

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061721\
 Data File : VX022731.D
 Acq On : 17 Jun 2021 11:32
 Operator : JC/MD
 Sample : M2750-08 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D1-20210615DL

Quant Time: Jun 18 01:16:08 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)

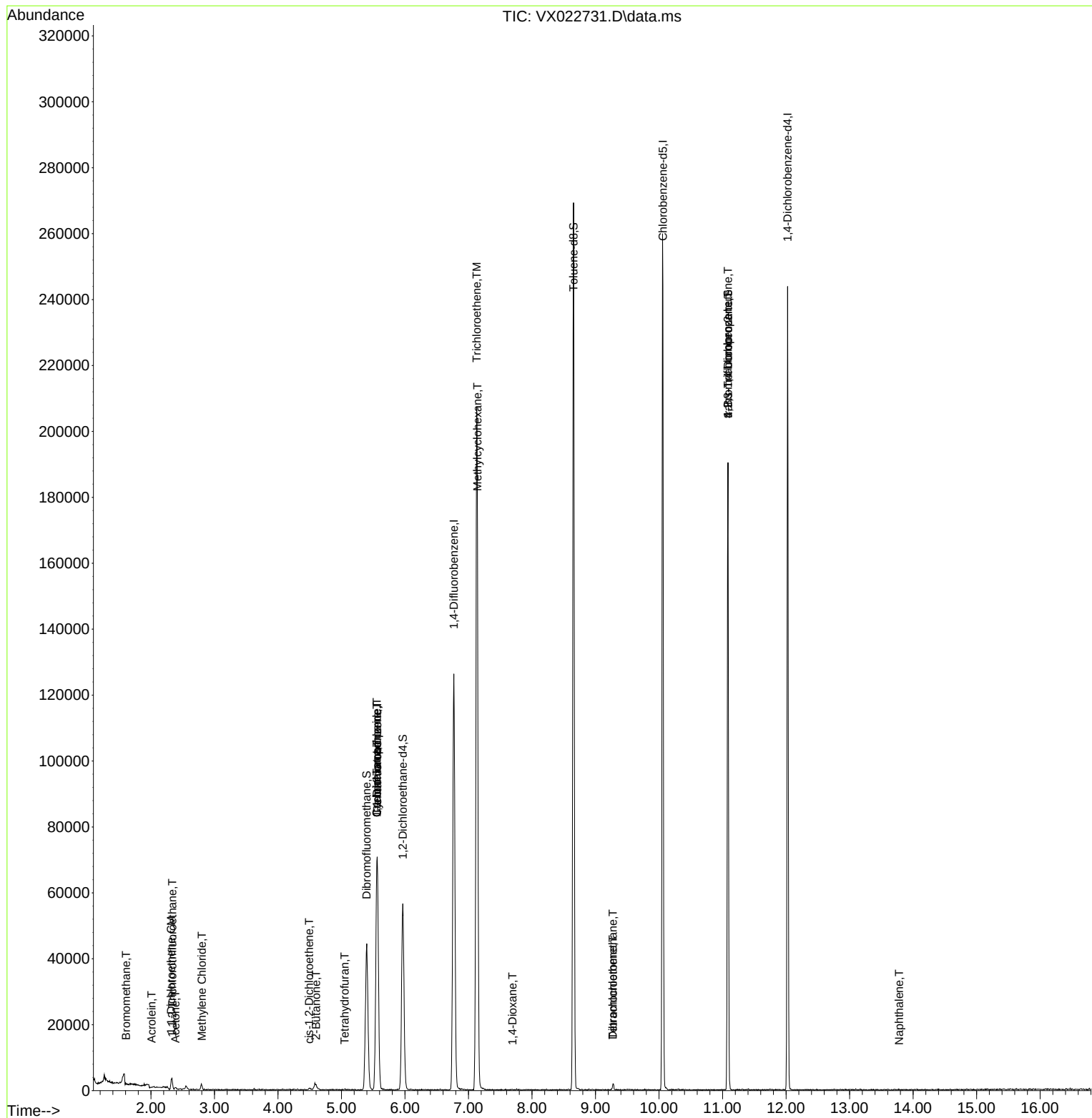
Internal Standards						
1) Pentafluorobenzene	5.562	168	59474	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	121901	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	109743	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	42387	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	51731	48.36	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.72%		
35) Dibromofluoromethane	5.397	113	36651	47.12	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.24%		
50) Toluene-d8	8.653	98	150654	49.14	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.28%		
62) 4-Bromofluorobenzene	11.085	95	51201	44.16	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	88.32%		
Target Compounds						Qvalue
5) Bromomethane	1.605	94	136	0.30	ug/l #	72
9) 1,1,2-Trichlorotrifluo...	2.337	101	893	1.23	ug/l	91
12) 1,1-Dichloroethene	2.318	96	505	0.70	ug/l	87
13) Acrolein	2.008	56	22	0.21	ug/l #	1
16) Acetone	2.386	43	737	1.54	ug/l #	63
20) Methylene Chloride	2.800	84	791	0.58	ug/l #	61
25) 2-Butanone	4.599	43	180	0.23	ug/l #	45
27) cis-1,2-Dichloroethene	4.489	96	209	0.21	ug/l	41
29) Tetrahydrofuran	5.050	42	97	0.21	ug/l #	27
31) Cyclohexane	5.556	56	1831	1.42	ug/l #	13
36) 1,1-Dichloropropene	5.556	75	6135	5.05	ug/l #	46
38) Carbon Tetrachloride	5.556	117	7170	6.90	ug/l #	17
39) Methylcyclohexane	7.141	83	1063	0.84	ug/l #	1
44) Trichloroethene	7.129	130	71630	84.44	ug/l	91
49) 1,4-Dioxane	7.689	88	40	1.80	ug/l #	24
60) Dibromochloromethane	9.275	129	413	3.60	ug/l #	11
64) Tetrachloroethene	9.275	164	238	0.34	ug/l #	49
76) 1,2,3-Trichloropropane	11.085	75	28407	25.28	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	28407	63.58	ug/l #	12
95) Naphthalene	13.780	128	124	1.51	ug/l #	69

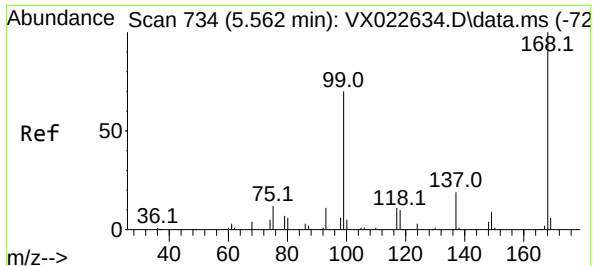
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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RE120D1-20210615DL

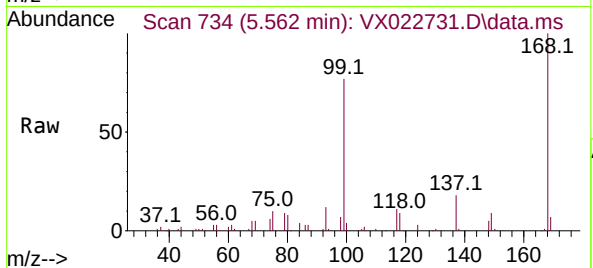
Quant Time: Jun 18 01:16:08 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 10 12:20:00 2021
Response via : Initial Calibration



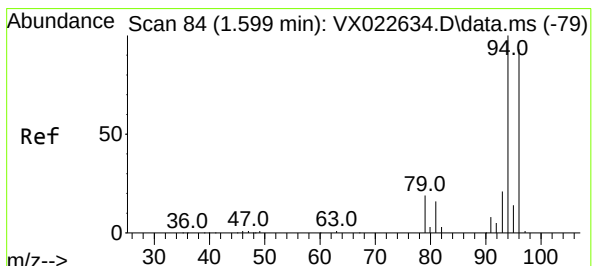
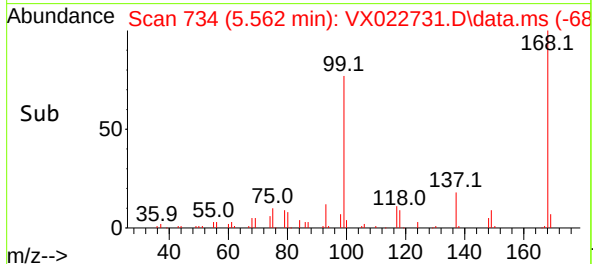
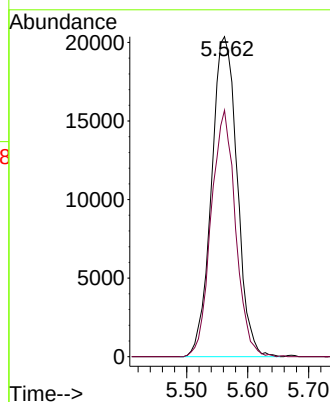


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022731.D
Acq: 17 Jun 2021 11:32

Instrument :
MSVOA_X
ClientSampleId :
RE120D1-20210615DL

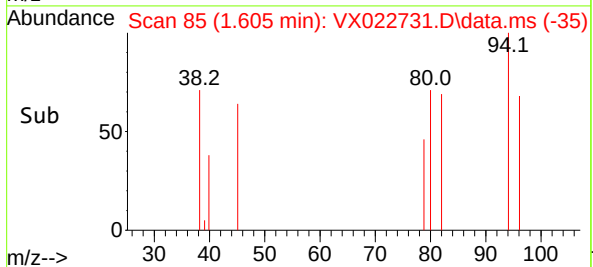
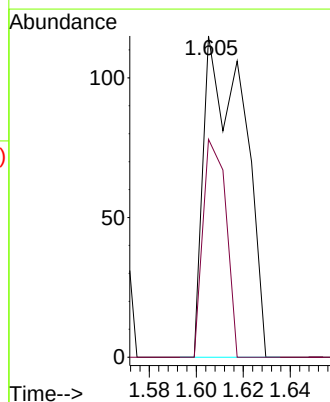
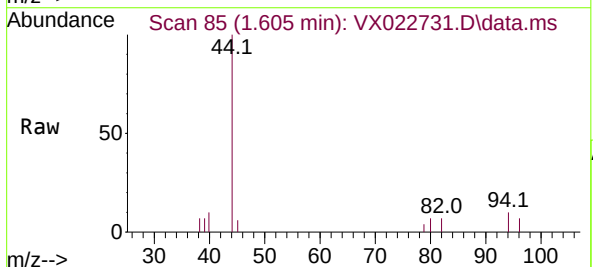


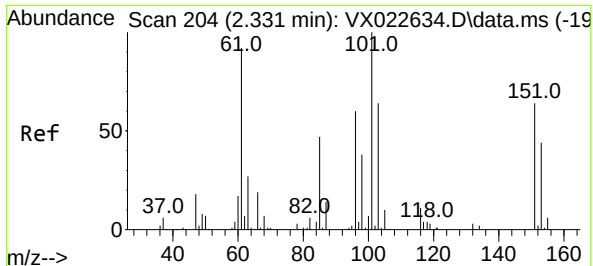
Tgt Ion:168 Resp: 59474
Ion Ratio Lower Upper
168 100
99 77.0 45.8 68.6#



#5
Bromomethane
Concen: 0.30 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX022731.D
Acq: 17 Jun 2021 11:32

Tgt Ion: 94 Resp: 136
Ion Ratio Lower Upper
94 100
96 67.8 76.4 114.6#

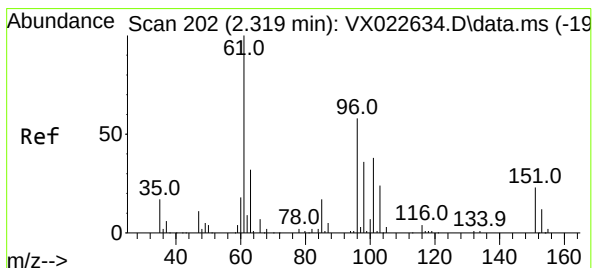
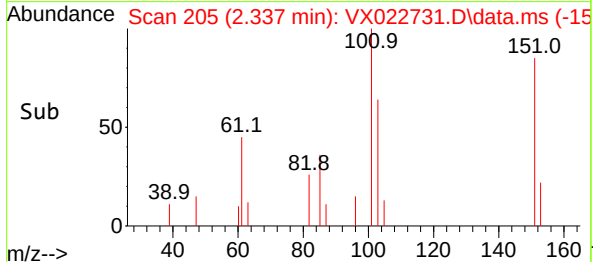
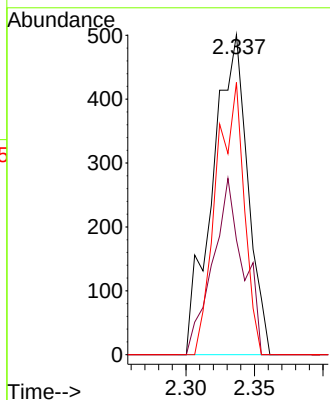
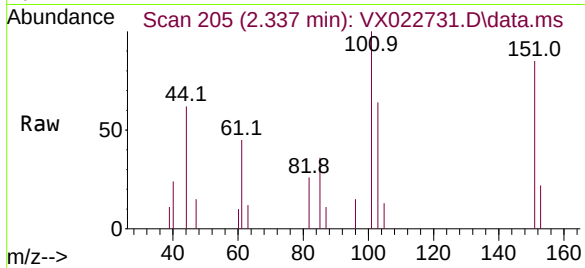




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.23 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.012 min
Lab File: VX022731.D
Acq: 17 Jun 2021 11:32

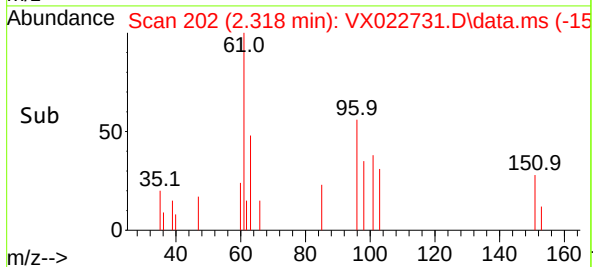
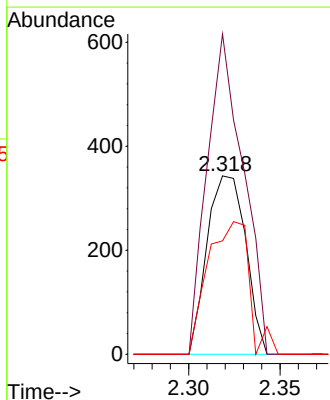
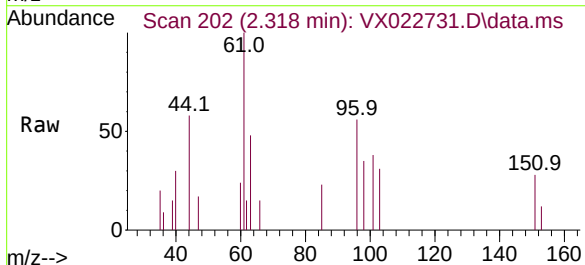
Instrument :
MSVOA_X
ClientSampleId :
RE120D1-20210615DL

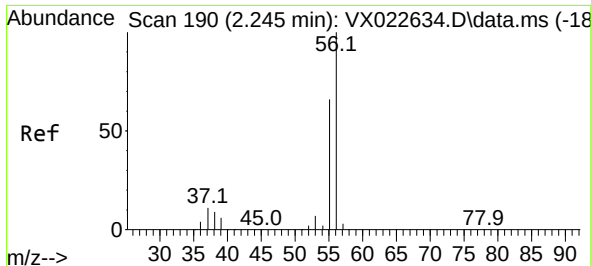
Tgt Ion:101 Resp: 893
Ion Ratio Lower Upper
101 100
85 47.8 34.9 52.3
151 67.3 61.4 92.2



#12
1,1-Dichloroethene
Concen: 0.70 ug/l
RT: 2.318 min Scan# 202
Delta R.T. -0.001 min
Lab File: VX022731.D
Acq: 17 Jun 2021 11:32

Tgt Ion: 96 Resp: 505
Ion Ratio Lower Upper
96 100
61 179.6 124.6 187.0
98 63.6 50.6 76.0

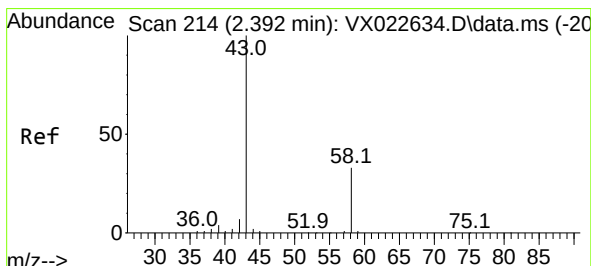
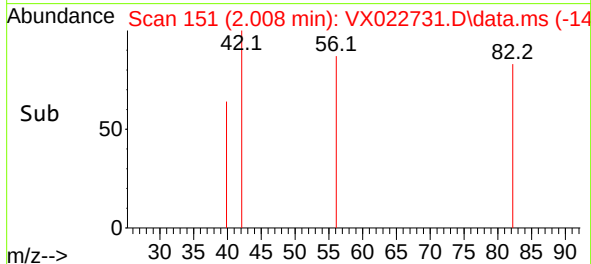
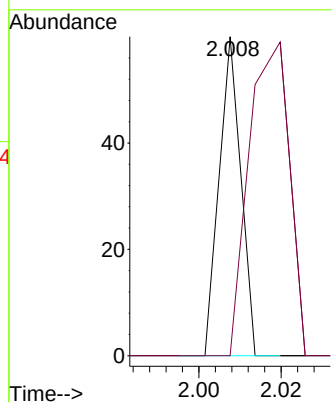
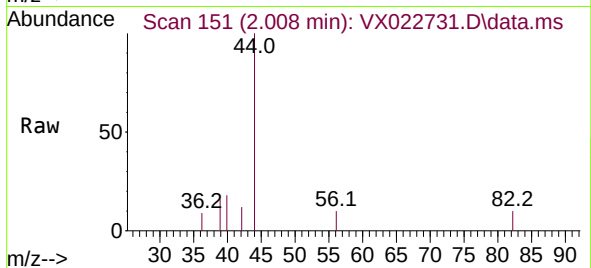




#13
Acrolein
Concen: 0.21 ug/l
RT: 2.008 min Scan# 151
Delta R.T. -0.231 min
Lab File: VX022731.D
Acq: 17 Jun 2021 11:32

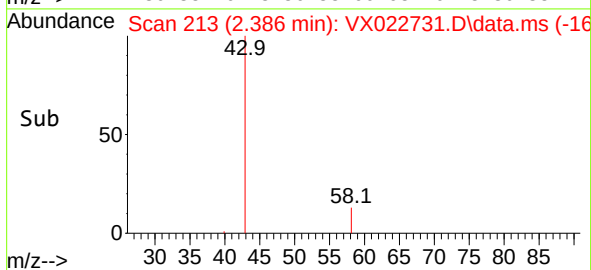
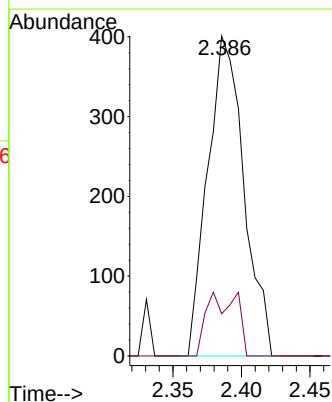
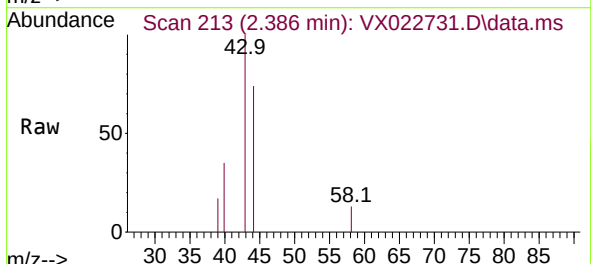
Instrument :
MSVOA_X
ClientSampleId :
RE120D1-20210615DL

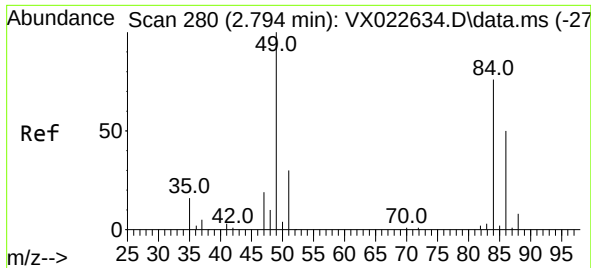
Tgt Ion: 56 Resp: 22
Ion Ratio Lower Upper
56 100
55 181.8 56.4 84.6#



#16
Acetone
Concen: 1.54 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022731.D
Acq: 17 Jun 2021 11:32

Tgt Ion: 43 Resp: 737
Ion Ratio Lower Upper
43 100
58 13.2 27.8 41.8#





#20

Methylene Chloride

Concen: 0.58 ug/l

RT: 2.800 min Scan# 281

Delta R.T. 0.006 min

Lab File: VX022731.D

Acq: 17 Jun 2021 11:32

Tgt Ion: 84 Resp: 791

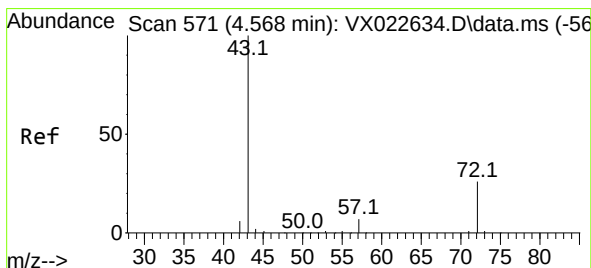
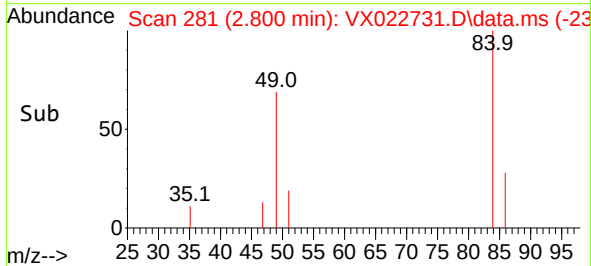
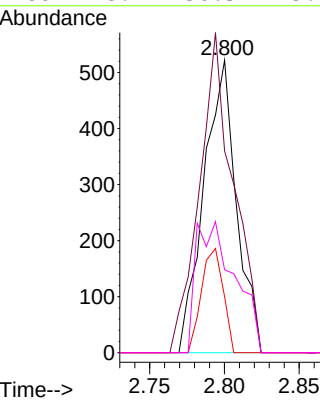
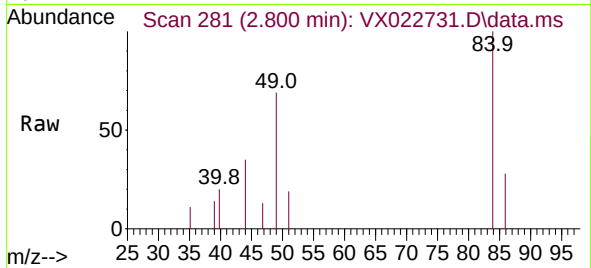
Ion Ratio Lower Upper

84 100

49 69.0 88.6 132.8#

51 19.2 27.0 40.6#

86 28.4 50.3 75.5#



#25

2-Butanone

Concen: 0.23 ug/l

RT: 4.599 min Scan# 576

Delta R.T. 0.031 min

Lab File: VX022731.D

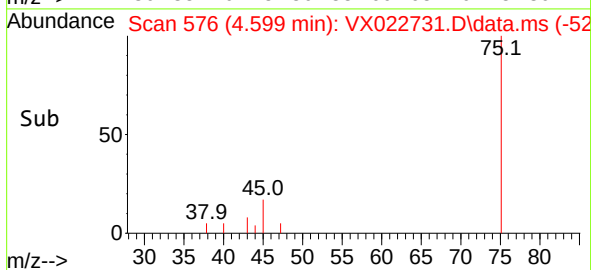
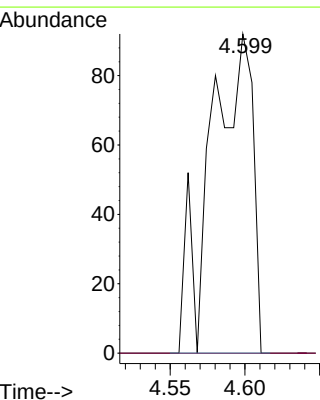
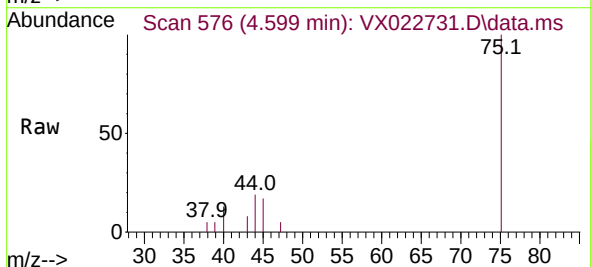
Acq: 17 Jun 2021 11:32

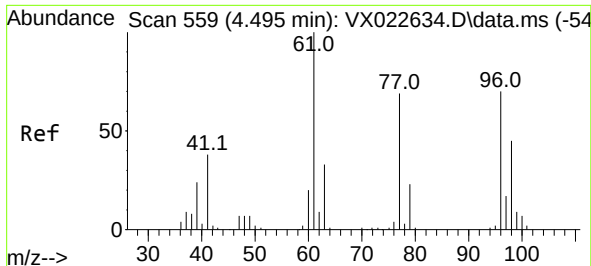
Tgt Ion: 43 Resp: 180

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#





#27

cis-1,2-Dichloroethene

Concen: 0.21 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.006 min

Lab File: VX022731.D

Acq: 17 Jun 2021 11:32

Tgt Ion: 96 Resp: 209

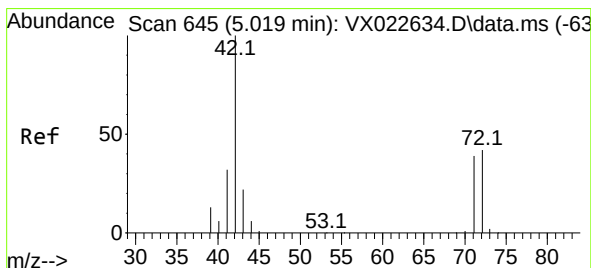
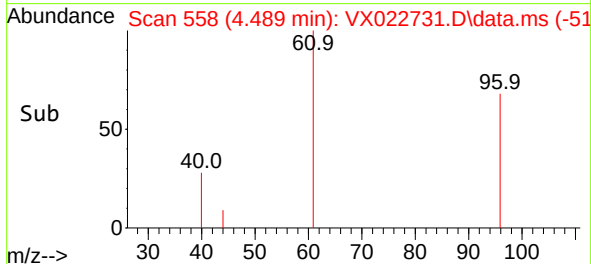
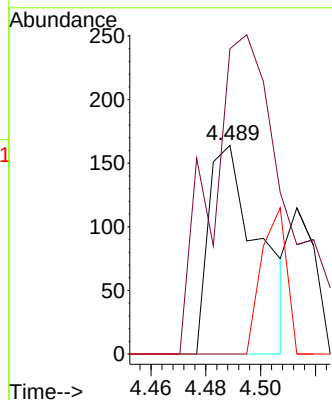
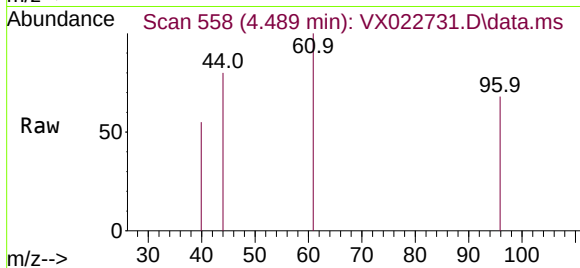
Ion	Ratio	Lower	Upper
96	100		
61	227.3	0.0	285.6
98	34.9	0.0	129.6

Instrument :

MSVOA_X

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RE120D1-20210615DL



#29

Tetrahydrofuran

Concen: 0.21 ug/l

RT: 5.050 min Scan# 650

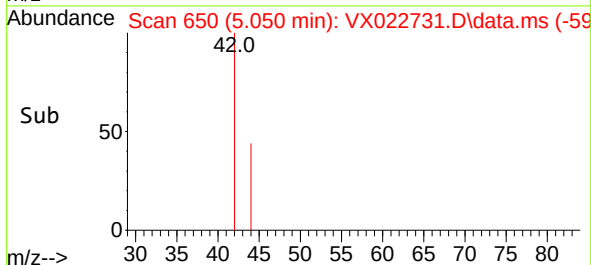
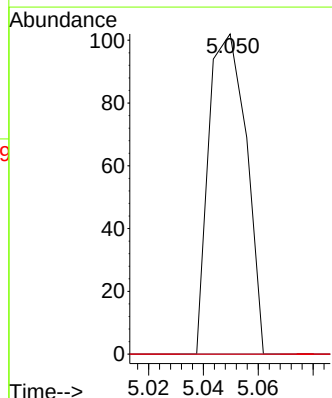
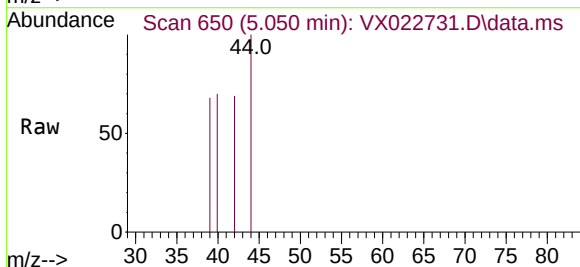
Delta R.T. 0.037 min

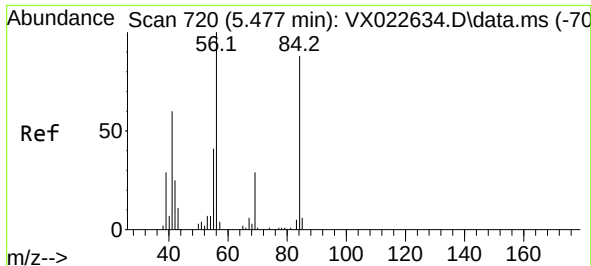
Lab File: VX022731.D

Acq: 17 Jun 2021 11:32

Tgt Ion: 42 Resp: 97

Ion	Ratio	Lower	Upper
42	100		
72	0.0	41.7	62.5#
71	0.0	38.4	57.6#

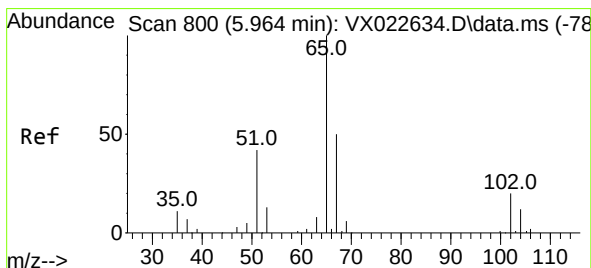
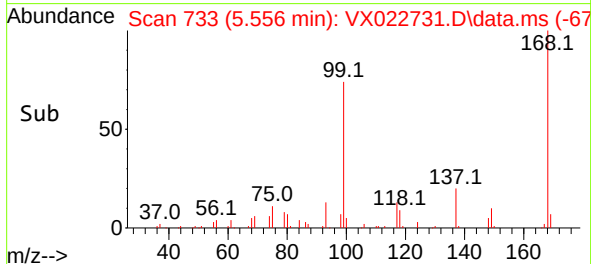
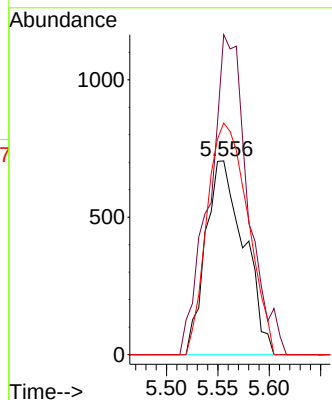
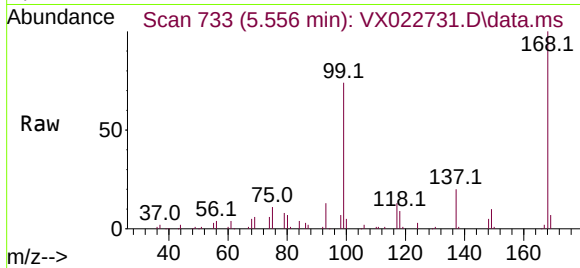




#31
Cyclohexane
Concen: 1.42 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX022731.D
Acq: 17 Jun 2021 11:32

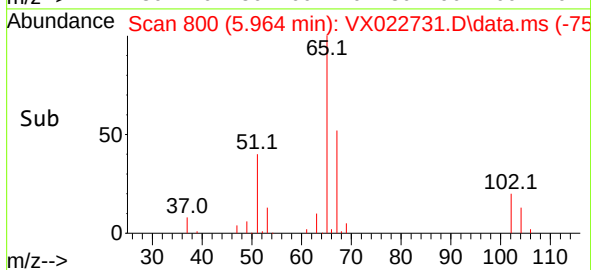
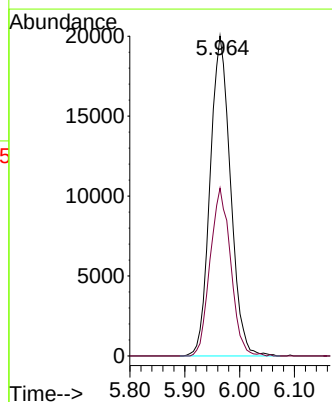
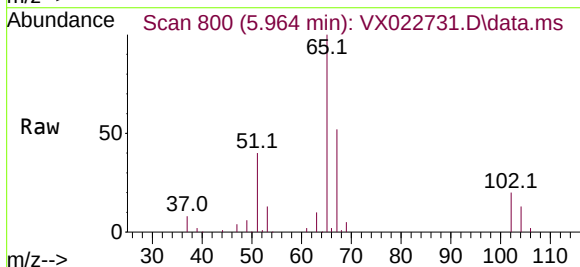
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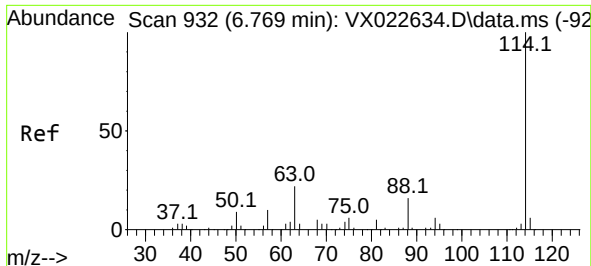
Tgt Ion: 56 Resp: 1831
Ion Ratio Lower Upper
56 100
69 165.1 25.3 37.9#
84 119.6 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 48.36 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022731.D
Acq: 17 Jun 2021 11:32

Tgt Ion: 65 Resp: 51731
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.4

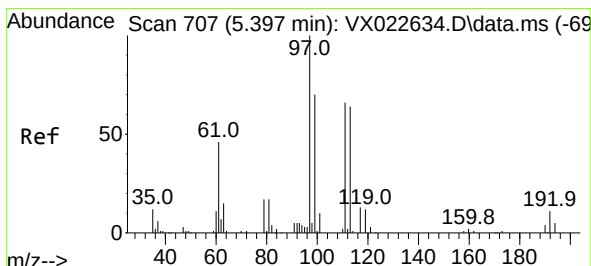
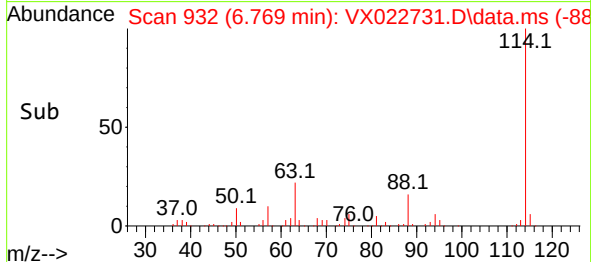
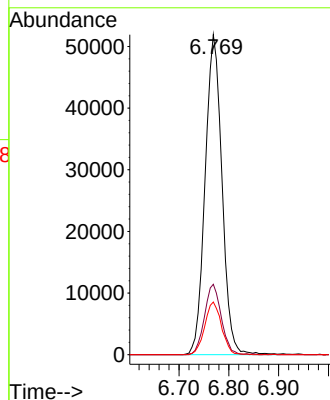
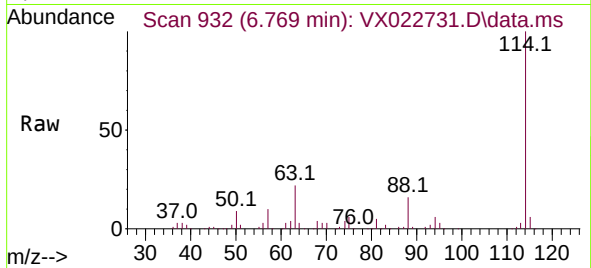




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022731.D
Acq: 17 Jun 2021 11:32

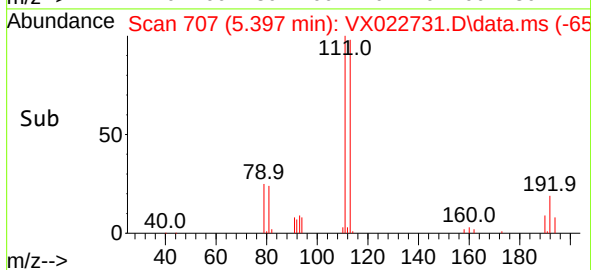
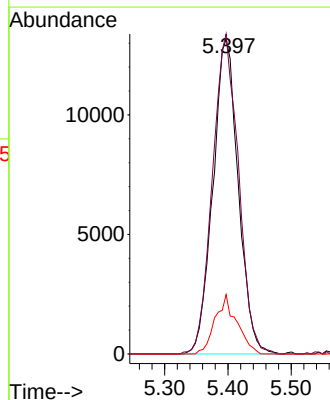
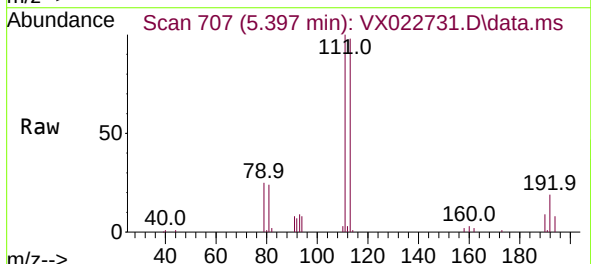
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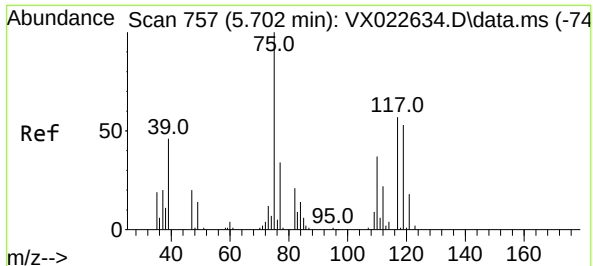
Tgt Ion:114 Resp: 121901
Ion Ratio Lower Upper
114 100
63 22.0 0.0 40.8
88 16.5 0.0 32.8



#35
Dibromofluoromethane
Concen: 47.12 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022731.D
Acq: 17 Jun 2021 11:32

Tgt Ion:113 Resp: 36651
Ion Ratio Lower Upper
113 100
111 104.4 81.9 122.9
192 16.0 16.7 25.1#





#36

1,1-Dichloropropene

Concen: 5.05 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.146 min

Lab File: VX022731.D

Acq: 17 Jun 2021 11:32

Tgt Ion: 75 Resp: 6135

Ion Ratio Lower Upper

75 100

110 6.3 18.1 54.4#

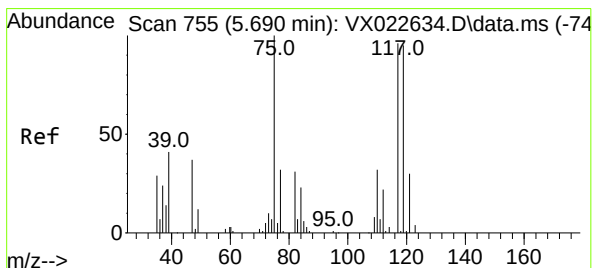
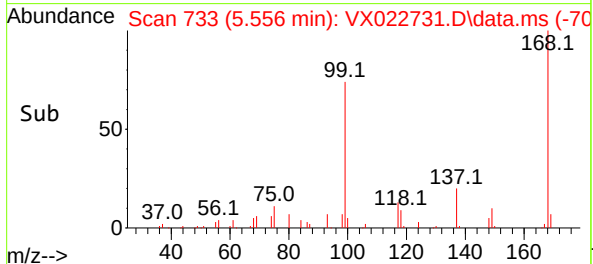
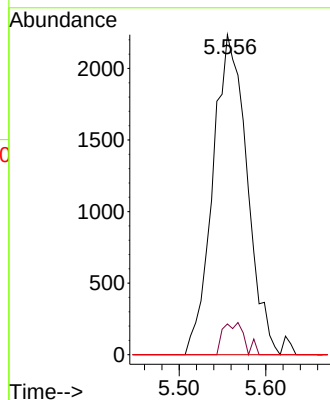
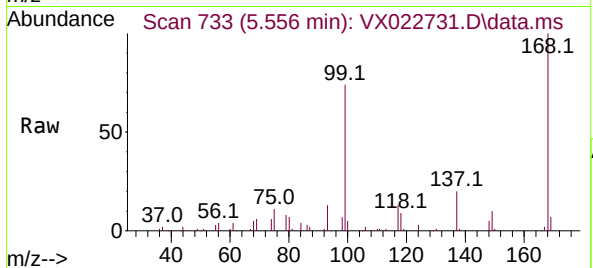
77 0.0 25.3 37.9#

Instrument :

MSVOA_X

ClientSampleId :

RE120D1-20210615DL



#38

Carbon Tetrachloride

Concen: 6.90 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.122 min

Lab File: VX022731.D

Acq: 17 Jun 2021 11:32

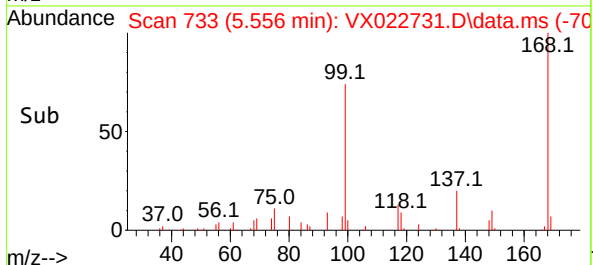
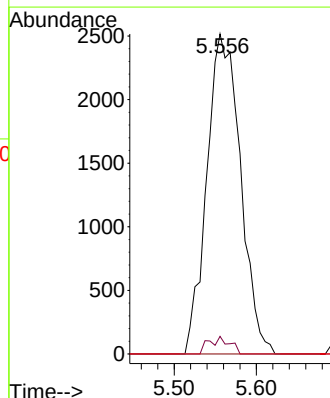
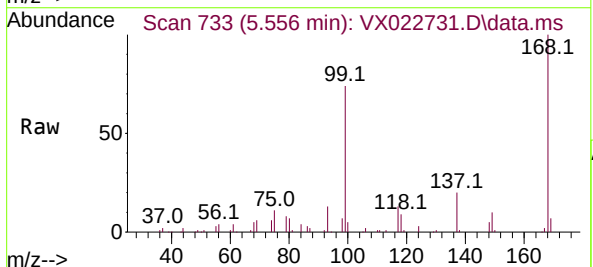
Tgt Ion: 117 Resp: 7170

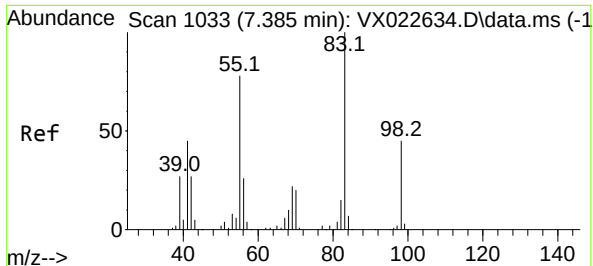
Ion Ratio Lower Upper

117 100

119 5.5 76.2 114.2#

121 0.0 24.8 37.2#





#39

Methylcyclohexane

Concen: 0.84 ug/l

RT: 7.141 min Scan# 993

Delta R.T. -0.244 min

Lab File: VX022731.D

Acq: 17 Jun 2021 11:32

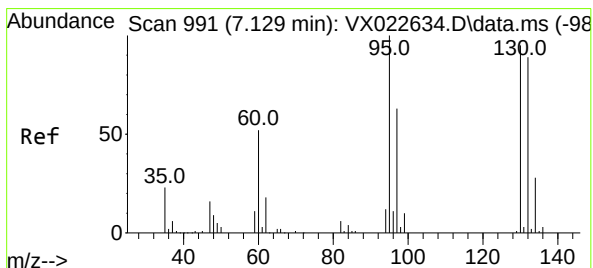
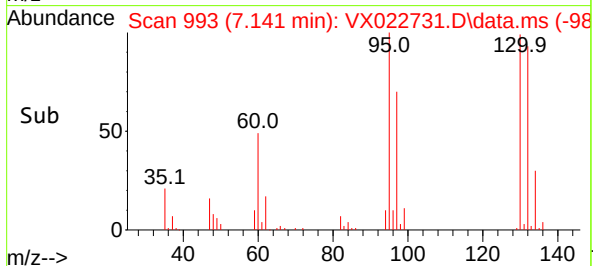
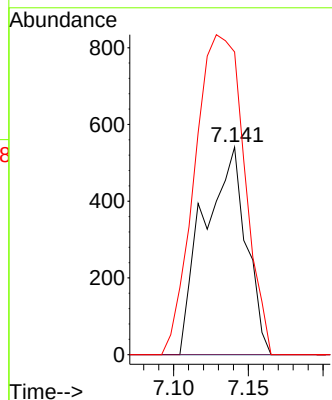
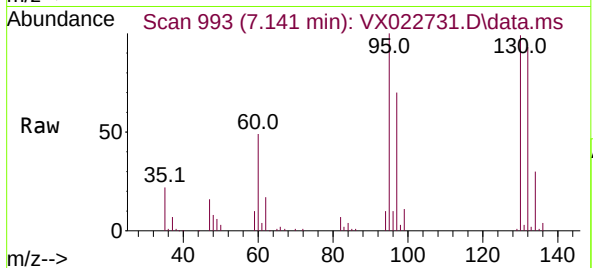
Tgt Ion: 83 Resp: 1063

Ion Ratio Lower Upper

83 100

55 0.0 58.9 88.3#

98 145.8 38.1 57.1#



#44

Trichloroethene

Concen: 84.44 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX022731.D

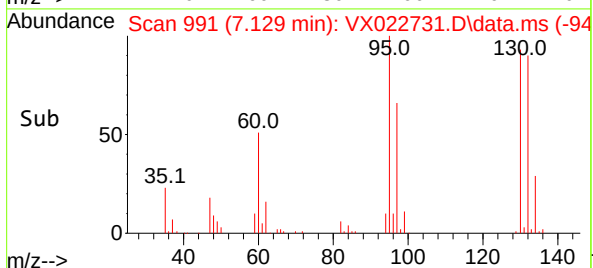
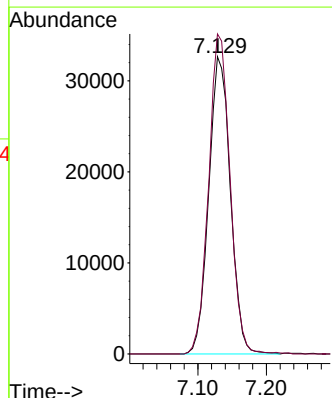
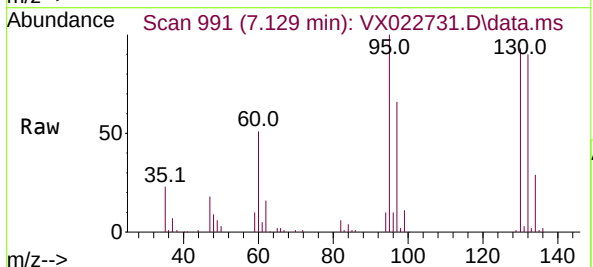
Acq: 17 Jun 2021 11:32

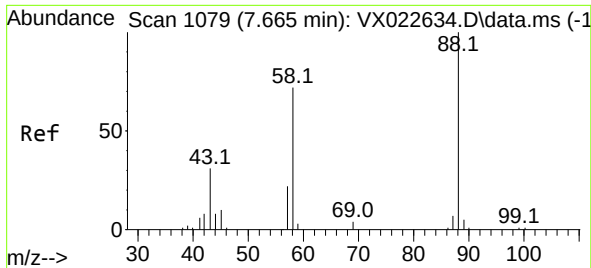
Tgt Ion:130 Resp: 71630

Ion Ratio Lower Upper

130 100

95 107.6 0.0 198.0

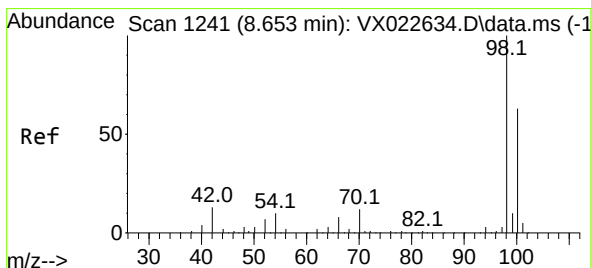
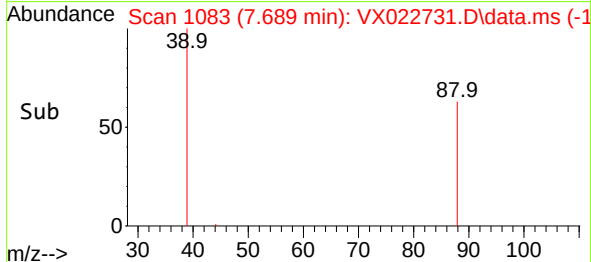
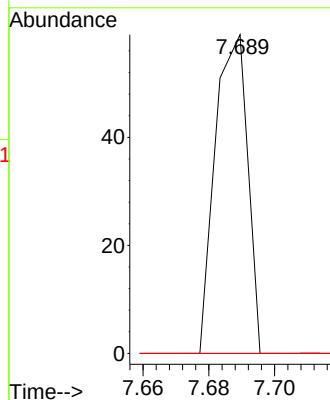
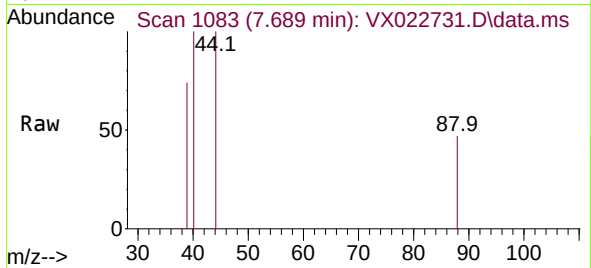




#49
1,4-Dioxane
Concen: 1.80 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. 0.024 min
Lab File: VX022731.D
Acq: 17 Jun 2021 11:32

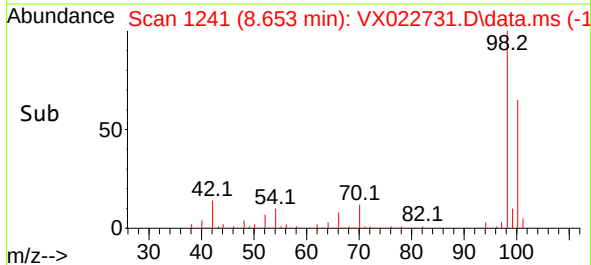
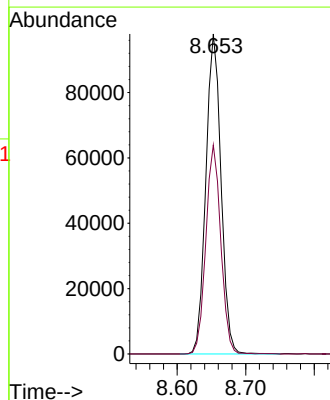
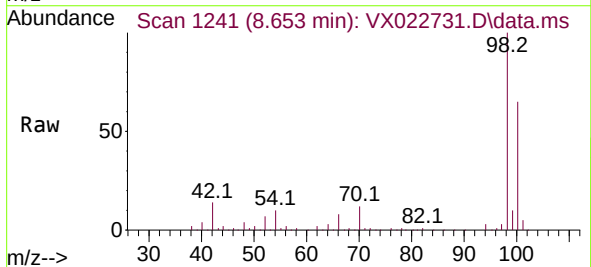
Instrument :
MSVOA_X
ClientSampleId :
RE120D1-20210615DL

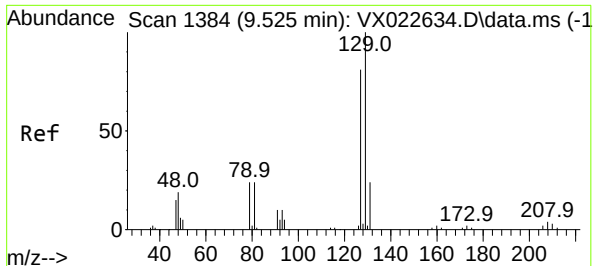
Tgt Ion: 88 Resp: 40
Ion Ratio Lower Upper
88 100
43 0.0 23.2 34.8#
58 0.0 55.0 82.4#



#50
Toluene-d8
Concen: 49.14 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022731.D
Acq: 17 Jun 2021 11:32

Tgt Ion: 98 Resp: 150654
Ion Ratio Lower Upper
98 100
100 64.4 51.9 77.9

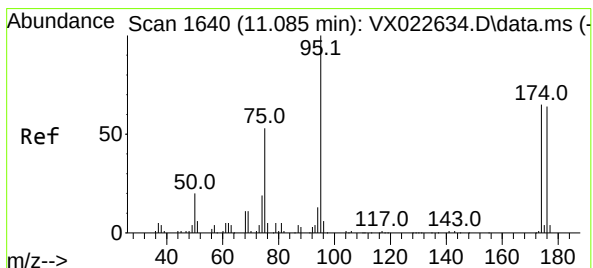
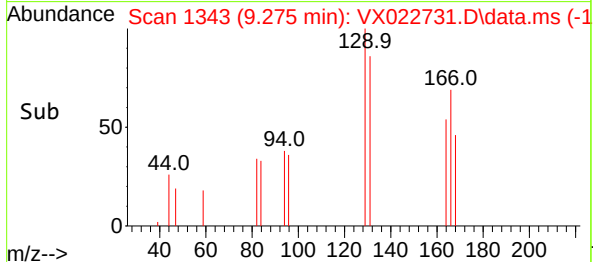
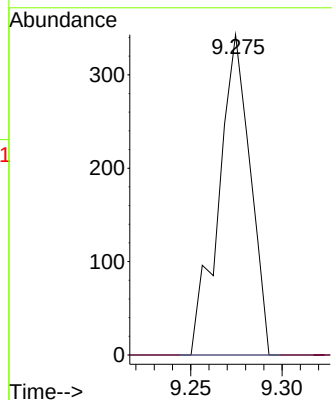
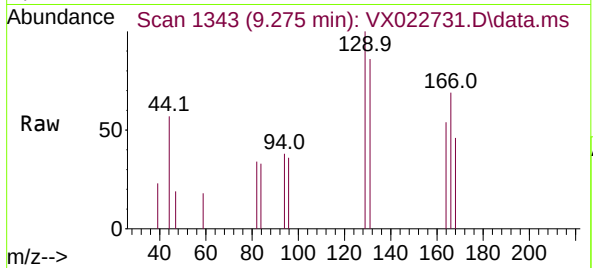




#60
Dibromochloromethane
Concen: 3.60 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX022731.D
Acq: 17 Jun 2021 11:32

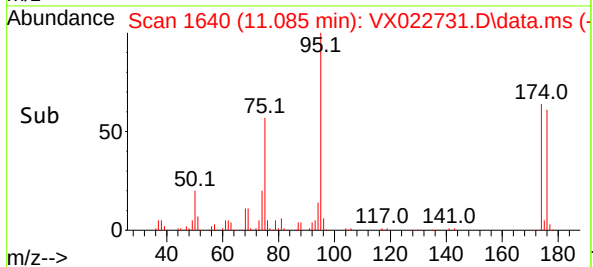
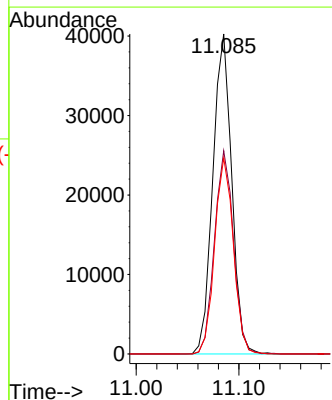
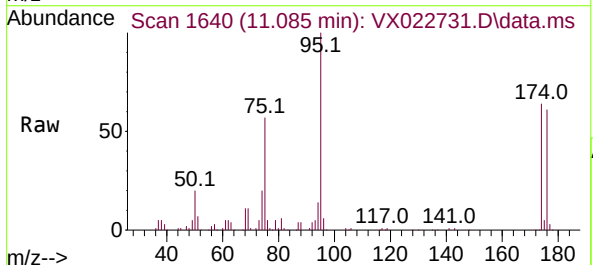
Instrument :
MSVOA_X
ClientSampleId :
RE120D1-20210615DL

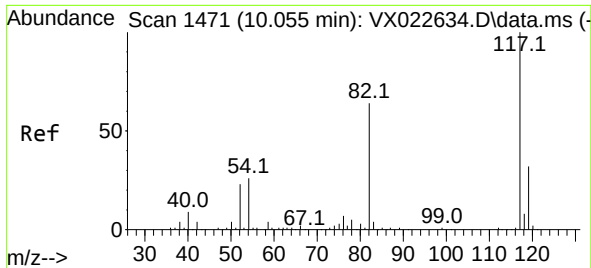
Tgt Ion:129 Resp: 413
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 44.16 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022731.D
Acq: 17 Jun 2021 11:32

Tgt Ion: 95 Resp: 51201
Ion Ratio Lower Upper
95 100
174 64.0 0.0 154.6
176 60.8 0.0 155.8

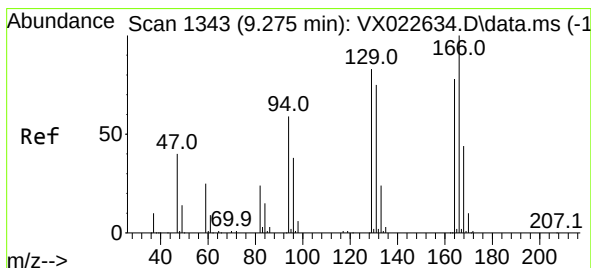
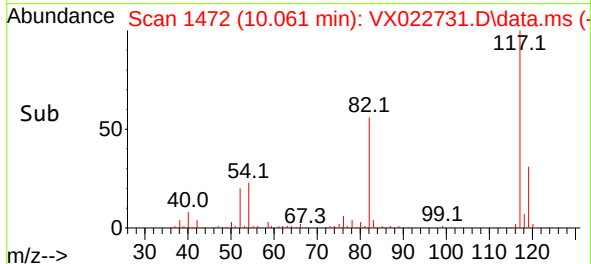
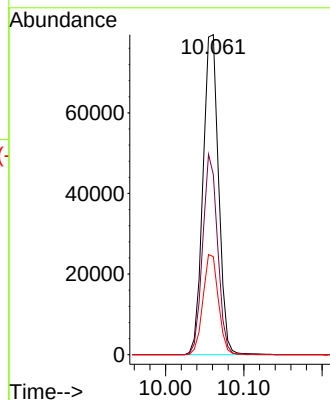
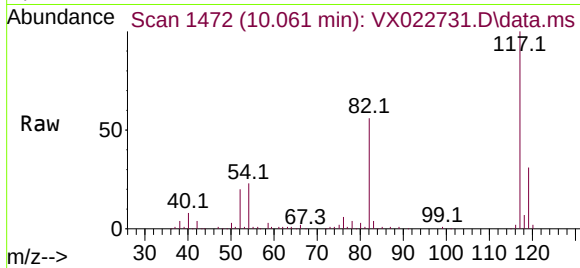




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX022731.D
Acq: 17 Jun 2021 11:32

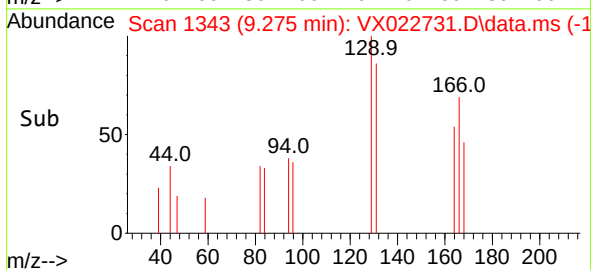
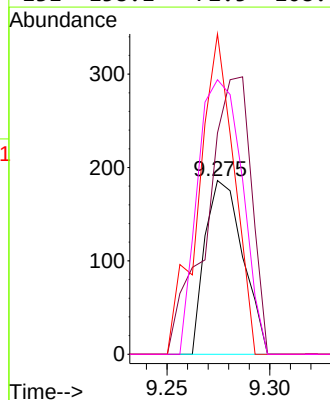
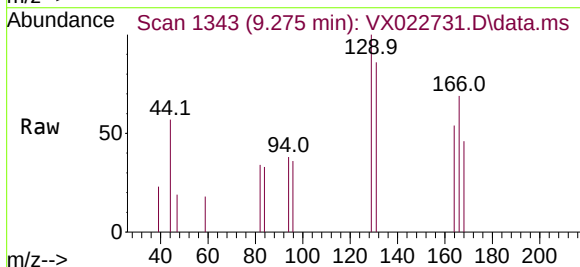
Instrument :
MSVOA_X
ClientSampleId :
RE120D1-20210615DL

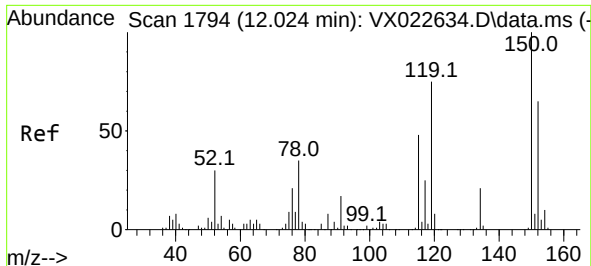
Tgt Ion:117 Resp: 109743
Ion Ratio Lower Upper
117 100
82 56.2 47.4 71.2
119 30.7 26.6 39.8



#64
Tetrachloroethene
Concen: 0.34 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.006 min
Lab File: VX022731.D
Acq: 17 Jun 2021 11:32

Tgt Ion:164 Resp: 238
Ion Ratio Lower Upper
164 100
166 127.4 103.4 155.2
129 184.4 70.8 106.2#
131 158.1 72.5 108.7#

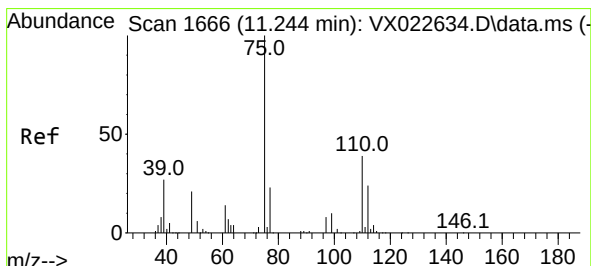
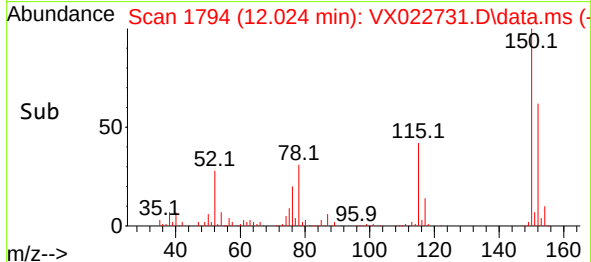
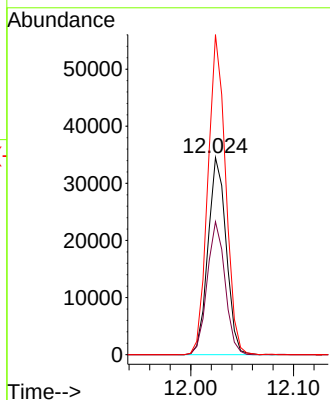
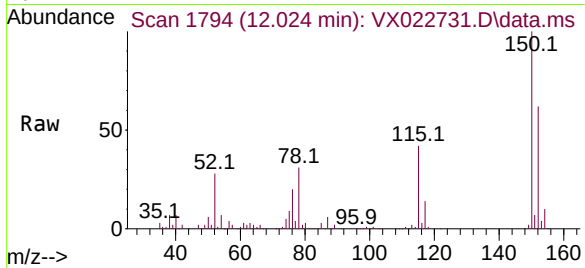




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. -0.000 min
 Lab File: VX022731.D
 Acq: 17 Jun 2021 11:32

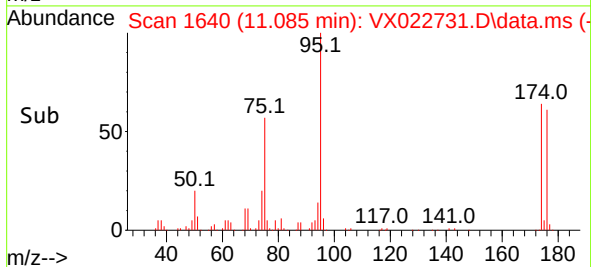
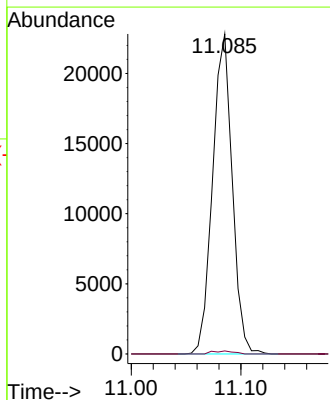
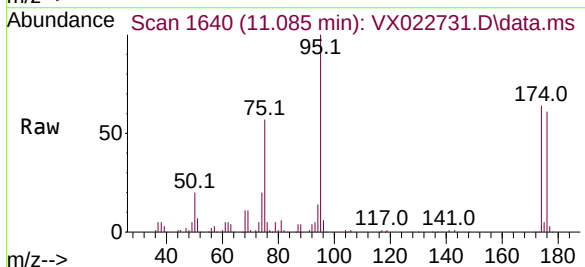
Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D1-20210615DL

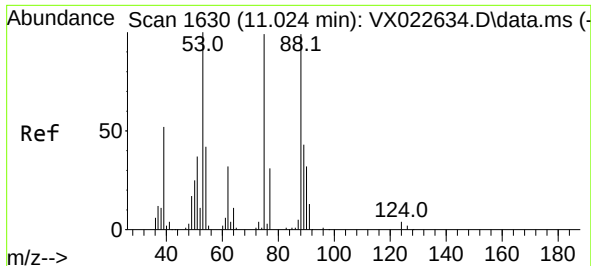
Tgt Ion:152 Resp: 42387
 Ion Ratio Lower Upper
 152 100
 115 66.4 41.1 123.3
 150 158.3 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 25.28 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX022731.D
 Acq: 17 Jun 2021 11:32

Tgt Ion: 75 Resp: 28407
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.1 57.5#

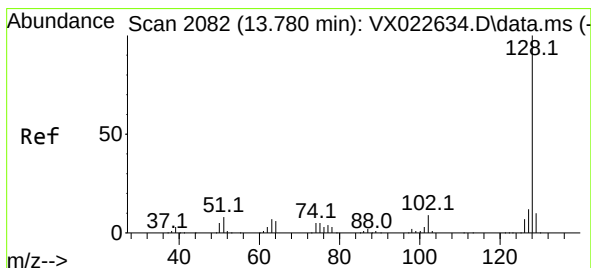
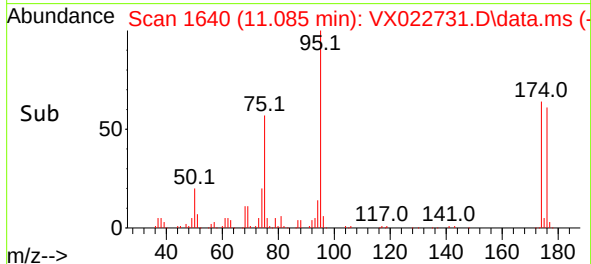
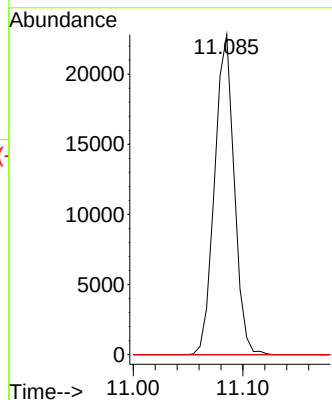
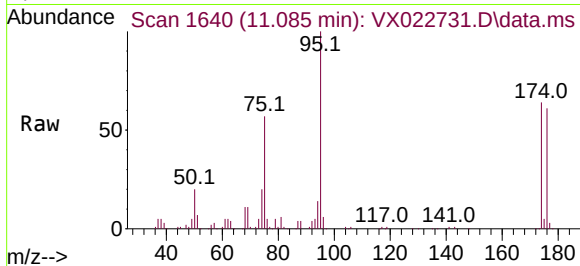




#81
trans-1,4-Dichloro-2-butene
Concen: 63.58 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022731.D
Acq: 17 Jun 2021 11:32

Instrument :
MSVOA_X
ClientSampleId :
RE120D1-20210615DL

Tgt Ion: 75 Resp: 28407
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.51 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX022731.D
Acq: 17 Jun 2021 11:32

Tgt Ion:128 Resp: 124
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

