

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060921\
 Data File : VX022616.D
 Acq On : 09 Jun 2021 16:06
 Operator : JC/MD
 Sample : M2652-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 10 05:43:24 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)

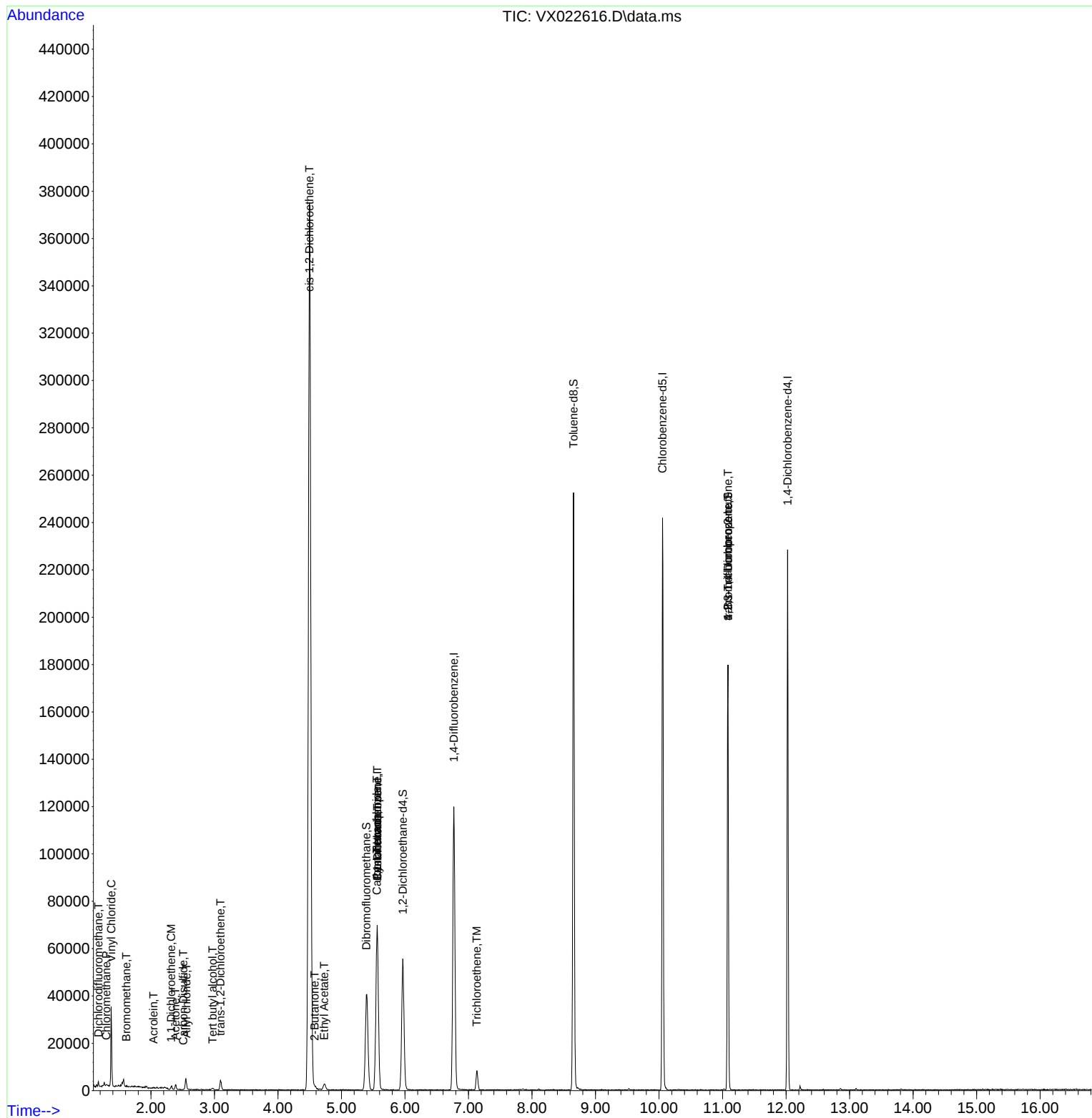
Internal Standards						
1) Pentafluorobenzene	5.562	168	56914	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	115514	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	101848	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	39043	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	48294	47.73	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.46%
35) Dibromofluoromethane	5.391	113	34862	48.24	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.48%
50) Toluene-d8	8.653	98	141458	49.05	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.10%
62) 4-Bromofluorobenzene	11.085	95	48785	45.51	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.02%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.172	85	1503	2.26	ug/l	93
3) Chloromethane	1.294	50	181	0.23	ug/l	# 42
4) Vinyl Chloride	1.374	62	19086	24.39	ug/l	94
5) Bromomethane	1.611	94	113	0.27	ug/l	94
11) Tert butyl alcohol	2.971	59	680	3.00	ug/l	# 73
12) 1,1-Dichloroethene	2.319	96	393	0.54	ug/l	97
13) Acrolein	2.038	56	50	3.58	ug/l	# 14
14) Allyl chloride	2.556	41	484	0.37	ug/l	# 22
16) Acetone	2.386	43	2182	4.80	ug/l	97
17) Carbon Disulfide	2.508	76	60	3.41	ug/l	# 75
21) trans-1,2-Dichloroethene	3.093	96	1442	1.77	ug/l	88
25) 2-Butanone	4.574	43	260	0.35	ug/l	# 45
27) cis-1,2-Dichloroethene	4.495	96	220208	230.77	ug/l	92
31) Cyclohexane	5.562	56	1839	1.54	ug/l	# 25
36) 1,1-Dichloropropene	5.562	75	5752	5.15	ug/l	# 48
37) Ethyl Acetate	4.727	43	4273	2.98	ug/l	# 68
38) Carbon Tetrachloride	5.556	117	6523	8.11	ug/l	# 17
44) Trichloroethene	7.129	130	2939	3.61	ug/l	86
76) 1,2,3-Trichloropropane	11.085	75	26836	26.53	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.085	75	26836	65.30	ug/l	# 12

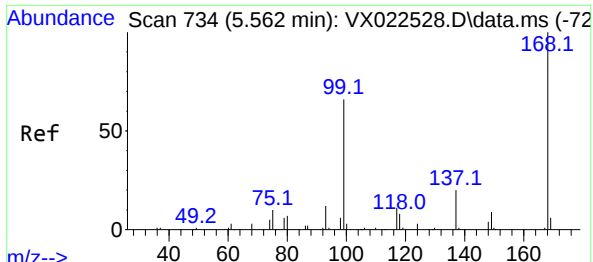
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
ClientSampleId :

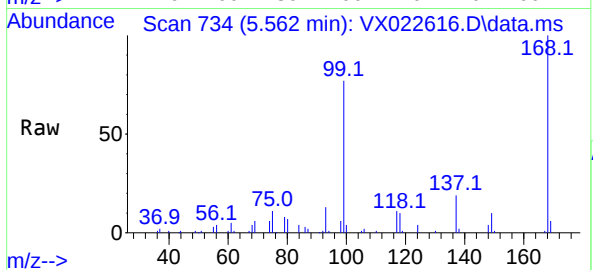
Quant Time: Jun 10 05:43:24 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060721W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 07 14:27:50 2021
Response via : Initial Calibration



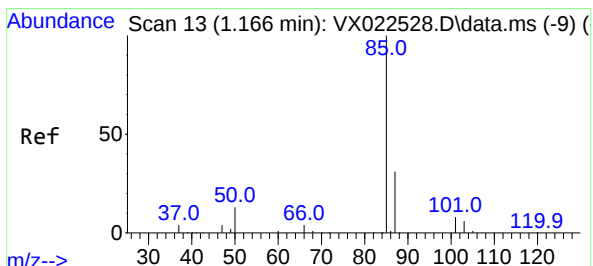
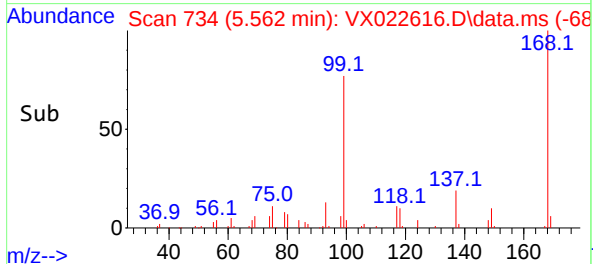
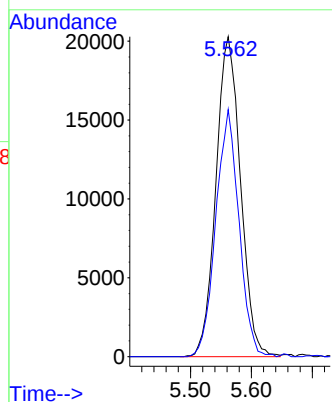


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022616.D
Acq: 09 Jun 2021 16:06

Instrument :
MSVOA_X
ClientSampleId :

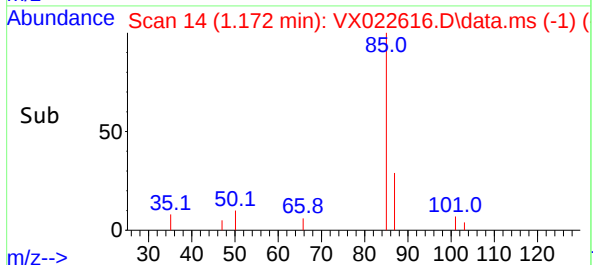
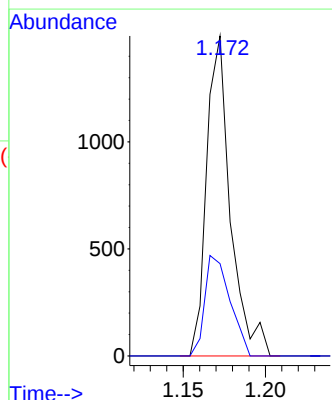
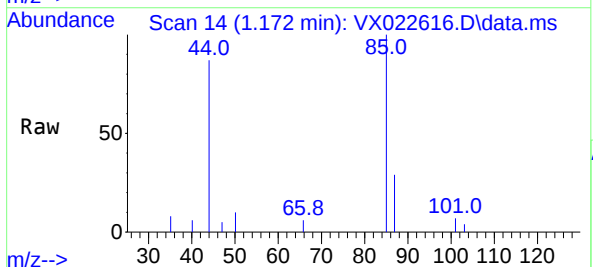


Tgt Ion:168 Resp: 56914
Ion Ratio Lower Upper
168 100
99 77.2 45.8 68.6#

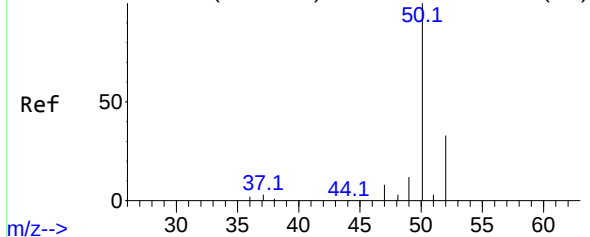


#2
Dichlorodifluoromethane
Concen: 2.26 ug/l
RT: 1.172 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX022616.D
Acq: 09 Jun 2021 16:06

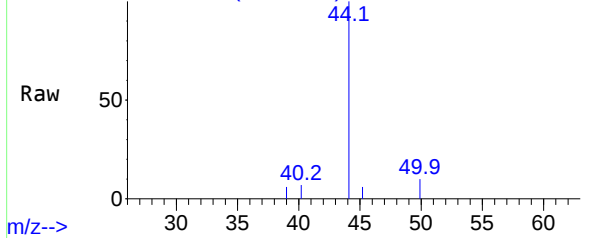
Tgt Ion: 85 Resp: 1503
Ion Ratio Lower Upper
85 100
87 28.8 16.4 49.2



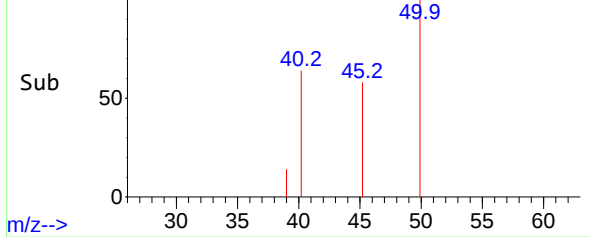
Abundance Scan 34 (1.294 min): VX022528.D\data.ms (-30)



Abundance Scan 34 (1.294 min): VX022616.D\data.ms



Abundance Scan 34 (1.294 min): VX022616.D\data.ms (-1) (



#3

Chloromethane

Concen: 0.23 ug/l

RT: 1.294 min Scan# 34

Delta R.T. 0.000 min

Lab File: VX022616.D

Acq: 09 Jun 2021 16:06

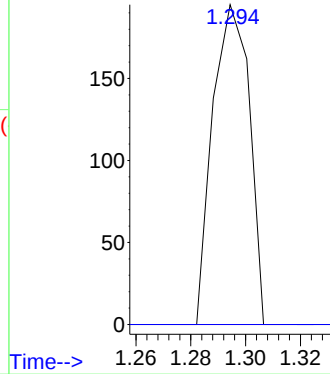
Tgt Ion: 50 Resp: 181

Ion Ratio Lower Upper

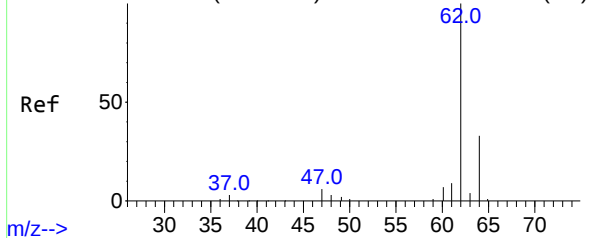
50 100

52 0.0 26.4 39.6#

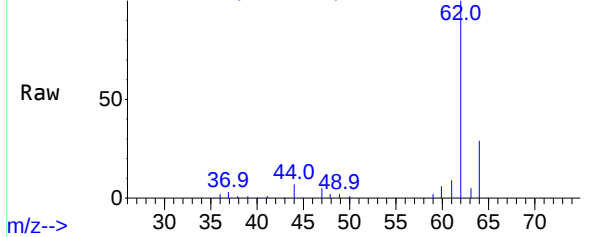
Abundance



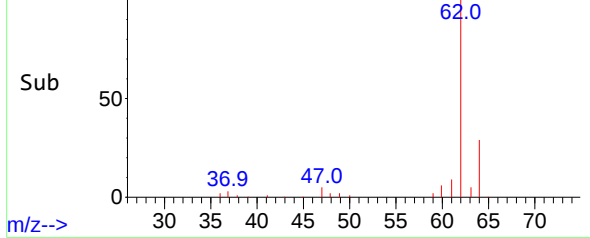
Abundance Scan 47 (1.374 min): VX022528.D\data.ms (-42)



Abundance Scan 47 (1.374 min): VX022616.D\data.ms



Abundance Scan 47 (1.374 min): VX022616.D\data.ms (-1) (



#4

Vinyl Chloride

Concen: 24.39 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX022616.D

Acq: 09 Jun 2021 16:06

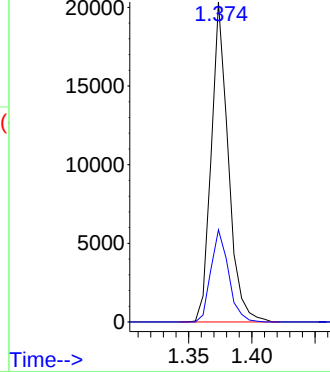
Tgt Ion: 62 Resp: 19086

Ion Ratio Lower Upper

62 100

64 28.8 25.7 38.5

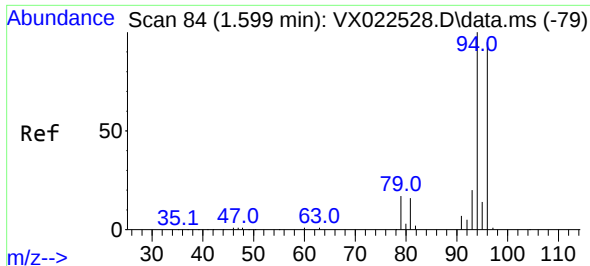
Abundance



Instrument :

MSVOA_X

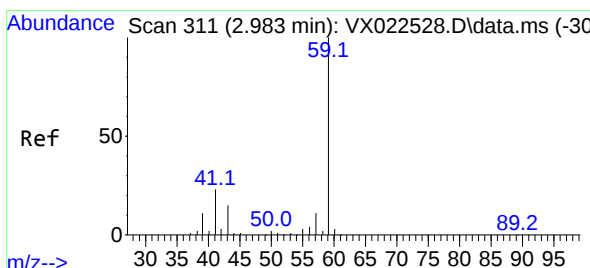
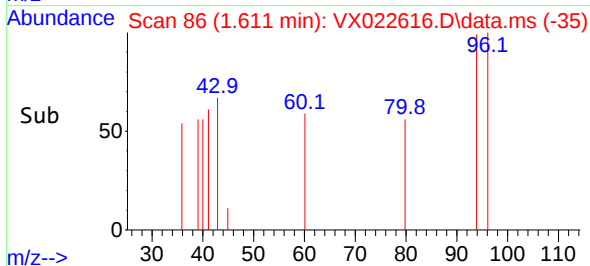
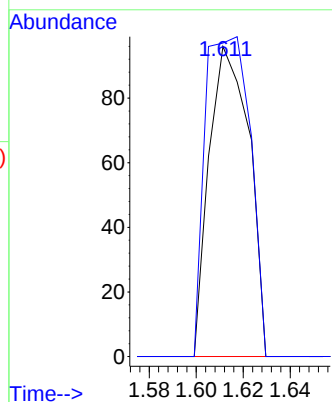
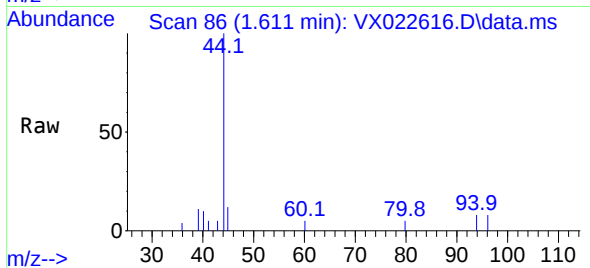
ClientSampled :



#5
Bromomethane
Concen: 0.27 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX022616.D
Acq: 09 Jun 2021 16:06

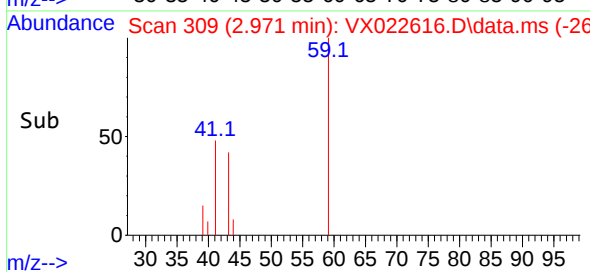
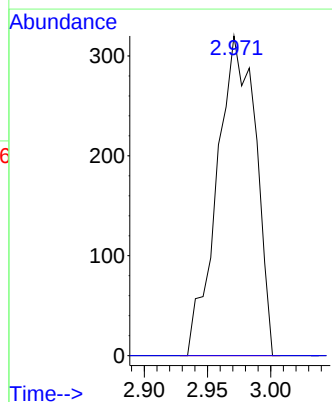
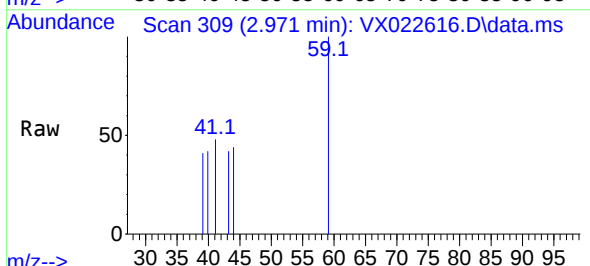
Instrument :
MSVOA_X
ClientSampled :

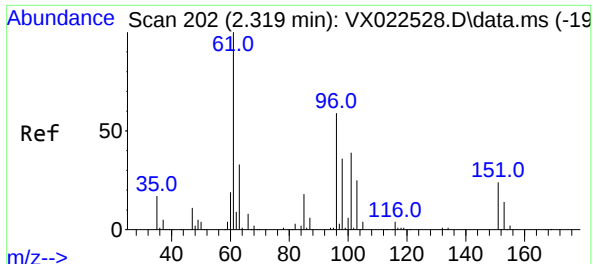
Tgt Ion: 94 Resp: 113
Ion Ratio Lower Upper
94 100
96 101.0 76.4 114.6



#11
Tert butyl alcohol
Concen: 3.00 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX022616.D
Acq: 09 Jun 2021 16:06

Tgt Ion: 59 Resp: 680
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

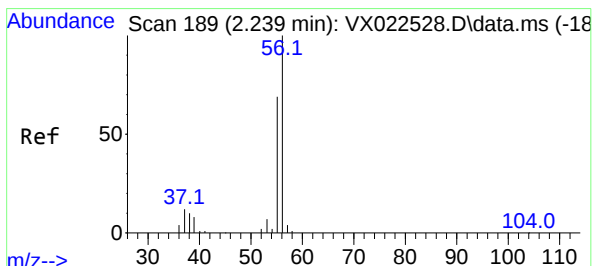
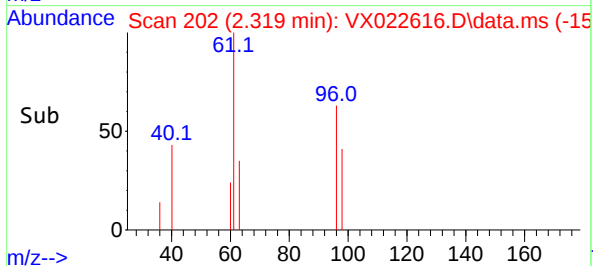
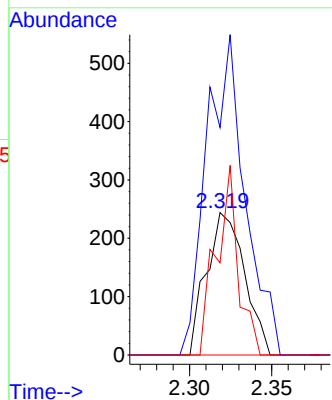
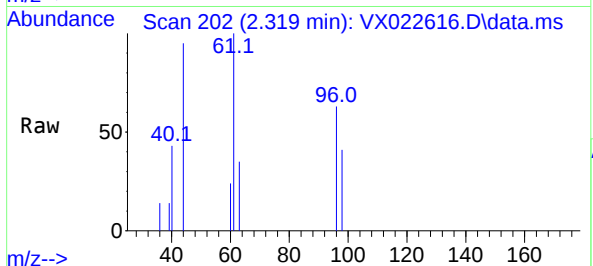




#12
1,1-Dichloroethene
Concen: 0.54 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX022616.D
Acq: 09 Jun 2021 16:06

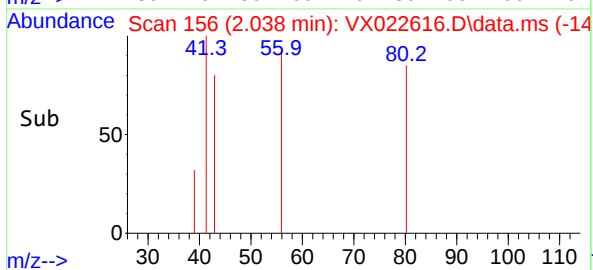
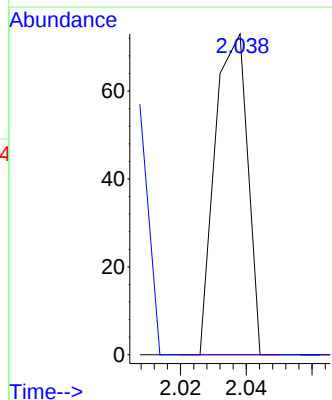
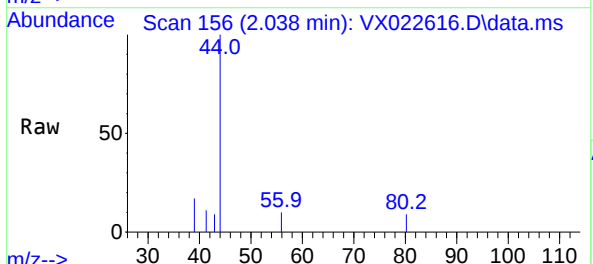
Instrument :
MSVOA_X
ClientSampled :

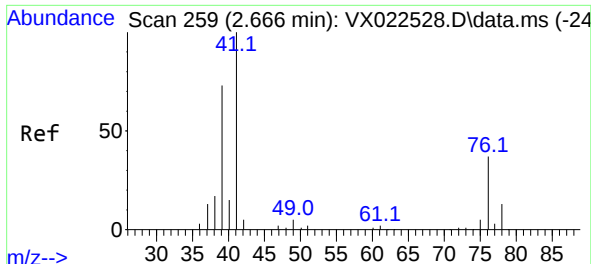
Tgt Ion: 96 Resp: 393
Ion Ratio Lower Upper
96 100
61 159.8 124.6 187.0
98 64.8 50.6 76.0



#13
Acrolein
Concen: 3.58 ug/l
RT: 2.038 min Scan# 156
Delta R.T. -0.201 min
Lab File: VX022616.D
Acq: 09 Jun 2021 16:06

Tgt Ion: 56 Resp: 50
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

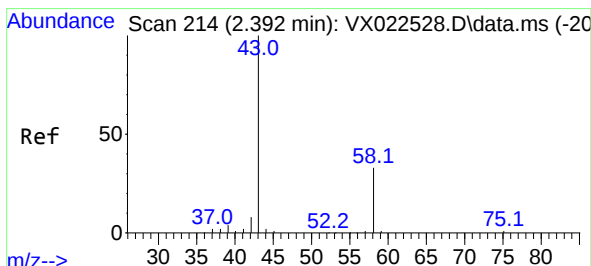
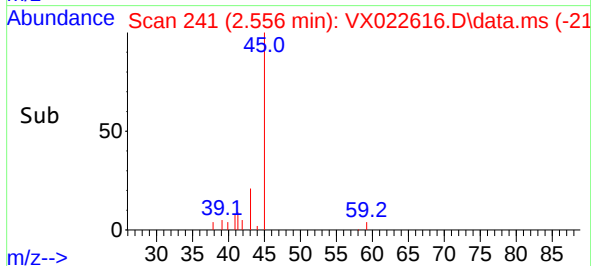
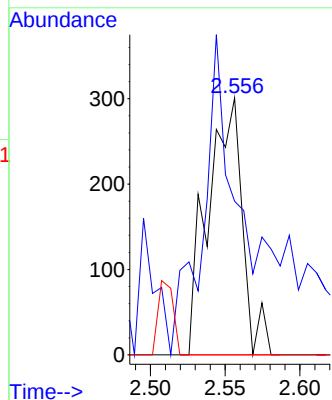
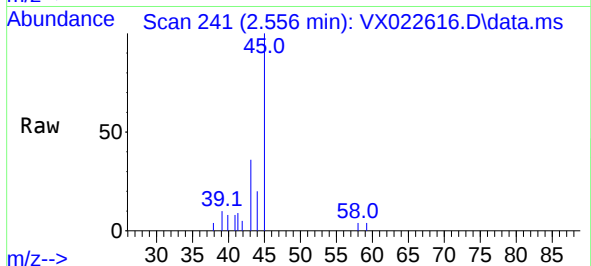




#14
Allyl chloride
Concen: 0.37 ug/l
RT: 2.556 min Scan# 241
Delta R.T. -0.110 min
Lab File: VX022616.D
Acq: 09 Jun 2021 16:06

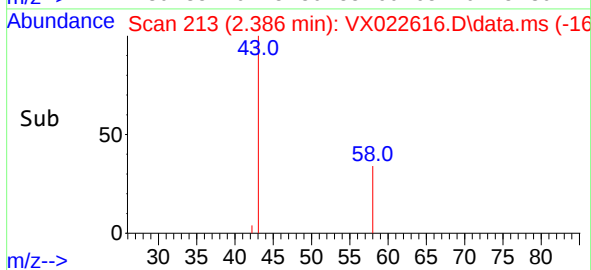
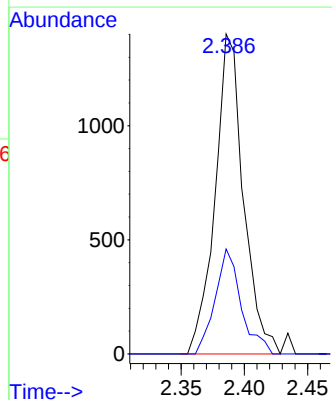
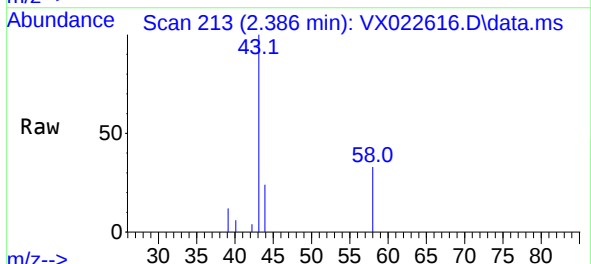
Instrument :
MSVOA_X
ClientSampleId :

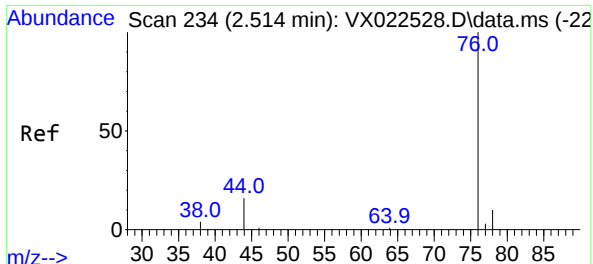
Tgt Ion: 41 Resp: 484
Ion Ratio Lower Upper
41 100
39 132.9 51.6 77.4#
76 0.0 30.5 45.7#



#16
Acetone
Concen: 4.80 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022616.D
Acq: 09 Jun 2021 16:06

Tgt Ion: 43 Resp: 2182
Ion Ratio Lower Upper
43 100
58 32.8 27.8 41.8

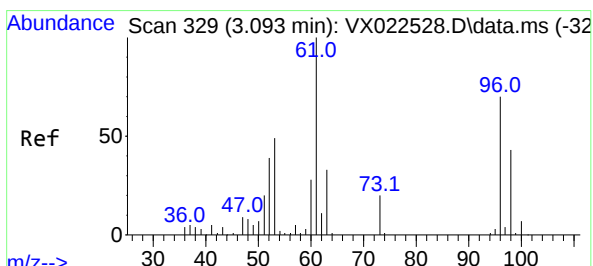
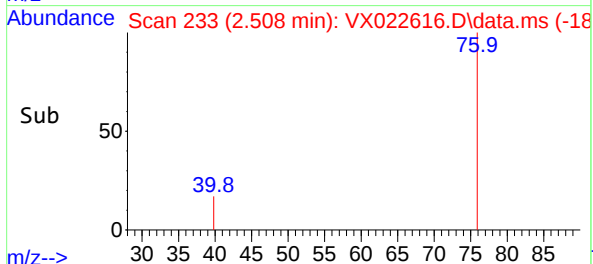
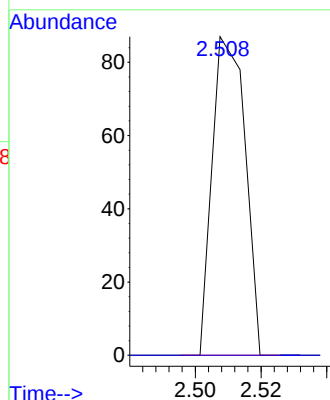
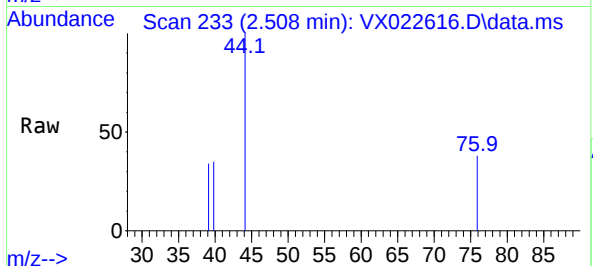




#17
Carbon Disulfide
Concen: 3.41 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX022616.D
Acq: 09 Jun 2021 16:06

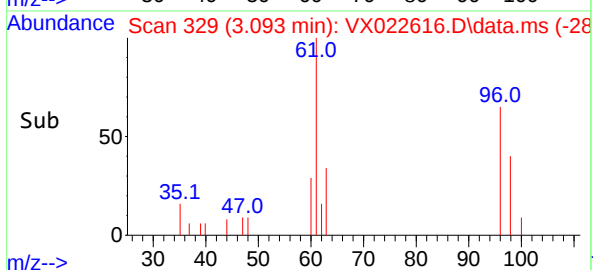
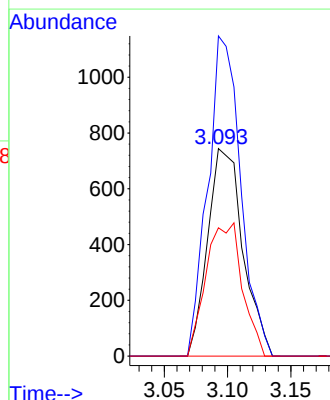
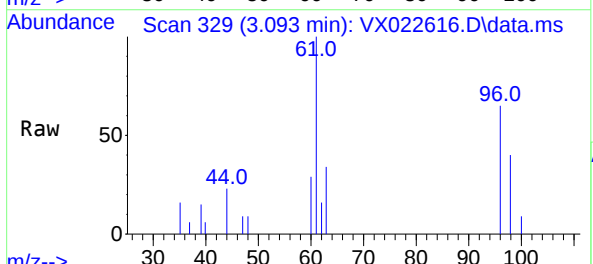
Instrument :
MSVOA_X
ClientSampled :

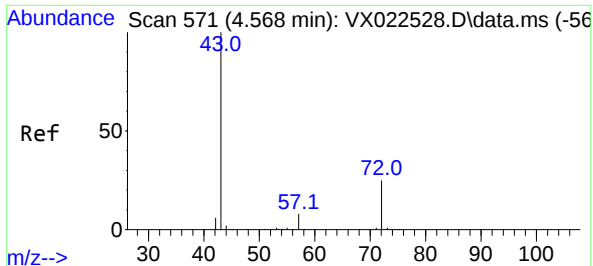
Tgt Ion: 76 Resp: 60
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#21
trans-1,2-Dichloroethene
Concen: 1.77 ug/l
RT: 3.093 min Scan# 329
Delta R.T. -0.000 min
Lab File: VX022616.D
Acq: 09 Jun 2021 16:06

Tgt Ion: 96 Resp: 1442
Ion Ratio Lower Upper
96 100
61 154.3 107.7 161.5
98 61.8 50.4 75.6

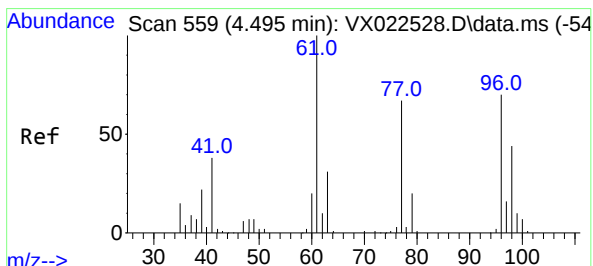
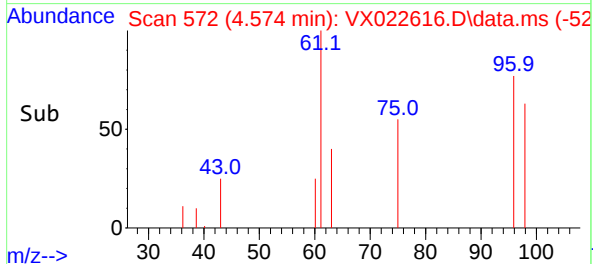
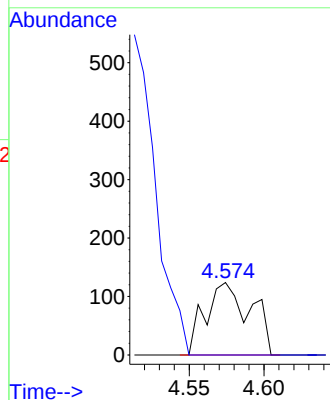
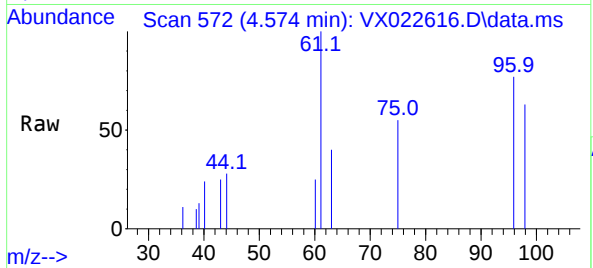




#25
2-Butanone
Concen: 0.35 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX022616.D
Acq: 09 Jun 2021 16:06

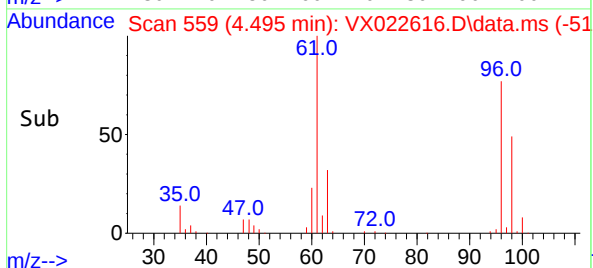
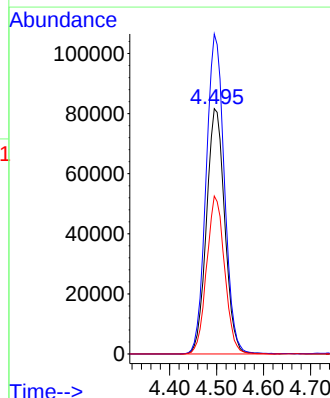
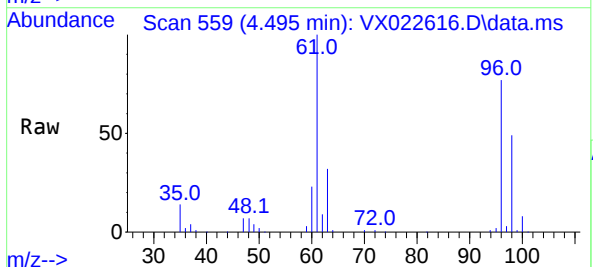
Instrument :
MSVOA_X
ClientSampled :

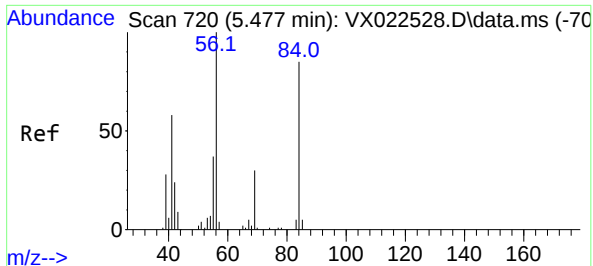
Tgt Ion: 43 Resp: 260
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#27
cis-1,2-Dichloroethene
Concen: 230.77 ug/l
RT: 4.495 min Scan# 559
Delta R.T. -0.000 min
Lab File: VX022616.D
Acq: 09 Jun 2021 16:06

Tgt Ion: 96 Resp: 220208
Ion Ratio Lower Upper
96 100
61 130.3 0.0 285.6
98 63.4 0.0 129.6

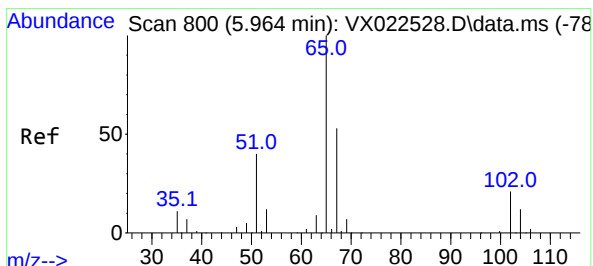
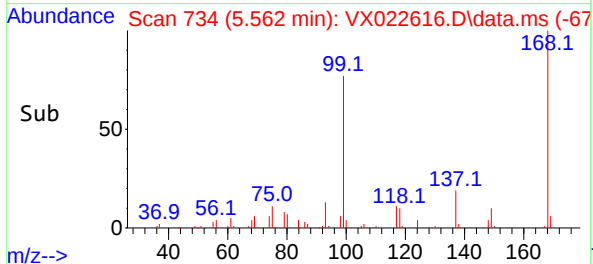
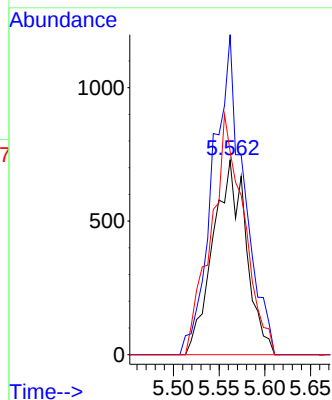
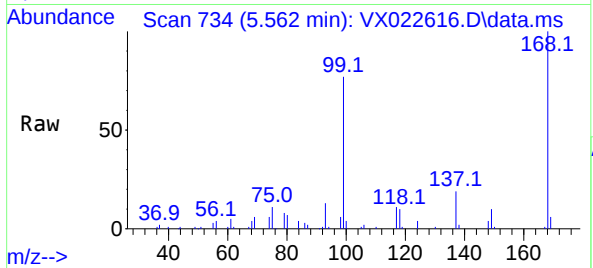




#31
Cyclohexane
Concen: 1.54 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX022616.D
Acq: 09 Jun 2021 16:06

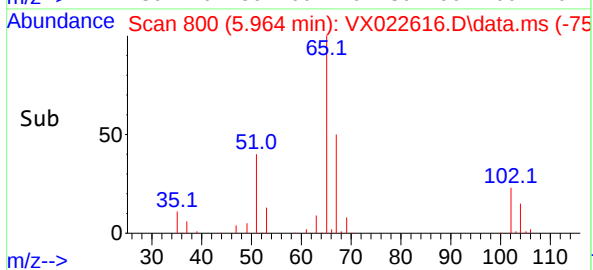
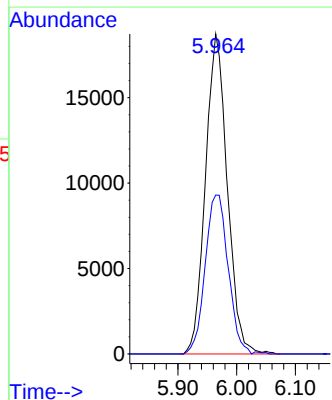
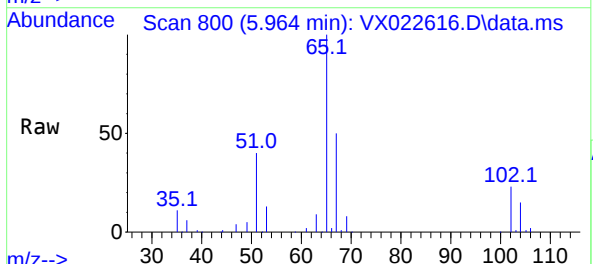
Instrument :
MSVOA_X
ClientSampled :

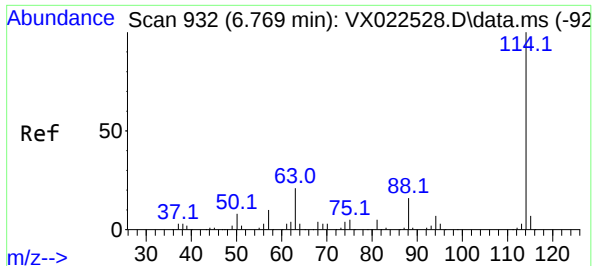
Tgt Ion: 56 Resp: 1839
Ion Ratio Lower Upper
56 100
69 164.6 25.3 37.9#
84 104.4 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 47.73 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022616.D
Acq: 09 Jun 2021 16:06

Tgt Ion: 65 Resp: 48294
Ion Ratio Lower Upper
65 100
67 52.4 0.0 105.4

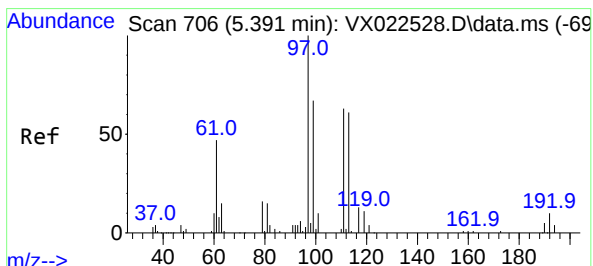
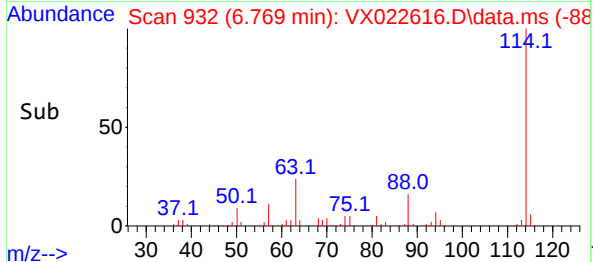
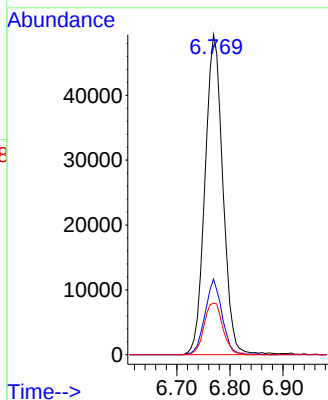
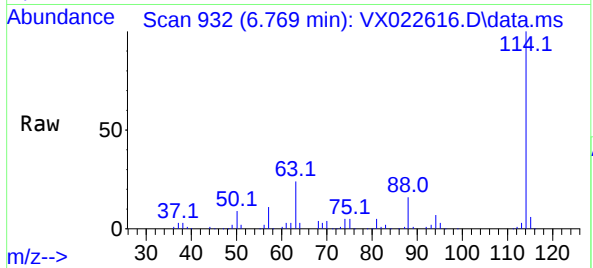




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022616.D
Acq: 09 Jun 2021 16:06

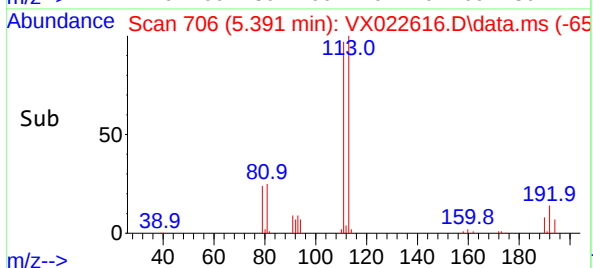
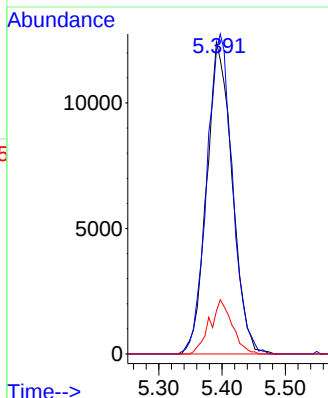
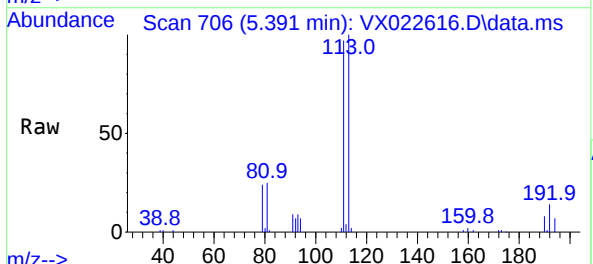
Instrument :
MSVOA_X
ClientSampled :

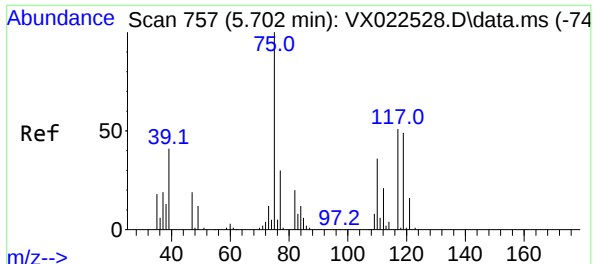
Tgt Ion:114 Resp: 115514
Ion Ratio Lower Upper
114 100
63 23.7 0.0 40.8
88 16.1 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.24 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX022616.D
Acq: 09 Jun 2021 16:06

Tgt Ion:113 Resp: 34862
Ion Ratio Lower Upper
113 100
111 102.6 81.9 122.9
192 15.3 16.7 25.1#

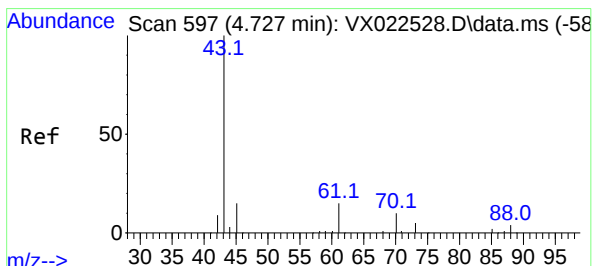
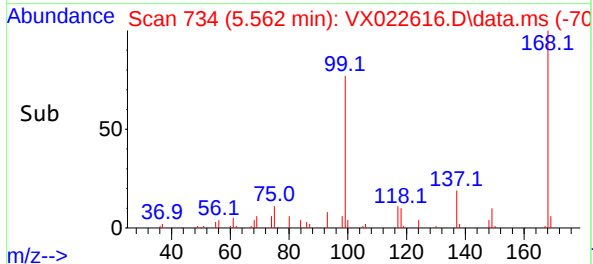
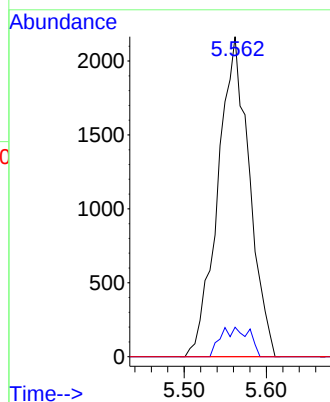
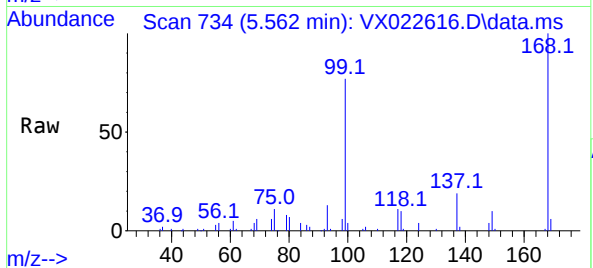




#36
1,1-Dichloropropene
Concen: 5.15 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX022616.D
Acq: 09 Jun 2021 16:06

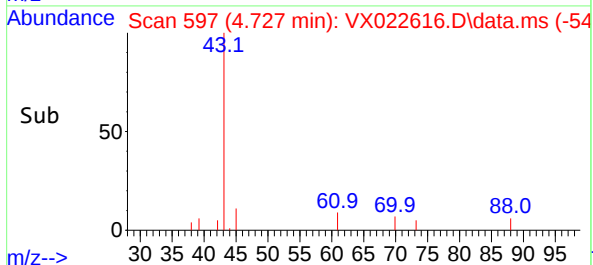
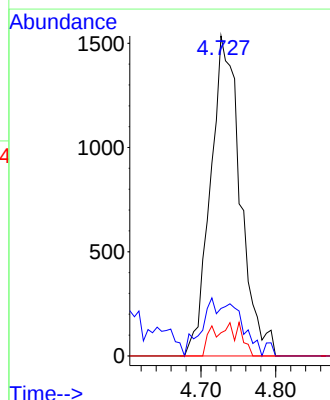
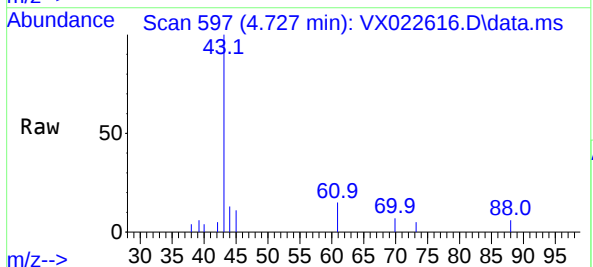
Instrument :
MSVOA_X
ClientSampled :

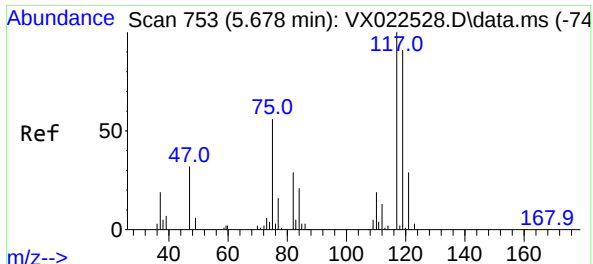
Tgt Ion: 75 Resp: 5752
Ion Ratio Lower Upper
75 100
110 8.3 18.1 54.4#
77 0.0 25.3 37.9#



#37
Ethyl Acetate
Concen: 2.98 ug/l
RT: 4.727 min Scan# 597
Delta R.T. -0.000 min
Lab File: VX022616.D
Acq: 09 Jun 2021 16:06

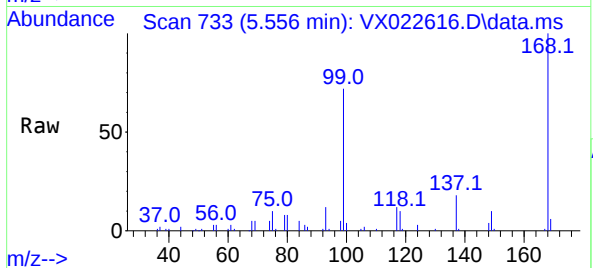
Tgt Ion: 43 Resp: 4273
Ion Ratio Lower Upper
43 100
61 0.0 12.8 19.2#
70 2.9 10.5 15.7#



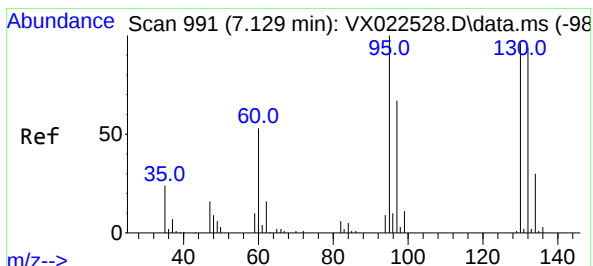
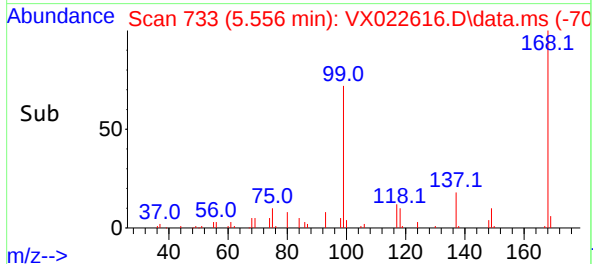
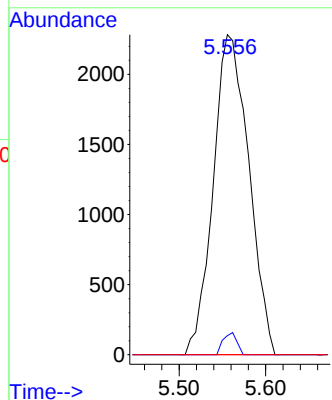


#38
Carbon Tetrachloride
Concen: 8.11 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX022616.D
Acq: 09 Jun 2021 16:06

Instrument :
MSVOA_X
ClientSampled :

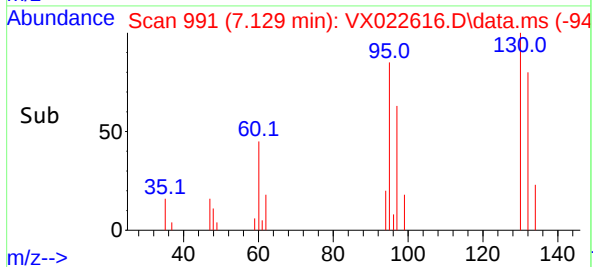
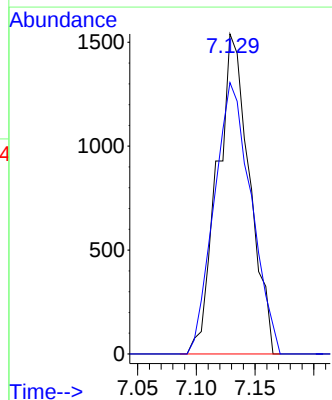
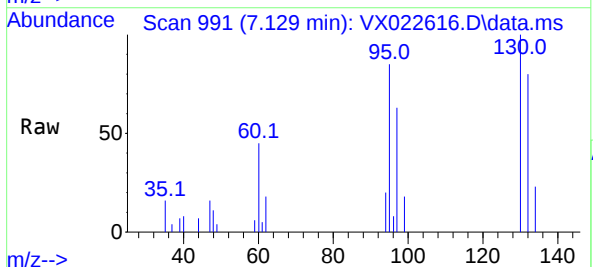


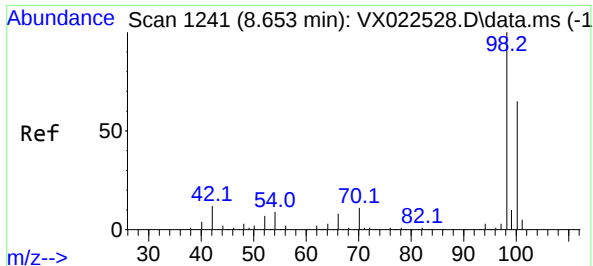
Tgt Ion:117 Resp: 6523
Ion Ratio Lower Upper
117 100
119 6.0 76.2 114.2#
121 0.0 24.8 37.2#



#44
Trichloroethene
Concen: 3.61 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX022616.D
Acq: 09 Jun 2021 16:06

Tgt Ion:130 Resp: 2939
Ion Ratio Lower Upper
130 100
95 84.8 0.0 198.0





#50

Toluene-d8

Concen: 49.05 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX022616.D

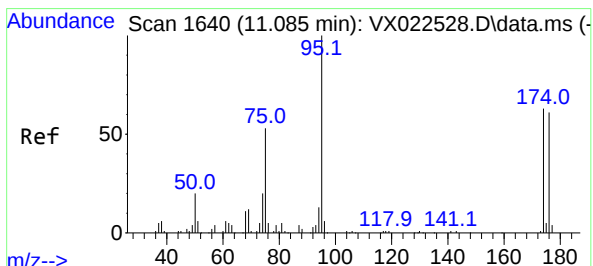
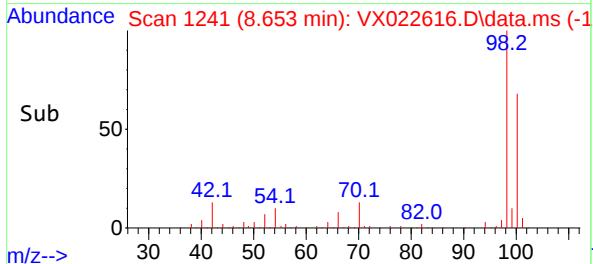
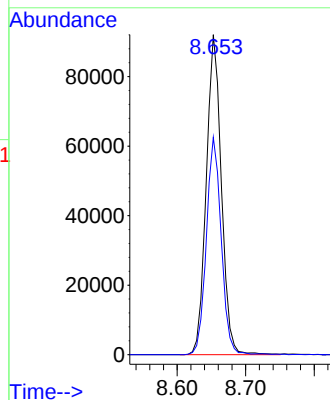
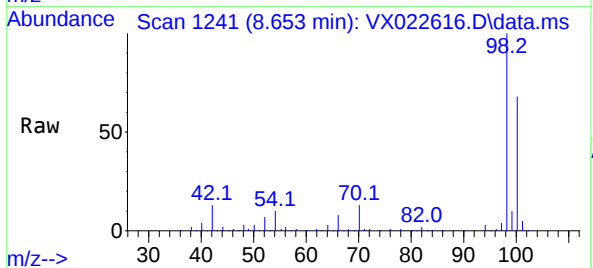
Acq: 09 Jun 2021 16:06

Tgt Ion: 98 Resp: 141458

Ion Ratio Lower Upper

98 100

100 66.6 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 45.51 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX022616.D

Acq: 09 Jun 2021 16:06

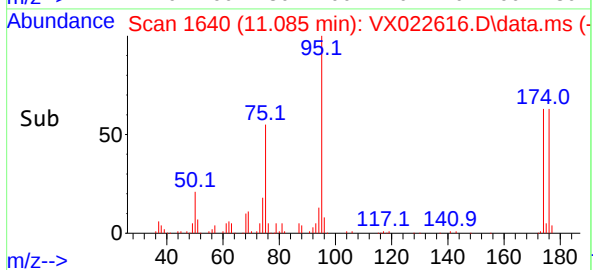
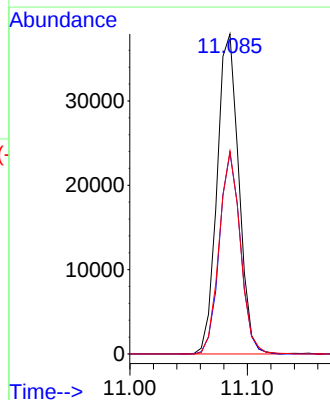
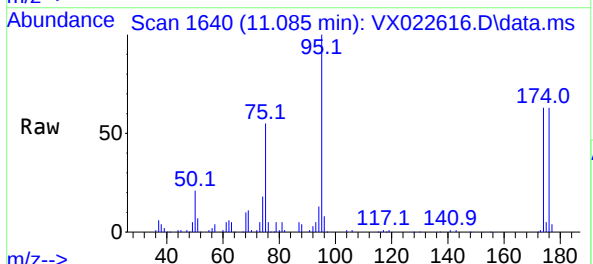
Tgt Ion: 95 Resp: 48785

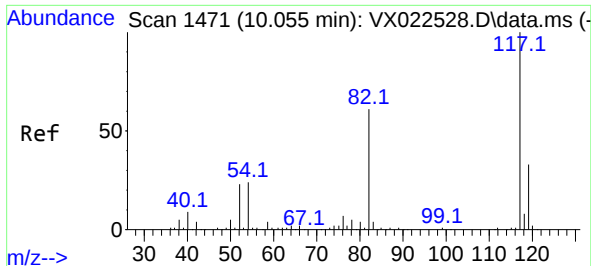
Ion Ratio Lower Upper

95 100

174 60.8 0.0 154.6

176 61.6 0.0 155.8

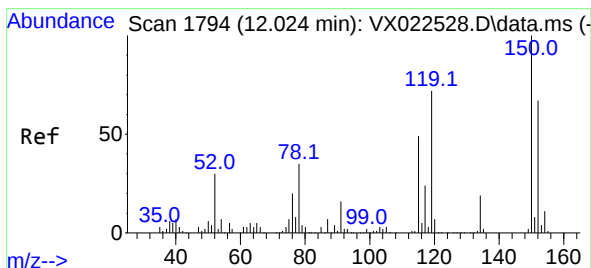
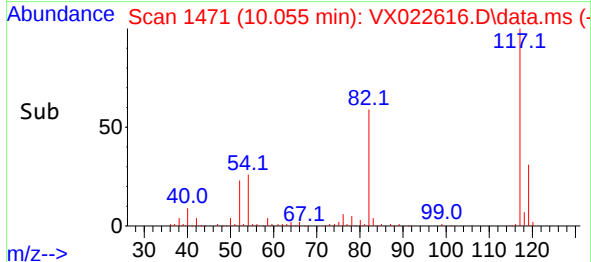
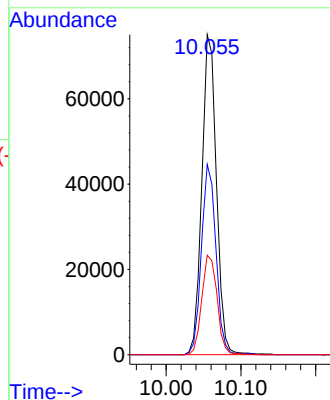
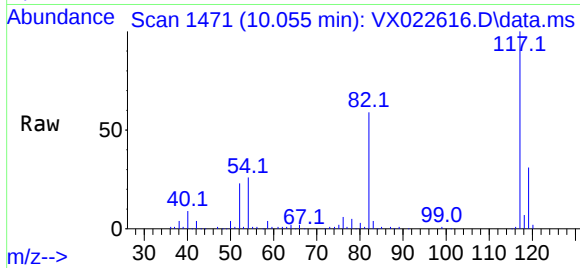




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX022616.D
Acq: 09 Jun 2021 16:06

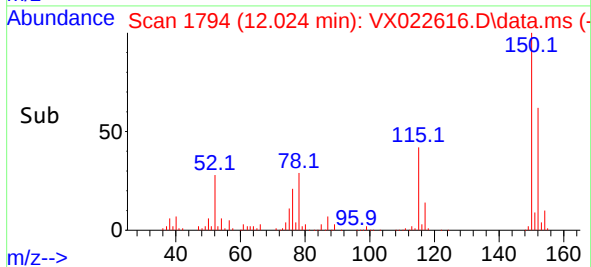
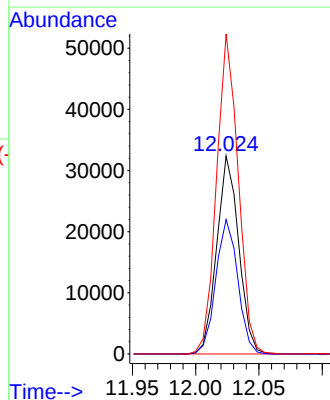
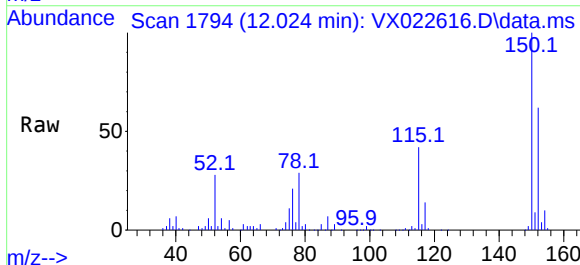
Instrument :
MSVOA_X
ClientSampleId :

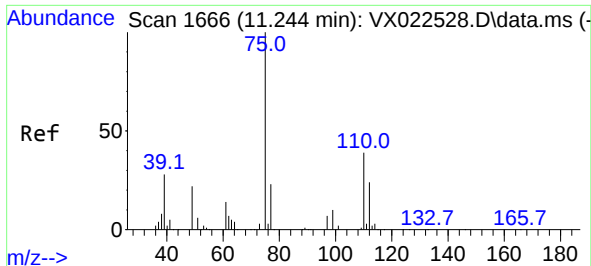
Tgt Ion:117 Resp: 101848
Ion Ratio Lower Upper
117 100
82 59.5 47.4 71.2
119 31.1 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX022616.D
Acq: 09 Jun 2021 16:06

Tgt Ion:152 Resp: 39043
Ion Ratio Lower Upper
152 100
115 67.9 41.1 123.3
150 159.4 0.0 349.0

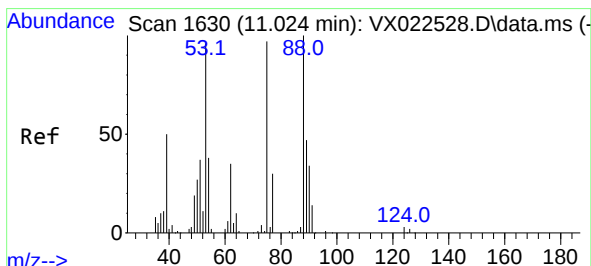
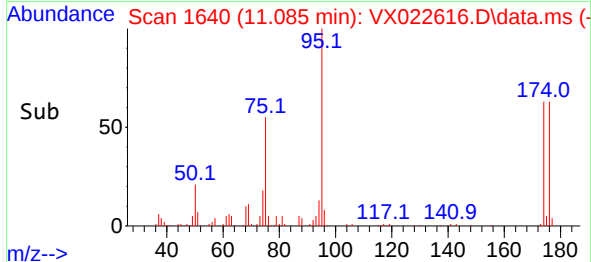
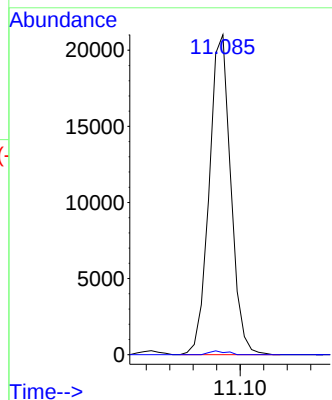
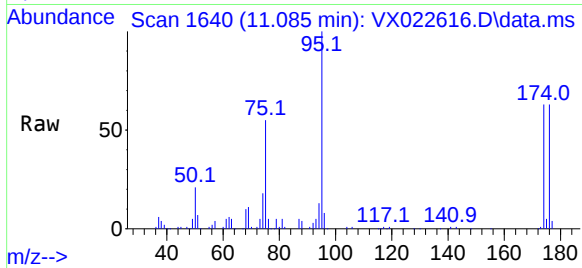




#76
1,2,3-Trichloropropane
Concen: 26.53 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022616.D
Acq: 09 Jun 2021 16:06

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 26836
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.30 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022616.D
Acq: 09 Jun 2021 16:06

Tgt Ion: 75 Resp: 26836
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

