

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061721\
 Data File : VX022747.D
 Acq On : 17 Jun 2021 17:49
 Operator : JC/MD
 Sample : M2750-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D2-20210615

Quant Time: Jun 18 01:18:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 12:20:00 2021
 Response via : Initial Calibration

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

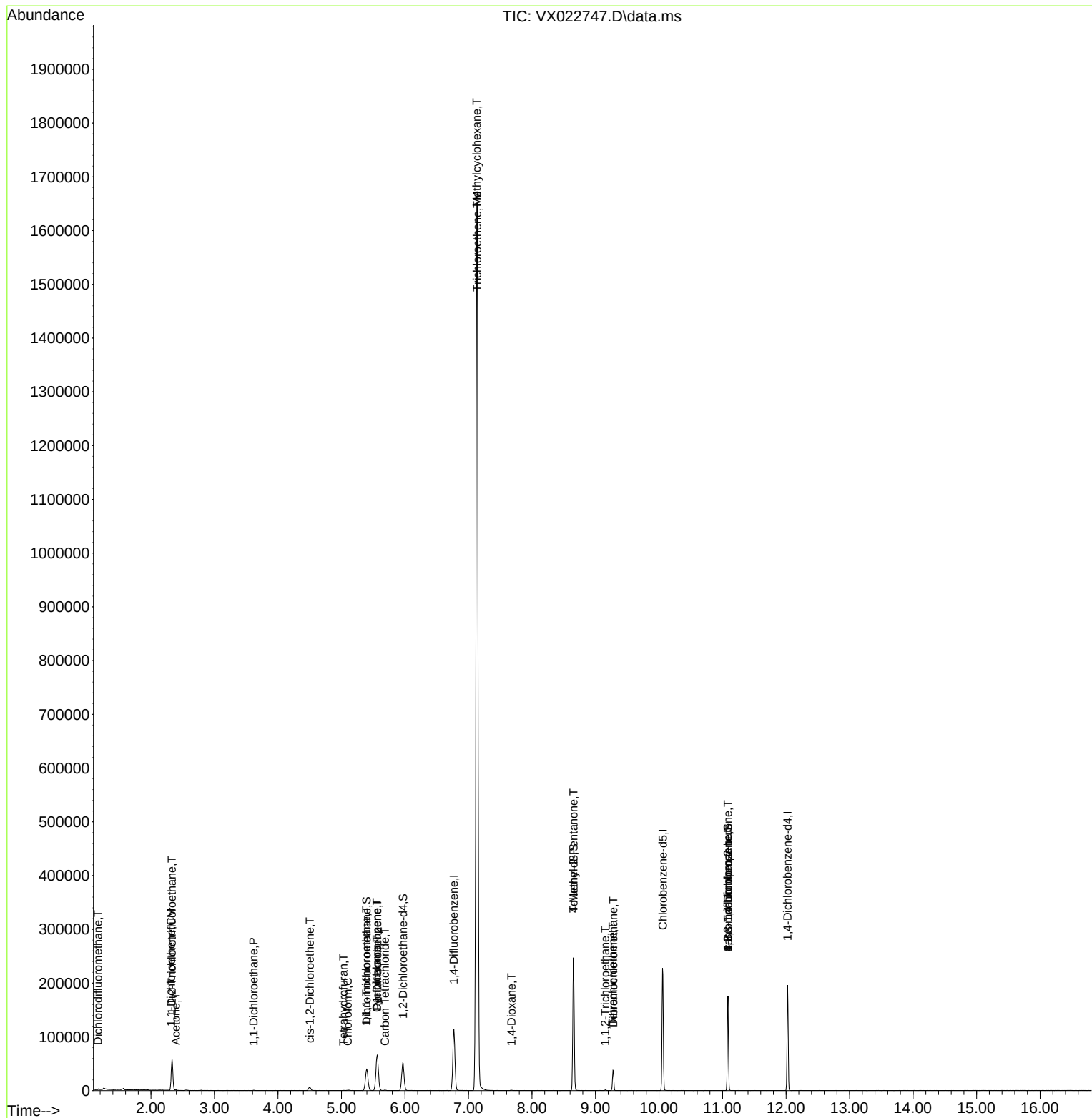
Internal Standards						
1) Pentafluorobenzene	5.562	168	55275	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	111654	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	96206	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	34942	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	47494	47.78	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.56%
35) Dibromofluoromethane	5.397	113	33590	47.15	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.30%
50) Toluene-d8	8.653	98	135808	48.36	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.72%
62) 4-Bromofluorobenzene	11.085	95	45253	42.61	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.22%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	380	0.59	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	21513	31.80	ug/l	90
12) 1,1-Dichloroethene	2.319	96	2222	3.31	ug/l	98
16) Acetone	2.392	43	1069	2.40	ug/l	# 81
24) 1,1-Dichloroethane	3.617	63	1027	0.69	ug/l	# 81
27) cis-1,2-Dichloroethene	4.501	96	3538	3.90	ug/l	94
29) Tetrahydrofuran	5.031	42	134	0.32	ug/l	# 27
30) Chloroform	5.099	83	466	0.31	ug/l	# 78
31) Cyclohexane	5.556	56	1768	1.47	ug/l	# 37
32) 1,1,1-Trichloroethane	5.391	97	61	0.95	ug/l	# 24
36) 1,1-Dichloropropene	5.556	75	5604	5.04	ug/l	# 47
38) Carbon Tetrachloride	5.684	117	604	0.63	ug/l	# 89
39) Methylcyclohexane	7.129	83	8168	7.04	ug/l	# 1
44) Trichloroethene	7.135	130	568868	732.16	ug/l	93
49) 1,4-Dioxane	7.677	88	526	25.78	ug/l	# 84
51) 4-Methyl-2-Pentanone	8.653	43	735	0.52	ug/l	# 1
55) 1,1,2-Trichloroethane	9.153	97	405	0.48	ug/l	94
60) Dibromochloromethane	9.281	129	6315	10.31	ug/l	# 11
64) Tetrachloroethene	9.275	164	6202	10.19	ug/l	92
76) 1,2,3-Trichloropropane	11.085	75	23968	25.87	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.085	75	23968	64.93	ug/l	# 12

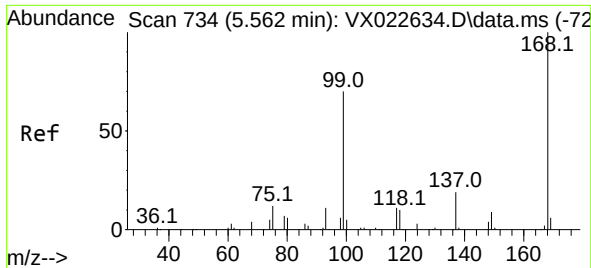
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 18 01:18:31 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 10 12:20:00 2021
Response via : Initial Calibration

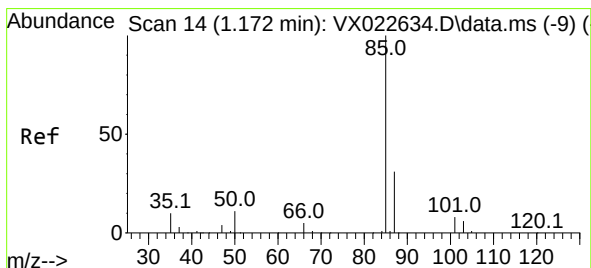
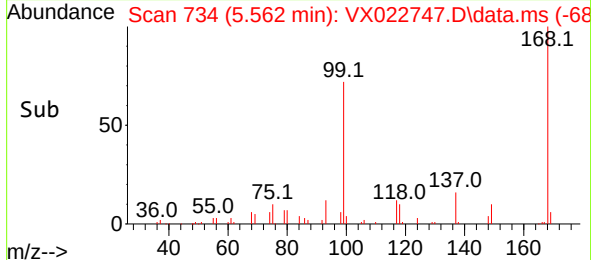
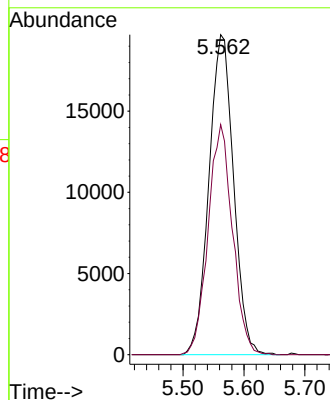
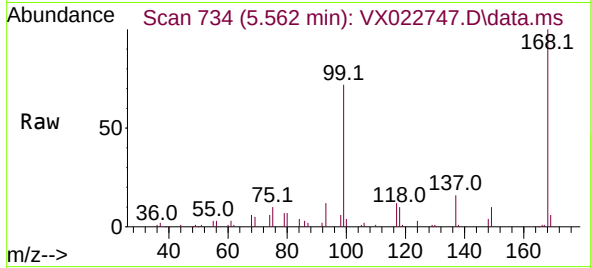




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022747.D
Acq: 17 Jun 2021 17:49

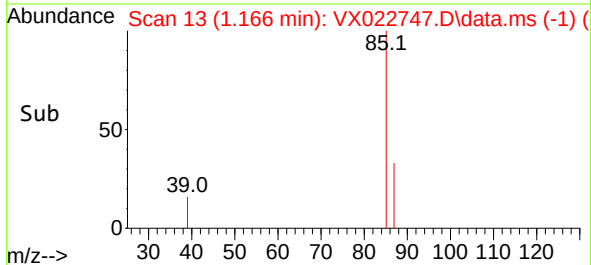
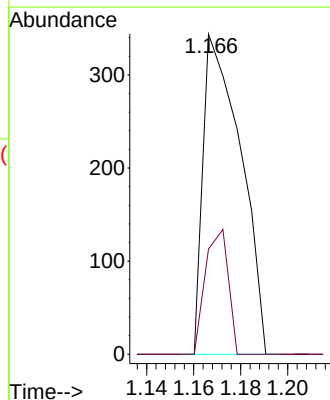
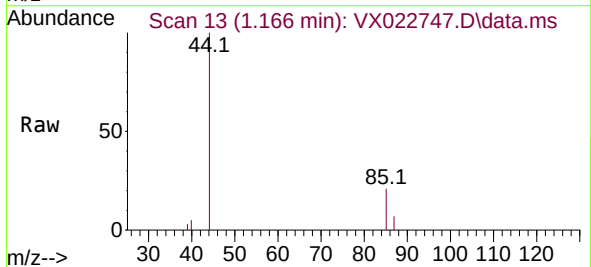
Instrument :
MSVOA_X
ClientSampleId :
RE120D2-20210615

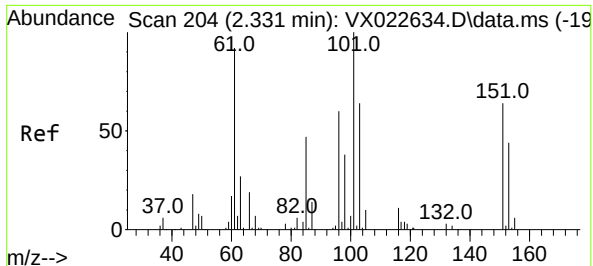
Tgt Ion:168 Resp: 55275
Ion Ratio Lower Upper
168 100
99 71.9 45.8 68.6#



#2
Dichlorodifluoromethane
Concen: 0.59 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX022747.D
Acq: 17 Jun 2021 17:49

Tgt Ion: 85 Resp: 380
Ion Ratio Lower Upper
85 100
87 32.8 16.4 49.2

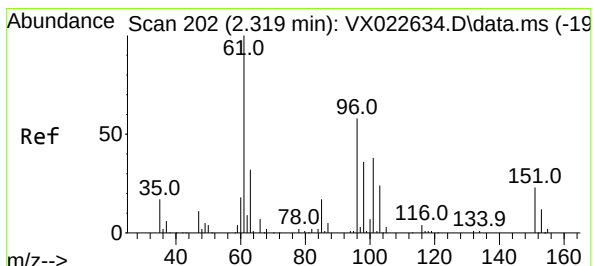
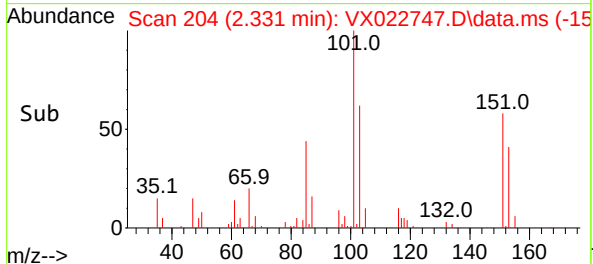
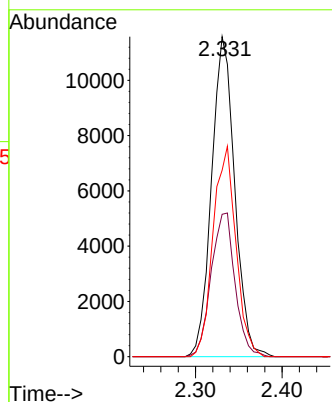
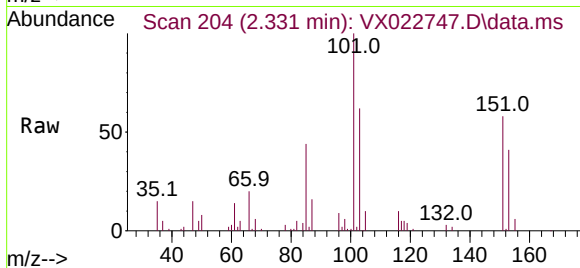




#9
1,1,2-Trichlorotrifluoroethane
Concen: 31.80 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX022747.D
Acq: 17 Jun 2021 17:49

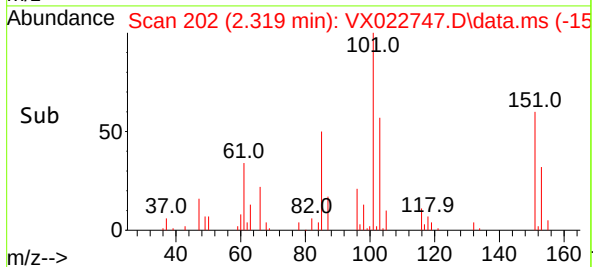
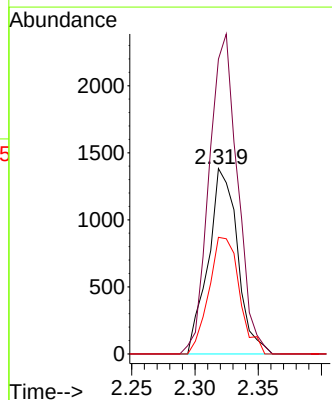
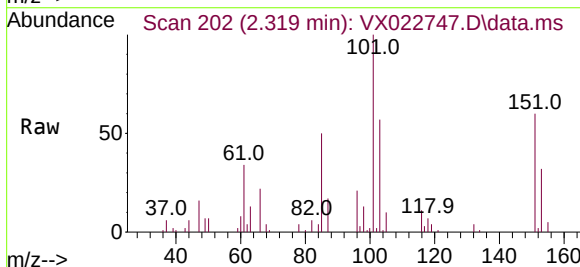
Instrument :
MSVOA_X
ClientSampleId :
RE120D2-20210615

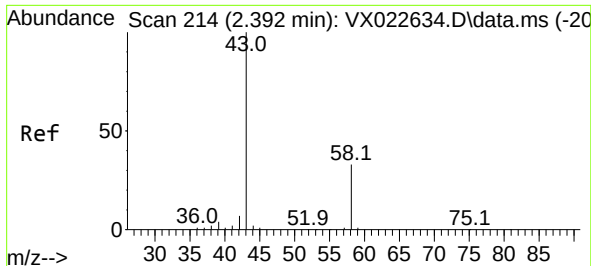
Tgt Ion:	101	Resp:	21513
Ion	Ratio	Lower	Upper
101	100		
85	46.3	34.9	52.3
151	64.9	61.4	92.2



#12
1,1-Dichloroethene
Concen: 3.31 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX022747.D
Acq: 17 Jun 2021 17:49

Tgt Ion:	96	Resp:	2222
Ion	Ratio	Lower	Upper
96	100		
61	159.1	124.6	187.0
98	63.0	50.6	76.0

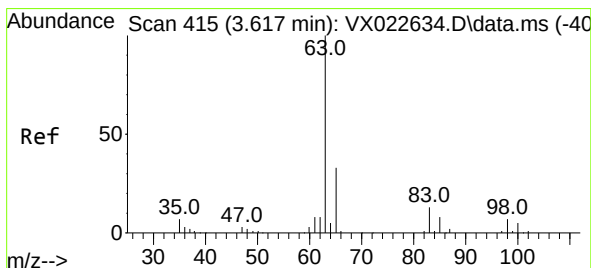
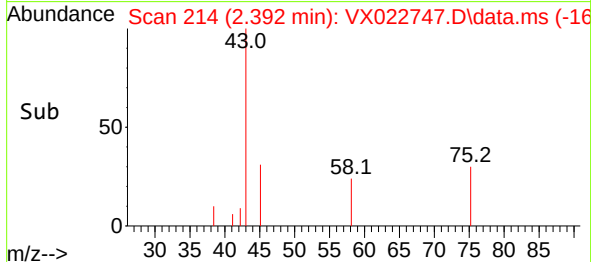
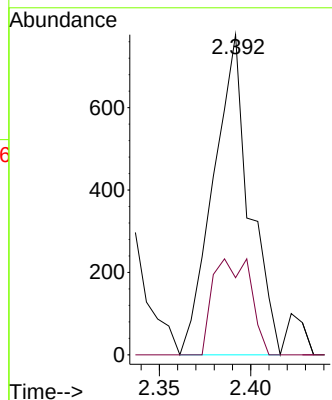
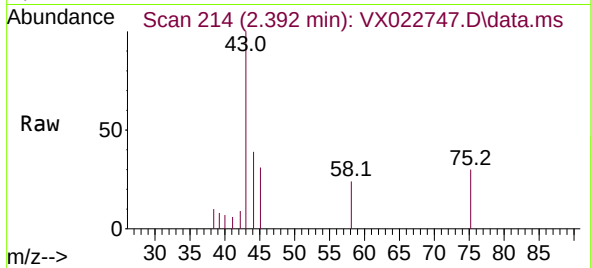




#16
Acetone
Concen: 2.40 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022747.D
Acq: 17 Jun 2021 17:49

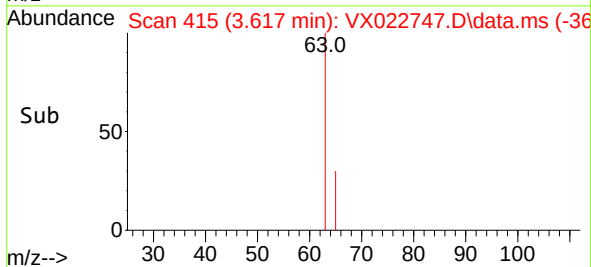
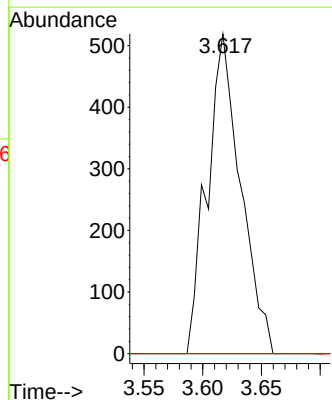
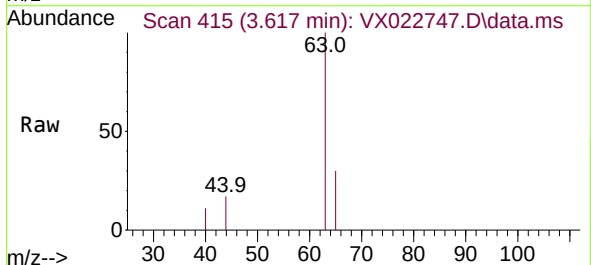
Instrument :
MSVOA_X
ClientSampleId :
RE120D2-20210615

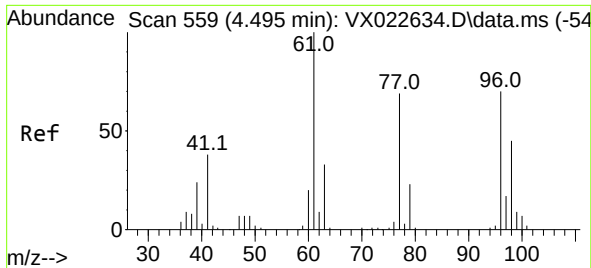
Tgt Ion: 43 Resp: 1069
Ion Ratio Lower Upper
43 100
58 24.1 27.8 41.8#



#24
1,1-Dichloroethane
Concen: 0.69 ug/l
RT: 3.617 min Scan# 415
Delta R.T. 0.006 min
Lab File: VX022747.D
Acq: 17 Jun 2021 17:49

Tgt Ion: 63 Resp: 1027
Ion Ratio Lower Upper
63 100
98 0.0 3.8 11.2#
100 0.0 2.5 7.5#

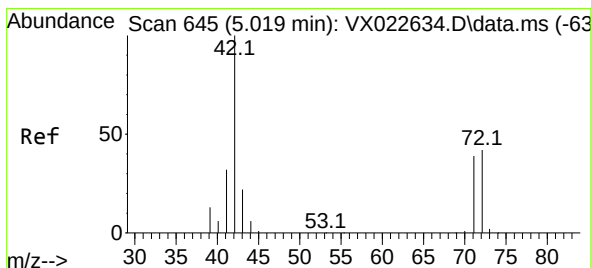
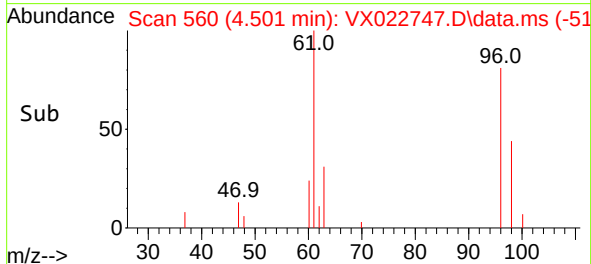
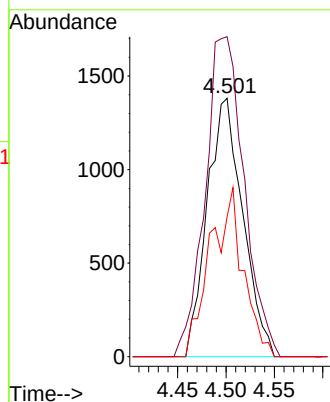
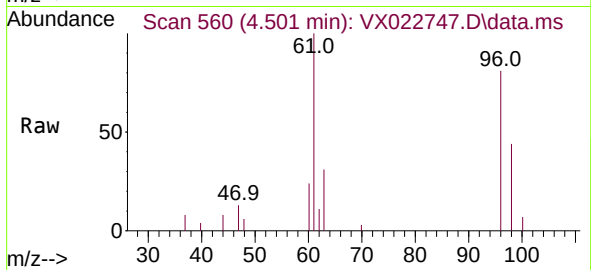




#27
 cis-1,2-Dichloroethene
 Concen: 3.90 ug/l
 RT: 4.501 min Scan# 560
 Delta R.T. 0.006 min
 Lab File: VX022747.D
 Acq: 17 Jun 2021 17:49

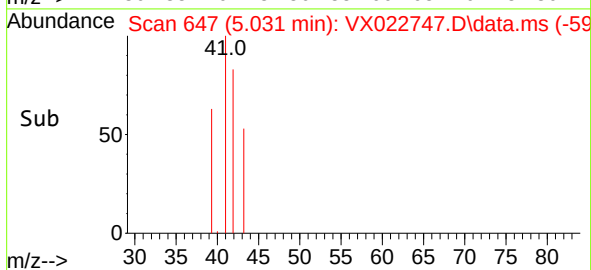
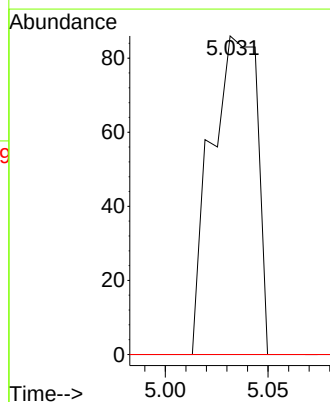
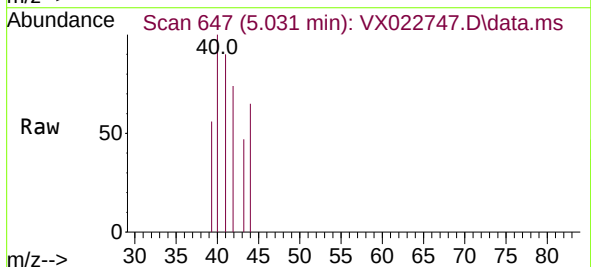
Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D2-20210615

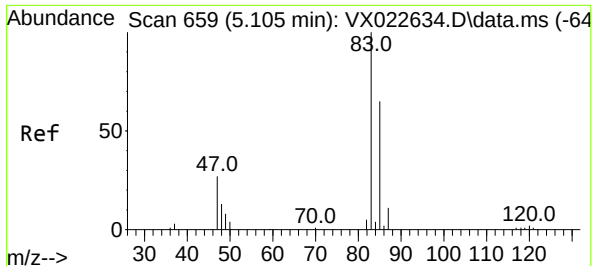
Tgt Ion: 96	Resp: 3538		
Ion	Ratio	Lower	Upper
96	100		
61	135.4	0.0	285.6
98	60.7	0.0	129.6



#29
 Tetrahydrofuran
 Concen: 0.32 ug/l
 RT: 5.031 min Scan# 647
 Delta R.T. 0.018 min
 Lab File: VX022747.D
 Acq: 17 Jun 2021 17:49

Tgt Ion: 42	Resp: 134
Ion Ratio	Lower Upper
42 100	
72 0.0	41.7 62.5#
71 0.0	38.4 57.6#





#30

Chloroform

Concen: 0.31 ug/l

RT: 5.099 min Scan# 658

Delta R.T. -0.006 min

Lab File: VX022747.D

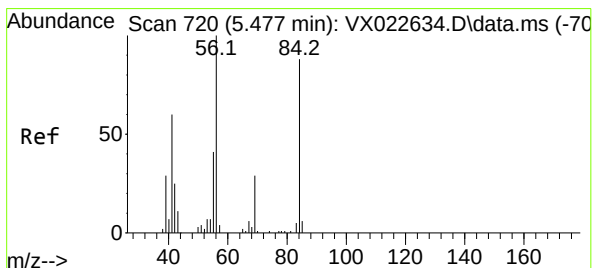
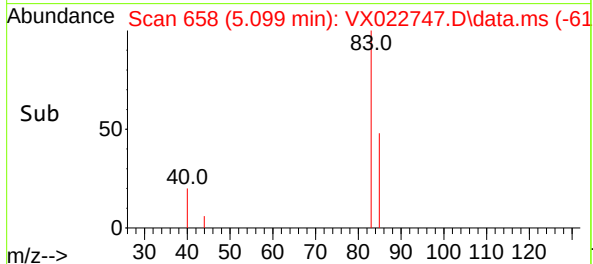
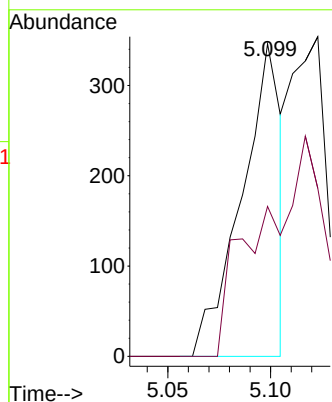
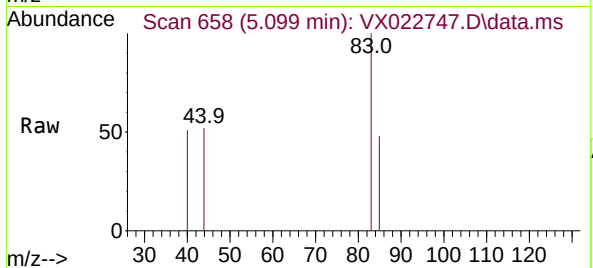
Acq: 17 Jun 2021 17:49

Tgt Ion: 83 Resp: 466

Ion Ratio Lower Upper

83 100

85 48.0 52.0 78.0#



#31

Cyclohexane

Concen: 1.47 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.079 min

Lab File: VX022747.D

Acq: 17 Jun 2021 17:49

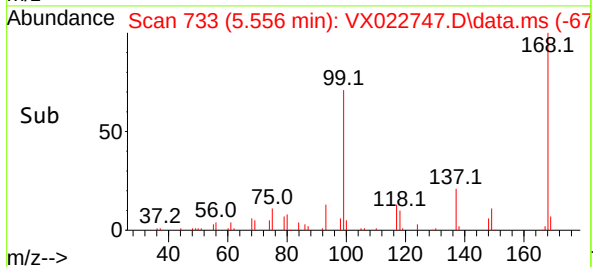
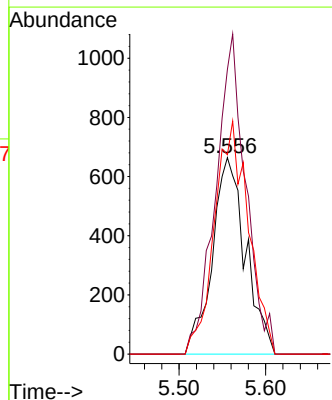
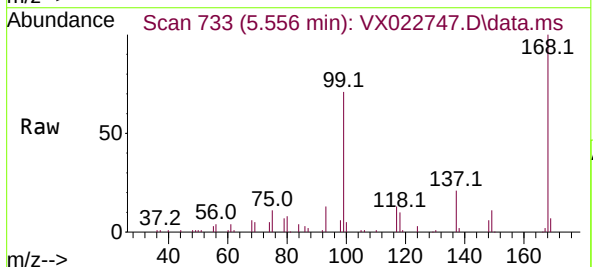
Tgt Ion: 56 Resp: 1768

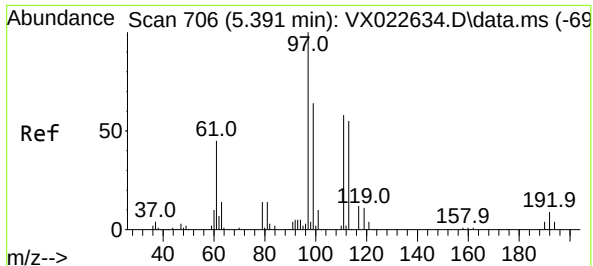
Ion Ratio Lower Upper

56 100

69 144.9 25.3 37.9#

84 101.5 71.4 107.0





#32

1,1,1-Trichloroethane

Concen: 0.95 ug/l

RT: 5.391 min Scan# 706

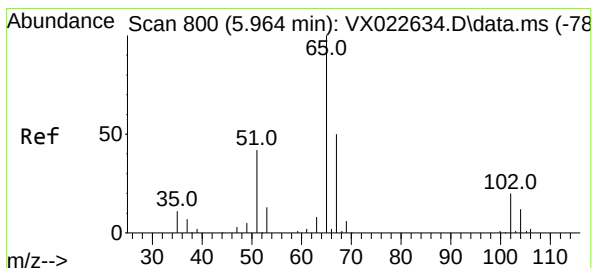
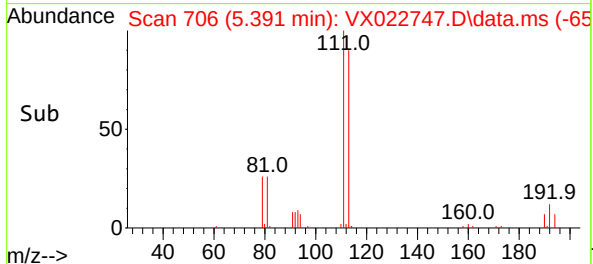
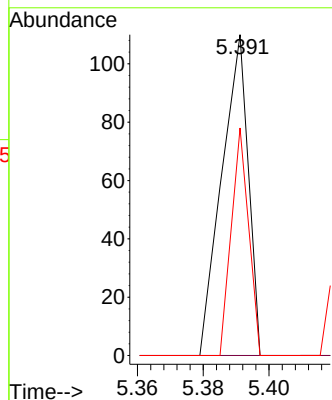
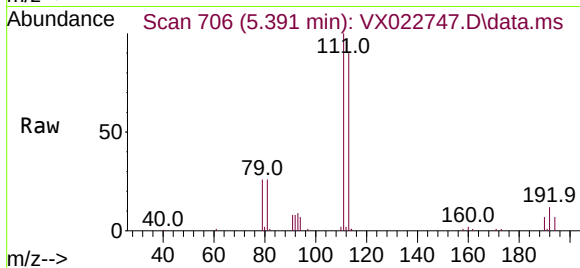
Delta R.T. 0.000 min

Lab File: VX022747.D

Acq: 17 Jun 2021 17:49

Tgt Ion:	97	Resp:	61
Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.5	77.3#
61	0.0	34.2	51.4#

Instrument :
MSVOA_X
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#33

1,2-Dichloroethane-d4

Concen: 47.78 ug/l

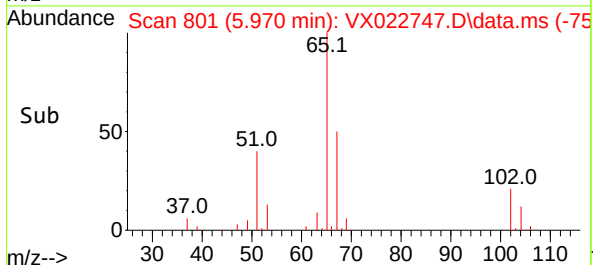
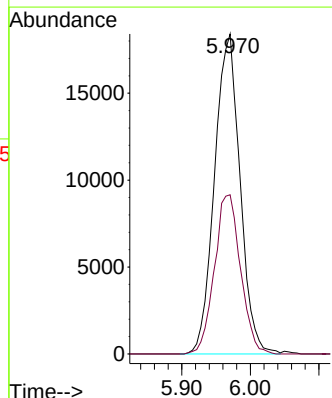
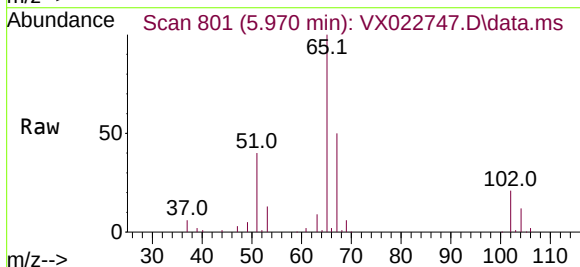
RT: 5.970 min Scan# 801

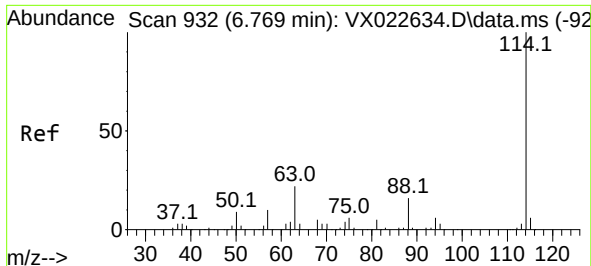
Delta R.T. 0.006 min

Lab File: VX022747.D

Acq: 17 Jun 2021 17:49

Tgt Ion:	65	Resp:	47494
Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	105.4

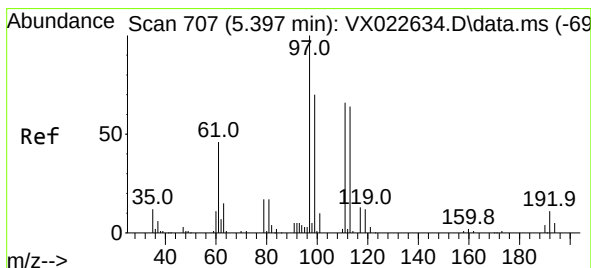
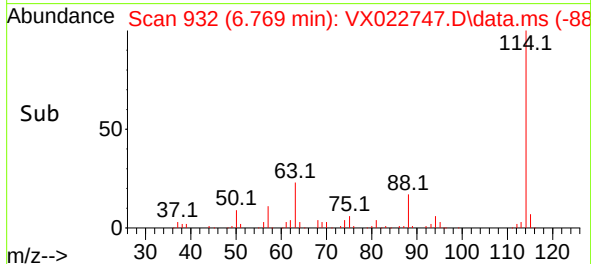
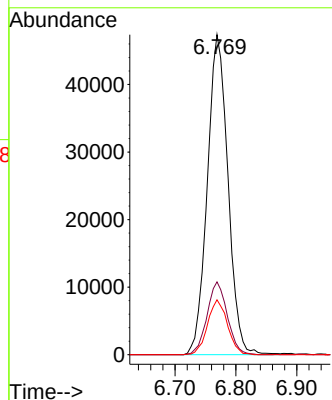
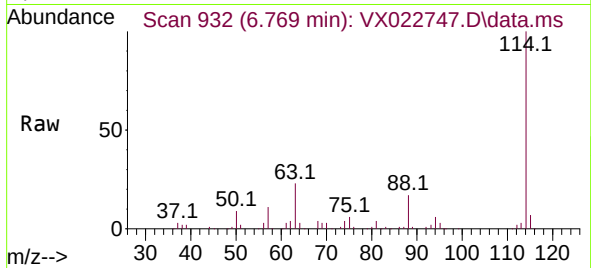




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022747.D
Acq: 17 Jun 2021 17:49

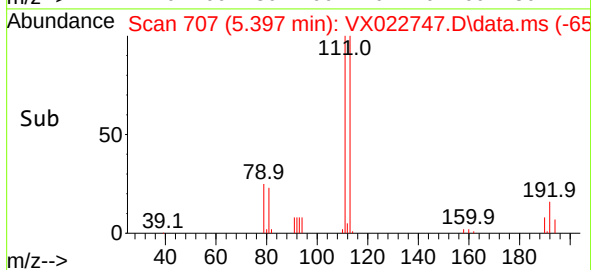
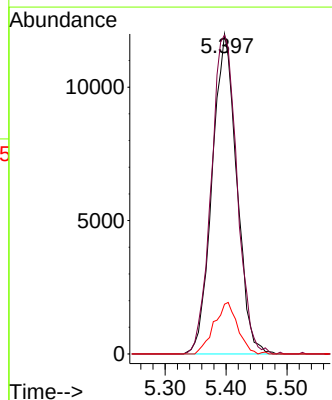
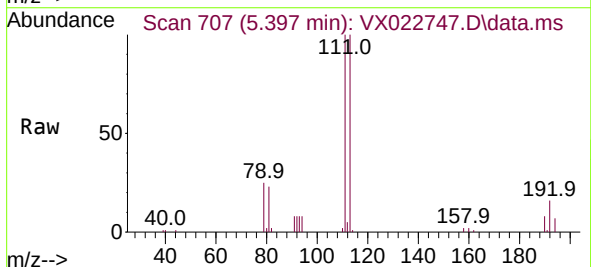
Instrument :
MSVOA_X
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RE120D2-20210615

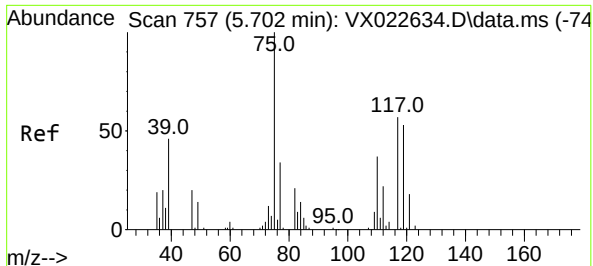
Tgt Ion:114 Resp: 111654
Ion Ratio Lower Upper
114 100
63 22.8 0.0 40.8
88 17.2 0.0 32.8



#35
Dibromofluoromethane
Concen: 47.15 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022747.D
Acq: 17 Jun 2021 17:49

Tgt Ion:113 Resp: 33590
Ion Ratio Lower Upper
113 100
111 104.6 81.9 122.9
192 15.4 16.7 25.1#

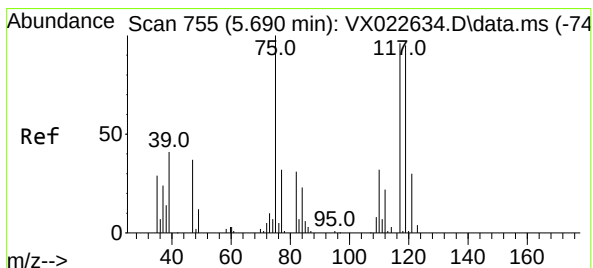
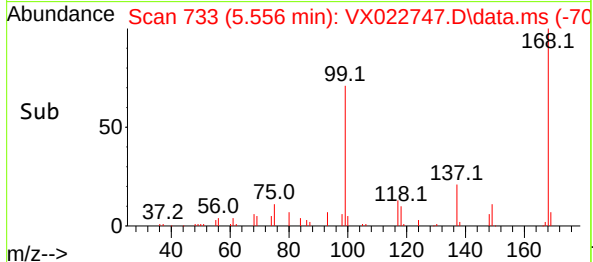
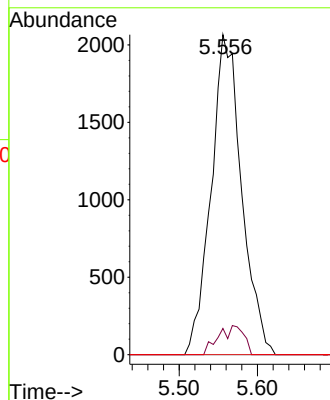
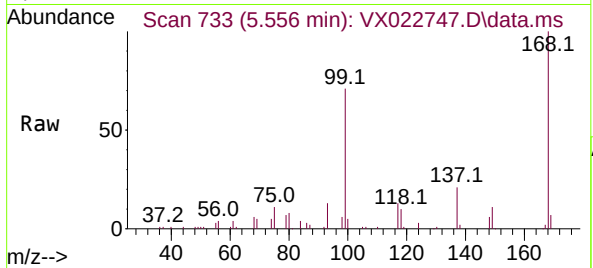




#36
1,1-Dichloropropene
Concen: 5.04 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX022747.D
Acq: 17 Jun 2021 17:49

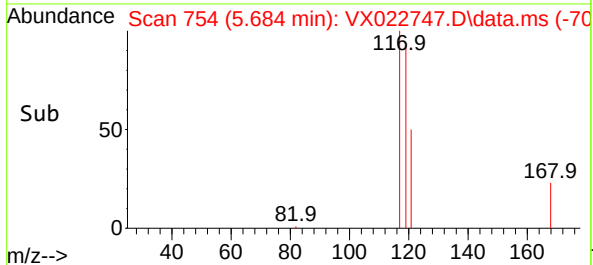
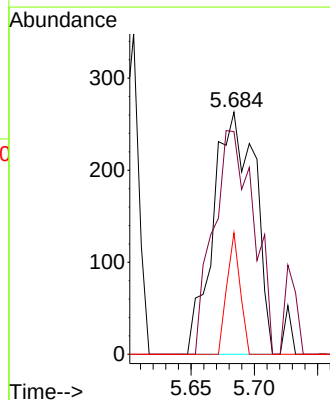
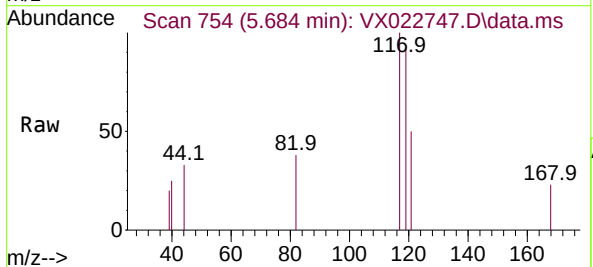
Instrument :
MSVOA_X
ClientSampleId :
RE120D2-20210615

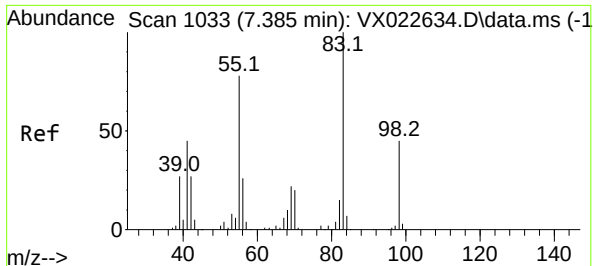
Tgt Ion: 75 Resp: 5604
Ion Ratio Lower Upper
75 100
110 7.5 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 0.63 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.006 min
Lab File: VX022747.D
Acq: 17 Jun 2021 17:49

Tgt Ion: 117 Resp: 604
Ion Ratio Lower Upper
117 100
119 92.0 76.2 114.2
121 50.2 24.8 37.2#





#39

Methylcyclohexane

Concen: 7.04 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.256 min

Lab File: VX022747.D

Acq: 17 Jun 2021 17:49

Tgt Ion: 83 Resp: 8168

Ion Ratio Lower Upper

83 100

55 0.0 58.9 88.3#

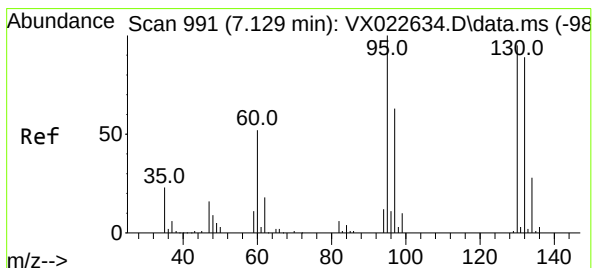
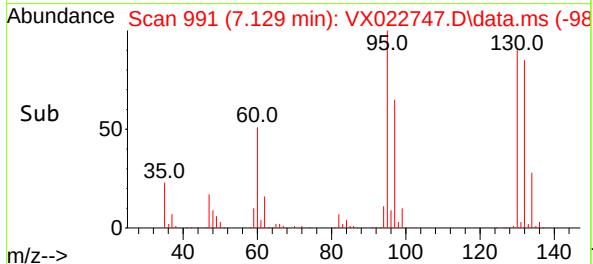
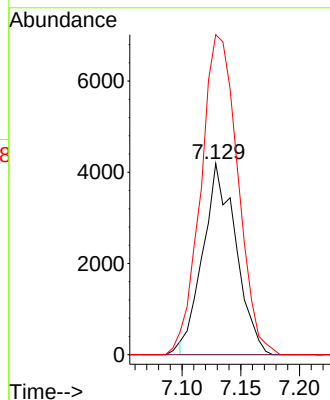
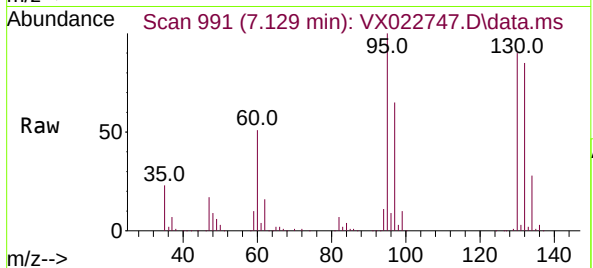
98 167.4 38.1 57.1#

Instrument :

MSVOA_X

ClientSampleId :

RE120D2-20210615



#44

Trichloroethene

Concen: 732.16 ug/l

RT: 7.135 min Scan# 992

Delta R.T. 0.006 min

Lab File: VX022747.D

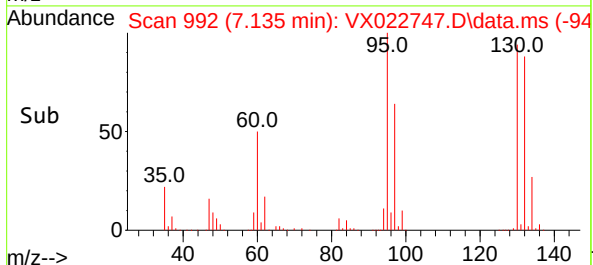
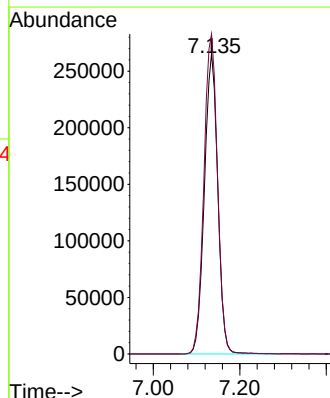
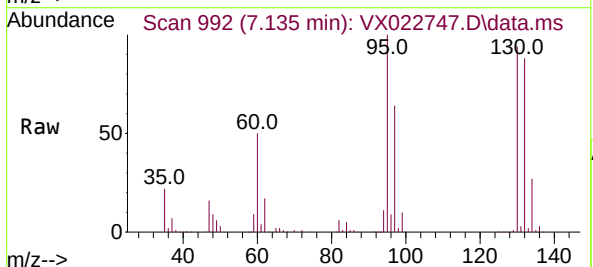
Acq: 17 Jun 2021 17:49

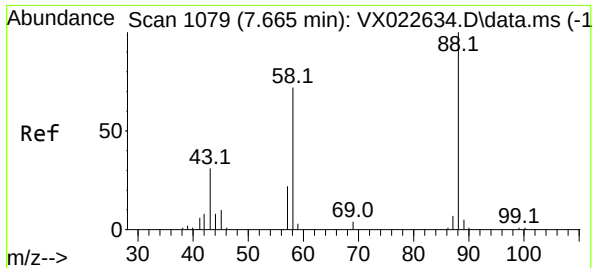
Tgt Ion:130 Resp: 568868

Ion Ratio Lower Upper

130 100

95 106.4 0.0 198.0

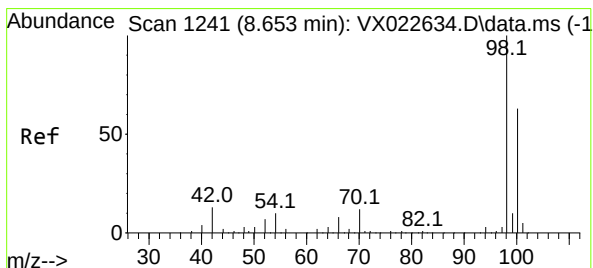
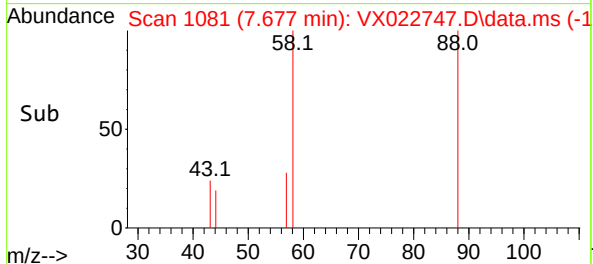
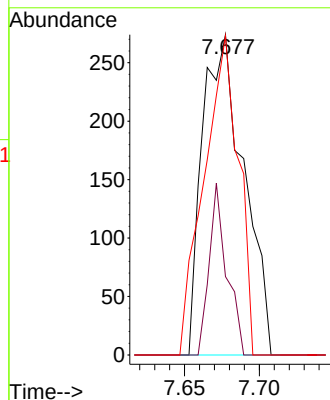
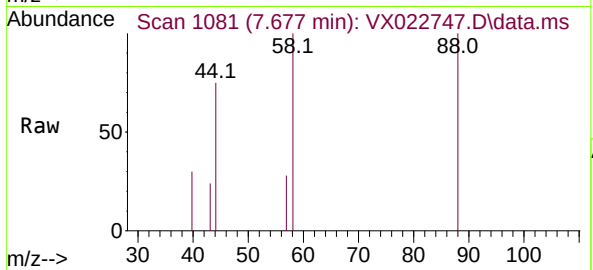




#49
1,4-Dioxane
Concen: 25.78 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. 0.012 min
Lab File: VX022747.D
Acq: 17 Jun 2021 17:49

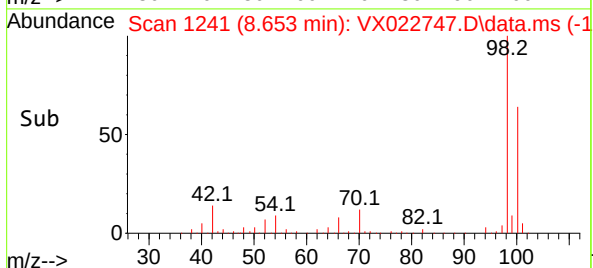
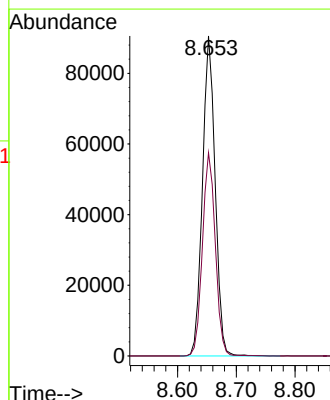
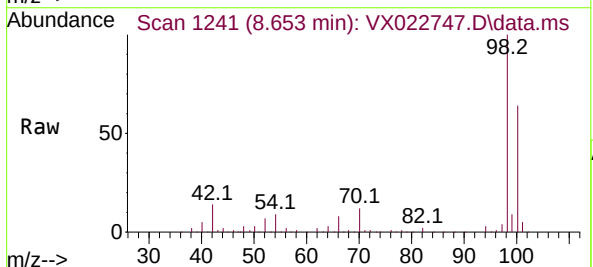
Instrument :
MSVOA_X
ClientSampleId :
RE120D2-20210615

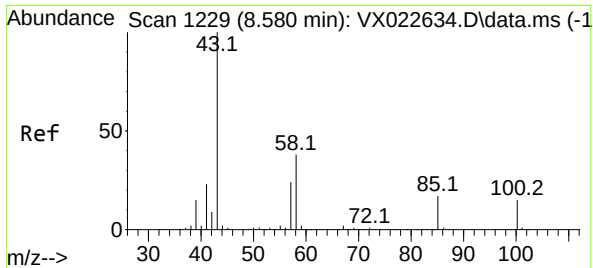
Tgt Ion: 88 Resp: 526
Ion Ratio Lower Upper
88 100
43 22.8 23.2 34.8#
58 82.9 55.0 82.4#



#50
Toluene-d8
Concen: 48.36 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022747.D
Acq: 17 Jun 2021 17:49

Tgt Ion: 98 Resp: 135808
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9

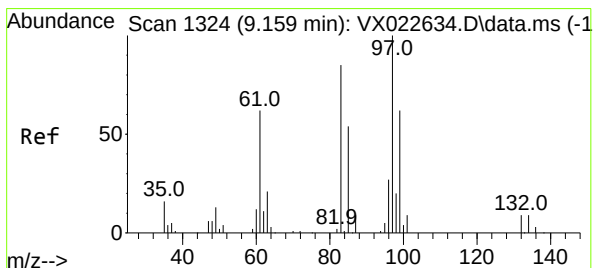
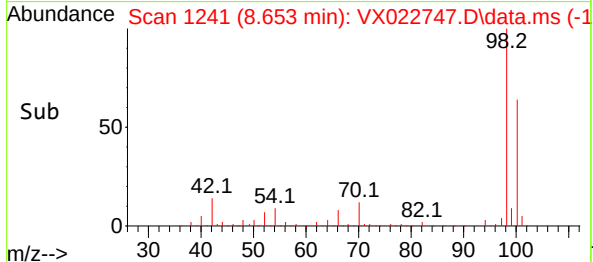
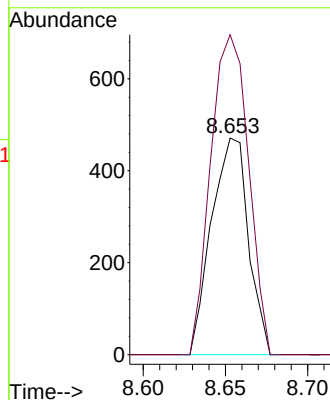
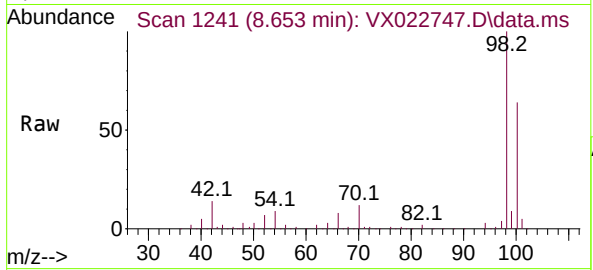




#51
4-Methyl-2-Pentanone
Concen: 0.52 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX022747.D
Acq: 17 Jun 2021 17:49

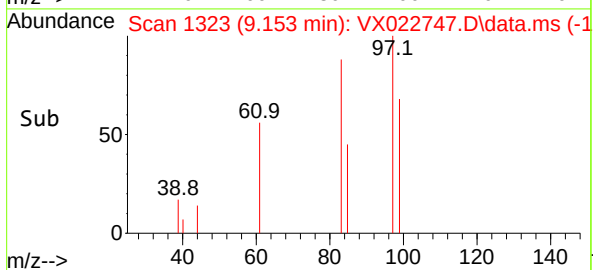
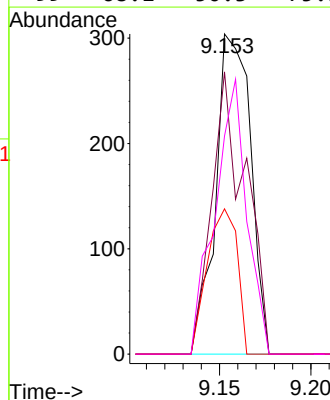
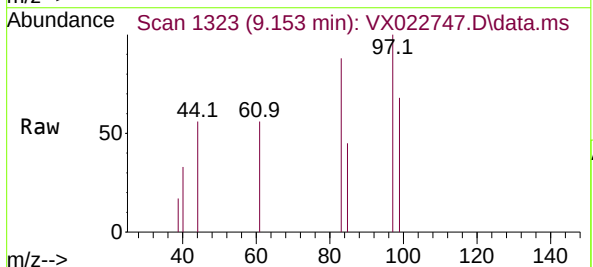
Instrument :
MSVOA_X
ClientSampleId :
RE120D2-20210615

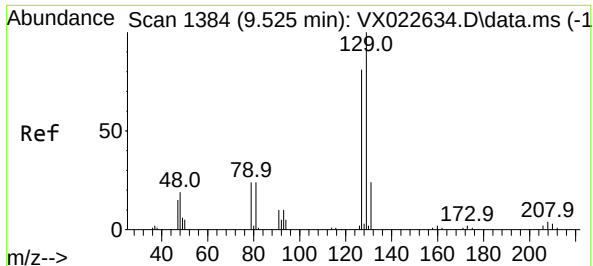
Tgt Ion: 43 Resp: 735
Ion Ratio Lower Upper
43 100
58 151.4 35.4 53.0#



#55
1,1,2-Trichloroethane
Concen: 0.48 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.006 min
Lab File: VX022747.D
Acq: 17 Jun 2021 17:49

Tgt Ion: 97 Resp: 405
Ion Ratio Lower Upper
97 100
83 88.2 69.3 103.9
85 45.4 44.3 66.5
99 68.1 50.3 75.5

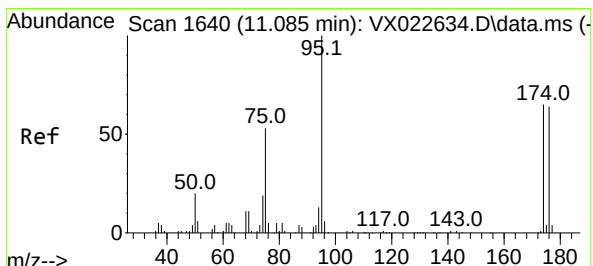
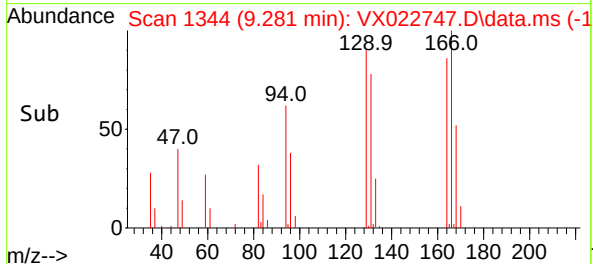
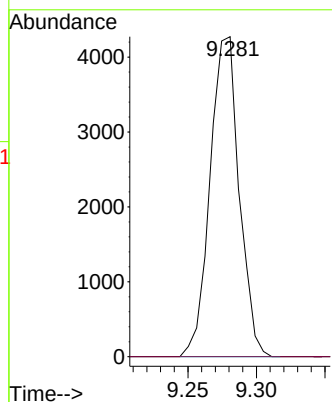
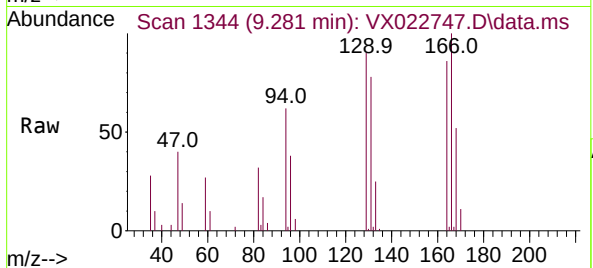




#60
Dibromochloromethane
Concen: 10.31 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.244 min
Lab File: VX022747.D
Acq: 17 Jun 2021 17:49

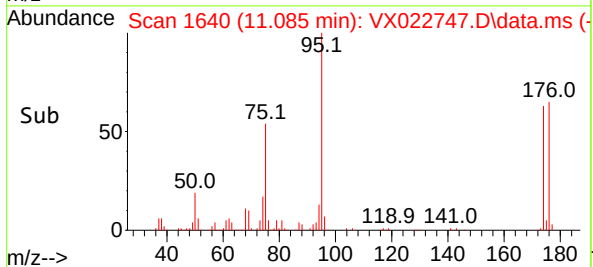
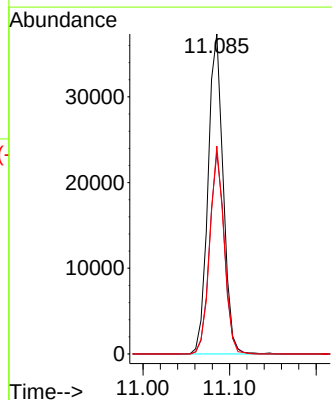
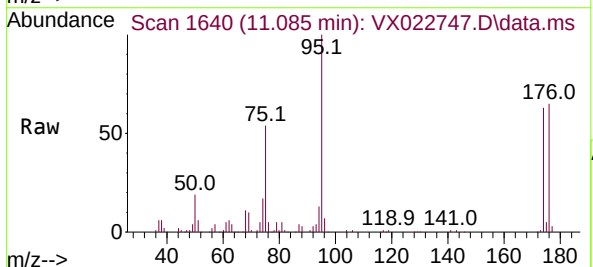
Instrument :
MSVOA_X
ClientSampleId :
RE120D2-20210615

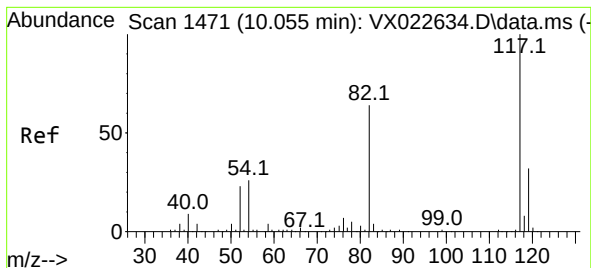
Tgt Ion:129 Resp: 6315
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 42.61 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022747.D
Acq: 17 Jun 2021 17:49

Tgt Ion: 95 Resp: 45253
Ion Ratio Lower Upper
95 100
174 61.4 0.0 154.6
176 61.2 0.0 155.8

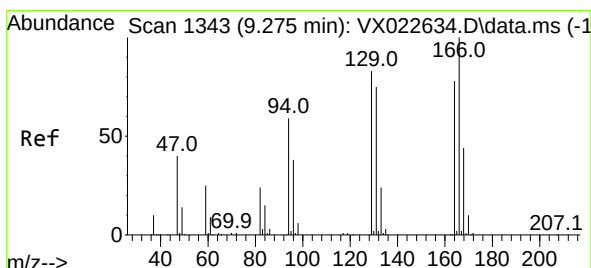
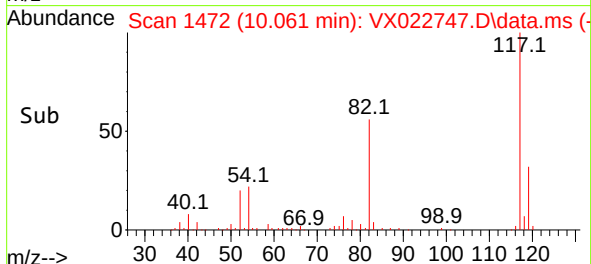
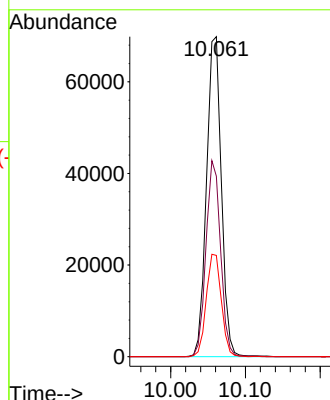
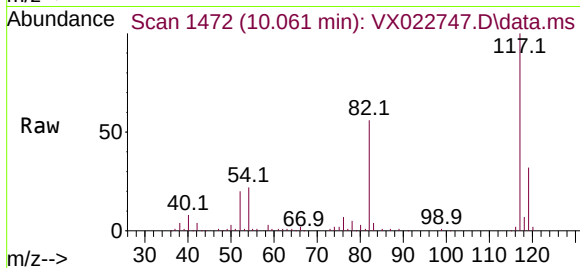




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX022747.D
Acq: 17 Jun 2021 17:49

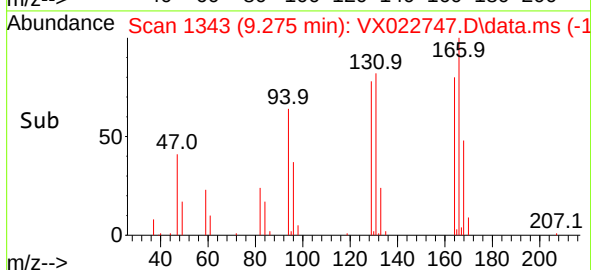
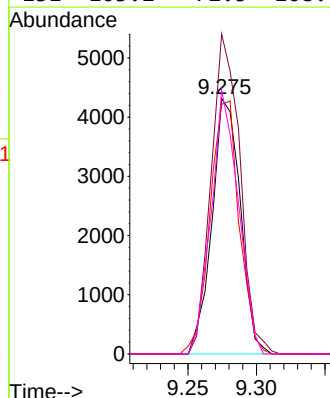
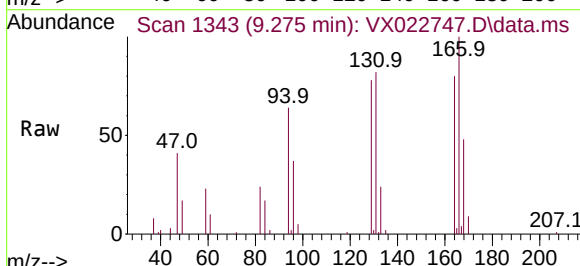
Instrument :
MSVOA_X
ClientSampleId :
RE120D2-20210615

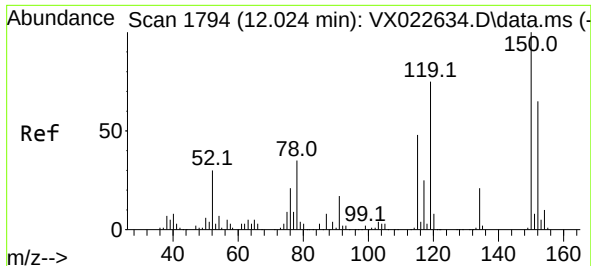
Tgt Ion:117 Resp: 96206
Ion Ratio Lower Upper
117 100
82 56.4 47.4 71.2
119 31.6 26.6 39.8



#64
Tetrachloroethene
Concen: 10.19 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.006 min
Lab File: VX022747.D
Acq: 17 Jun 2021 17:49

Tgt Ion:164 Resp: 6202
Ion Ratio Lower Upper
164 100
166 125.3 103.4 155.2
129 97.7 70.8 106.2
131 103.2 72.5 108.7

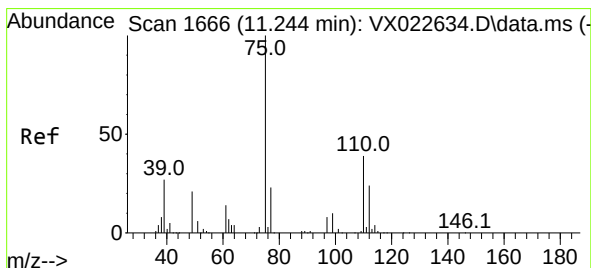
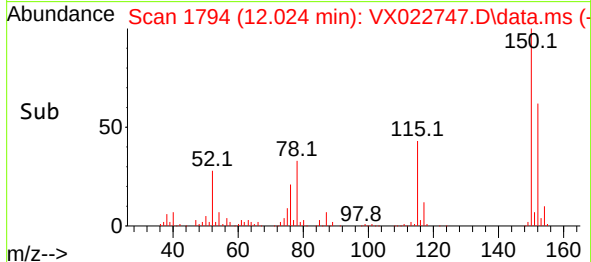
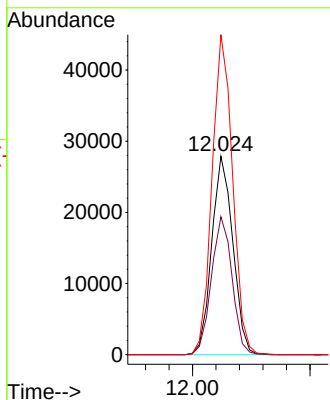
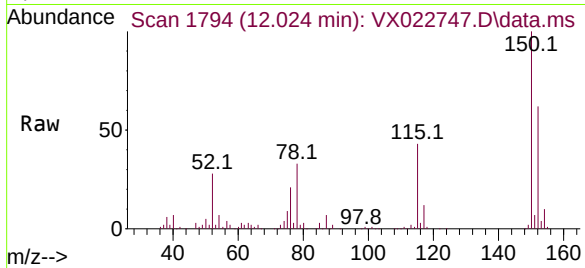




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. -0.000 min
 Lab File: VX022747.D
 Acq: 17 Jun 2021 17:49

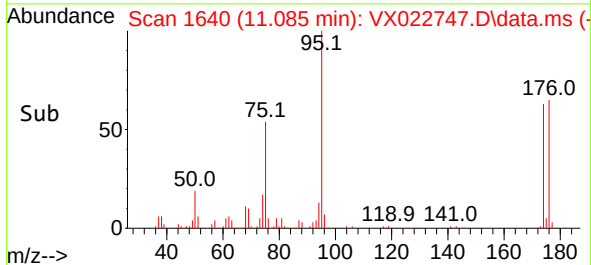
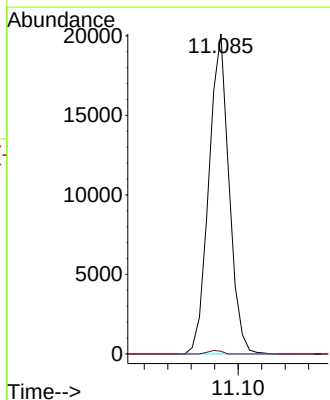
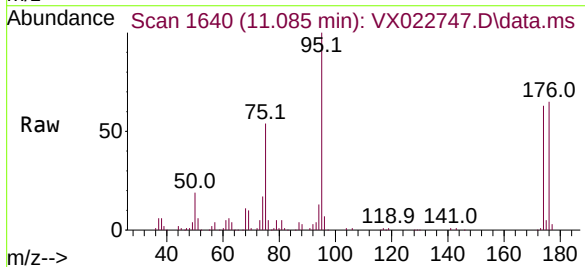
Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D2-20210615

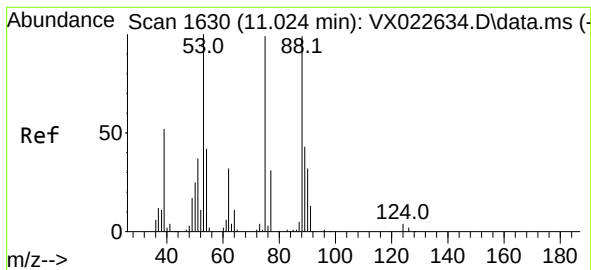
Tgt Ion:152 Resp: 34942
 Ion Ratio Lower Upper
 152 100
 115 67.9 41.1 123.3
 150 156.4 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 25.87 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX022747.D
 Acq: 17 Jun 2021 17:49

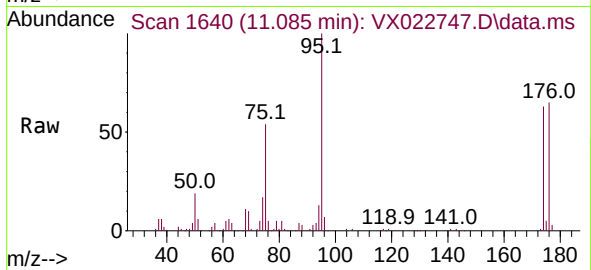
Tgt Ion: 75 Resp: 23968
 Ion Ratio Lower Upper
 75 100
 77 0.7 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.93 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX022747.D
 Acq: 17 Jun 2021 17:49

Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D2-20210615



Tgt Ion: 75 Resp: 23968
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

