

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061721\
 Data File : VX022734.D
 Acq On : 17 Jun 2021 12:43
 Operator : JC/MD
 Sample : M2750-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE135D3-20210615

Quant Time: Jun 18 01:16:34 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)

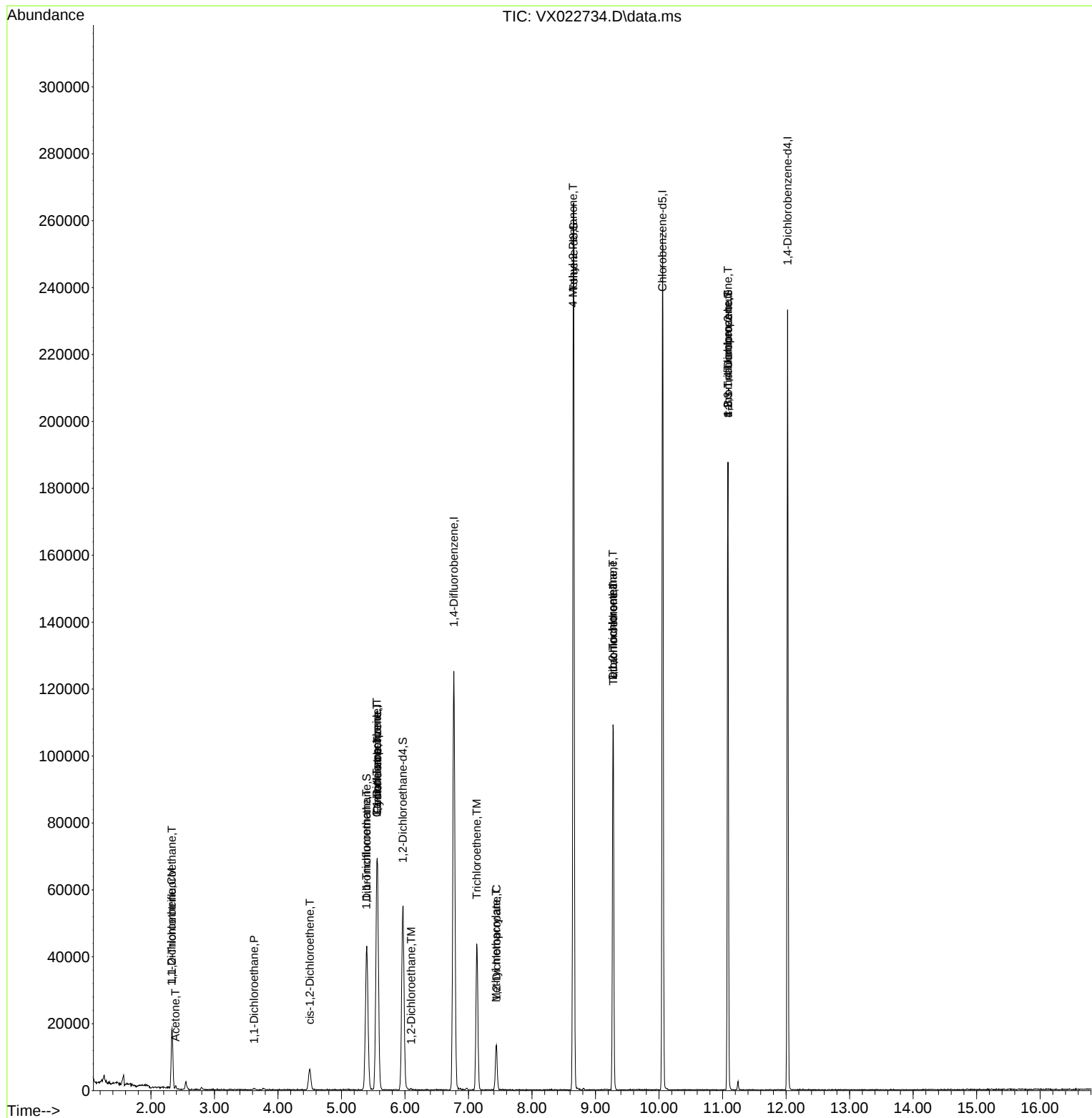
Internal Standards						
1) Pentafluorobenzene	5.562	168	58116	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	120428	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	108220	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	39529	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	50964	48.76	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.52%
35) Dibromofluoromethane	5.397	113	36483	47.48	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.96%
50) Toluene-d8	8.653	98	146686	48.43	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.86%
62) 4-Bromofluorobenzene	11.085	95	50625	44.19	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.38%
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.331	101	6928	9.74	ug/l	87
12) 1,1-Dichloroethene	2.325	96	520	0.74	ug/l #	70
16) Acetone	2.386	43	1004	2.15	ug/l #	87
24) 1,1-Dichloroethane	3.623	63	683	0.44	ug/l #	78
27) cis-1,2-Dichloroethene	4.501	96	4044	4.25	ug/l	87
31) Cyclohexane	5.562	56	1905	1.51	ug/l #	1
32) 1,1,1-Trichloroethane	5.391	97	122	1.00	ug/l #	24
36) 1,1-Dichloropropene	5.556	75	6279	5.23	ug/l #	47
38) Carbon Tetrachloride	5.556	117	6975	6.80	ug/l #	15
42) 1,2-Dichloroethane	6.098	62	388	0.30	ug/l #	73
44) Trichloroethene	7.129	130	15036	17.94	ug/l	92
45) 1,2-Dichloropropane	7.440	63	5062	5.26	ug/l	96
48) Methyl methacrylate	7.434	41	3080	2.66	ug/l #	23
51) 4-Methyl-2-Pentanone	8.647	43	898	0.59	ug/l #	1
55) 1,1,2-Trichloroethane	9.275	97	193	0.21	ug/l #	1
60) Dibromochloromethane	9.275	129	19637	23.77	ug/l #	11
64) Tetrachloroethene	9.281	164	18320	26.77	ug/l	91
76) 1,2,3-Trichloropropane	11.085	75	27300	26.05	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	27300	65.33	ug/l #	12

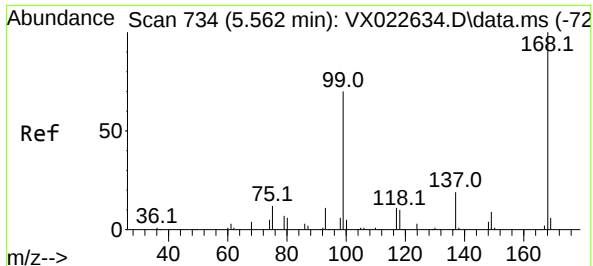
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061721\
Data File : VX022734.D
Acq On : 17 Jun 2021 12:43
Operator : JC/MD
Sample : M2750-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20210615

Quant Time: Jun 18 01:16:34 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

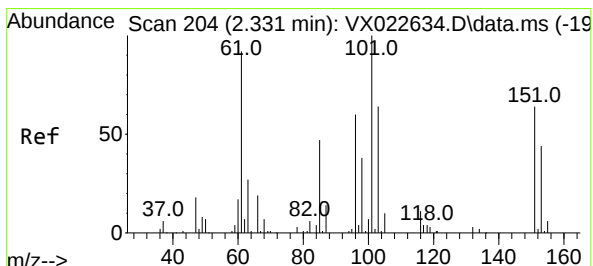
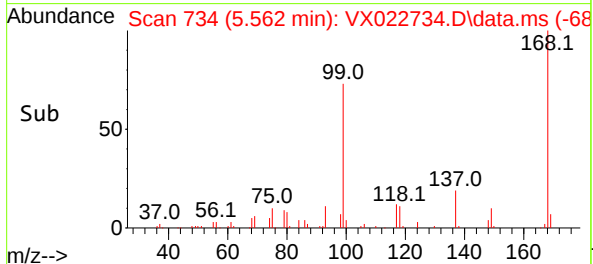
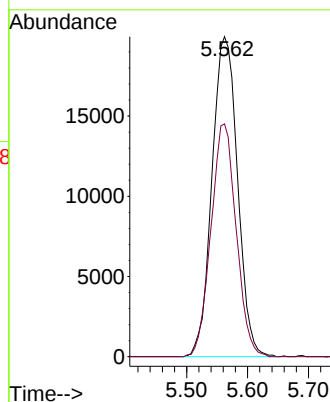
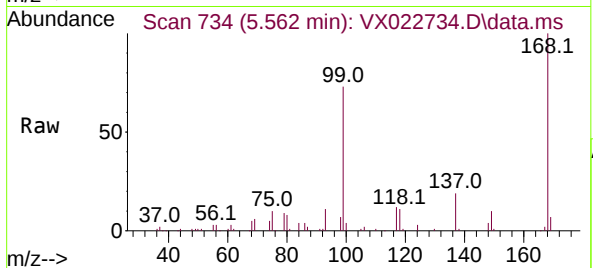




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX022734.D
Acq: 17 Jun 2021 12:43

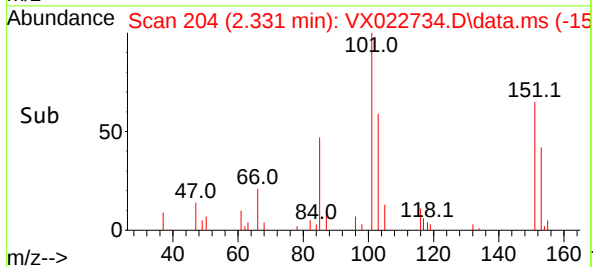
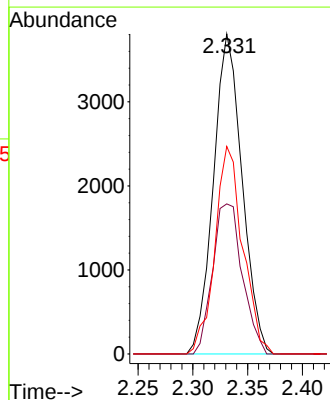
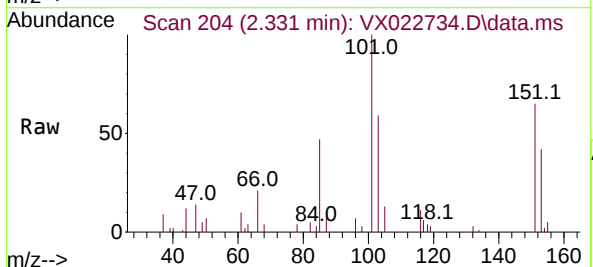
Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20210615

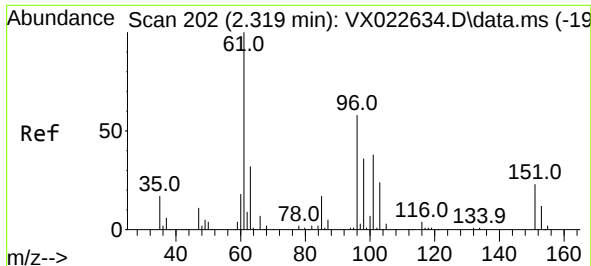
Tgt Ion:168 Resp: 58116
Ion Ratio Lower Upper
168 100
99 72.8 45.8 68.6#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 9.74 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX022734.D
Acq: 17 Jun 2021 12:43

Tgt Ion:101 Resp: 6928
Ion Ratio Lower Upper
101 100
85 48.7 34.9 52.3
151 62.9 61.4 92.2





#12

1,1-Dichloroethene

Concen: 0.74 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.006 min

Lab File: VX022734.D

Acq: 17 Jun 2021 12:43

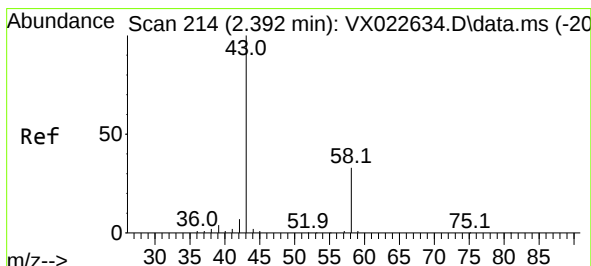
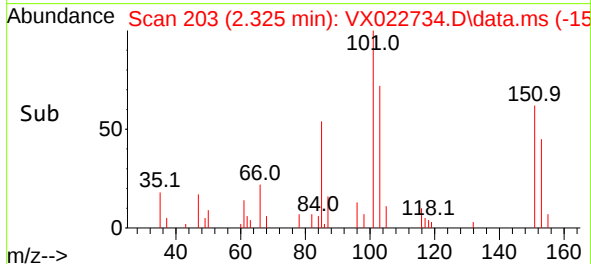
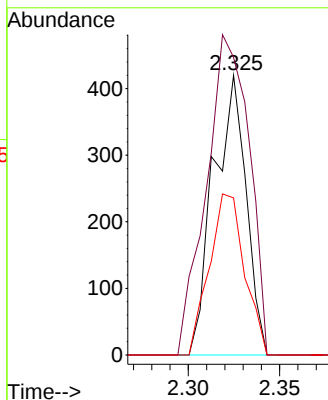
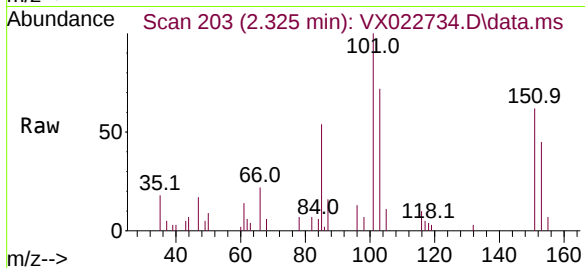
Tgt Ion: 96 Resp: 520

Ion Ratio Lower Upper

96 100

61 106.4 124.6 187.0#

98 56.2 50.6 76.0



#16

Acetone

Concen: 2.15 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX022734.D

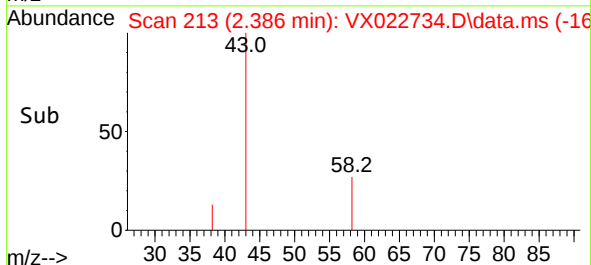
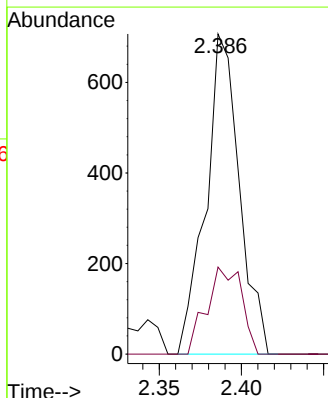
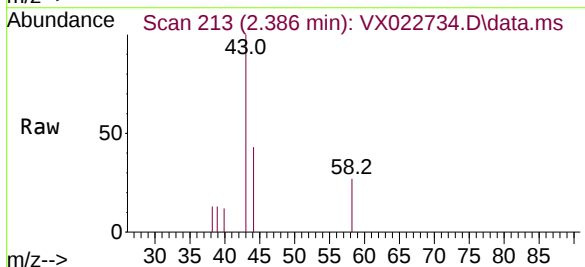
Acq: 17 Jun 2021 12:43

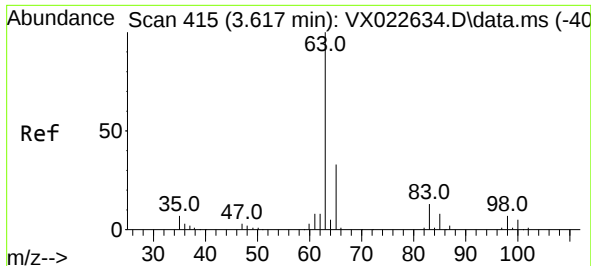
Tgt Ion: 43 Resp: 1004

Ion Ratio Lower Upper

43 100

58 27.2 27.8 41.8#

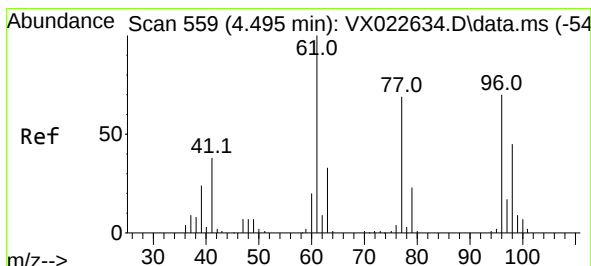
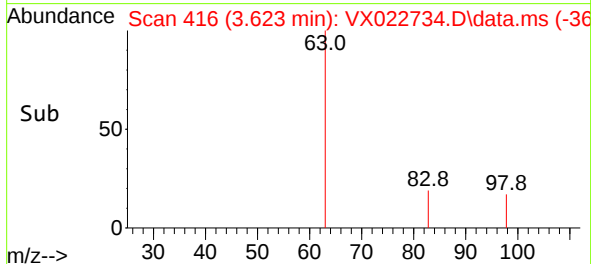
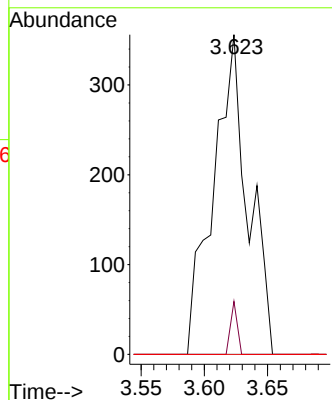
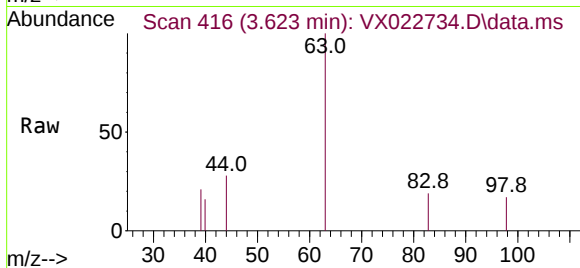




#24
1,1-Dichloroethane
Concen: 0.44 ug/l
RT: 3.623 min Scan# 416
Delta R.T. 0.012 min
Lab File: VX022734.D
Acq: 17 Jun 2021 12:43

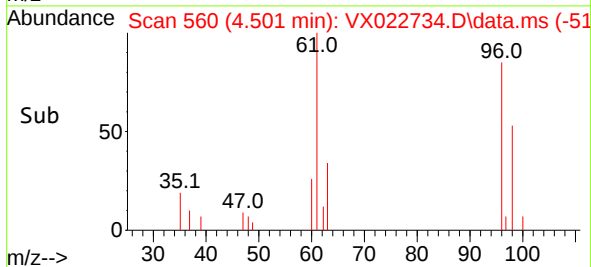
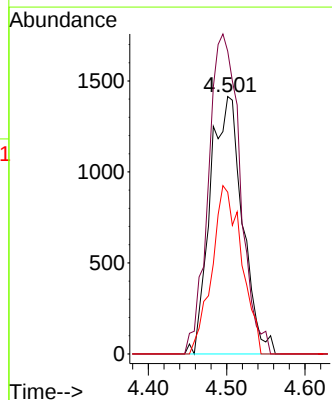
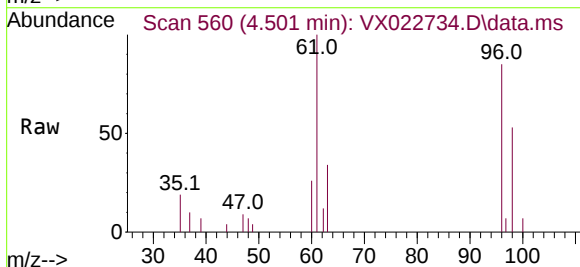
Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20210615

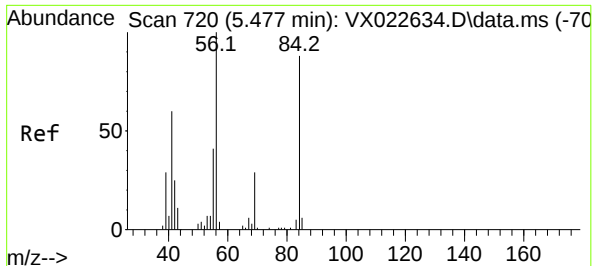
Tgt Ion: 63 Resp: 683
Ion Ratio Lower Upper
63 100
98 16.6 3.8 11.2#
100 0.0 2.5 7.5#



#27
cis-1,2-Dichloroethene
Concen: 4.25 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.006 min
Lab File: VX022734.D
Acq: 17 Jun 2021 12:43

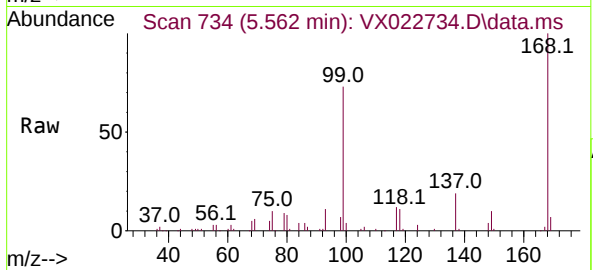
Tgt Ion: 96 Resp: 4044
Ion Ratio Lower Upper
96 100
61 122.1 0.0 285.6
98 60.3 0.0 129.6



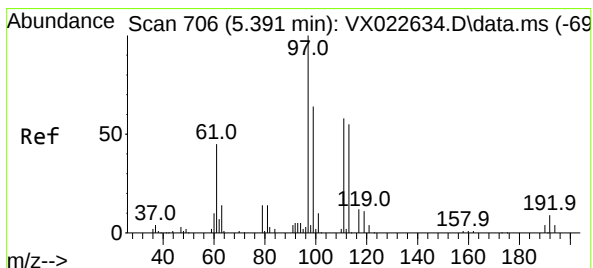
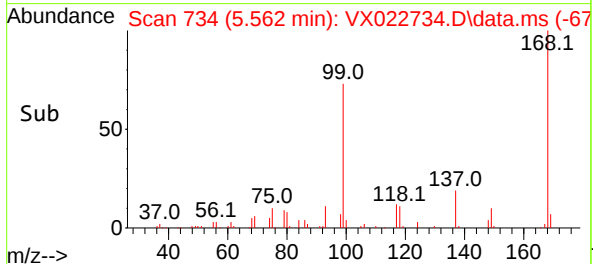
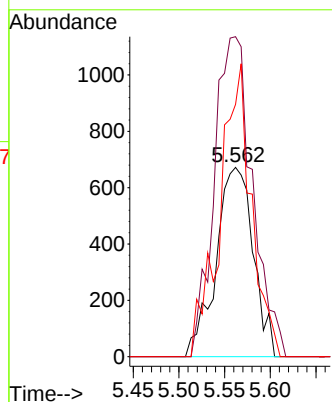


#31
Cyclohexane
Concen: 1.51 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX022734.D
Acq: 17 Jun 2021 12:43

Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20210615

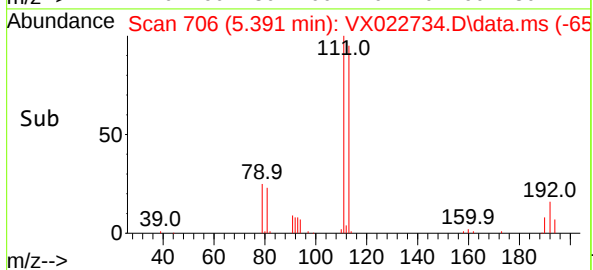
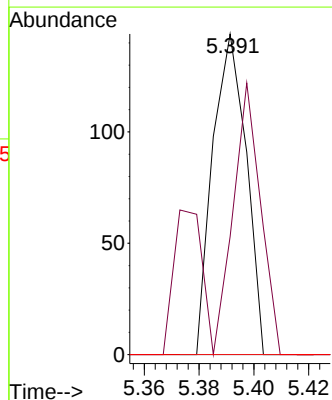
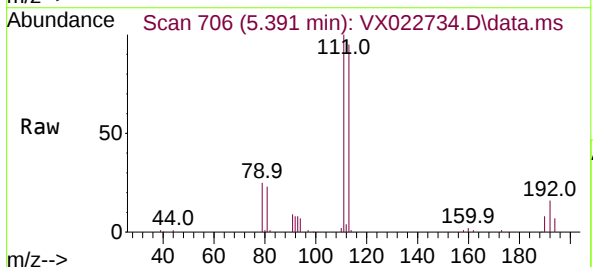


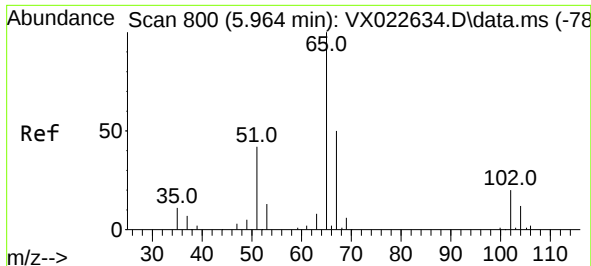
Tgt Ion: 56 Resp: 1905
Ion Ratio Lower Upper
56 100
69 169.0 25.3 37.9#
84 133.3 71.4 107.0#



#32
1,1,1-Trichloroethane
Concen: 1.00 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX022734.D
Acq: 17 Jun 2021 12:43

Tgt Ion: 97 Resp: 122
Ion Ratio Lower Upper
97 100
99 0.0 51.5 77.3#
61 0.0 34.2 51.4#





#33

1,2-Dichloroethane-d4

Concen: 48.76 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX022734.D

Acq: 17 Jun 2021 12:43

Tgt Ion: 65 Resp: 50964

Ion Ratio Lower Upper

65 100

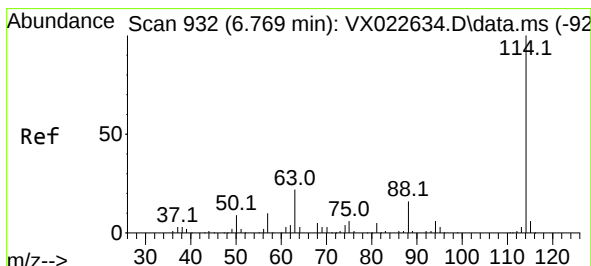
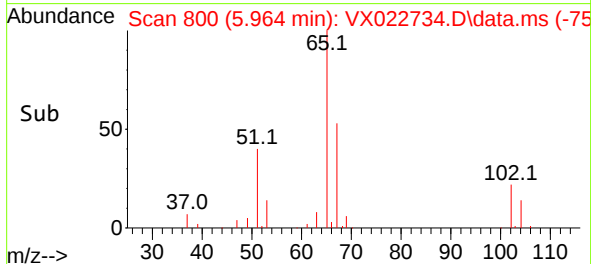
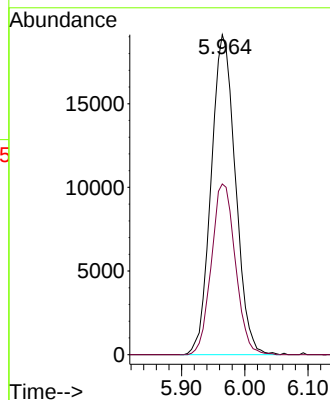
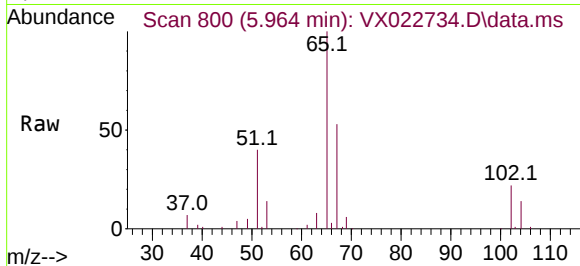
67 52.7 0.0 105.4

Instrument :

MSVOA_X

ClientSampleId :

RE135D3-20210615



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX022734.D

Acq: 17 Jun 2021 12:43

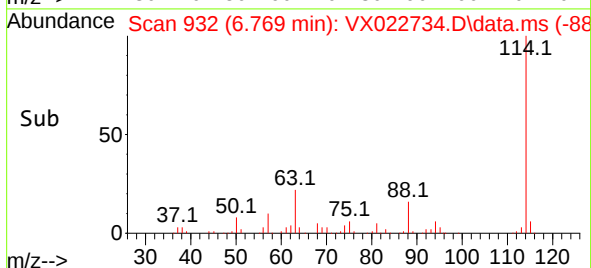
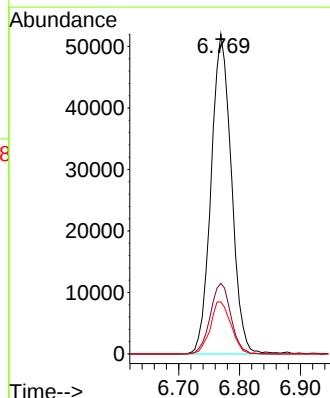
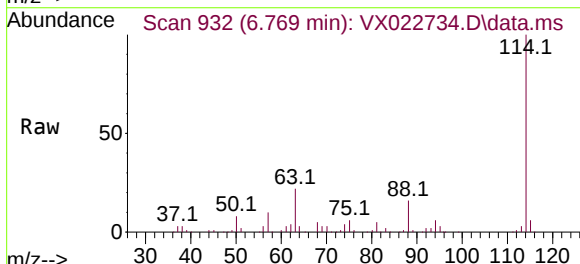
Tgt Ion: 114 Resp: 120428

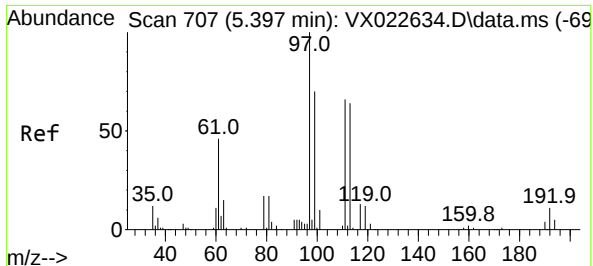
Ion Ratio Lower Upper

114 100

63 22.0 0.0 40.8

88 16.3 0.0 32.8





#35

Dibromofluoromethane

Concen: 47.48 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.006 min

Lab File: VX022734.D

Acq: 17 Jun 2021 12:43

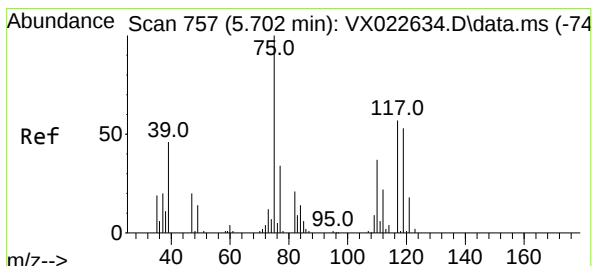
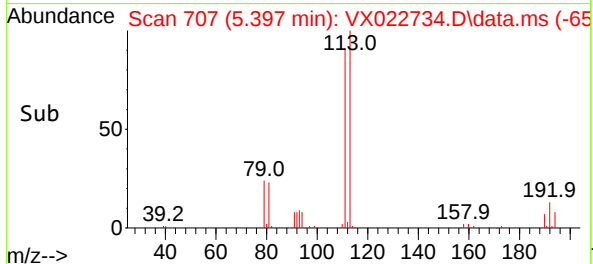
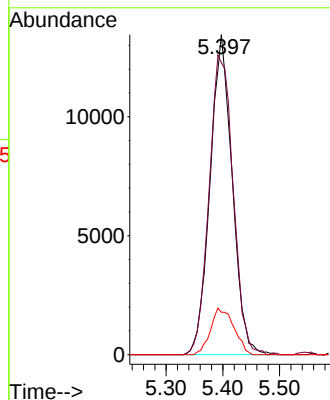
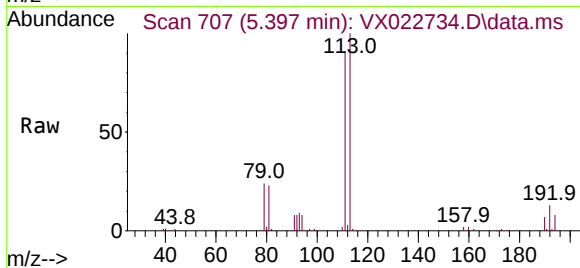
Tgt Ion:113 Resp: 36483

Ion Ratio Lower Upper

113 100

111 101.8 81.9 122.9

192 15.3 16.7 25.1#



#36

1,1-Dichloropropene

Concen: 5.23 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.146 min

Lab File: VX022734.D

Acq: 17 Jun 2021 12:43

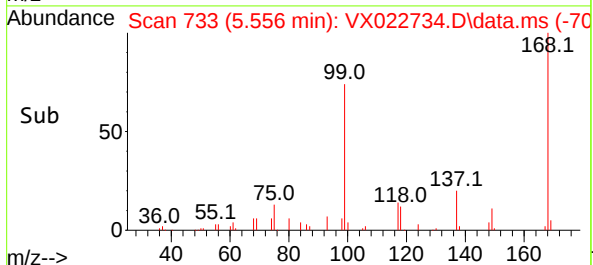
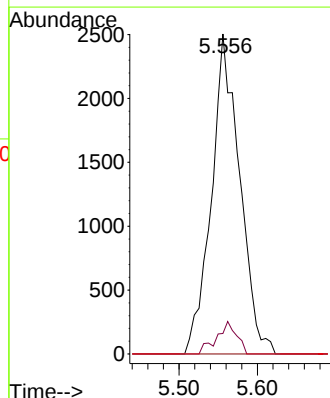
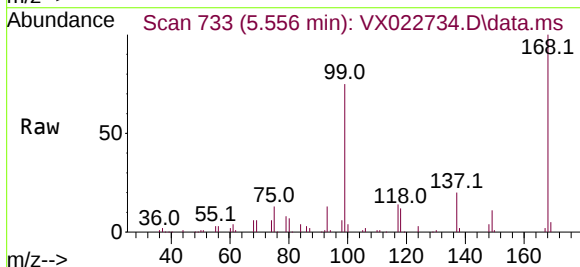
Tgt Ion: 75 Resp: 6279

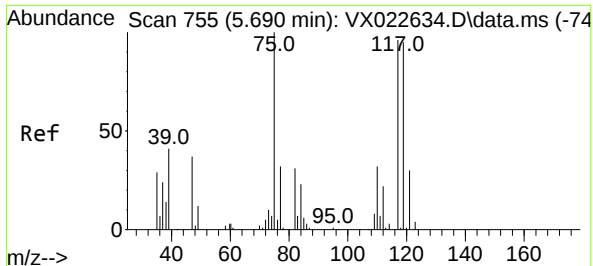
Ion Ratio Lower Upper

75 100

110 7.2 18.1 54.4#

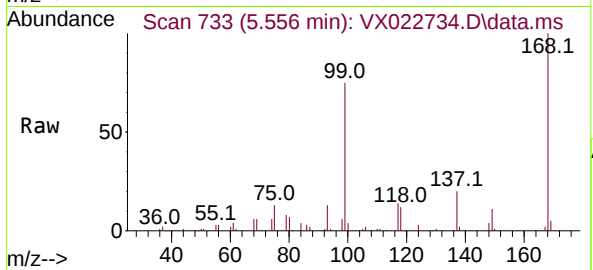
77 0.0 25.3 37.9#



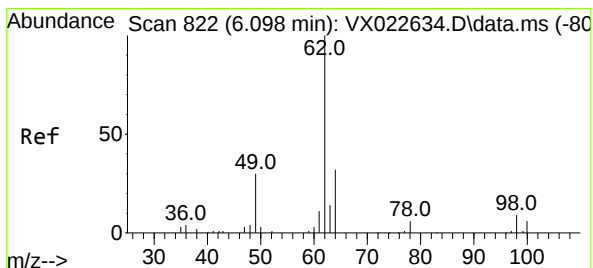
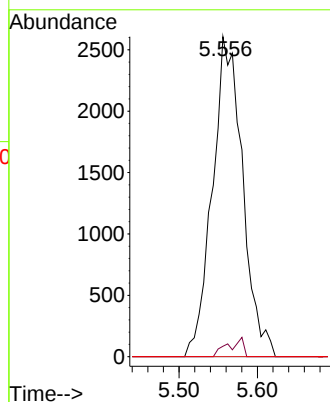
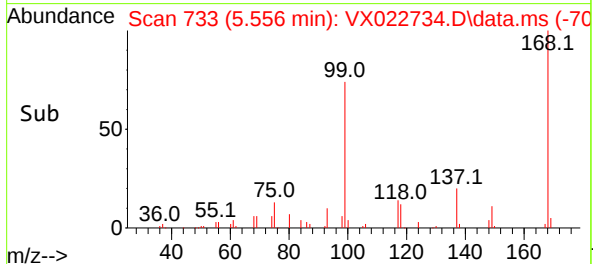


#38
Carbon Tetrachloride
Concen: 6.80 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX022734.D
Acq: 17 Jun 2021 12:43

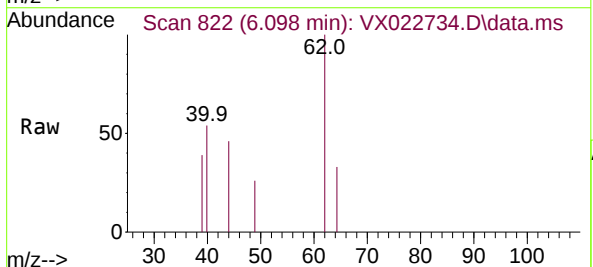
Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20210615



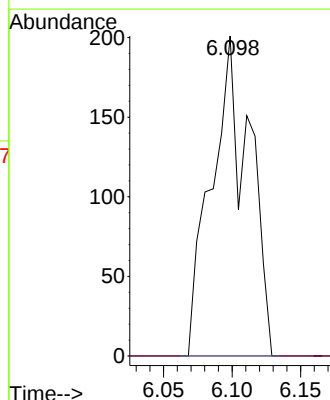
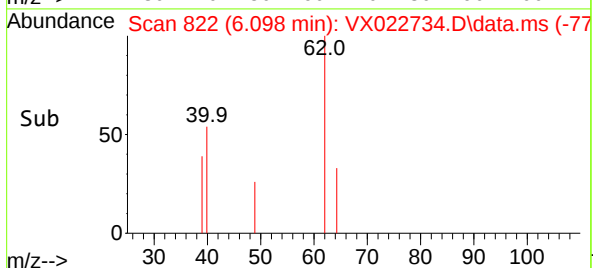
Tgt Ion:117 Resp: 6975
Ion Ratio Lower Upper
117 100
119 3.3 76.2 114.2#
121 0.0 24.8 37.2#

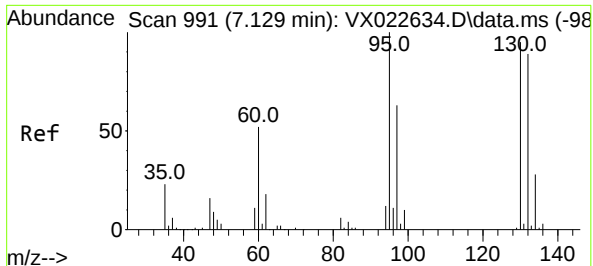


#42
1,2-Dichloroethane
Concen: 0.30 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.000 min
Lab File: VX022734.D
Acq: 17 Jun 2021 12:43



Tgt Ion: 62 Resp: 388
Ion Ratio Lower Upper
62 100
98 0.0 0.0 20.2

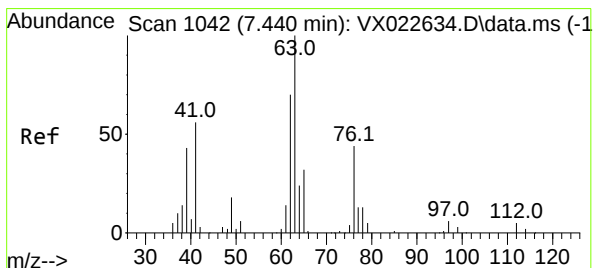
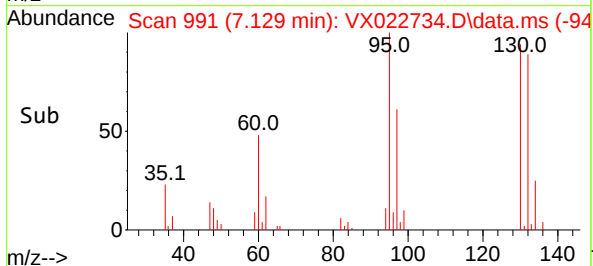
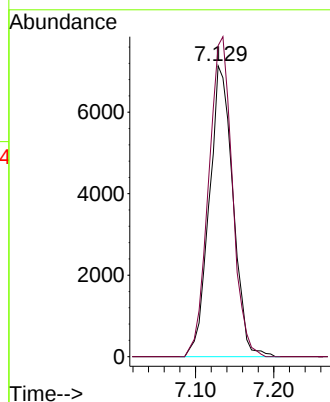
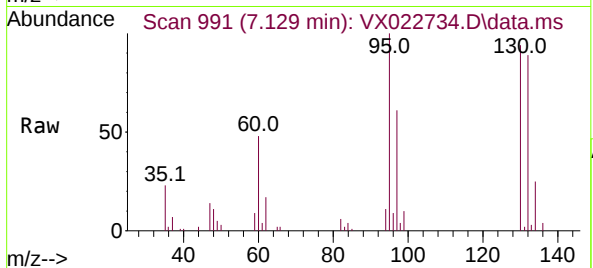




#44
Trichloroethene
Concen: 17.94 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX022734.D
Acq: 17 Jun 2021 12:43

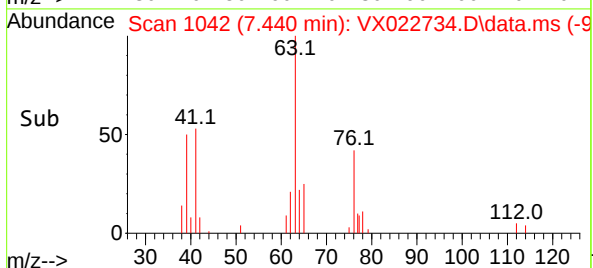
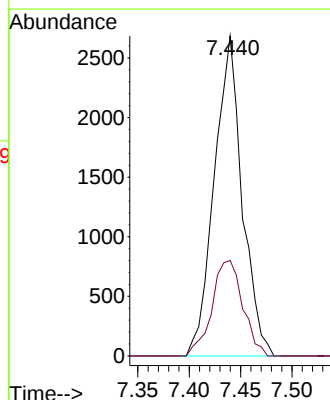
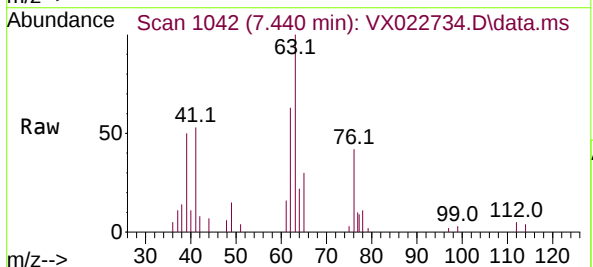
Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20210615

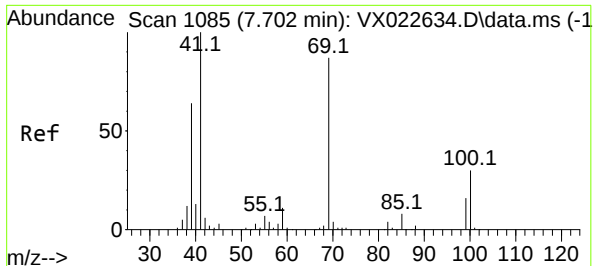
Tgt Ion:130 Resp: 15036
Ion Ratio Lower Upper
130 100
95 106.9 0.0 198.0



#45
1,2-Dichloropropane
Concen: 5.26 ug/l
RT: 7.440 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VX022734.D
Acq: 17 Jun 2021 12:43

Tgt Ion: 63 Resp: 5062
Ion Ratio Lower Upper
63 100
65 29.8 25.7 38.5





#48

Methyl methacrylate

Concen: 2.66 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. -0.262 min

Lab File: VX022734.D

Acq: 17 Jun 2021 12:43

Tgt Ion: 41 Resp: 3080

Ion Ratio Lower Upper

41 100

69 0.0 76.0 114.0#

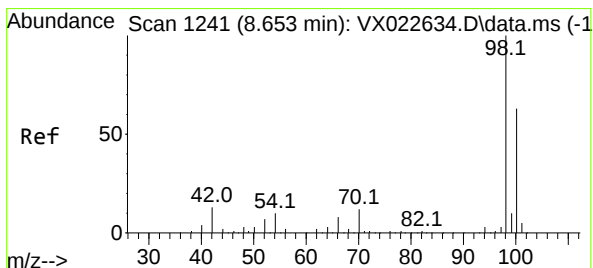
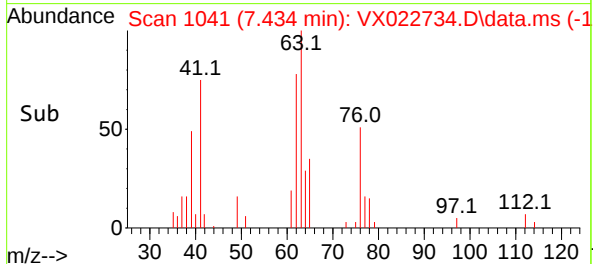
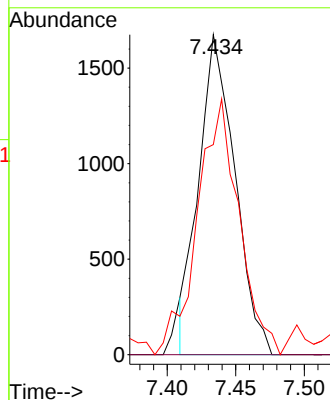
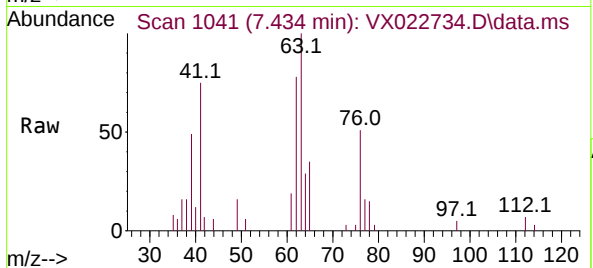
39 85.8 44.6 67.0#

Instrument :

MSVOA_X

ClientSampleId :

RE135D3-20210615



#50

Toluene-d8

Concen: 48.43 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX022734.D

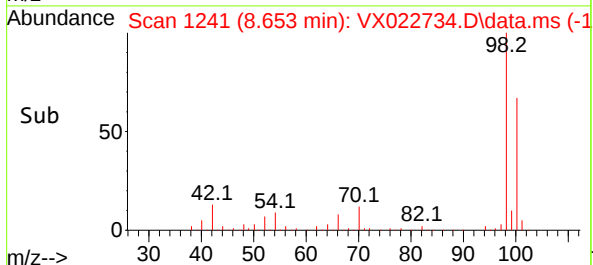
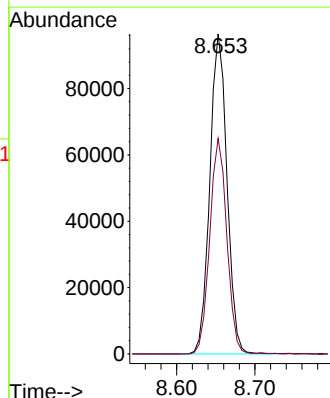
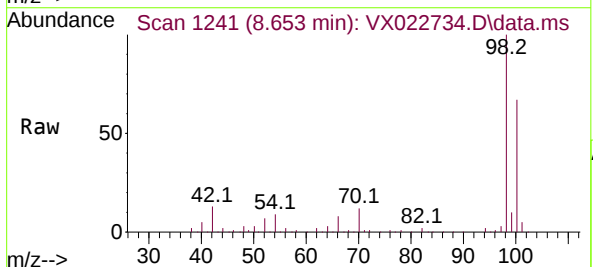
Acq: 17 Jun 2021 12:43

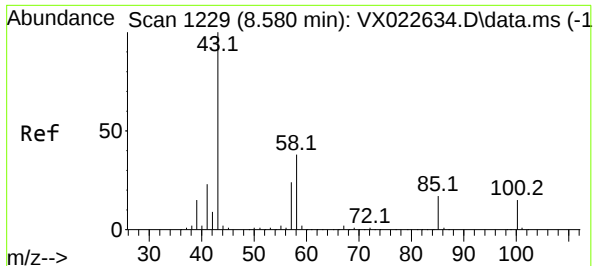
Tgt Ion: 98 Resp: 146686

Ion Ratio Lower Upper

98 100

100 66.9 51.9 77.9

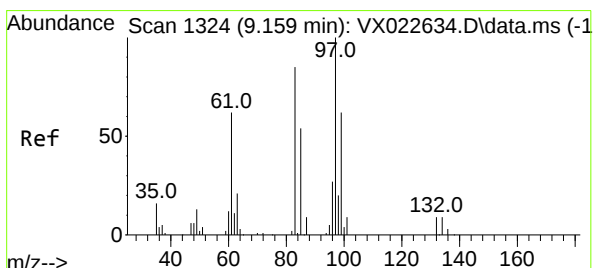
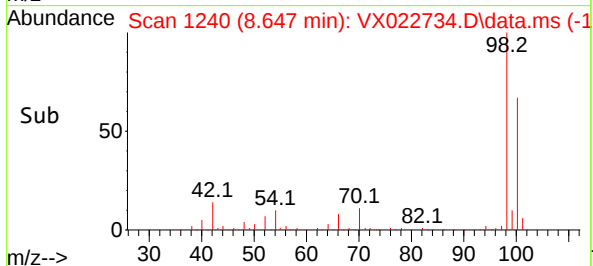
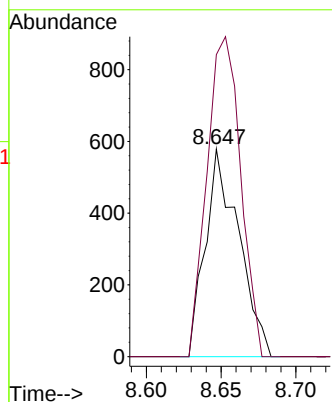
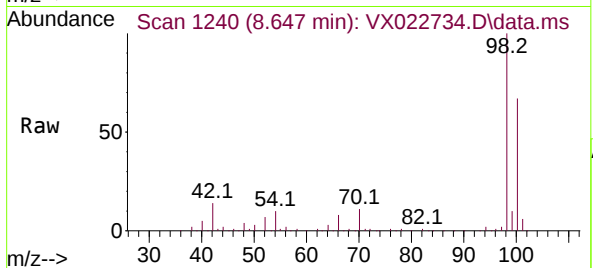




#51
4-Methyl-2-Pentanone
Concen: 0.59 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX022734.D
Acq: 17 Jun 2021 12:43

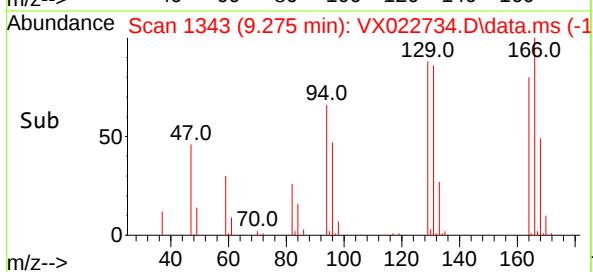
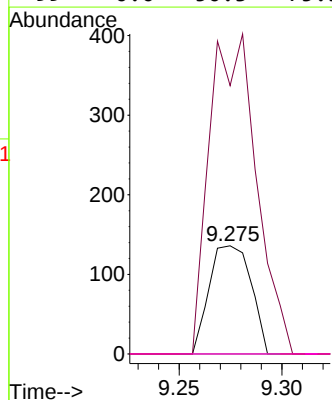
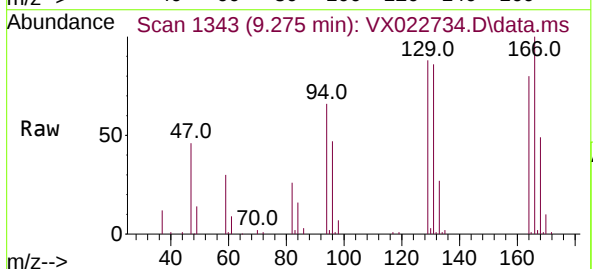
Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20210615

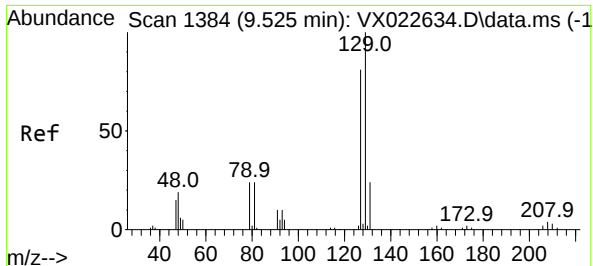
Tgt Ion: 43 Resp: 898
Ion Ratio Lower Upper
43 100
58 156.0 35.4 53.0#



#55
1,1,2-Trichloroethane
Concen: 0.21 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.116 min
Lab File: VX022734.D
Acq: 17 Jun 2021 12:43

Tgt Ion: 97 Resp: 193
Ion Ratio Lower Upper
97 100
83 247.8 69.3 103.9#
85 0.0 44.3 66.5#
99 0.0 50.3 75.5#

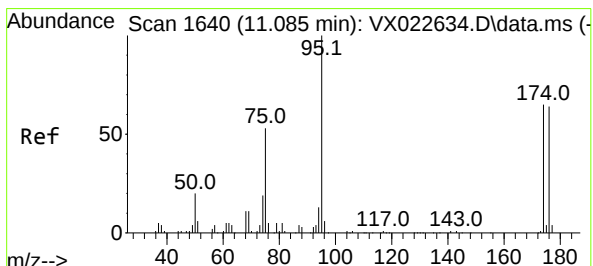
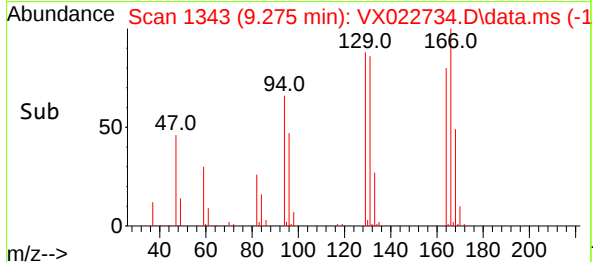
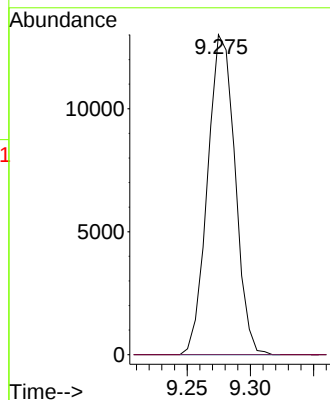
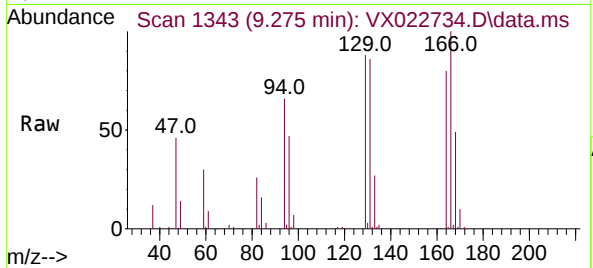




#60
Dibromochloromethane
Concen: 23.77 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX022734.D
Acq: 17 Jun 2021 12:43

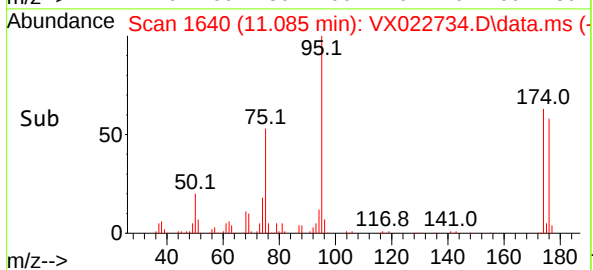
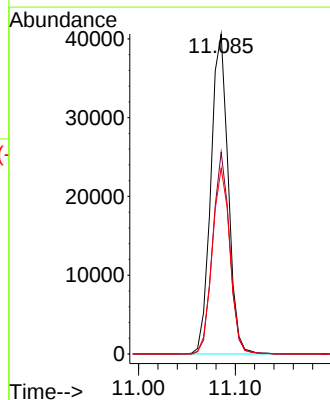
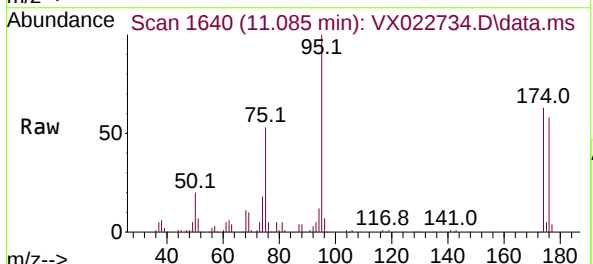
Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20210615

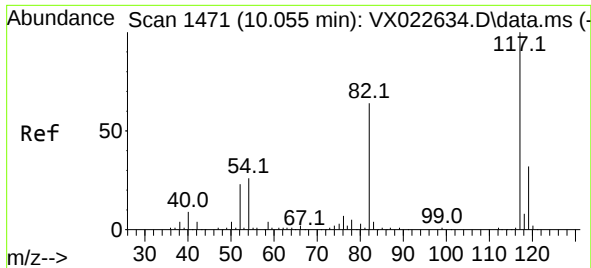
Tgt Ion:129 Resp: 19637
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 44.19 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022734.D
Acq: 17 Jun 2021 12:43

Tgt Ion: 95 Resp: 50625
Ion Ratio Lower Upper
95 100
174 61.5 0.0 154.6
176 59.4 0.0 155.8

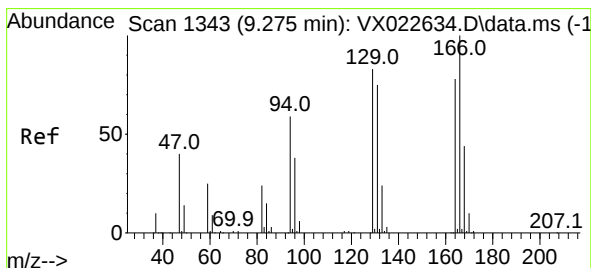
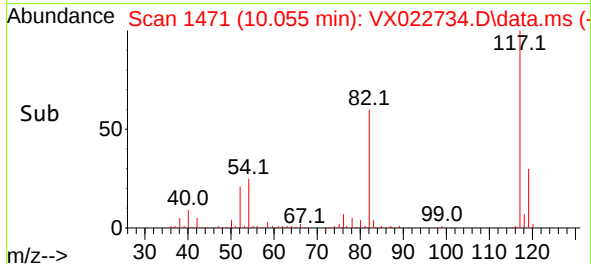
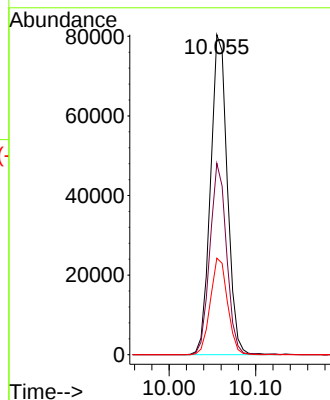
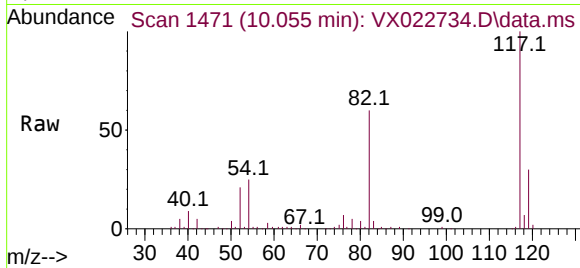




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022734.D
Acq: 17 Jun 2021 12:43

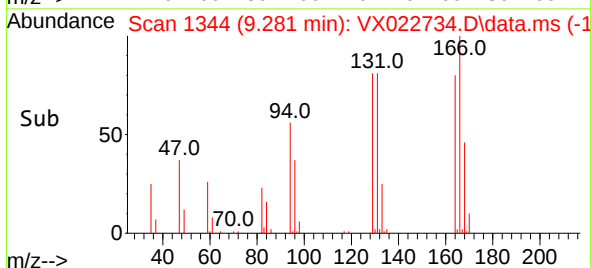
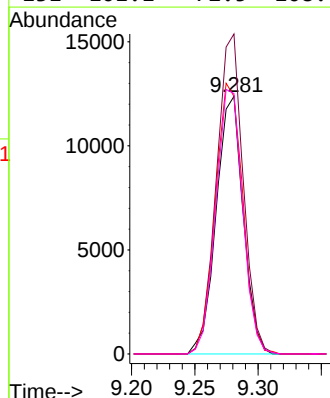
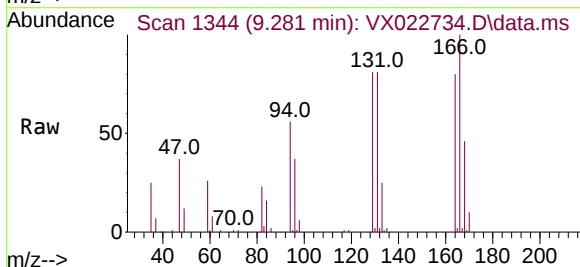
Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20210615

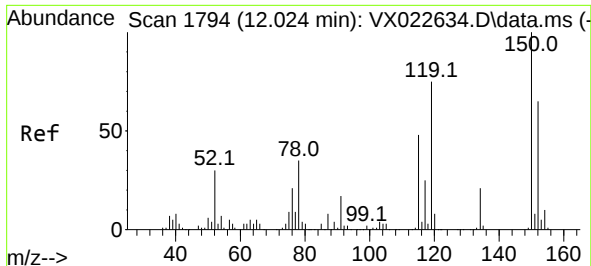
Tgt Ion:	117	Resp:	108220
Ion Ratio	Lower	Upper	
117	100		
82	59.8	47.4	71.2
119	30.1	26.6	39.8



#64
Tetrachloroethene
Concen: 26.77 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.000 min
Lab File: VX022734.D
Acq: 17 Jun 2021 12:43

Tgt Ion:	164	Resp:	18320
Ion Ratio	Lower	Upper	
164	100		
166	124.3	103.4	155.2
129	100.1	70.8	106.2
131	101.1	72.5	108.7

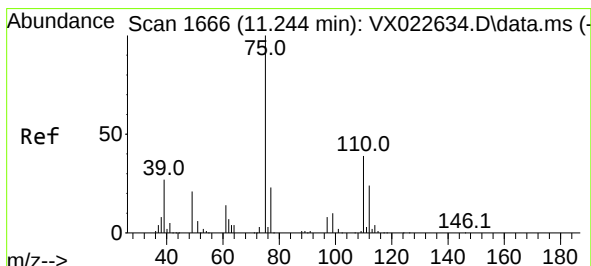
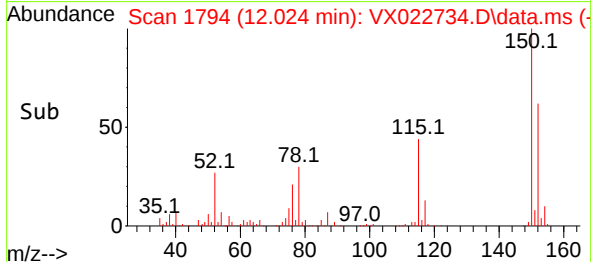
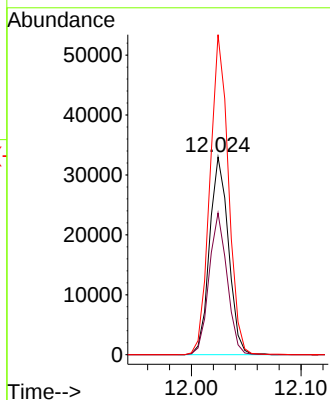
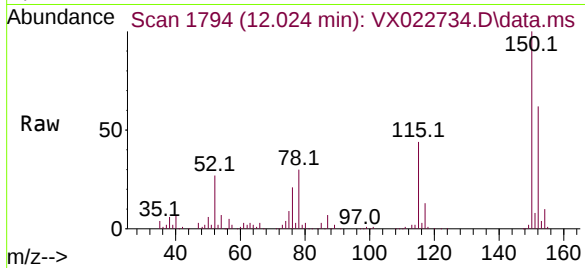




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022734.D
Acq: 17 Jun 2021 12:43

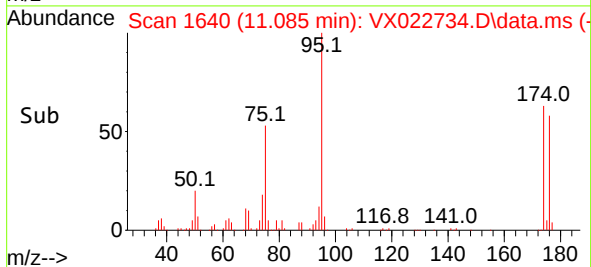
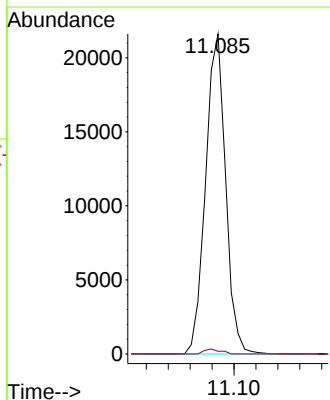
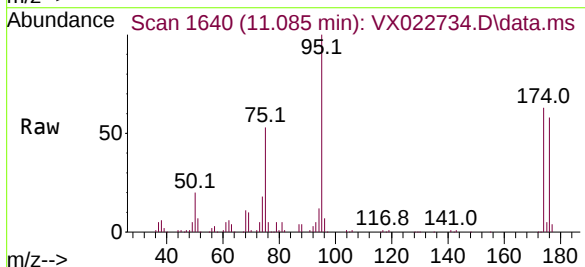
Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20210615

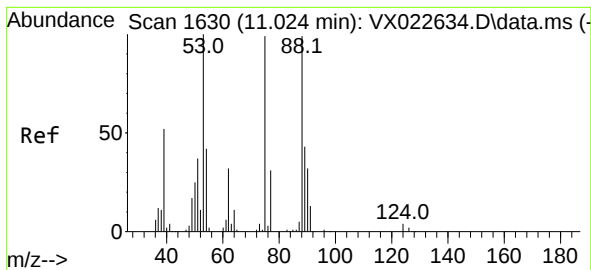
Tgt Ion:152 Resp: 39529
Ion Ratio Lower Upper
152 100
115 68.2 41.1 123.3
150 158.5 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 26.05 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022734.D
Acq: 17 Jun 2021 12:43

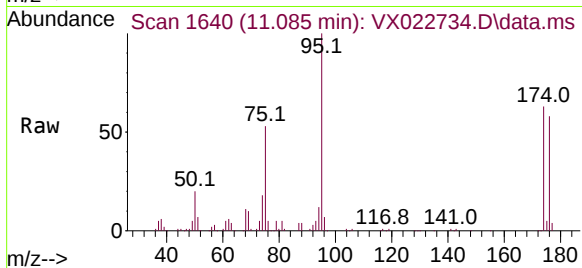
Tgt Ion: 75 Resp: 27300
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.33 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX022734.D
 Acq: 17 Jun 2021 12:43

Instrument :
 MSVOA_X
 ClientSampleId :
 RE135D3-20210615



Tgt Ion: 75 Resp: 27300
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.1 37.9 56.9#

