

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061721\
 Data File : VX022733.D
 Acq On : 17 Jun 2021 12:19
 Operator : JC/MD
 Sample : M2750-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE135D2-20210615

Quant Time: Jun 18 01:16:26 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)

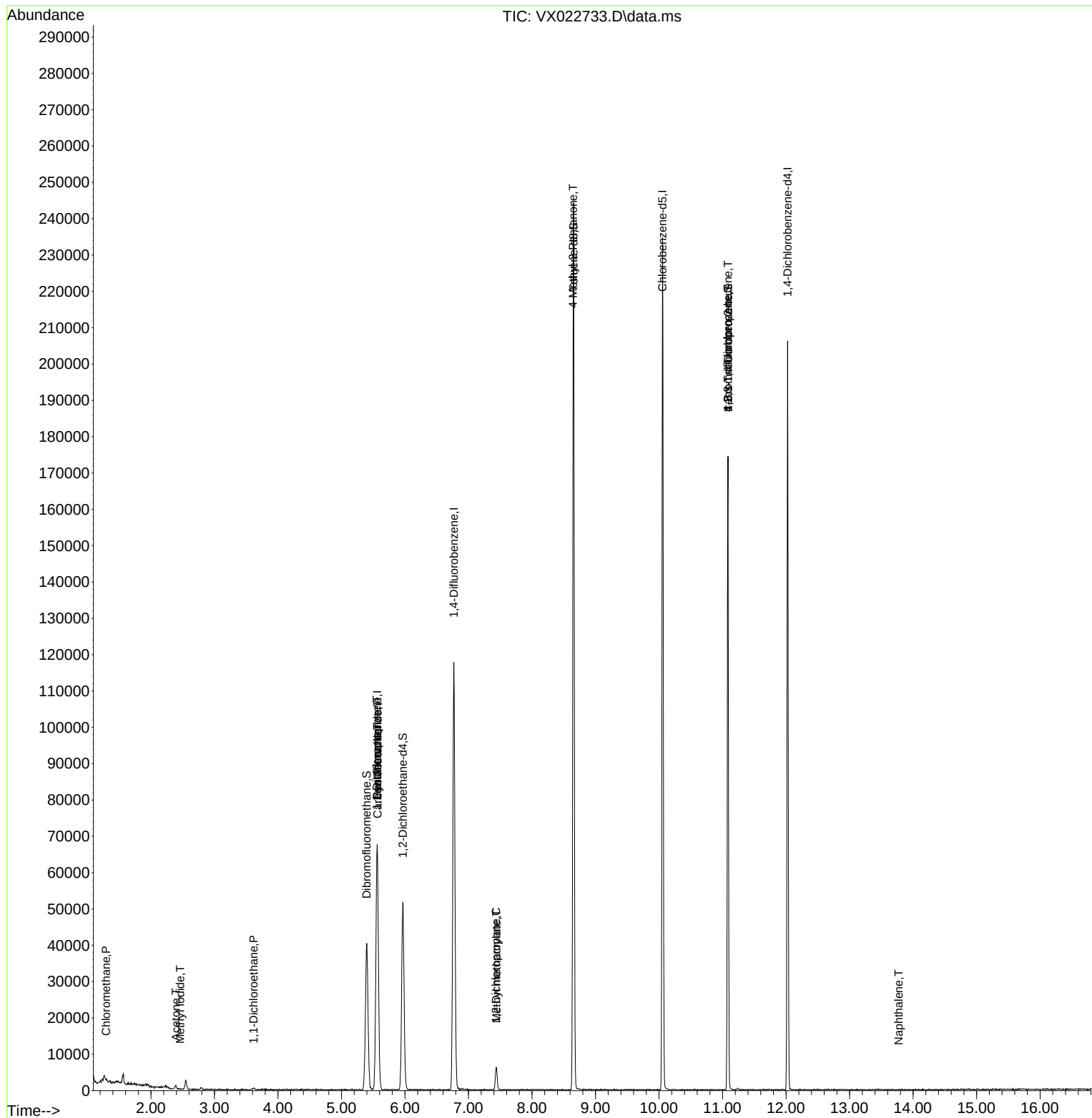
Internal Standards						
1) Pentafluorobenzene	5.562	168	56469	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	112069	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	96989	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	35623	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	47614	46.88	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.76%		
35) Dibromofluoromethane	5.397	113	34026	47.59	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.18%		
50) Toluene-d8	8.653	98	135377	48.03	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.06%		
62) 4-Bromofluorobenzene	11.085	95	46128	43.27	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	86.54%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	174	0.22	ug/l #	42
10) Methyl Iodide	2.459	142	170	0.22	ug/l #	42
16) Acetone	2.392	43	1198	2.63	ug/l	97
20) Methylene Chloride	2.794	84	190	Below Cal	#	39
24) 1,1-Dichloroethane	3.617	63	672	0.44	ug/l #	81
31) Cyclohexane	5.562	56	1804	1.47	ug/l #	3
36) 1,1-Dichloropropene	5.556	75	5929	5.31	ug/l #	46
38) Carbon Tetrachloride	5.568	117	6529	6.84	ug/l #	14
45) 1,2-Dichloropropane	7.434	63	2488	2.78	ug/l	92
48) Methyl methacrylate	7.440	41	1534	1.43	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	742	0.52	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	25081	26.55	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	25081	66.49	ug/l #	12
95) Naphthalene	13.774	128	73	1.50	ug/l #	69

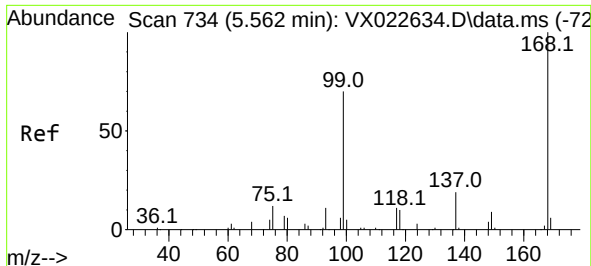
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 18 01:16:26 2021
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Response via : Initial Calibration

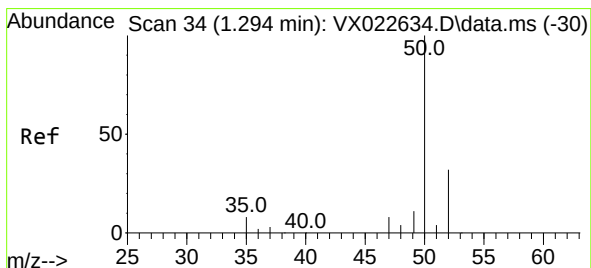
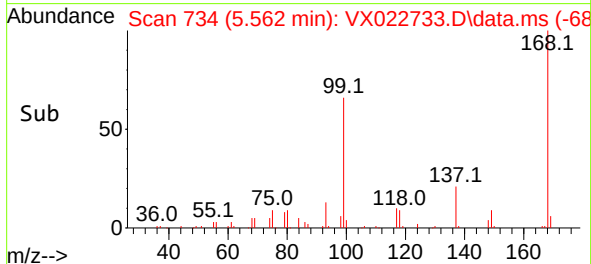
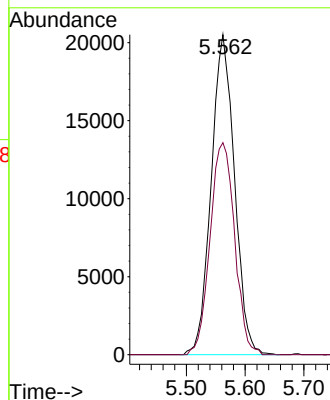
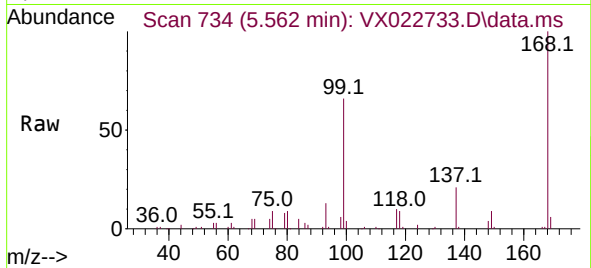




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022733.D
Acq: 17 Jun 2021 12:19

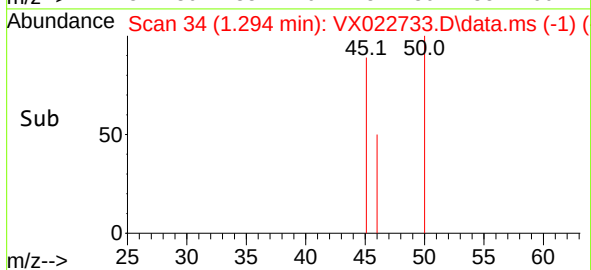
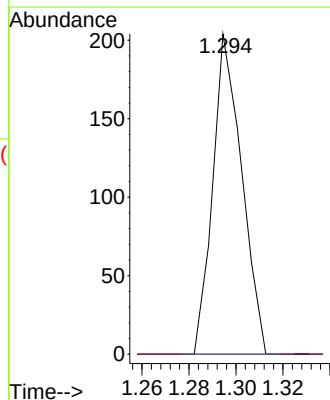
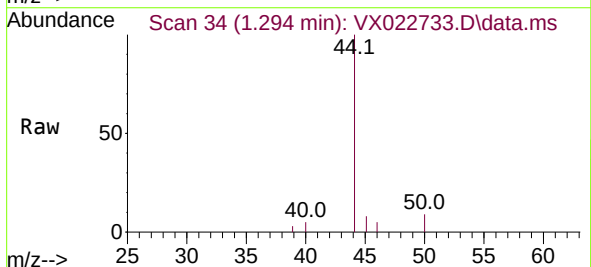
Instrument :
MSVOA_X
ClientSampleId :
RE135D2-20210615

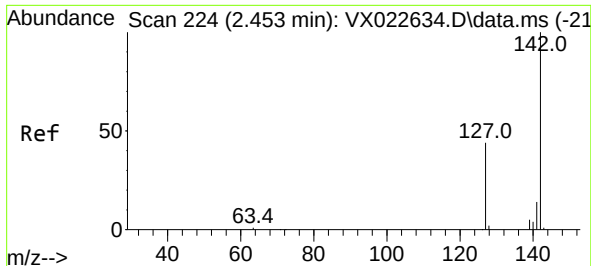
Tgt Ion:168 Resp: 56469
Ion Ratio Lower Upper
168 100
99 66.2 45.8 68.6



#3
Chloromethane
Concen: 0.22 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX022733.D
Acq: 17 Jun 2021 12:19

Tgt Ion: 50 Resp: 174
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

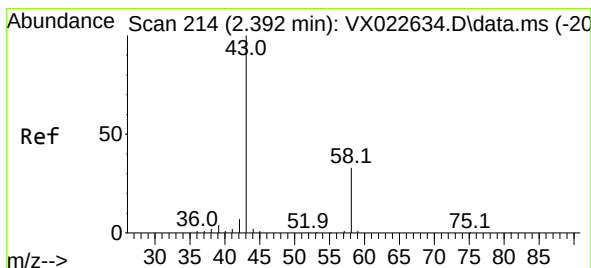
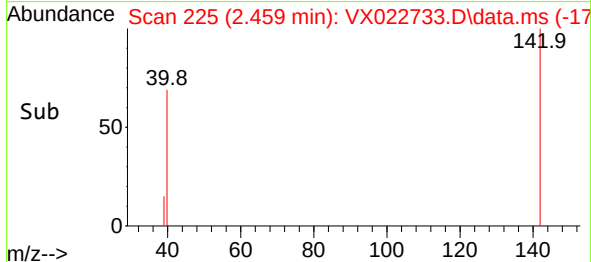
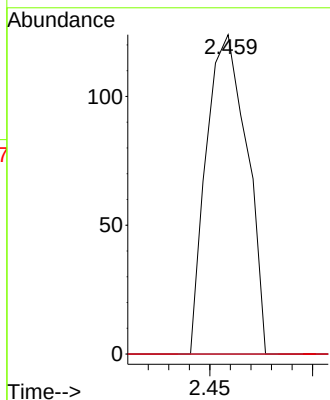
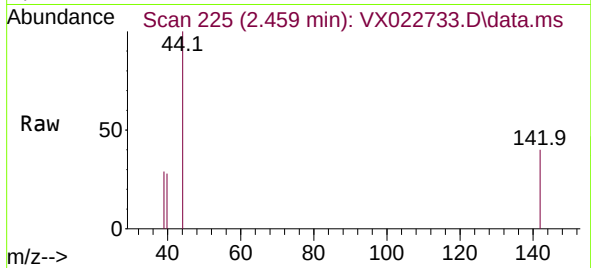




#10
Methyl Iodide
Concen: 0.22 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX022733.D
Acq: 17 Jun 2021 12:19

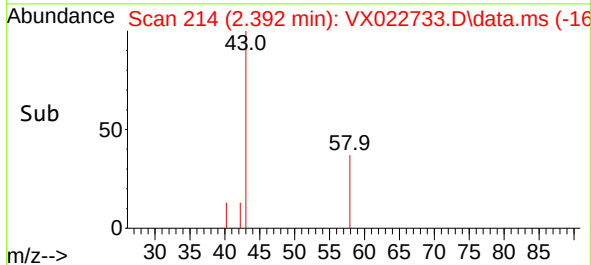
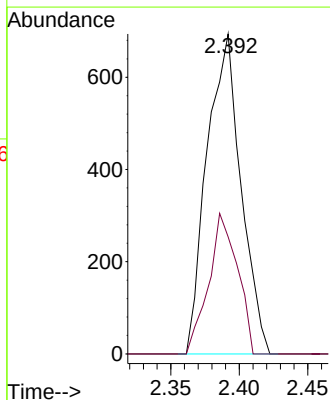
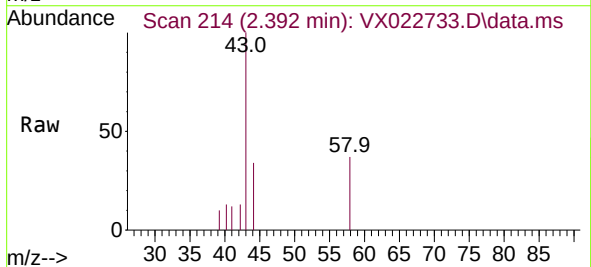
Instrument :
MSVOA_X
ClientSampleId :
RE135D2-20210615

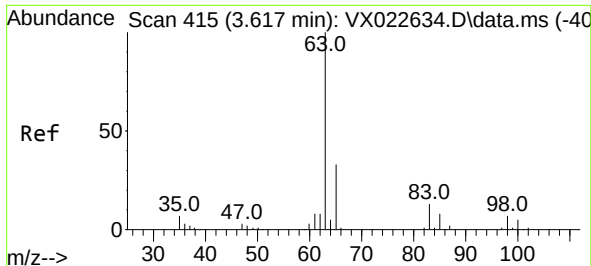
Tgt Ion:142 Resp: 170
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#



#16
Acetone
Concen: 2.63 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022733.D
Acq: 17 Jun 2021 12:19

Tgt Ion: 43 Resp: 1198
Ion Ratio Lower Upper
43 100
58 36.6 27.8 41.8

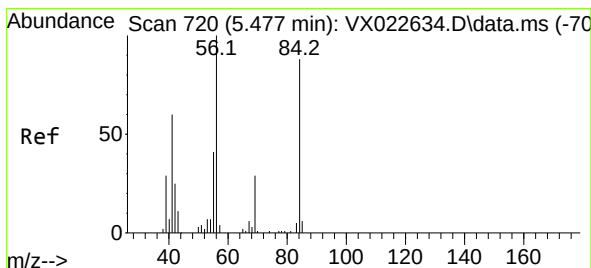
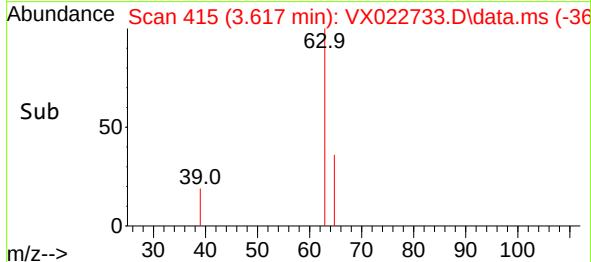
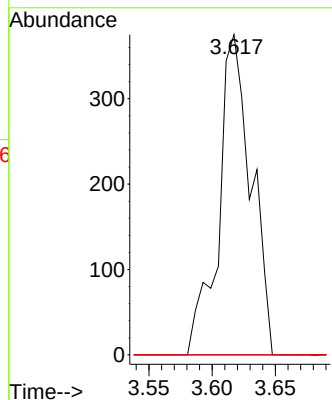
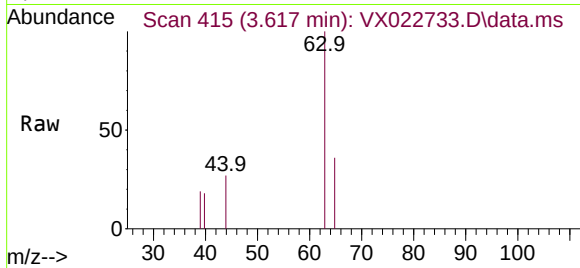




#24
1,1-Dichloroethane
Concen: 0.44 ug/l
RT: 3.617 min Scan# 415
Delta R.T. 0.006 min
Lab File: VX022733.D
Acq: 17 Jun 2021 12:19

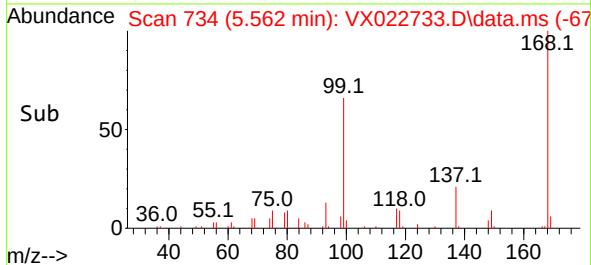
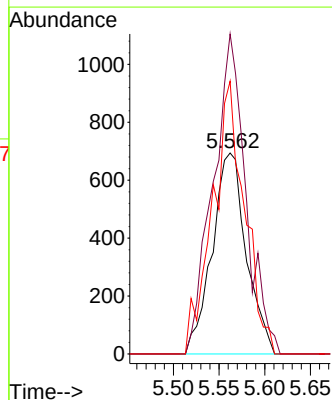
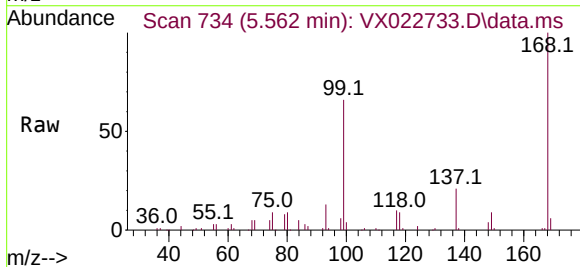
Instrument :
MSVOA_X
ClientSampleId :
RE135D2-20210615

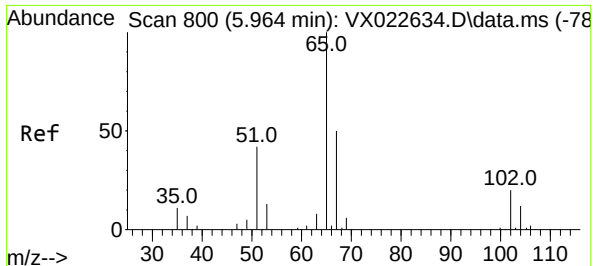
Tgt Ion: 63 Resp: 672
Ion Ratio Lower Upper
63 100
98 0.0 3.8 11.2#
100 0.0 2.5 7.5#



#31
Cyclohexane
Concen: 1.47 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX022733.D
Acq: 17 Jun 2021 12:19

Tgt Ion: 56 Resp: 1804
Ion Ratio Lower Upper
56 100
69 159.2 25.3 37.9#
84 135.7 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 46.88 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX022733.D

Acq: 17 Jun 2021 12:19

Tgt Ion: 65 Resp: 47614

Ion Ratio Lower Upper

65 100

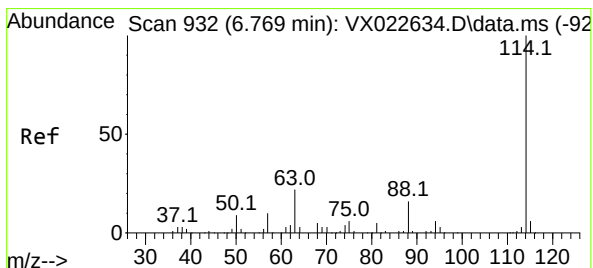
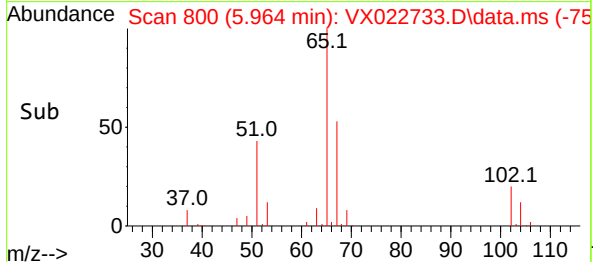
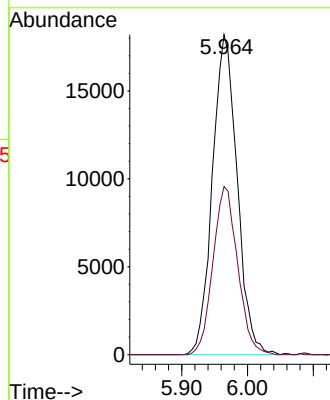
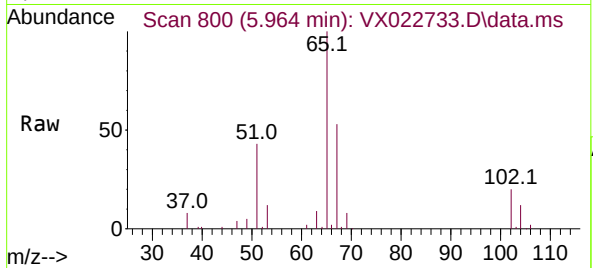
67 52.4 0.0 105.4

Instrument :

MSVOA_X

ClientSampleId :

RE135D2-20210615



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX022733.D

Acq: 17 Jun 2021 12:19

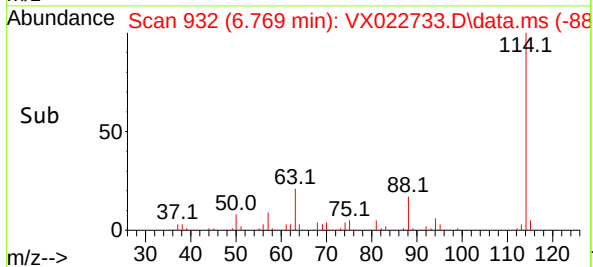
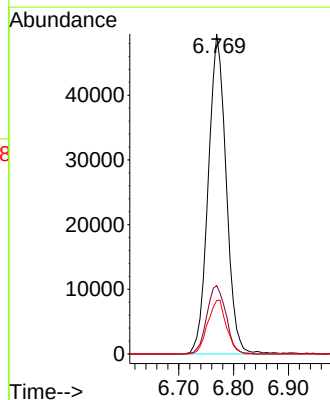
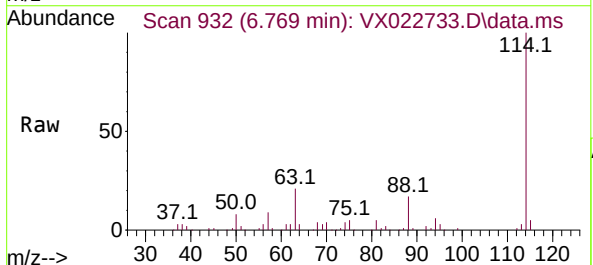
Tgt Ion: 114 Resp: 112069

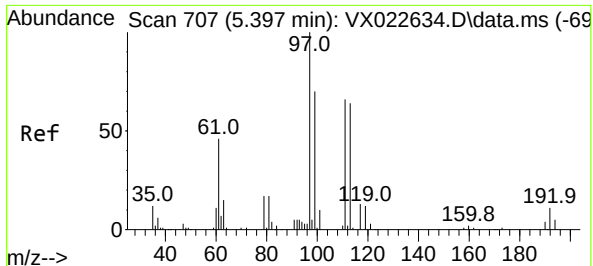
Ion Ratio Lower Upper

114 100

63 21.3 0.0 40.8

88 16.7 0.0 32.8





#35

Dibromofluoromethane

Concen: 47.59 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.006 min

Lab File: VX022733.D

Acq: 17 Jun 2021 12:19

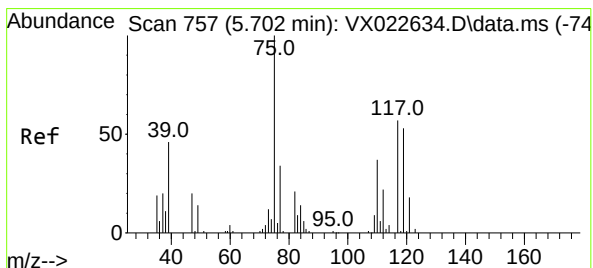
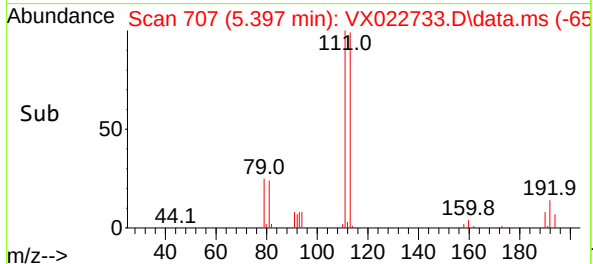
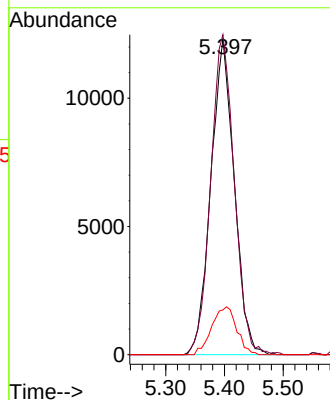
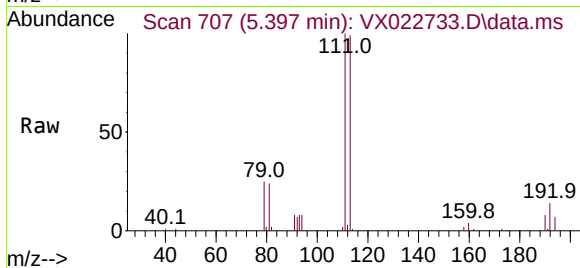
Tgt Ion:	113	Resp:	34026
Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.9	122.9
192	16.2	16.7	25.1#

Instrument :

MSVOA_X

ClientSampleId :

RE135D2-20210615



#36

1,1-Dichloropropene

Concen: 5.31 ug/l

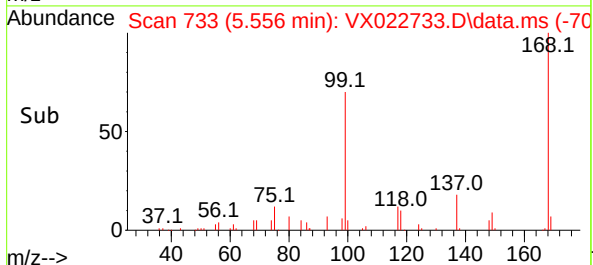
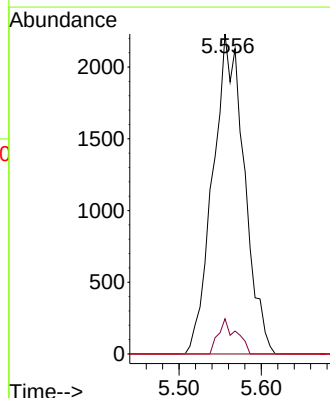
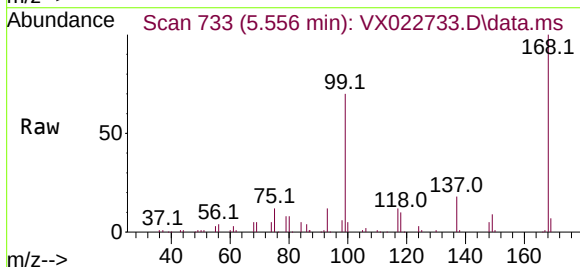
RT: 5.556 min Scan# 733

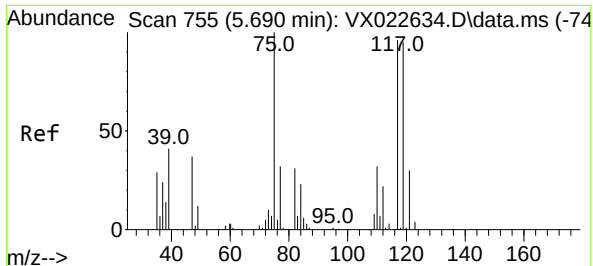
Delta R.T. -0.146 min

Lab File: VX022733.D

Acq: 17 Jun 2021 12:19

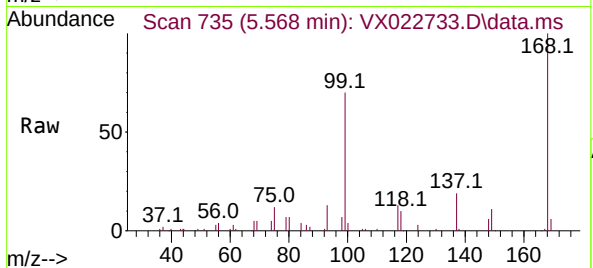
Tgt Ion:	75	Resp:	5929
Ion	Ratio	Lower	Upper
75	100		
110	6.3	18.1	54.4#
77	0.0	25.3	37.9#



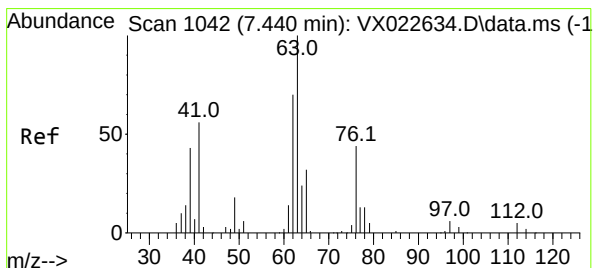
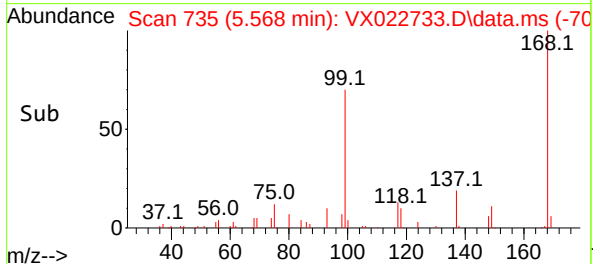
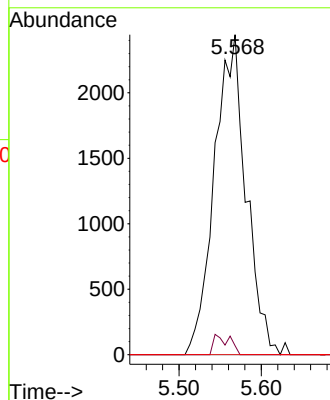


#38
Carbon Tetrachloride
Concen: 6.84 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.110 min
Lab File: VX022733.D
Acq: 17 Jun 2021 12:19

Instrument :
MSVOA_X
ClientSampleId :
RE135D2-20210615

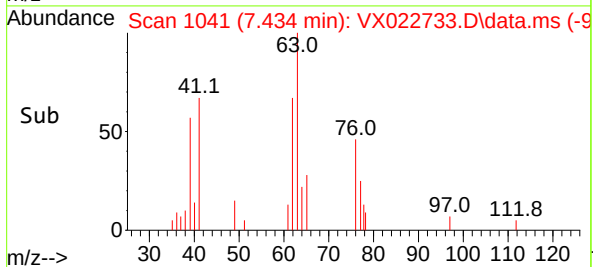
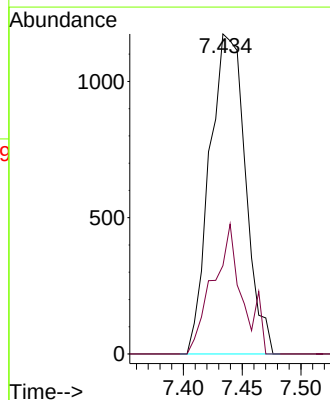
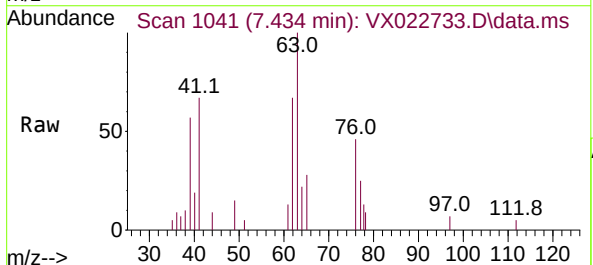


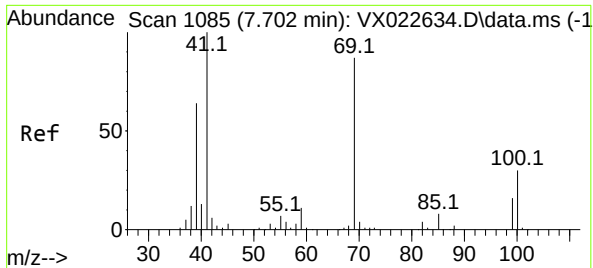
Tgt Ion:117 Resp: 6529
Ion Ratio Lower Upper
117 100
119 2.8 76.2 114.2#
121 0.0 24.8 37.2#



#45
1,2-Dichloropropane
Concen: 2.78 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VX022733.D
Acq: 17 Jun 2021 12:19

Tgt Ion: 63 Resp: 2488
Ion Ratio Lower Upper
63 100
65 27.6 25.7 38.5

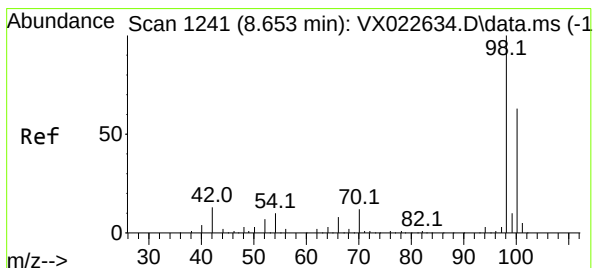
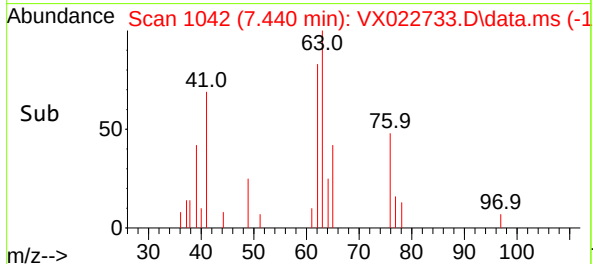
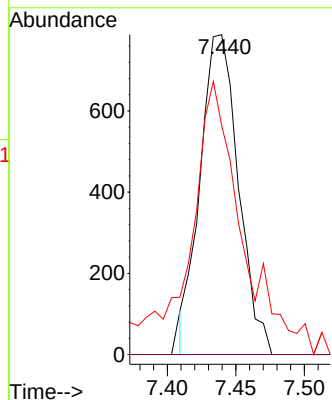
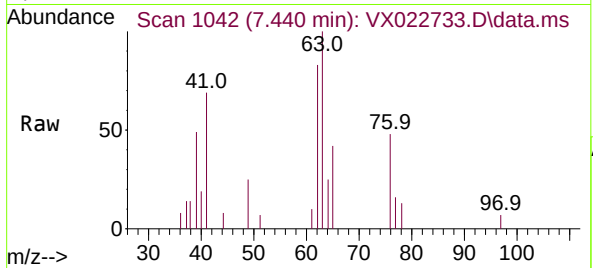




#48
Methyl methacrylate
Concen: 1.43 ug/l
RT: 7.440 min Scan# 1042
Delta R.T. -0.256 min
Lab File: VX022733.D
Acq: 17 Jun 2021 12:19

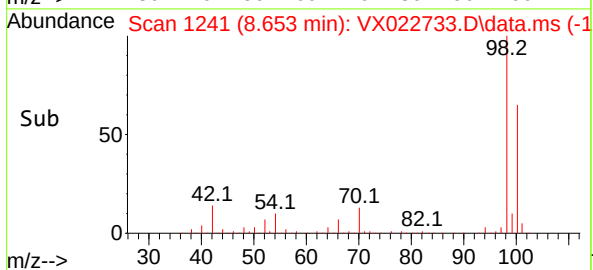
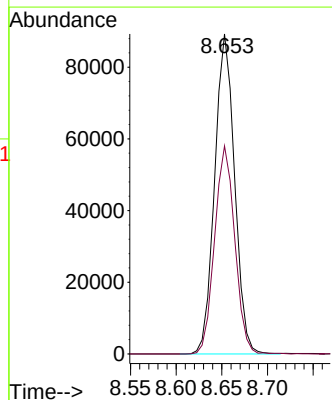
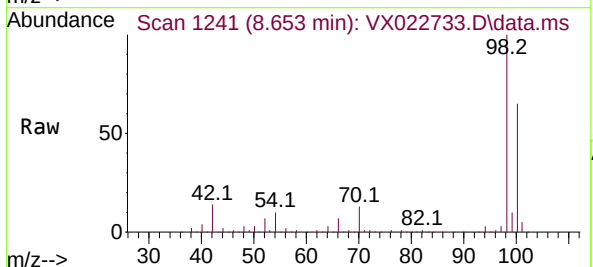
Instrument :
MSVOA_X
ClientSampleId :
RE135D2-20210615

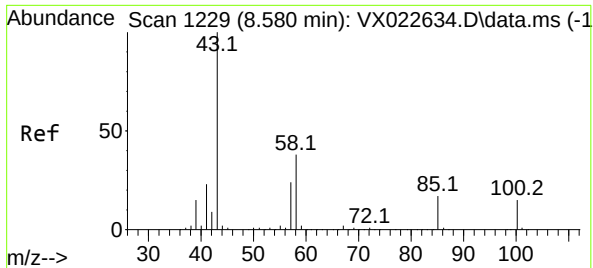
Tgt Ion: 41 Resp: 1534
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 99.4 44.6 67.0#



#50
Toluene-d8
Concen: 48.03 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022733.D
Acq: 17 Jun 2021 12:19

Tgt Ion: 98 Resp: 135377
Ion Ratio Lower Upper
98 100
100 65.6 51.9 77.9

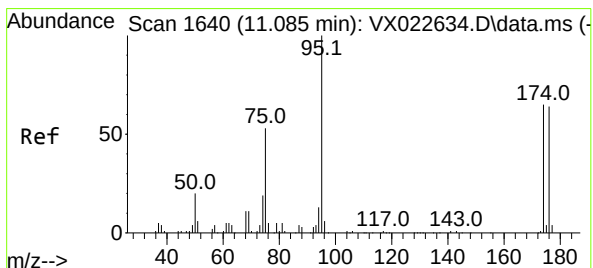
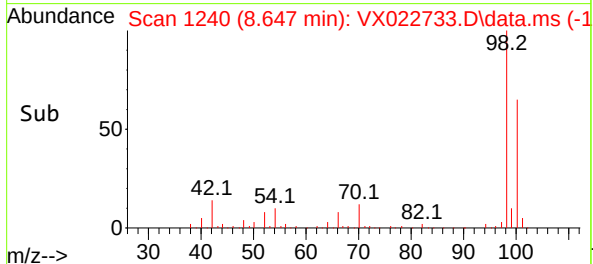
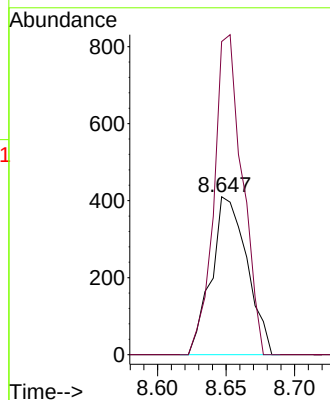
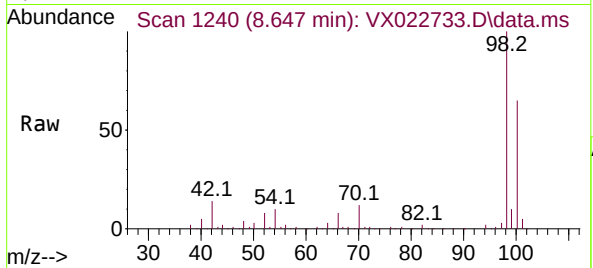




#51
4-Methyl-2-Pentanone
Concen: 0.52 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX022733.D
Acq: 17 Jun 2021 12:19

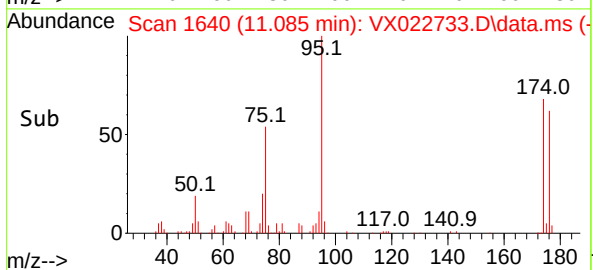
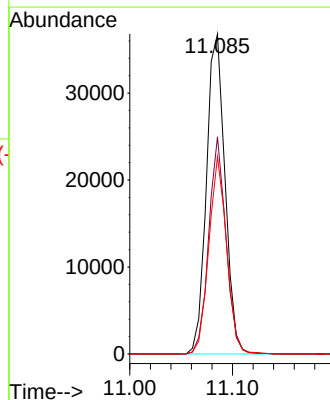
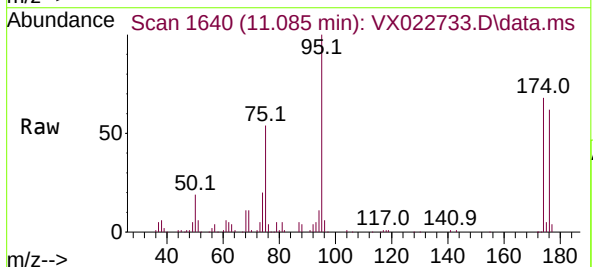
Instrument :
MSVOA_X
ClientSampleId :
RE135D2-20210615

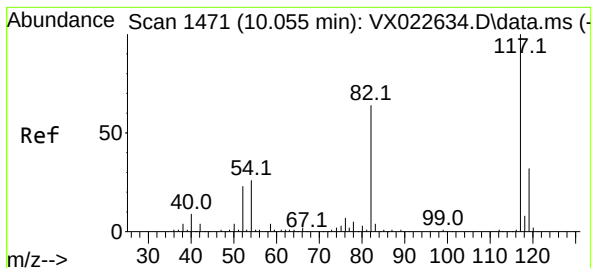
Tgt Ion: 43 Resp: 742
Ion Ratio Lower Upper
43 100
58 161.9 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 43.27 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022733.D
Acq: 17 Jun 2021 12:19

Tgt Ion: 95 Resp: 46128
Ion Ratio Lower Upper
95 100
174 63.0 0.0 154.6
176 59.0 0.0 155.8

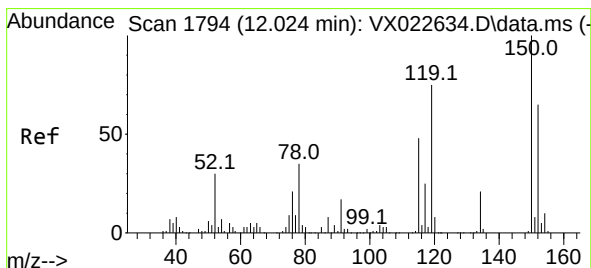
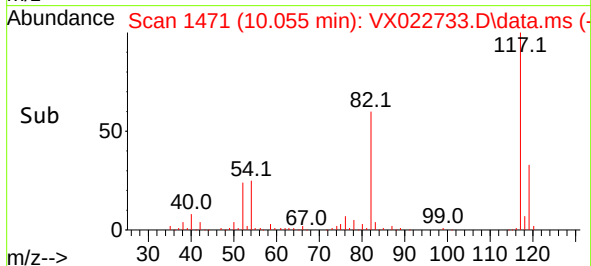
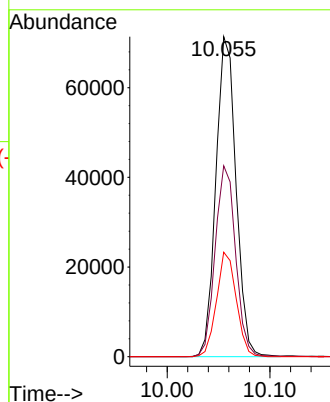
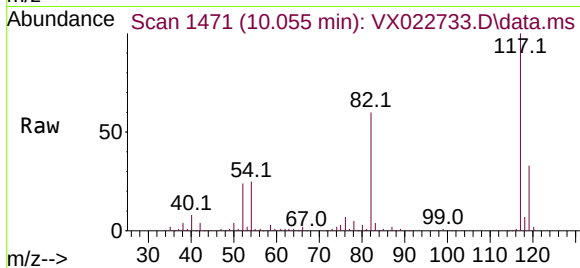




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022733.D
Acq: 17 Jun 2021 12:19

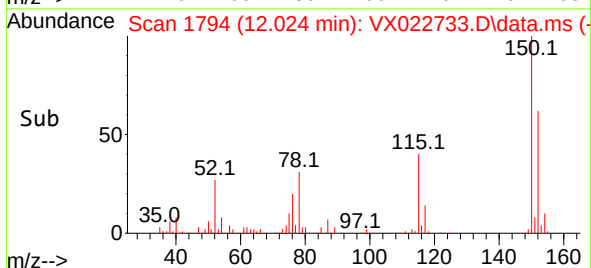
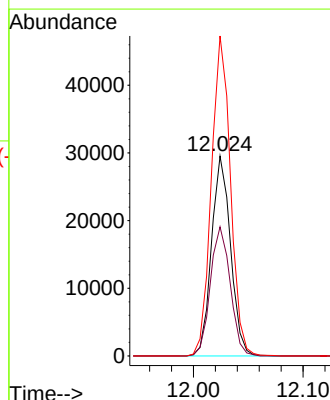
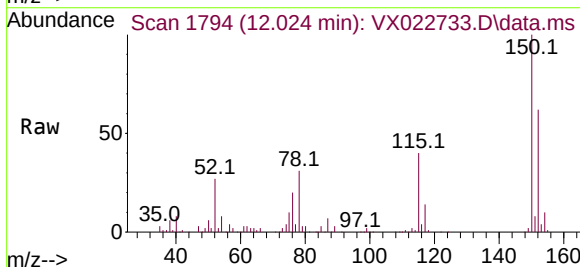
Instrument :
MSVOA_X
ClientSampleId :
RE135D2-20210615

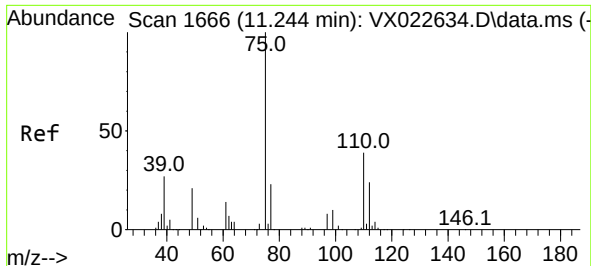
Tgt Ion:	117	Resp:	96989
Ion Ratio	Lower	Upper	
117	100		
82	59.6	47.4	71.2
119	32.6	26.6	39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX022733.D
Acq: 17 Jun 2021 12:19

Tgt Ion:	152	Resp:	35623
Ion Ratio	Lower	Upper	
152	100		
115	67.3	41.1	123.3
150	160.7	0.0	349.0

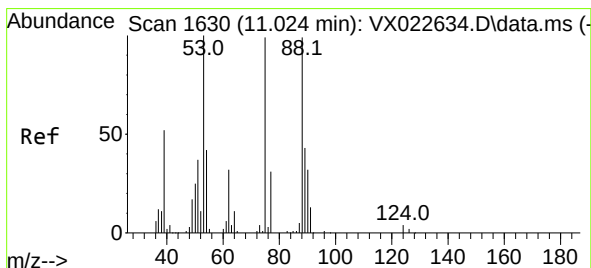
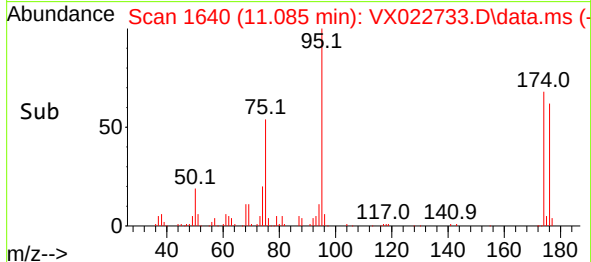
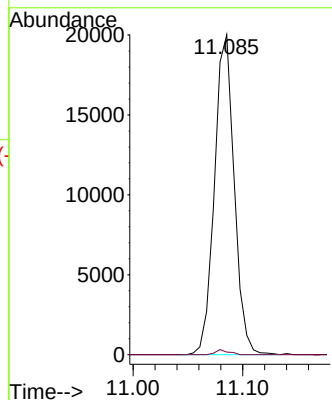
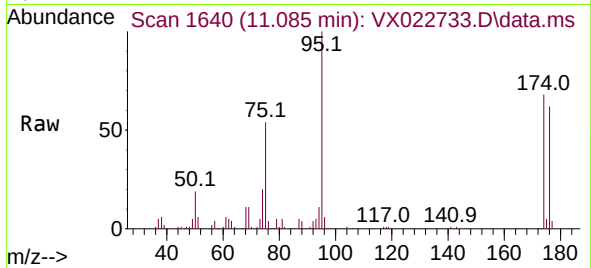




#76
1,2,3-Trichloropropane
Concen: 26.55 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022733.D
Acq: 17 Jun 2021 12:19

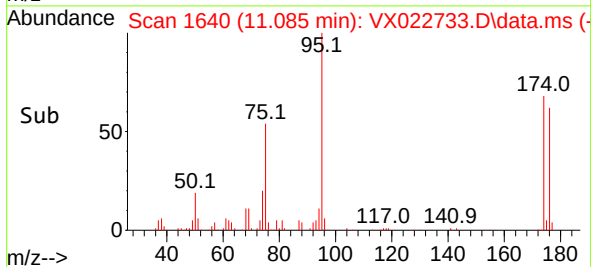
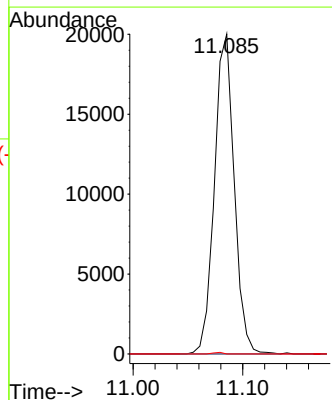
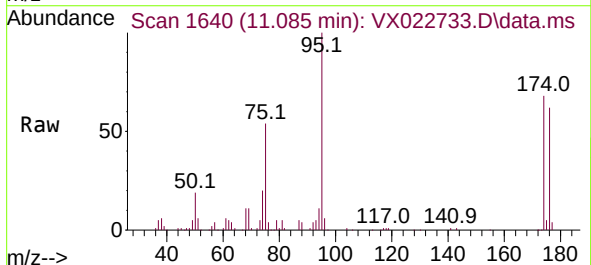
Instrument :
MSVOA_X
ClientSampleId :
RE135D2-20210615

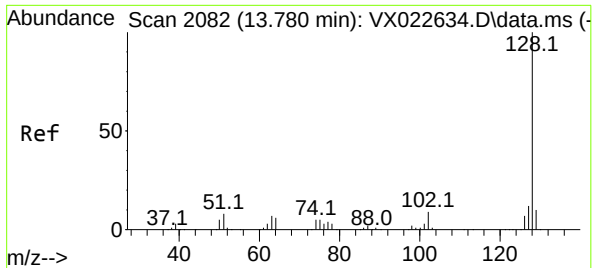
Tgt Ion: 75 Resp: 25081
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.49 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022733.D
Acq: 17 Jun 2021 12:19

Tgt Ion: 75 Resp: 25081
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.2 37.9 56.9#





#95
Naphthalene
Concen: 1.50 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX022733.D
Acq: 17 Jun 2021 12:19

Instrument :
MSVOA_X
ClientSampleId :
RE135D2-20210615

Tgt Ion:128	Resp:	73
Ion	Ratio	Lower Upper
128	100	
127	0.0	10.3 15.5#
129	0.0	8.8 13.2#

