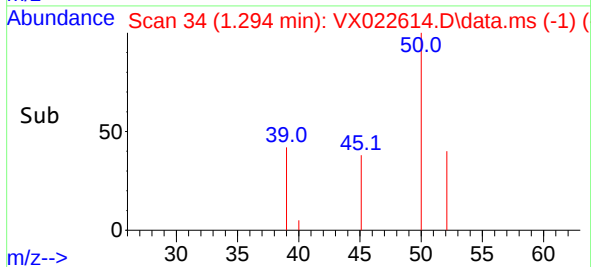
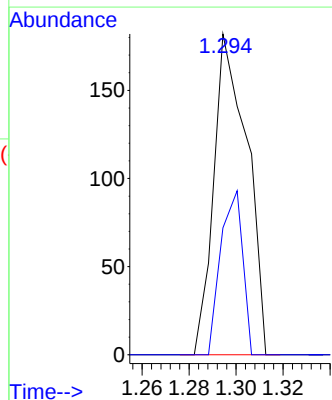
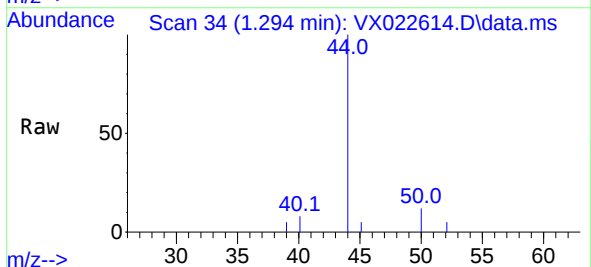


Tgt Ion:168 Resp: 59326
Ion Ratio Lower Upper
168 100
99 68.7 45.8 68.6#

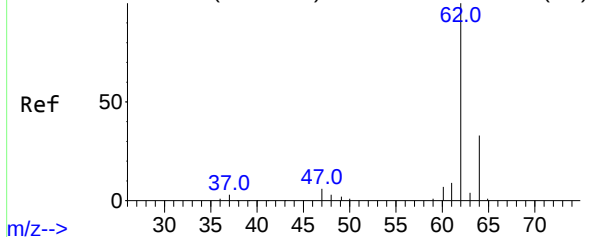


#3
Chloromethane
Concen: 0.21 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX022614.D
Acq: 09 Jun 2021 15:21

Tgt Ion: 50 Resp: 179
Ion Ratio Lower Upper
50 100
52 39.6 26.4 39.6

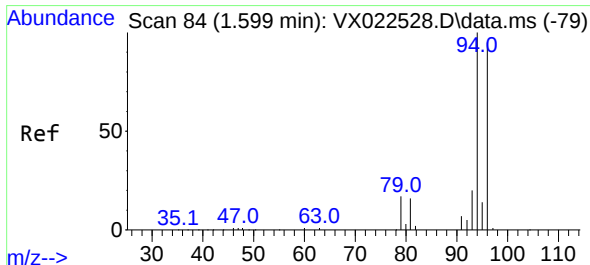
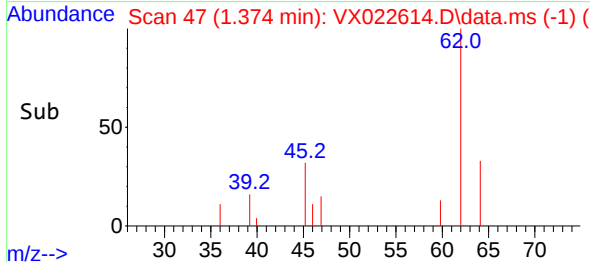
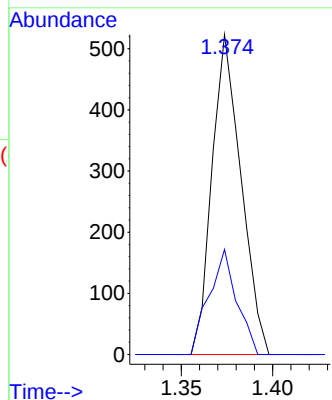
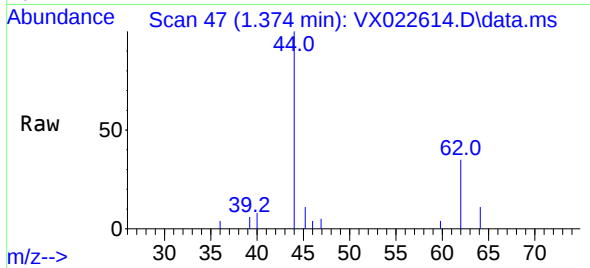


Abundance Scan 47 (1.374 min): VX022528.D\data.ms (-42)



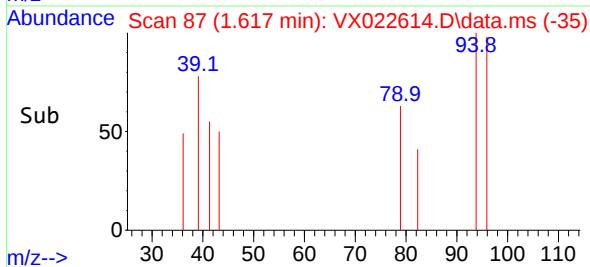
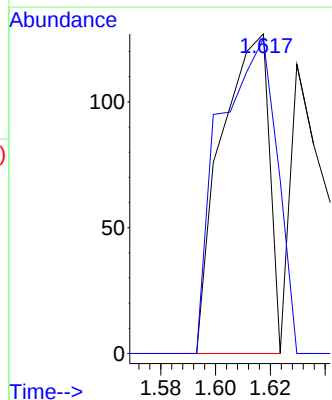
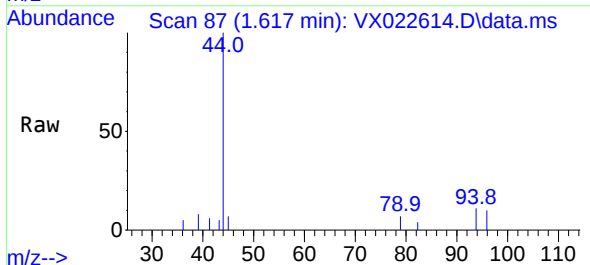
#4
Vinyl Chloride
Concen: 0.71 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX022614.D
Acq: 09 Jun 2021 15:21

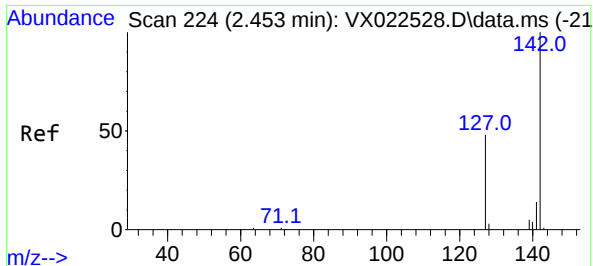
Tgt Ion: 62 Resp: 579
Ion Ratio Lower Upper
62 100
64 32.9 25.7 38.5



#5
Bromomethane
Concen: 0.36 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX022614.D
Acq: 09 Jun 2021 15:21

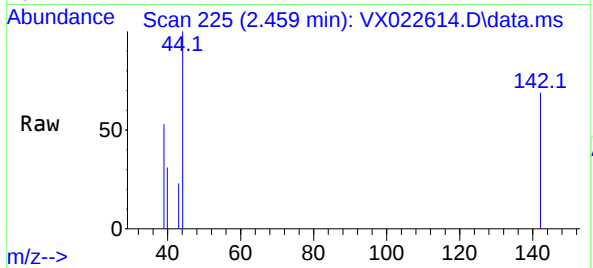
Tgt Ion: 94 Resp: 154
Ion Ratio Lower Upper
94 100
96 98.4 76.4 114.6



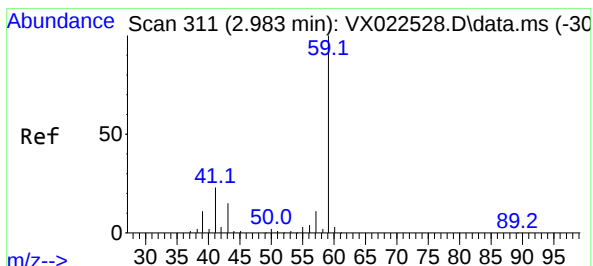
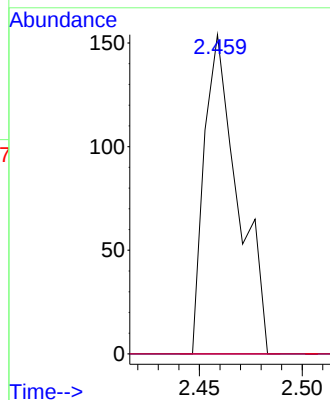
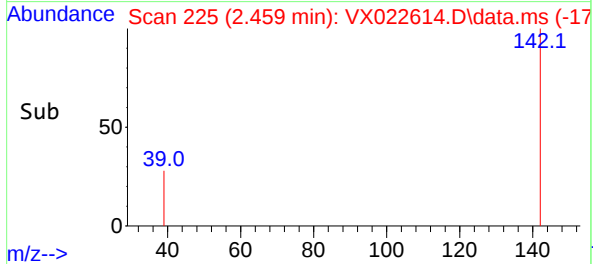


#10
Methyl Iodide
Concen: 0.21 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX022614.D
Acq: 09 Jun 2021 15:21

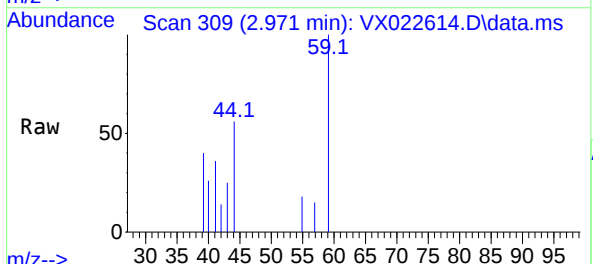
Instrument :
MSVOA_X
ClientSampleId :



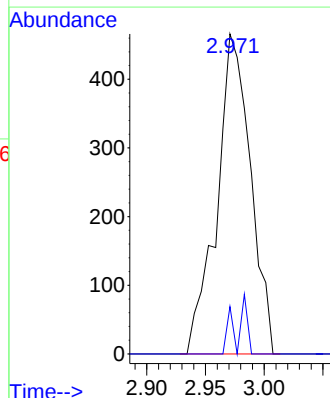
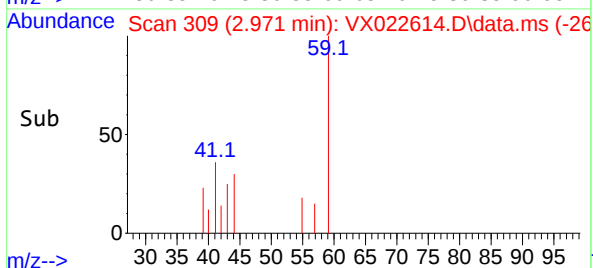
Tgt Ion:142 Resp: 176
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#

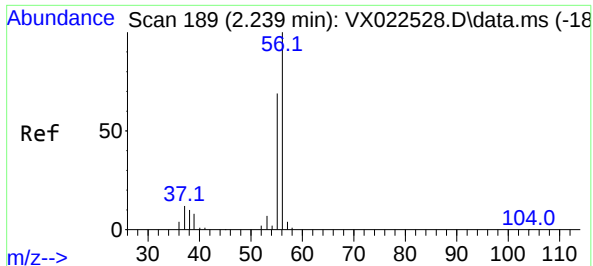


#11
Tert butyl alcohol
Concen: 3.93 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX022614.D
Acq: 09 Jun 2021 15:21



Tgt Ion: 59 Resp: 929
Ion Ratio Lower Upper
59 100
57 2.7 7.8 11.8#

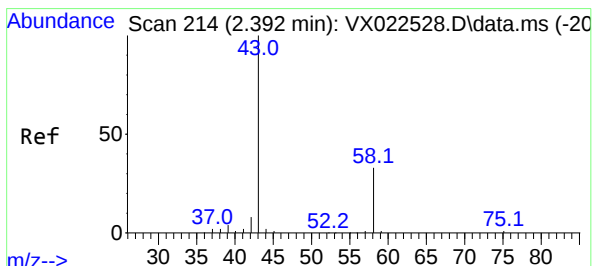
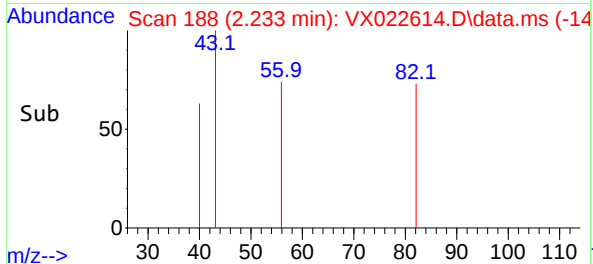
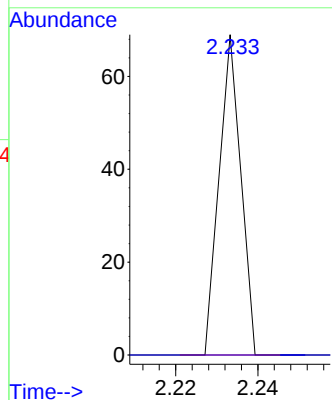
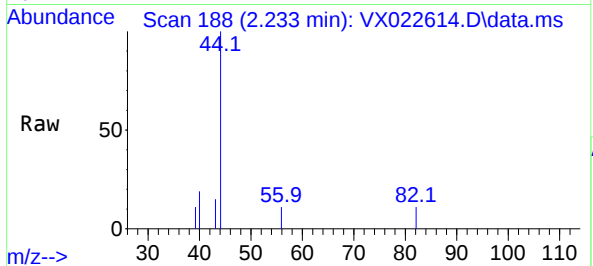




#13
Acrolein
Concen: 3.34 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX022614.D
Acq: 09 Jun 2021 15:21

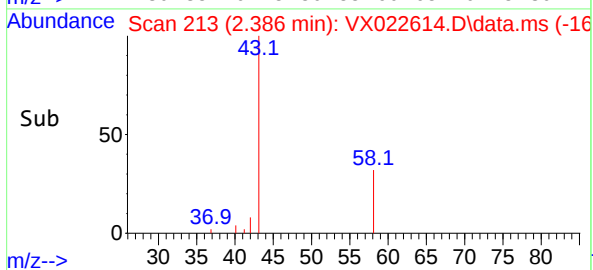
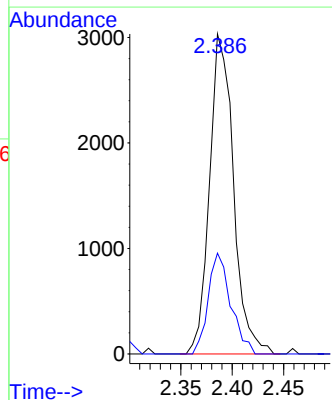
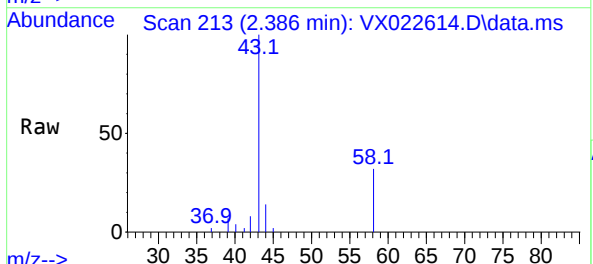
Instrument :
MSVOA_X
ClientSampleId :

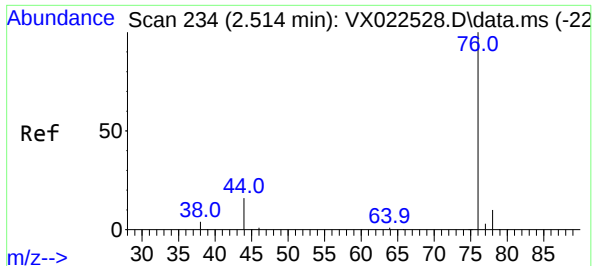
Tgt Ion: 56 Resp: 25
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 10.38 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022614.D
Acq: 09 Jun 2021 15:21

Tgt Ion: 43 Resp: 4919
Ion Ratio Lower Upper
43 100
58 31.5 27.8 41.8

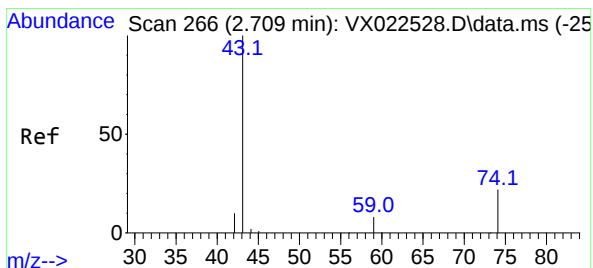
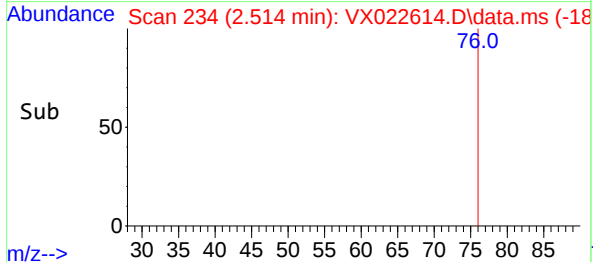
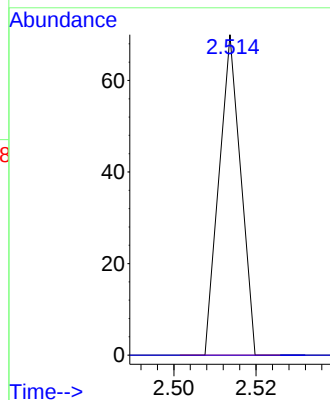
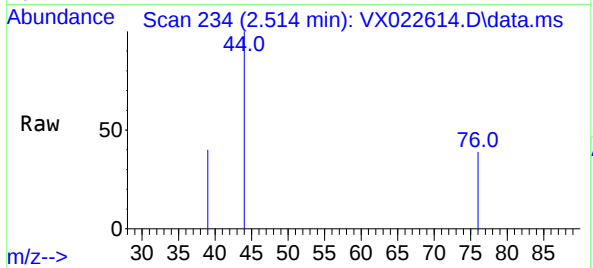




#17
Carbon Disulfide
Concen: 3.40 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX022614.D
Acq: 09 Jun 2021 15:21

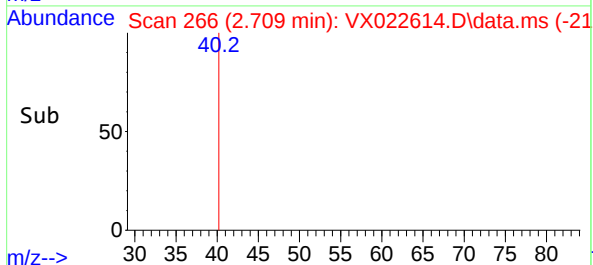
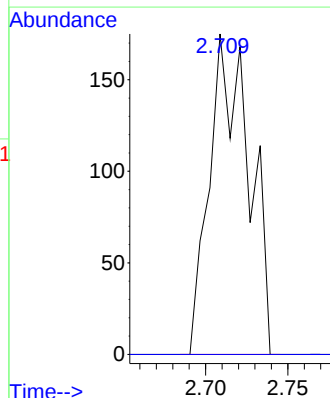
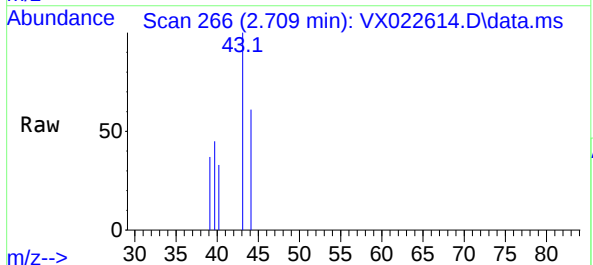
Instrument :
MSVOA_X
ClientSampled :

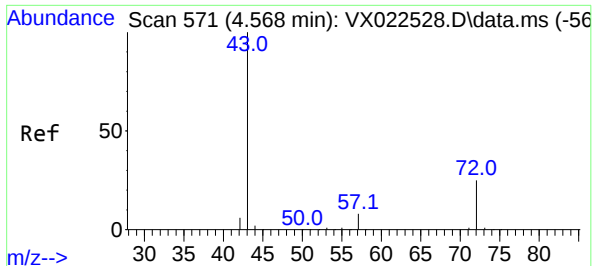
Tgt Ion: 76 Resp: 26
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 0.22 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX022614.D
Acq: 09 Jun 2021 15:21

Tgt Ion: 43 Resp: 293
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#

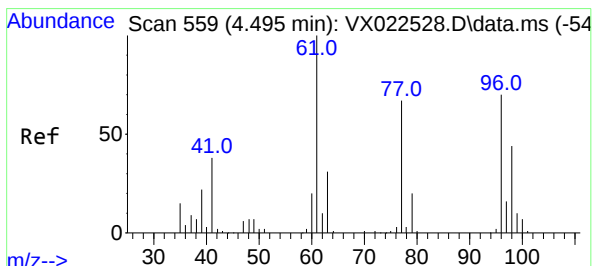
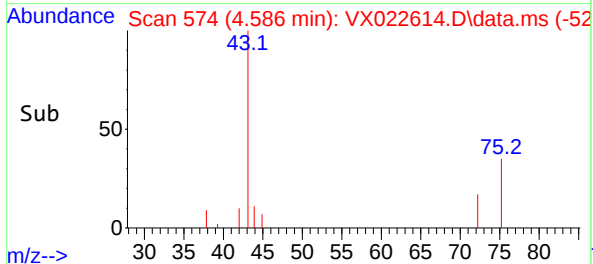
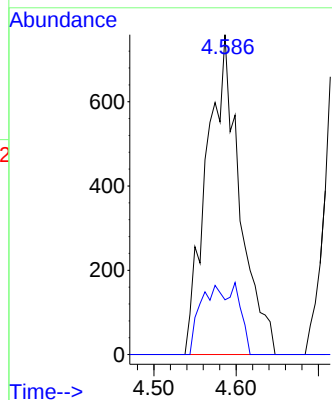
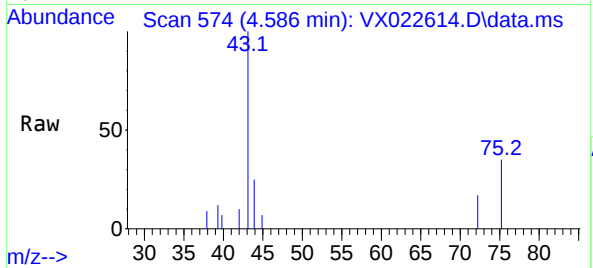




#25
2-Butanone
Concen: 2.71 ug/l
RT: 4.586 min Scan# 574
Delta R.T. 0.018 min
Lab File: VX022614.D
Acq: 09 Jun 2021 15:21

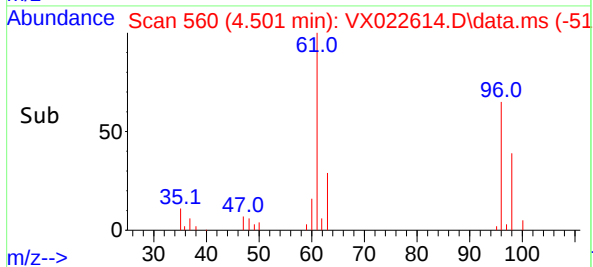
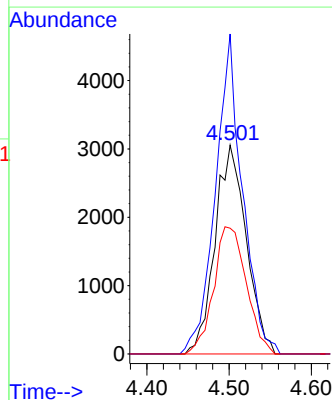
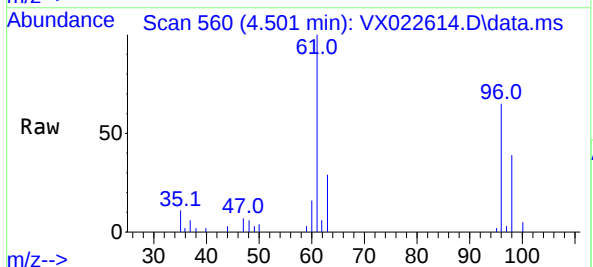
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MSVOA_X
ClientSampleId :

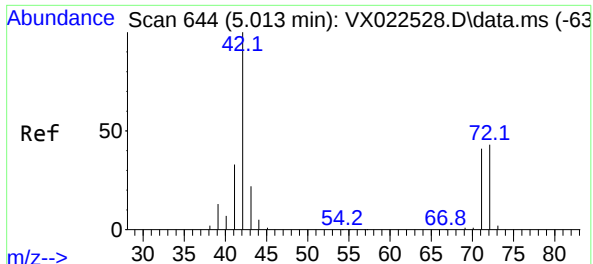
Tgt Ion: 43 Resp: 2121
Ion Ratio Lower Upper
43 100
72 17.1 23.7 35.5#



#27
cis-1,2-Dichloroethene
Concen: 8.13 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.006 min
Lab File: VX022614.D
Acq: 09 Jun 2021 15:21

Tgt Ion: 96 Resp: 8087
Ion Ratio Lower Upper
96 100
61 132.7 0.0 285.6
98 63.6 0.0 129.6





#29

Tetrahydrofuran

Concen: 0.75 ug/l

RT: 5.044 min Scan# 649

Delta R.T. 0.031 min

Lab File: VX022614.D

Acq: 09 Jun 2021 15:21

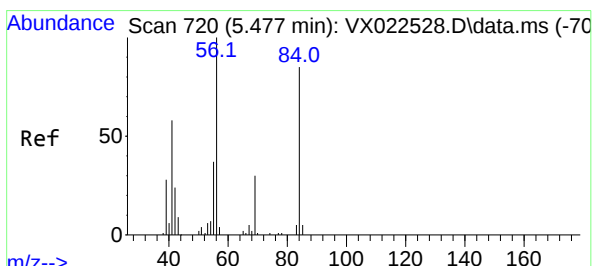
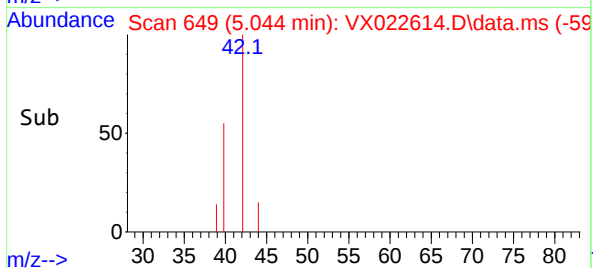
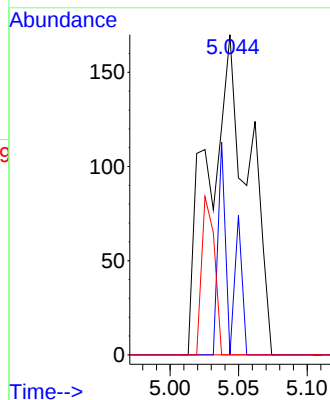
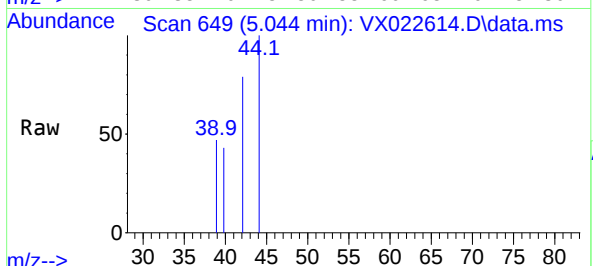
Tgt Ion: 42 Resp: 347

Ion Ratio Lower Upper

42 100

72 19.6 41.7 62.5#

71 15.9 38.4 57.6#



#31

Cyclohexane

Concen: 1.53 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.073 min

Lab File: VX022614.D

Acq: 09 Jun 2021 15:21

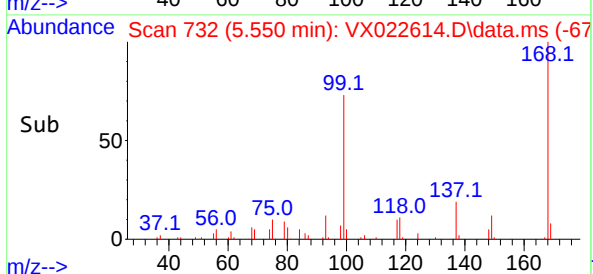
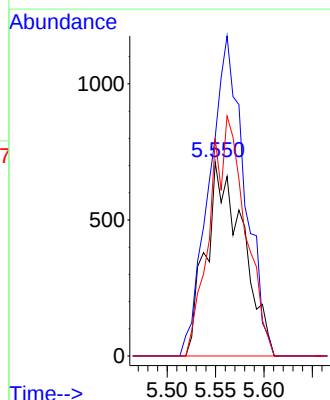
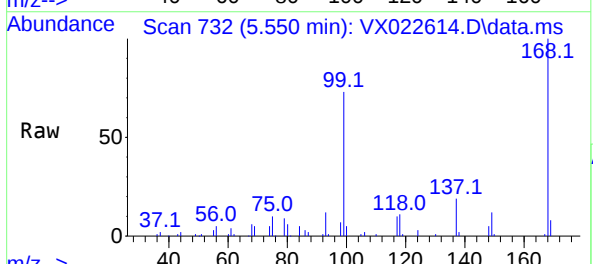
Tgt Ion: 56 Resp: 1912

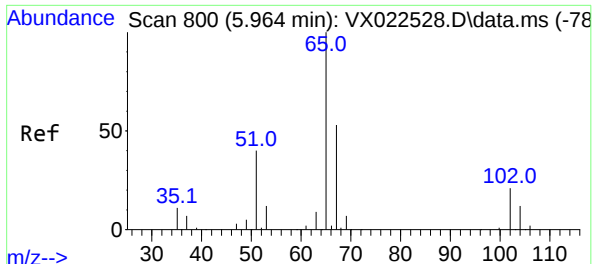
Ion Ratio Lower Upper

56 100

69 113.1 25.3 37.9#

84 112.2 71.4 107.0#

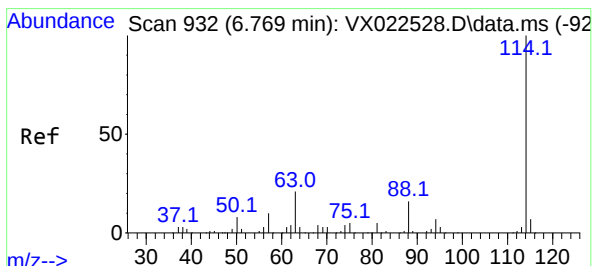
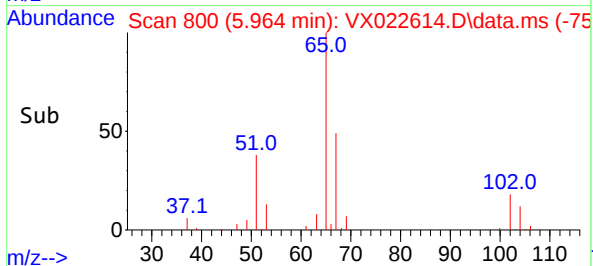
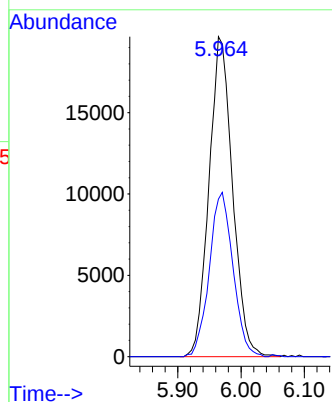
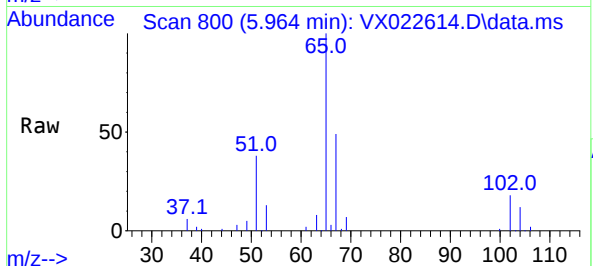




#33
1,2-Dichloroethane-d4
Concen: 48.18 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022614.D
Acq: 09 Jun 2021 15:21

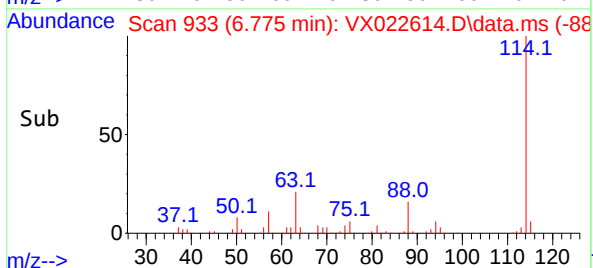
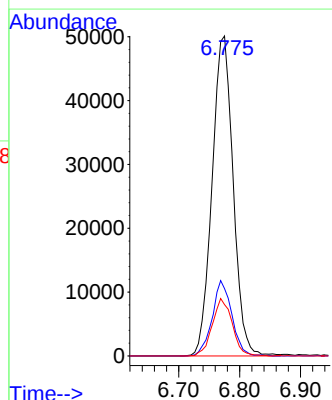
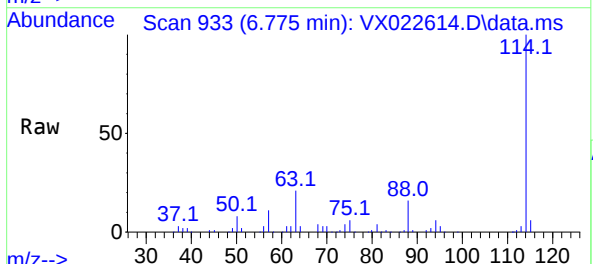
Instrument :
MSVOA_X
ClientSampleId :

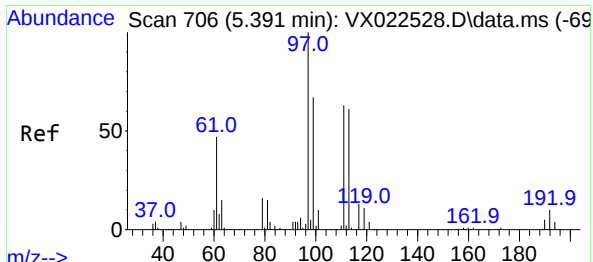
Tgt Ion: 65 Resp: 50815
Ion Ratio Lower Upper
65 100
67 51.7 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.775 min Scan# 933
Delta R.T. 0.006 min
Lab File: VX022614.D
Acq: 09 Jun 2021 15:21

Tgt Ion: 114 Resp: 120549
Ion Ratio Lower Upper
114 100
63 21.1 0.0 40.8
88 16.1 0.0 32.8

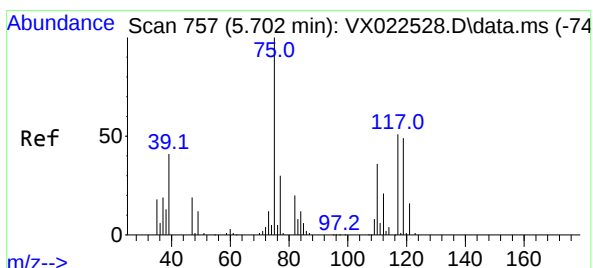
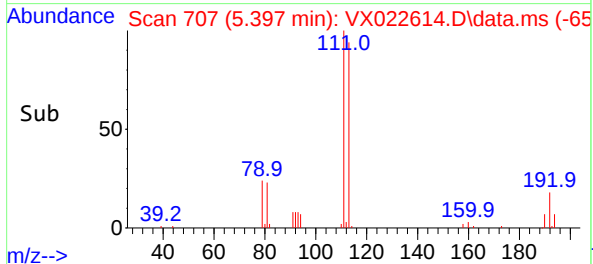
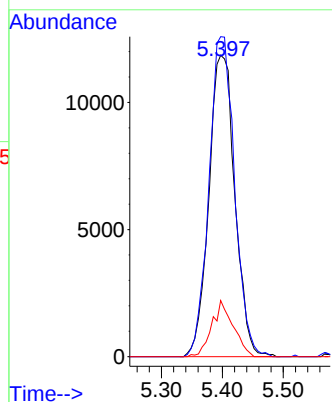
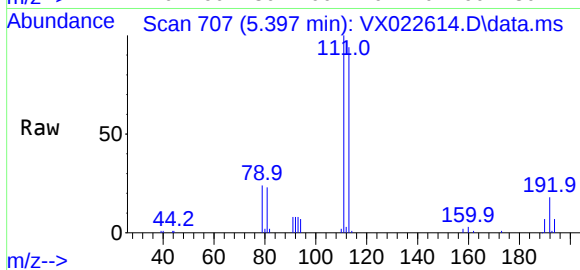




#35
Dibromofluoromethane
Concen: 46.68 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022614.D
Acq: 09 Jun 2021 15:21

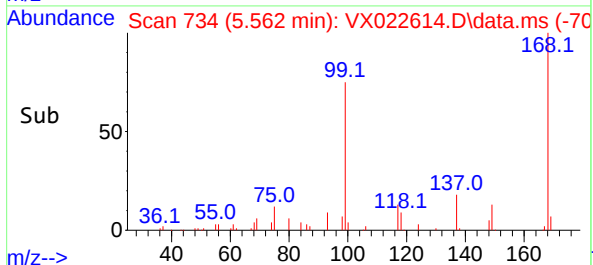
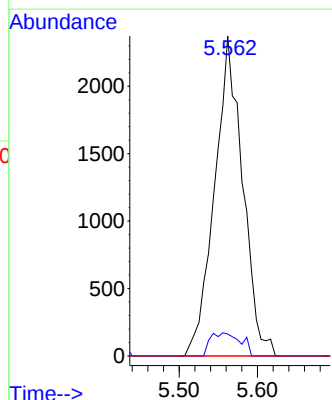
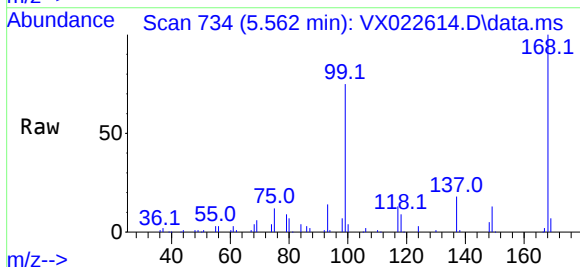
Instrument :
MSVOA_X
ClientSampleId :

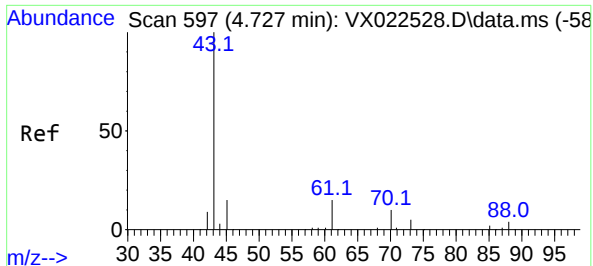
Tgt Ion:113 Resp: 35206
Ion Ratio Lower Upper
113 100
111 104.6 81.9 122.9
192 15.3 16.7 25.1#



#36
1,1-Dichloropropene
Concen: 5.07 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX022614.D
Acq: 09 Jun 2021 15:21

Tgt Ion: 75 Resp: 5913
Ion Ratio Lower Upper
75 100
110 7.7 18.1 54.4#
77 0.0 25.3 37.9#





#37

Ethyl Acetate

Concen: 2.52 ug/l

RT: 4.733 min Scan# 598

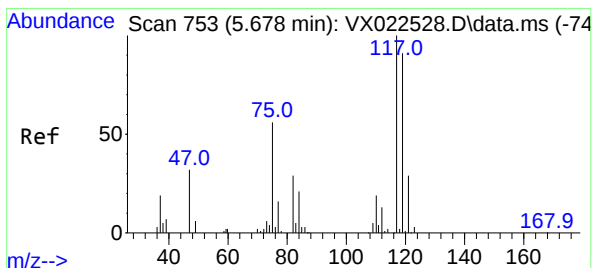
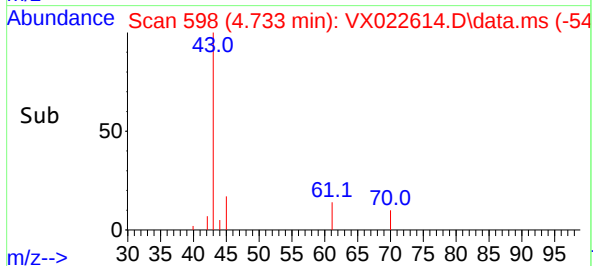
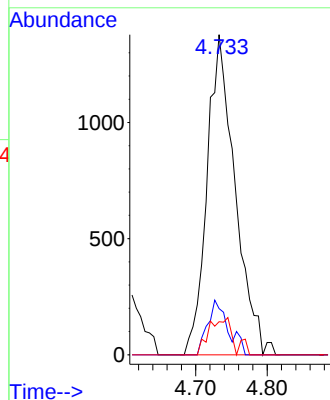
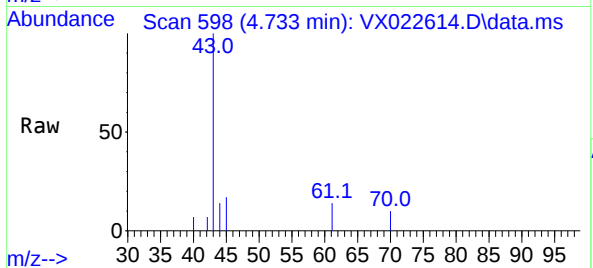
Delta R.T. 0.006 min

Lab File: VX022614.D

Acq: 09 Jun 2021 15:21

Tgt Ion: 43	Resp: 3764
Ion Ratio	Lower Upper
43 100	
61 12.5	12.8 19.2#
70 8.8	10.5 15.7#

Instrument :
MSVOA_X
ClientSampleId :



#38

Carbon Tetrachloride

Concen: 7.86 ug/l

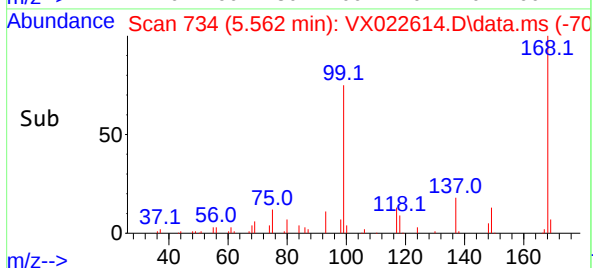
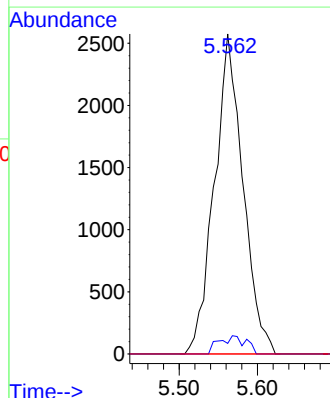
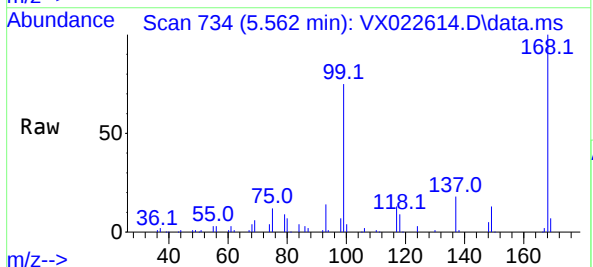
RT: 5.562 min Scan# 734

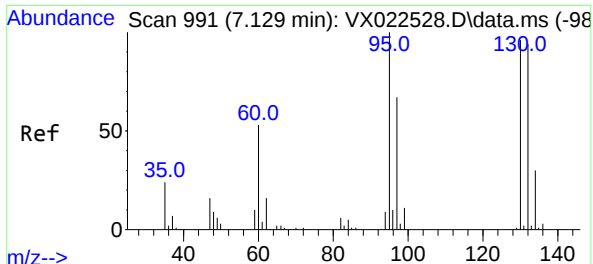
Delta R.T. -0.116 min

Lab File: VX022614.D

Acq: 09 Jun 2021 15:21

Tgt Ion: 117	Resp: 6527
Ion Ratio	Lower Upper
117 100	
119 3.3	76.2 114.2#
121 0.0	24.8 37.2#

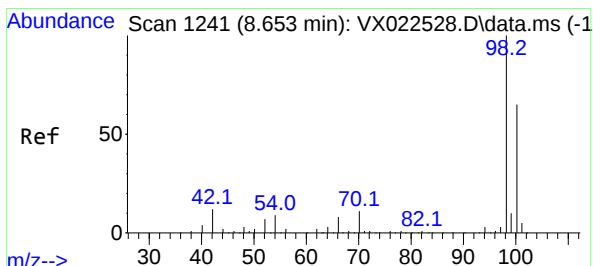
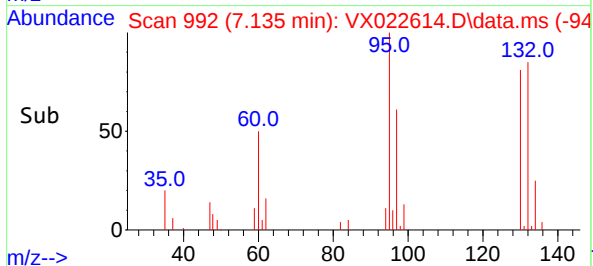
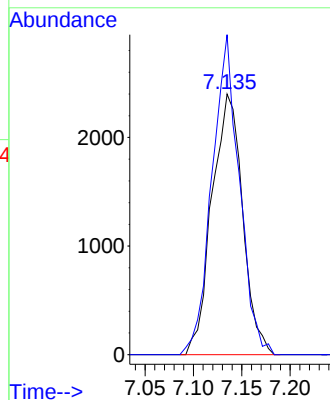
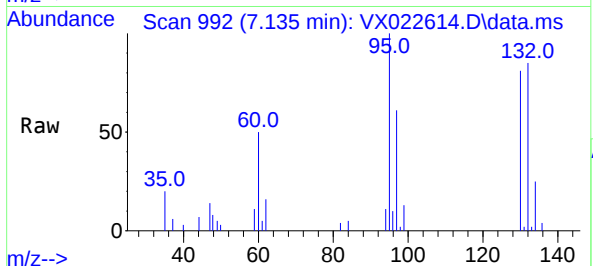




#44
Trichloroethene
Concen: 6.22 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX022614.D
Acq: 09 Jun 2021 15:21

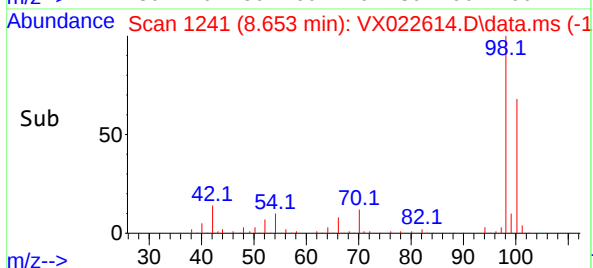
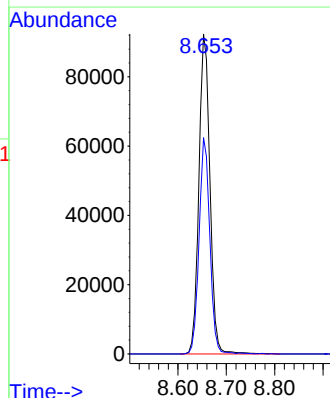
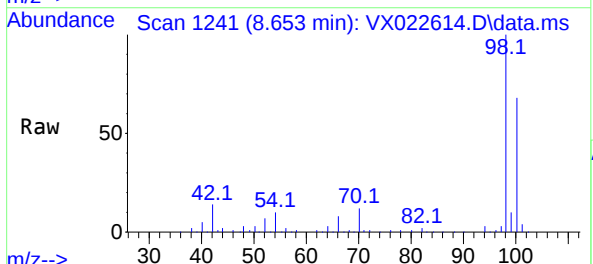
Instrument :
MSVOA_X
ClientSampled :

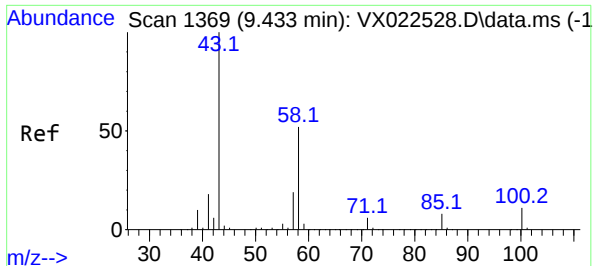
Tgt Ion:130 Resp: 5284
Ion Ratio Lower Upper
130 100
95 122.8 0.0 198.0



#50
Toluene-d8
Concen: 48.50 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022614.D
Acq: 09 Jun 2021 15:21

Tgt Ion: 98 Resp: 145952
Ion Ratio Lower Upper
98 100
100 65.6 51.9 77.9

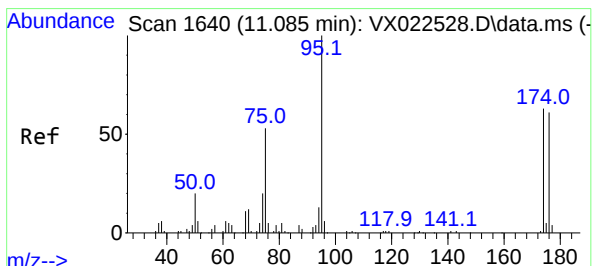
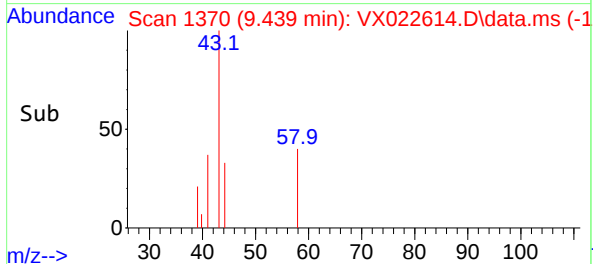
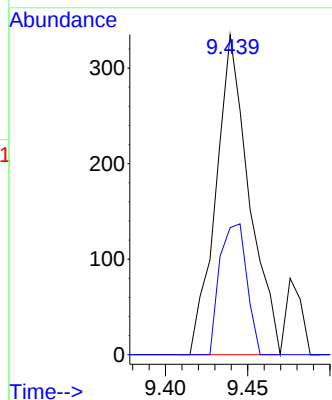
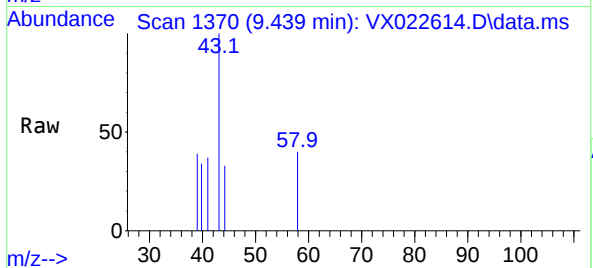




#59
2-Hexanone
Concen: 0.41 ug/l
RT: 9.439 min Scan# 1370
Delta R.T. 0.006 min
Lab File: VX022614.D
Acq: 09 Jun 2021 15:21

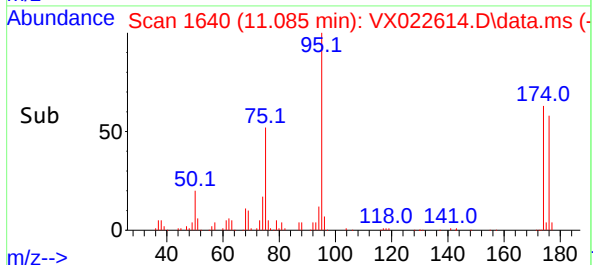
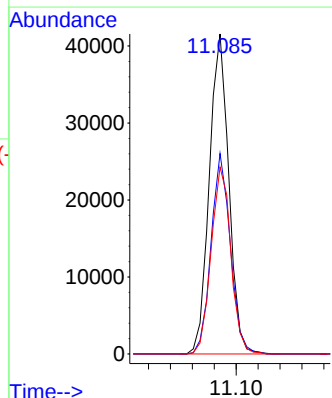
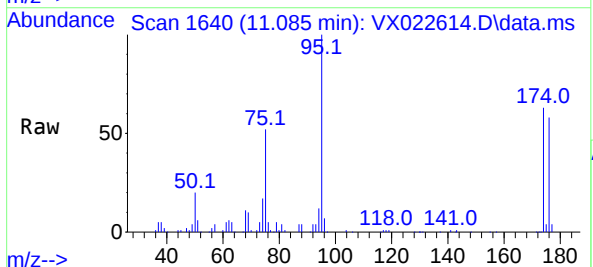
Instrument :
MSVOA_X
ClientSampled :

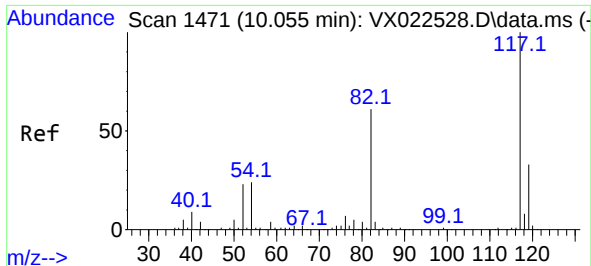
Tgt Ion: 43 Resp: 471
Ion Ratio Lower Upper
43 100
58 33.1 30.9 92.8



#62
4-Bromofluorobenzene
Concen: 45.73 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022614.D
Acq: 09 Jun 2021 15:21

Tgt Ion: 95 Resp: 51148
Ion Ratio Lower Upper
95 100
174 62.2 0.0 154.6
176 59.2 0.0 155.8

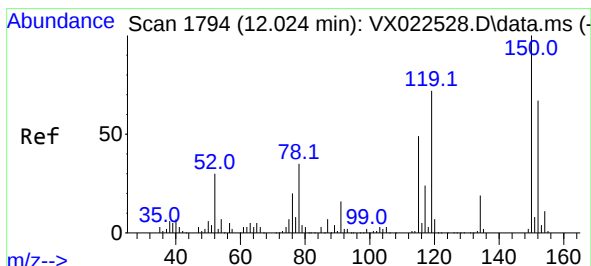
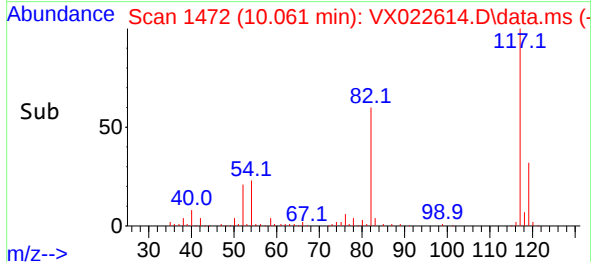
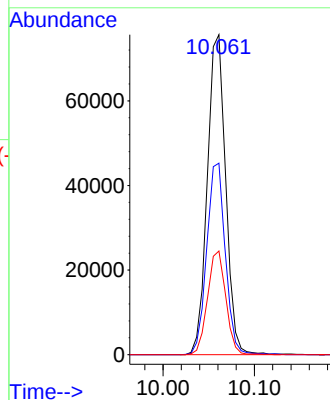
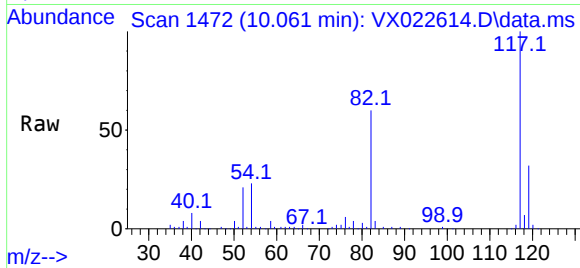




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX022614.D
Acq: 09 Jun 2021 15:21

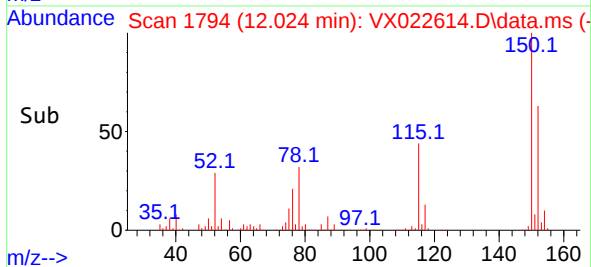
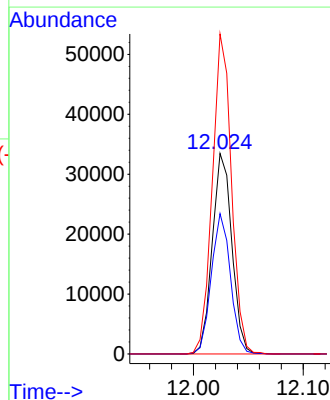
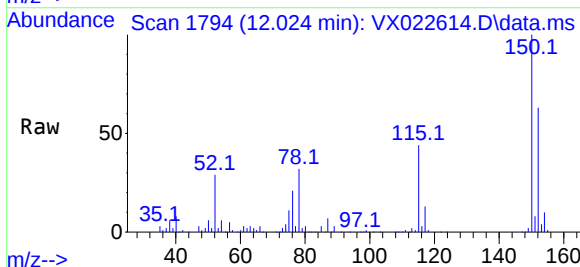
Instrument :
MSVOA_X
ClientSampled :

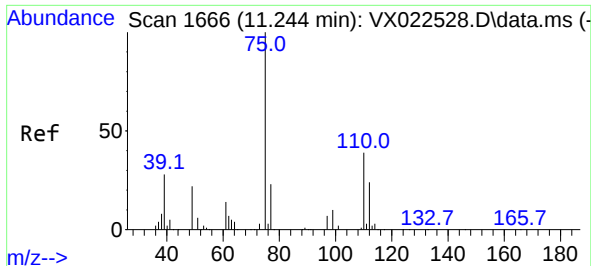
Tgt Ion:117 Resp: 105491
Ion Ratio Lower Upper
117 100
82 59.8 47.4 71.2
119 32.4 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX022614.D
Acq: 09 Jun 2021 15:21

Tgt Ion:152 Resp: 41508
Ion Ratio Lower Upper
152 100
115 68.5 41.1 123.3
150 156.0 0.0 349.0

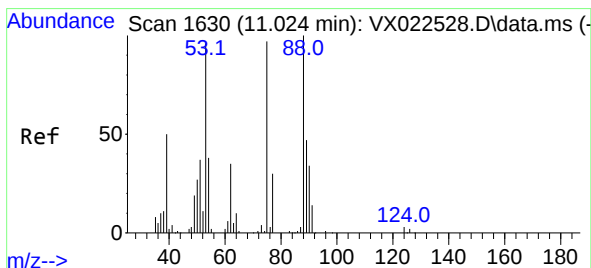
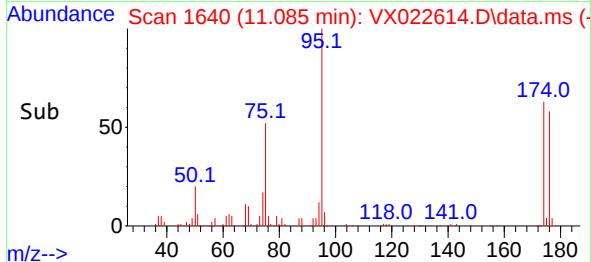
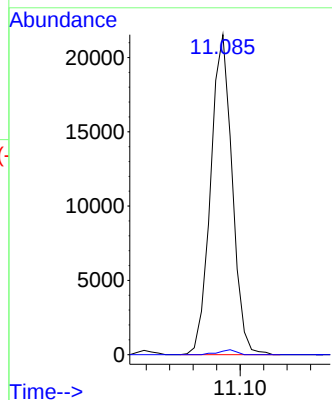
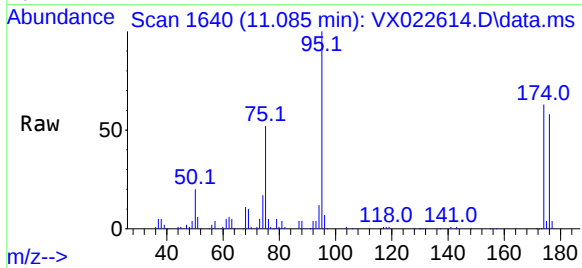




#76
1,2,3-Trichloropropane
Concen: 25.49 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022614.D
Acq: 09 Jun 2021 15:21

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 27412
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.97 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022614.D
Acq: 09 Jun 2021 15:21

Tgt Ion: 75 Resp: 27412
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#

