

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061621\
 Data File : VX022712.D
 Acq On : 16 Jun 2021 10:38
 Operator : JC/MD
 Sample : VV0616MBL01
 Misc : 5.0g/10.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0616MBL01

Quant Time: Jun 17 02:20:25 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)

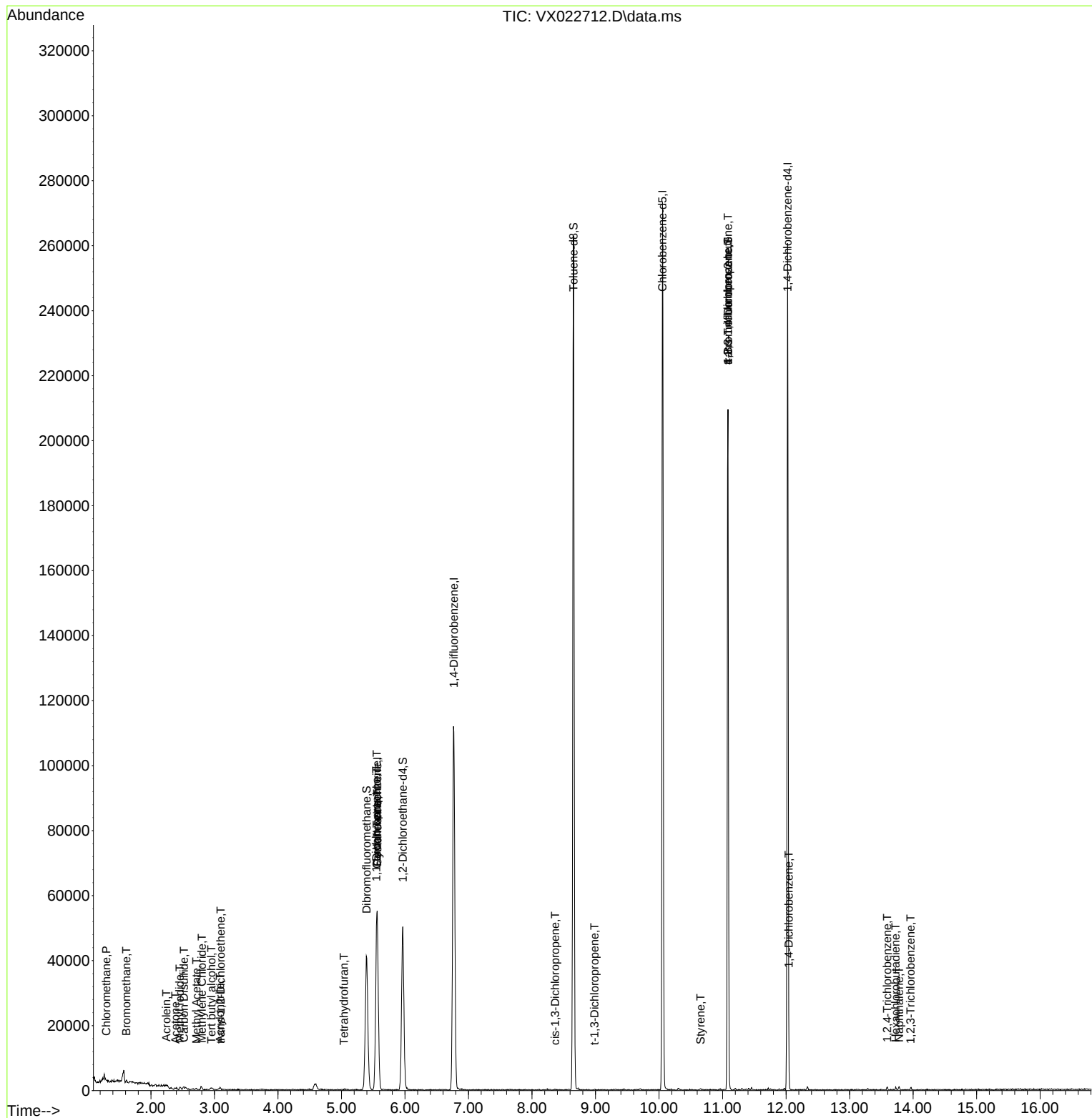
Internal Standards						
1) Pentafluorobenzene	5.562	168	46376	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	109578	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	115416	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	46621	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	44332	53.15	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.30%			
35) Dibromofluoromethane	5.397	113	34788	49.76	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.52%			
50) Toluene-d8	8.653	98	143040	51.90	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.80%			
62) 4-Bromofluorobenzene	11.085	95	56649	54.35	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.70%			
Target Compounds					Qvalue	
3) Chloromethane	1.294	50	147	0.22	ug/l #	82
5) Bromomethane	1.611	94	185	0.53	ug/l #	58
10) Methyl Iodide	2.453	142	583	0.92	ug/l #	88
11) Tert butyl alcohol	2.953	59	445	2.30	ug/l #	73
13) Acrolein	2.239	56	102	1.26	ug/l #	73
15) Acrylonitrile	3.087	53	341	0.90	ug/l #	74
16) Acetone	2.386	43	495	1.33	ug/l #	85
17) Carbon Disulfide	2.520	76	961	0.76	ug/l #	75
18) Methyl Acetate	2.715	43	293	0.26	ug/l #	47
20) Methylene Chloride	2.800	84	522	0.45	ug/l #	53
21) trans-1,2-Dichloroethene	3.099	96	166	0.27	ug/l #	39
29) Tetrahydrofuran	5.038	42	111	0.31	ug/l #	27
31) Cyclohexane	5.562	56	1483	1.47	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	5057	4.63	ug/l #	47
38) Carbon Tetrachloride	5.556	117	5526	5.92	ug/l #	16
53) t-1,3-Dichloropropene	8.982	75	65	3.30	ug/l #	44
54) cis-1,3-Dichloropropene	8.366	75	55	2.53	ug/l #	72
70) Styrene	10.653	104	147	1.50	ug/l #	58
76) 1,2,3-Trichloropropane	11.085	75	30218	24.45	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	30218	61.69	ug/l #	12
88) 1,4-Dichlorobenzene	12.043	146	374	0.23	ug/l #	72
93) 1,2,4-Trichlorobenzene	13.591	180	274	0.30	ug/l	89
94) Hexachlorobutadiene	13.725	225	185	0.57	ug/l	80
95) Naphthalene	13.780	128	872	1.69	ug/l #	92
96) 1,2,3-Trichlorobenzene	13.963	180	186	0.21	ug/l	62

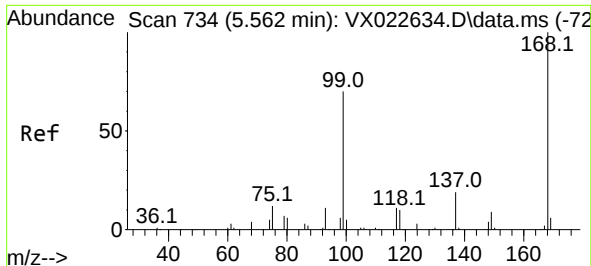
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061621\
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ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :
VX0616MBL01

Quant Time: Jun 17 02:20:25 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

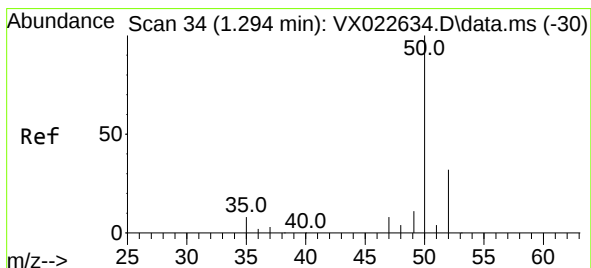
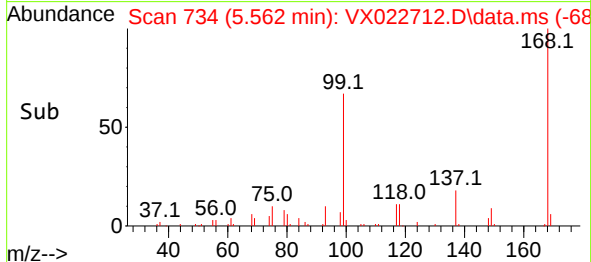
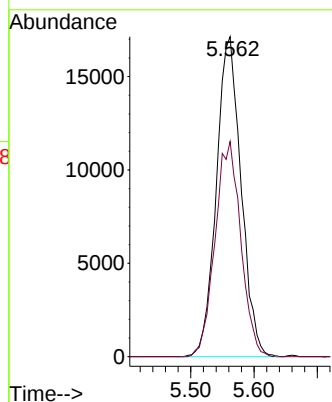
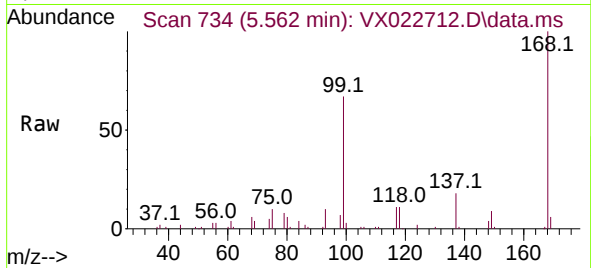




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX022712.D
Acq: 16 Jun 2021 10:38

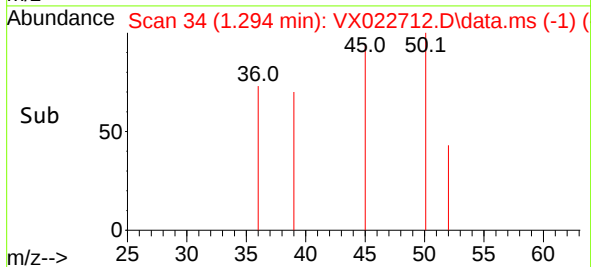
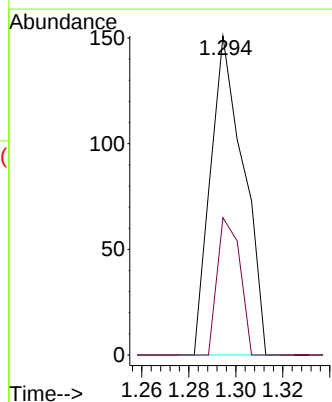
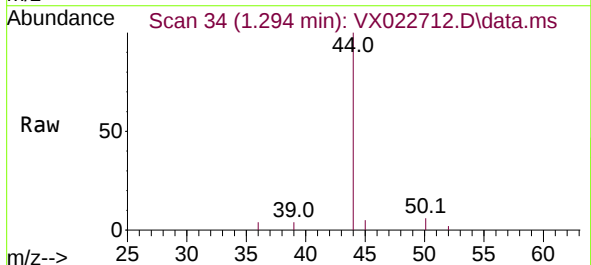
Instrument :
MSVOA_X
ClientSampleId :
VX0616MBL01

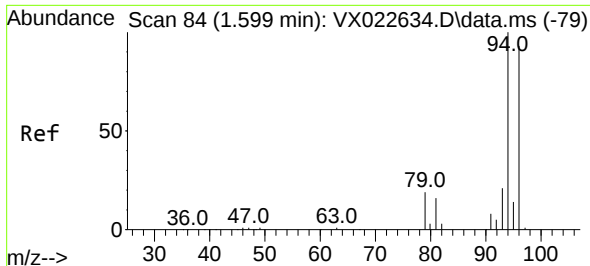
Tgt Ion:168 Resp: 46376
Ion Ratio Lower Upper
168 100
99 67.3 45.8 68.6



#3
Chloromethane
Concen: 0.22 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX022712.D
Acq: 16 Jun 2021 10:38

Tgt Ion: 50 Resp: 147
Ion Ratio Lower Upper
50 100
52 43.0 26.4 39.6#

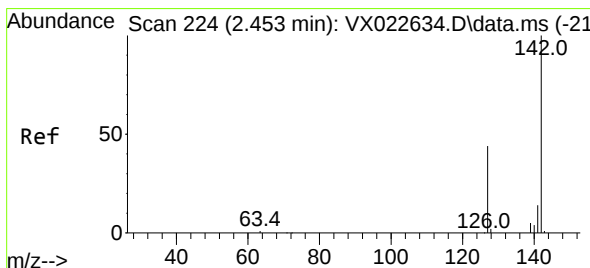
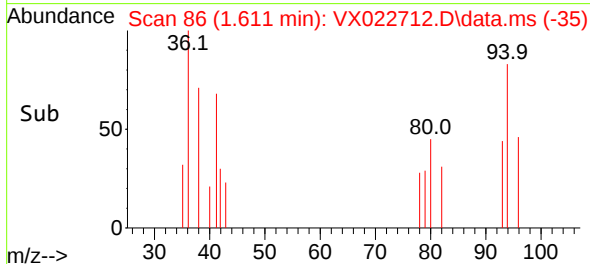
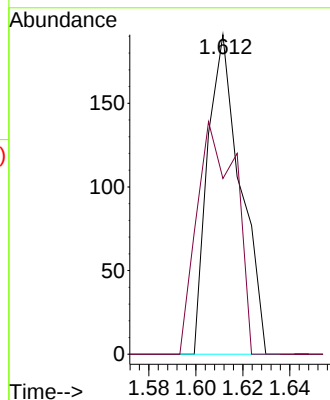
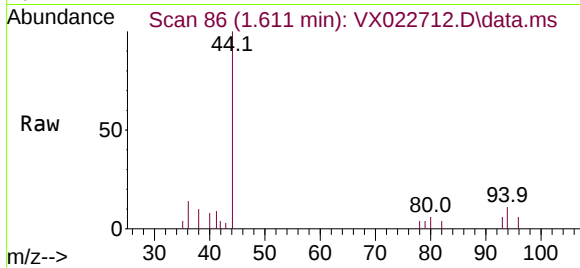




#5
Bromomethane
Concen: 0.53 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX022712.D
Acq: 16 Jun 2021 10:38

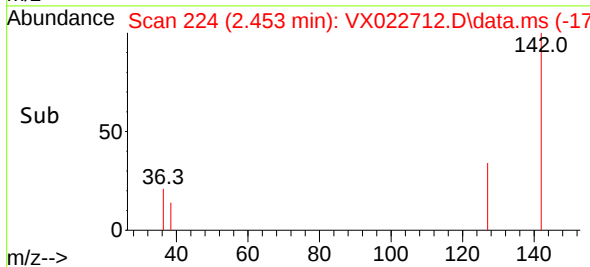
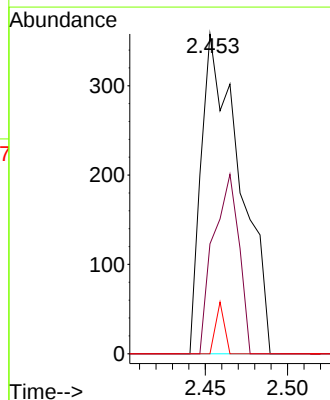
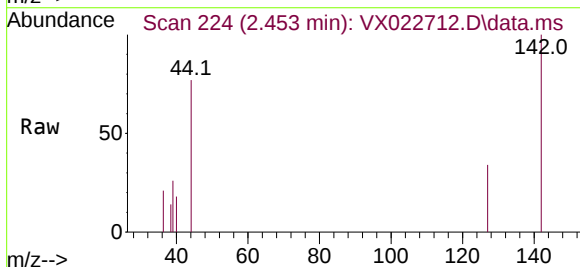
Instrument :
MSVOA_X
ClientSampled :
VX0616MBL01

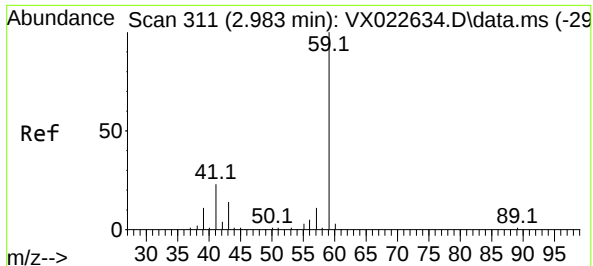
Tgt Ion: 94 Resp: 185
Ion Ratio Lower Upper
94 100
96 55.0 76.4 114.6#



#10
Methyl Iodide
Concen: 0.92 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX022712.D
Acq: 16 Jun 2021 10:38

Tgt Ion: 142 Resp: 583
Ion Ratio Lower Upper
142 100
127 37.2 33.3 49.9
141 3.6 11.4 17.0#



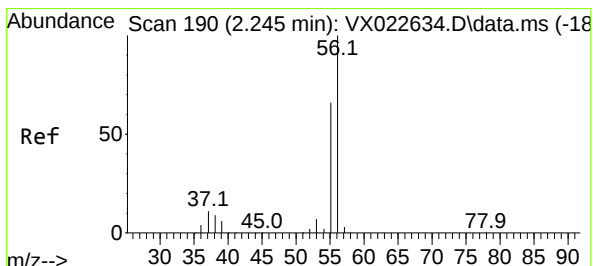
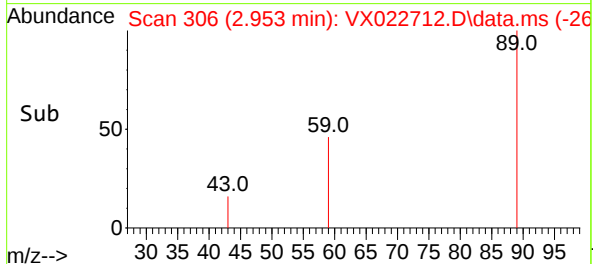
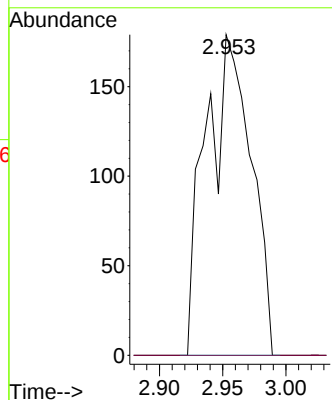
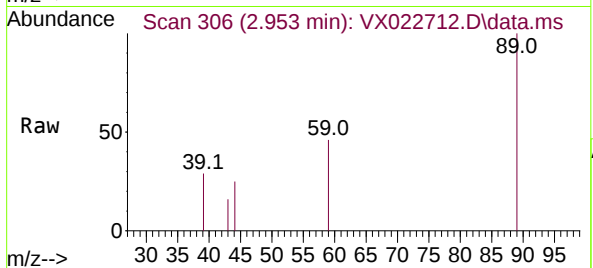


#11

Tert butyl alcohol
 Concen: 2.30 ug/l
 RT: 2.953 min Scan# 306
 Delta R.T. -0.030 min
 Lab File: VX022712.D
 Acq: 16 Jun 2021 10:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0616MBL01

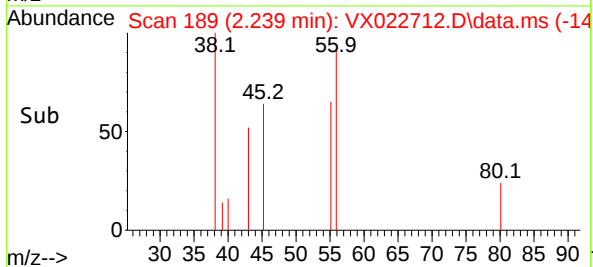
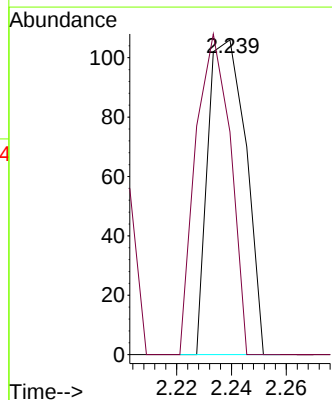
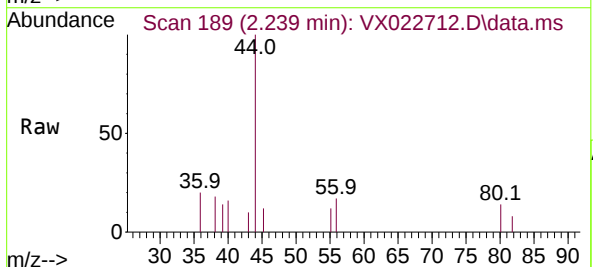
Tgt Ion: 59 Resp: 445
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.8 11.8#

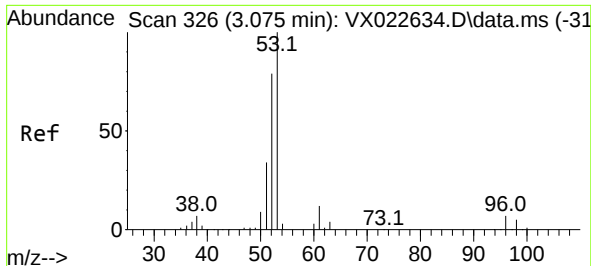


#13

Acrolein
 Concen: 1.26 ug/l
 RT: 2.239 min Scan# 189
 Delta R.T. 0.000 min
 Lab File: VX022712.D
 Acq: 16 Jun 2021 10:38

Tgt Ion: 56 Resp: 102
 Ion Ratio Lower Upper
 56 100
 55 93.1 56.4 84.6#

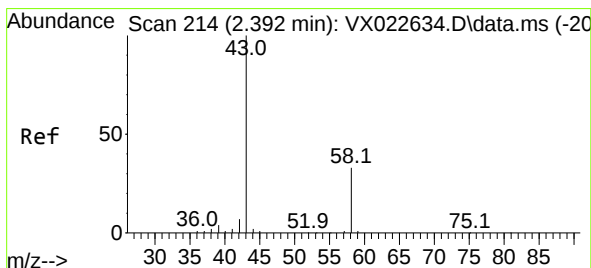
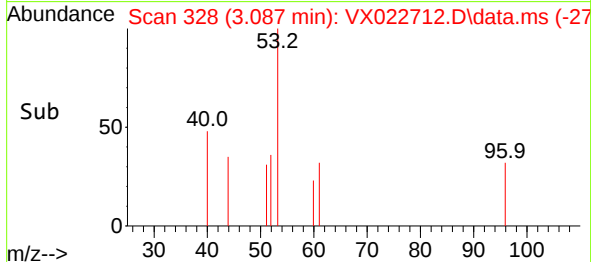
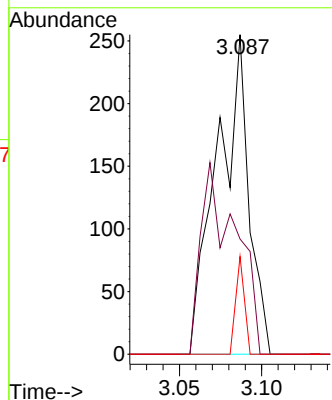
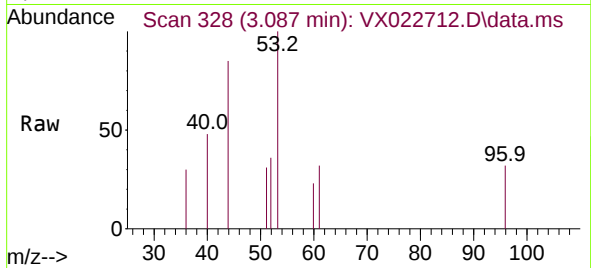




#15
Acrylonitrile
Concen: 0.90 ug/l
RT: 3.087 min Scan# 328
Delta R.T. 0.012 min
Lab File: VX022712.D
Acq: 16 Jun 2021 10:38

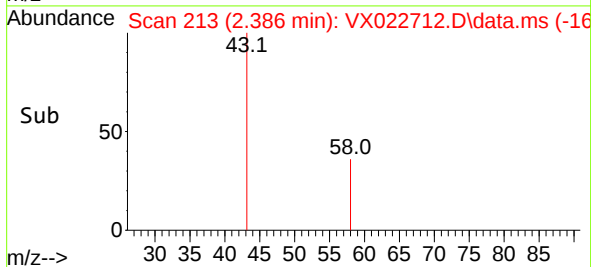
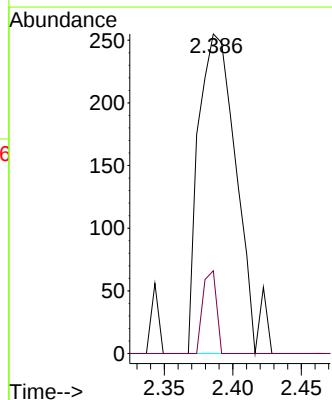
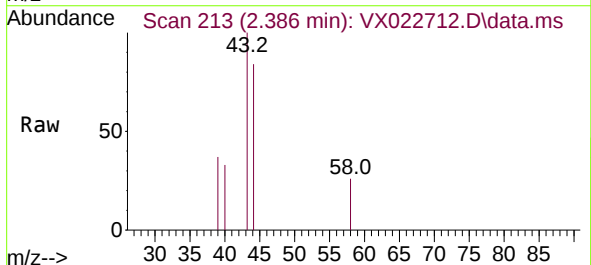
Instrument :
MSVOA_X
ClientSampleId :
VX0616MBL01

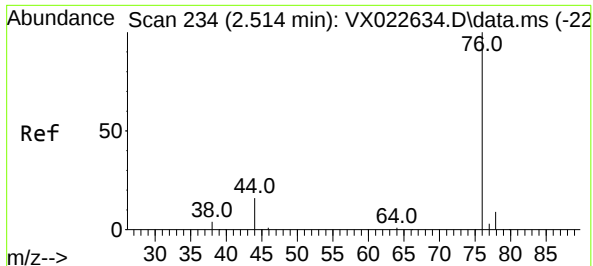
Tgt Ion: 53	Resp:	341
Ion Ratio	Lower	Upper
53	100	
52	66.3	65.3 97.9
51	8.5	28.2 42.2#



#16
Acetone
Concen: 1.33 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022712.D
Acq: 16 Jun 2021 10:38

Tgt Ion: 43	Resp:	495
Ion Ratio	Lower	Upper
43	100	
58	25.9	27.8 41.8#

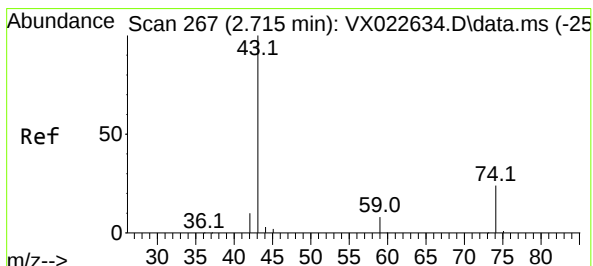
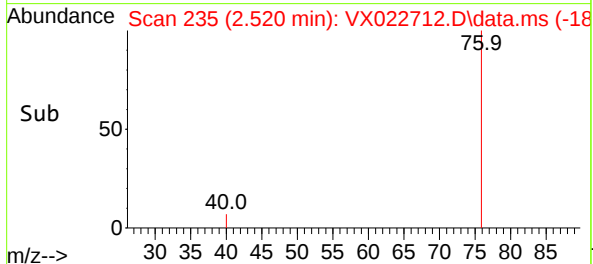
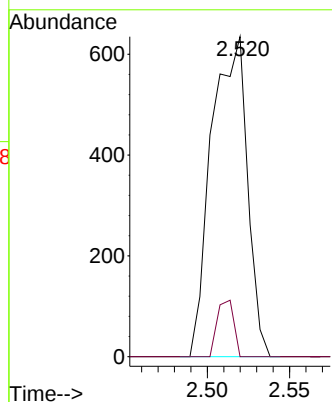
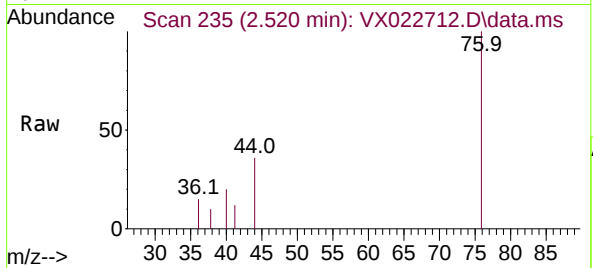




#17
Carbon Disulfide
Concen: 0.76 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX022712.D
Acq: 16 Jun 2021 10:38

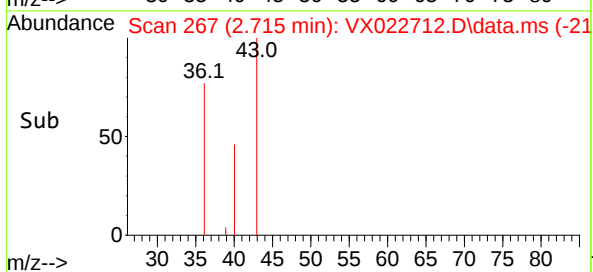
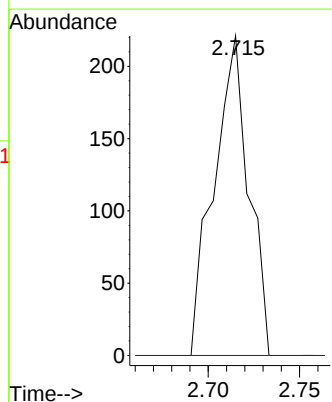
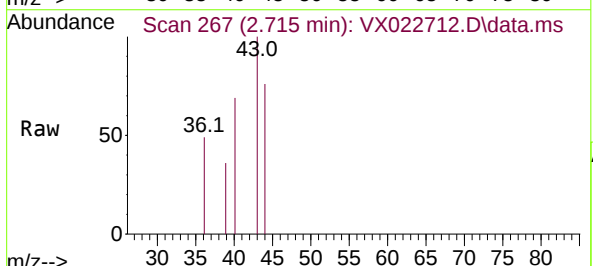
Instrument :
MSVOA_X
ClientSampleId :
VX0616MBL01

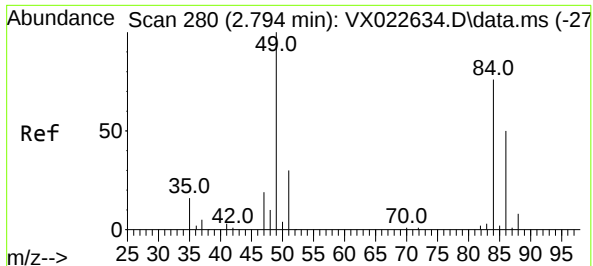
Tgt Ion: 76 Resp: 961
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 0.26 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX022712.D
Acq: 16 Jun 2021 10:38

Tgt Ion: 43 Resp: 293
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



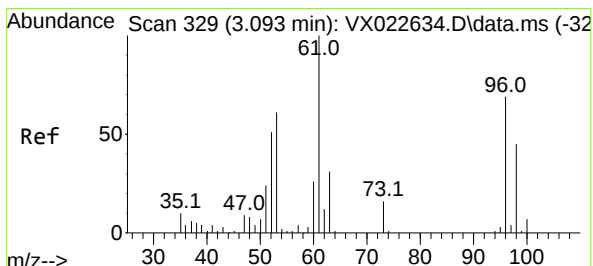
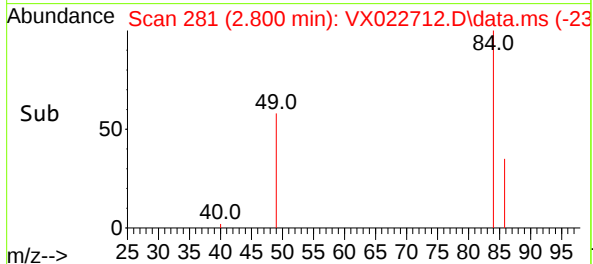
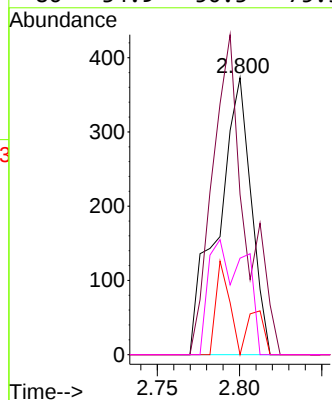
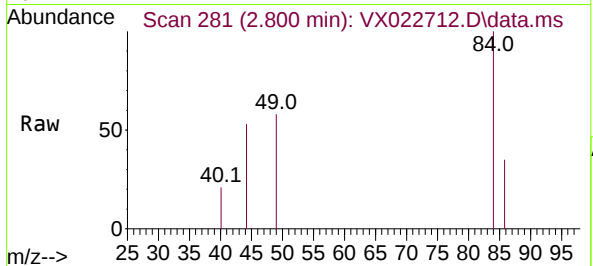


#20
Methylene Chloride
Concen: 0.45 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX022712.D
Acq: 16 Jun 2021 10:38

Instrument :
MSVOA_X
ClientSampleId :
VX0616MBL01

Tgt Ion: 84 Resp: 522

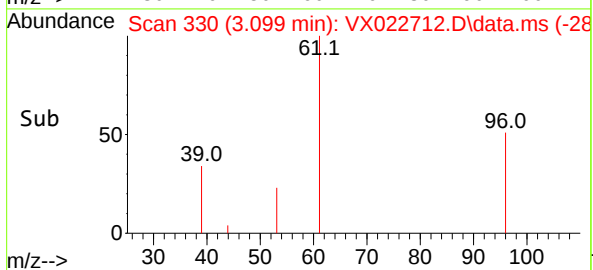
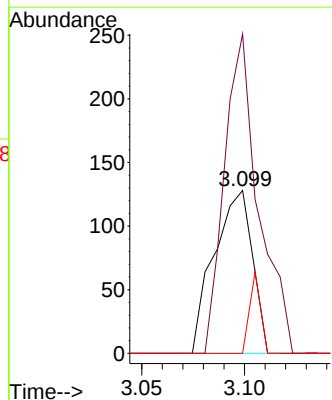
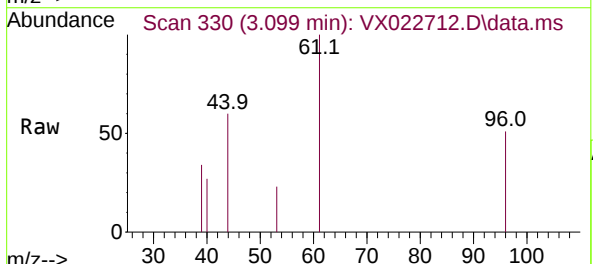
Ion	Ratio	Lower	Upper
84	100		
49	57.9	88.6	132.8#
51	0.0	27.0	40.6#
86	34.9	50.3	75.5#

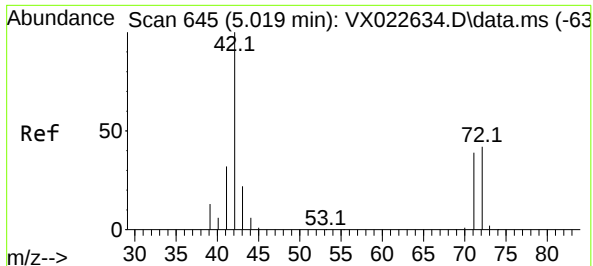


#21
trans-1,2-Dichloroethene
Concen: 0.27 ug/l
RT: 3.099 min Scan# 330
Delta R.T. 0.006 min
Lab File: VX022712.D
Acq: 16 Jun 2021 10:38

Tgt Ion: 96 Resp: 166

Ion	Ratio	Lower	Upper
96	100		
61	196.1	107.7	161.5#
98	0.0	50.4	75.6#





#29

Tetrahydrofuran

Concen: 0.31 ug/l

RT: 5.038 min Scan# 648

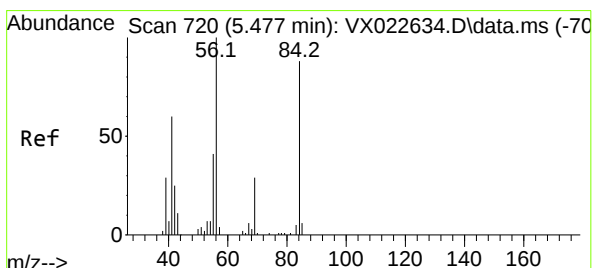
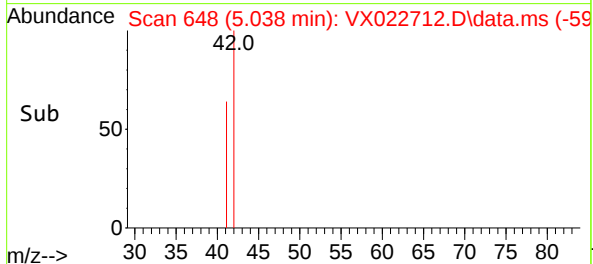
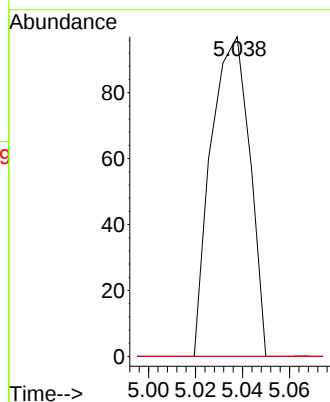
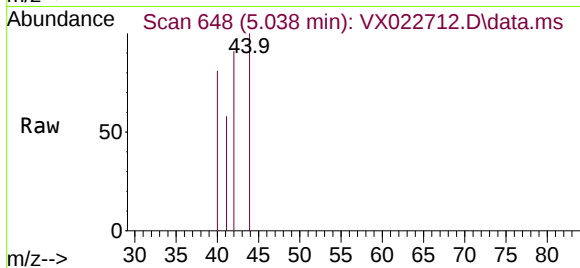
Delta R.T. 0.025 min

Lab File: VX022712.D

Acq: 16 Jun 2021 10:38

Tgt Ion: 42	Resp: 111
Ion Ratio	Lower Upper
42	100
72	0.0 41.7 62.5#
71	0.0 38.4 57.6#

Instrument :
MSVOA_X
ClientSampleId :
VX0616MBL01



#31

Cyclohexane

Concen: 1.47 ug/l

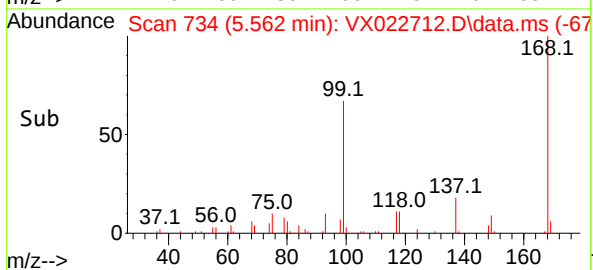
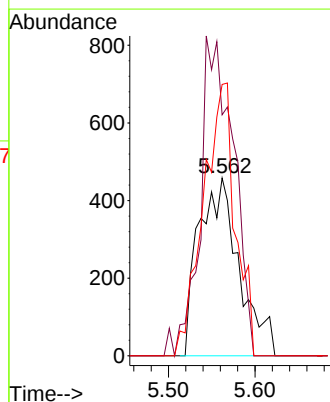
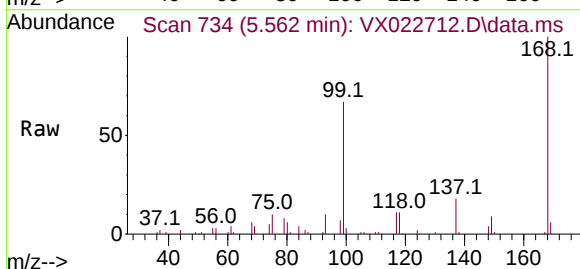
RT: 5.562 min Scan# 734

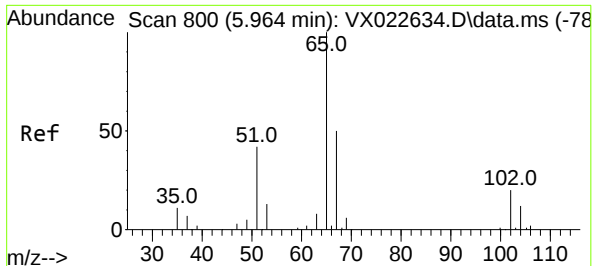
Delta R.T. 0.085 min

Lab File: VX022712.D

Acq: 16 Jun 2021 10:38

Tgt Ion: 56	Resp: 1483
Ion Ratio	Lower Upper
56	100
69	135.6 25.3 37.9#
84	152.6 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 53.15 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX022712.D

Acq: 16 Jun 2021 10:38

Tgt Ion: 65 Resp: 44332

Ion Ratio Lower Upper

65 100

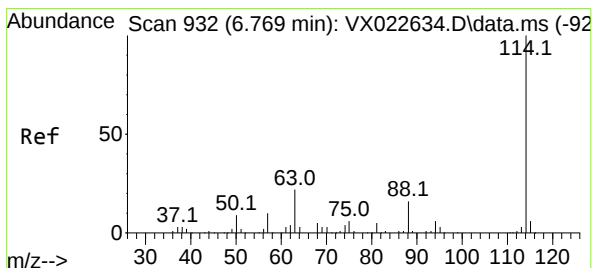
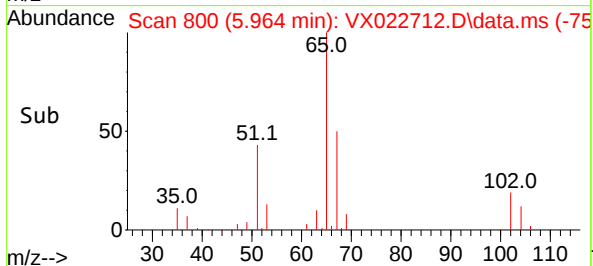
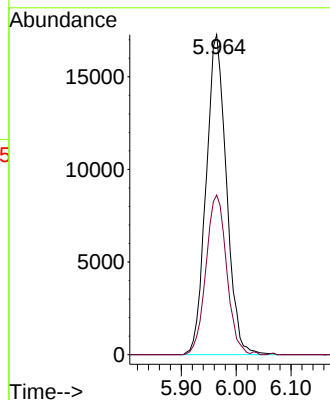
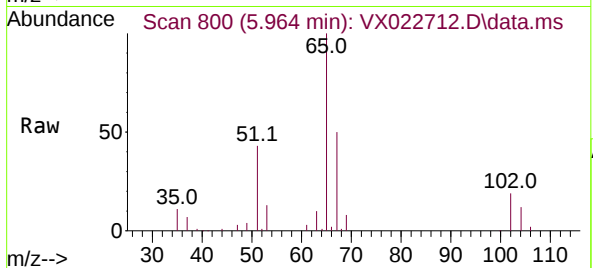
67 50.8 0.0 105.4

Instrument :

MSVOA_X

ClientSampleId :

VX0616MBL01



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX022712.D

Acq: 16 Jun 2021 10:38

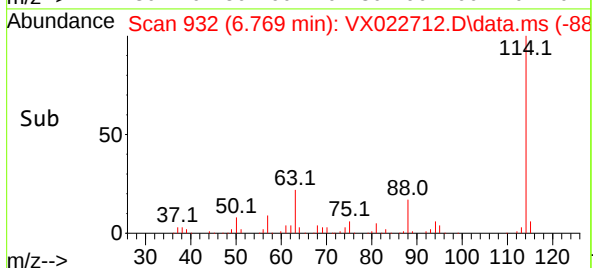
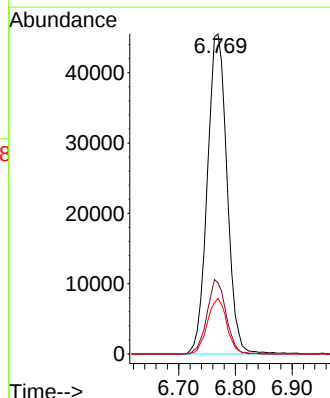
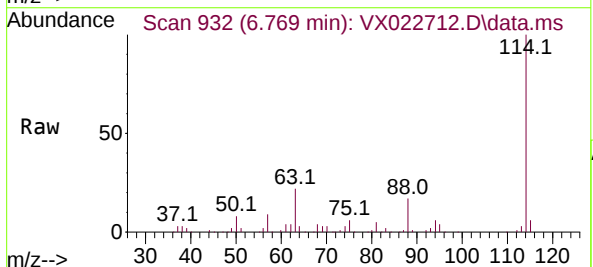
Tgt Ion: 114 Resp: 109578

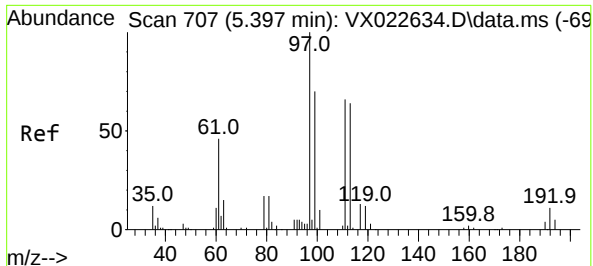
Ion Ratio Lower Upper

114 100

63 22.3 0.0 40.8

88 17.3 0.0 32.8

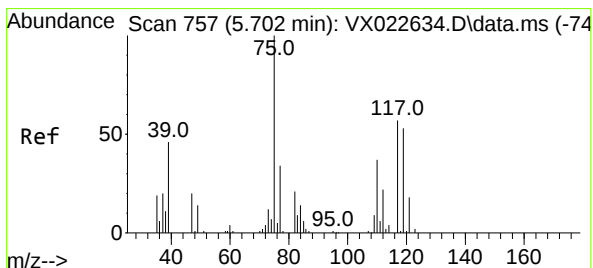
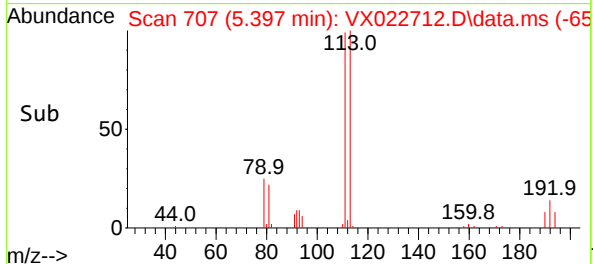
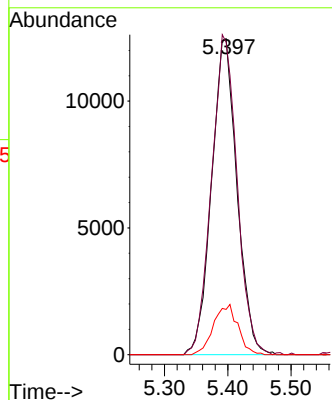
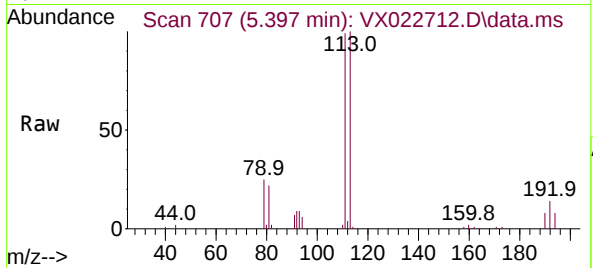




#35
Dibromofluoromethane
Concen: 49.76 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022712.D
Acq: 16 Jun 2021 10:38

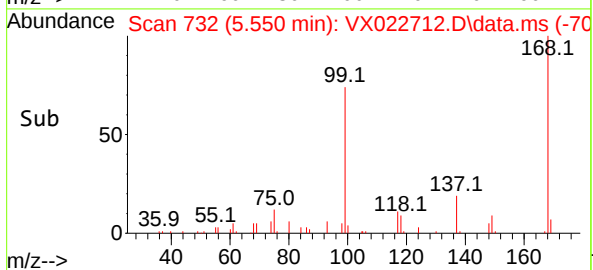
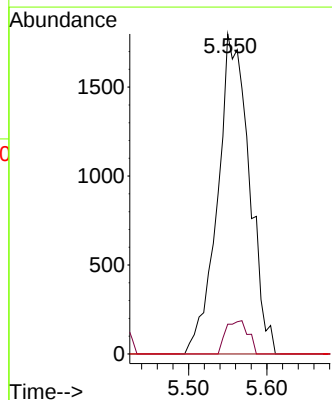
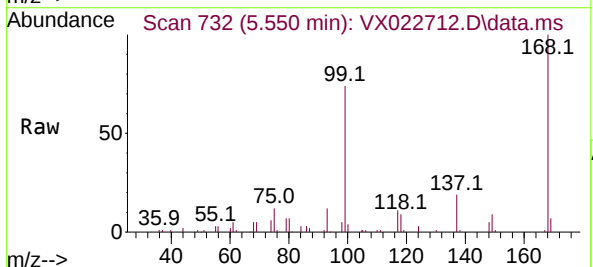
Instrument :
MSVOA_X
ClientSampleId :
VX0616MBL01

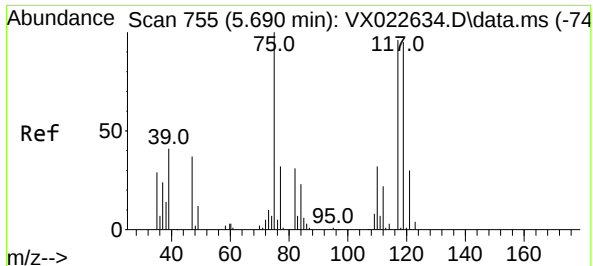
Tgt Ion:113 Resp: 34788
Ion Ratio Lower Upper
113 100
111 101.7 81.9 122.9
192 15.3 16.7 25.1#



#36
1,1-Dichloropropene
Concen: 4.63 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.152 min
Lab File: VX022712.D
Acq: 16 Jun 2021 10:38

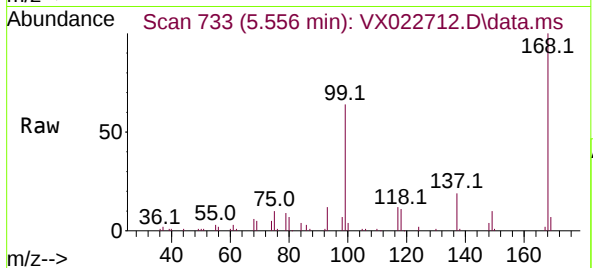
Tgt Ion: 75 Resp: 5057
Ion Ratio Lower Upper
75 100
110 7.3 18.1 54.4#
77 0.0 25.3 37.9#



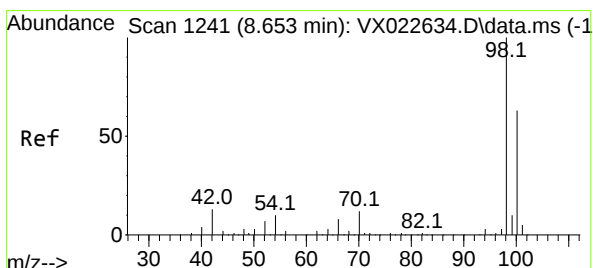
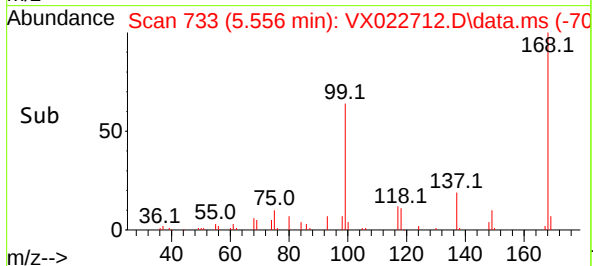
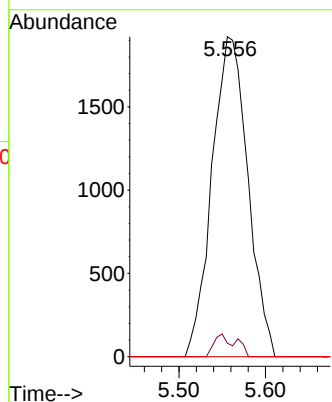


#38
Carbon Tetrachloride
Concen: 5.92 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX022712.D
Acq: 16 Jun 2021 10:38

Instrument :
MSVOA_X
ClientSampleId :
VX0616MBL01

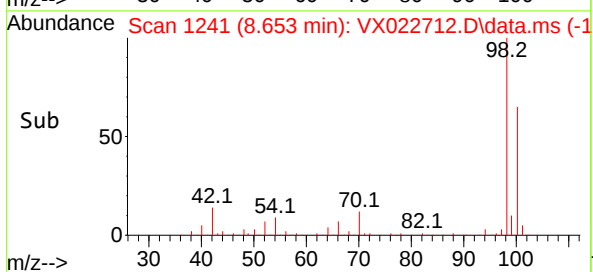
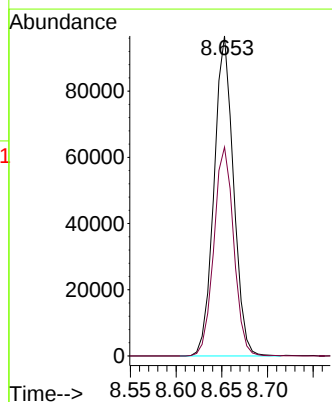
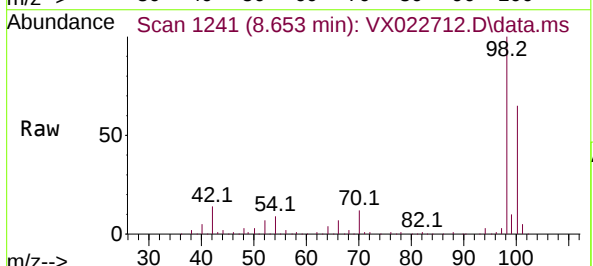


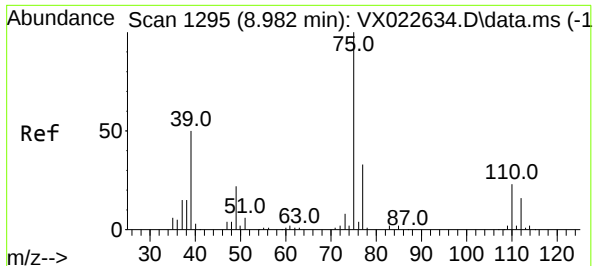
Tgt Ion:117 Resp: 5526
Ion Ratio Lower Upper
117 100
119 4.2 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.90 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022712.D
Acq: 16 Jun 2021 10:38

Tgt Ion: 98 Resp: 143040
Ion Ratio Lower Upper
98 100
100 66.5 51.9 77.9

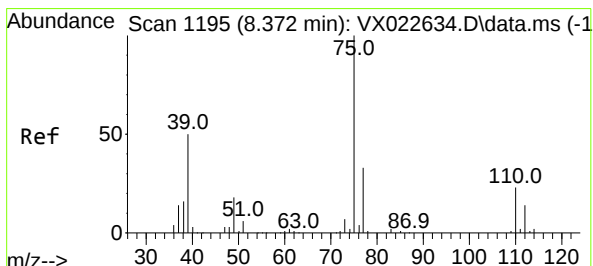
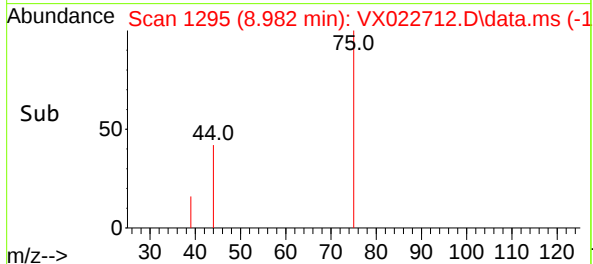
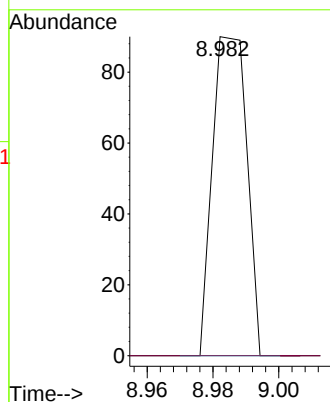
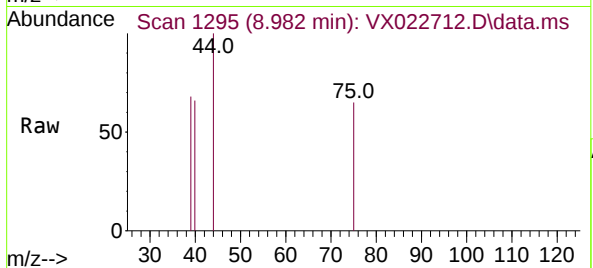




#53
t-1,3-Dichloropropene
Concen: 3.30 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX022712.D
Acq: 16 Jun 2021 10:38

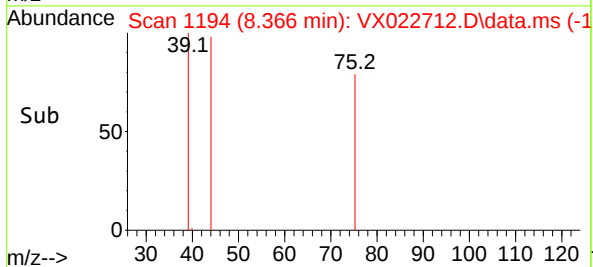
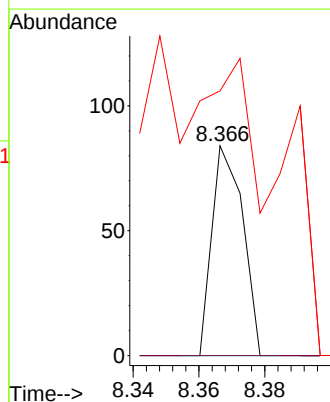
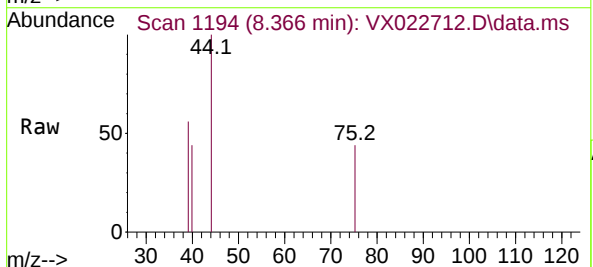
Instrument :
MSVOA_X
ClientSampleId :
VX0616MBL01

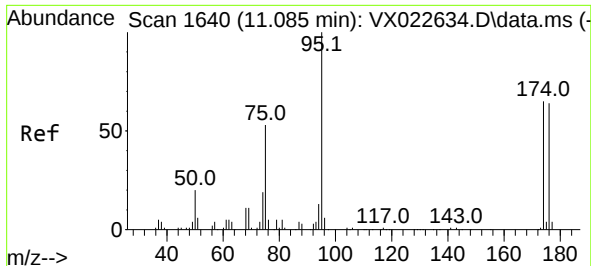
Tgt Ion: 75 Resp: 65
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#



#54
cis-1,3-Dichloropropene
Concen: 2.53 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.006 min
Lab File: VX022712.D
Acq: 16 Jun 2021 10:38

Tgt Ion: 75 Resp: 55
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#
39 39.3 35.1 52.7

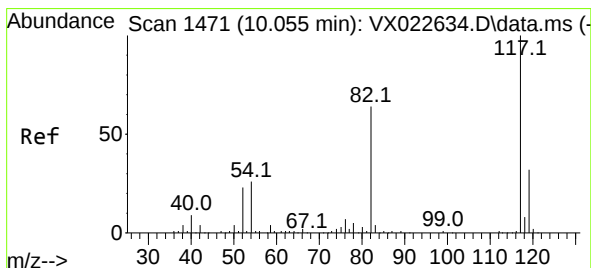
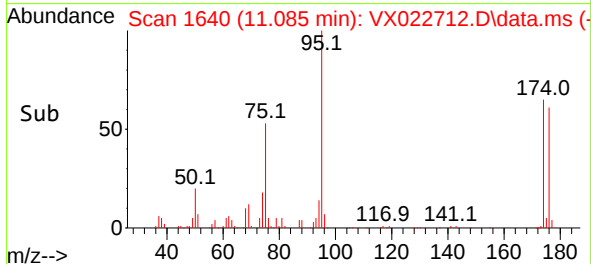
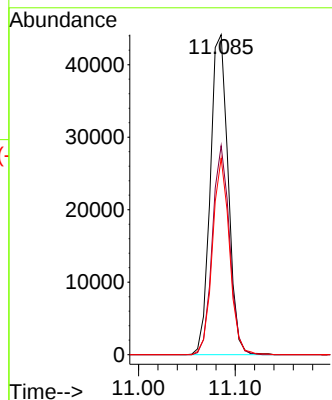
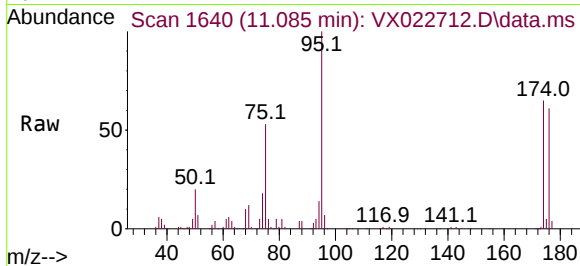




#62
4-Bromofluorobenzene
Concen: 54.35 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022712.D
Acq: 16 Jun 2021 10:38

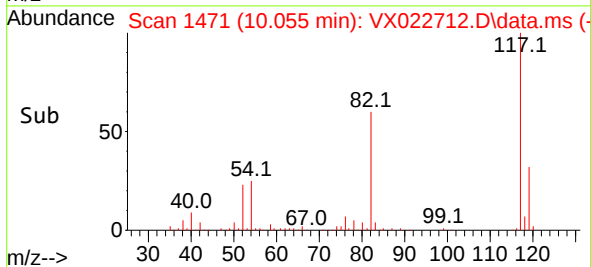
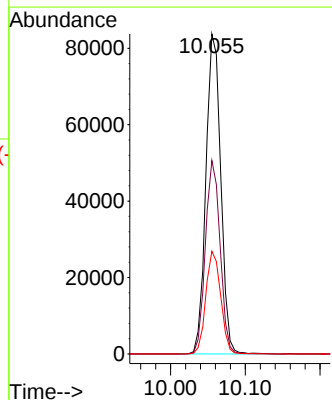
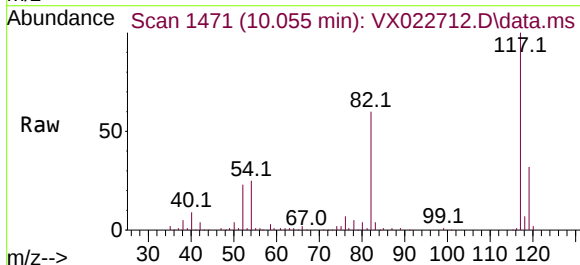
Instrument :
MSVOA_X
ClientSampleId :
VX0616MBL01

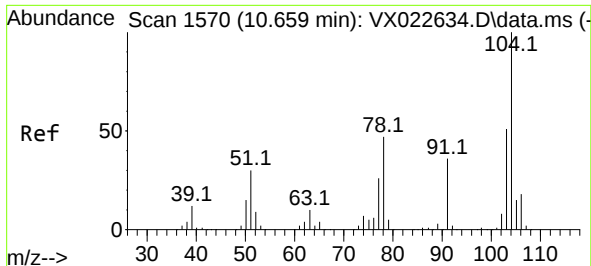
Tgt Ion: 95 Resp: 56649
Ion Ratio Lower Upper
95 100
174 62.7 0.0 154.6
176 58.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022712.D
Acq: 16 Jun 2021 10:38

Tgt Ion: 117 Resp: 115416
Ion Ratio Lower Upper
117 100
82 60.5 47.4 71.2
119 32.1 26.6 39.8

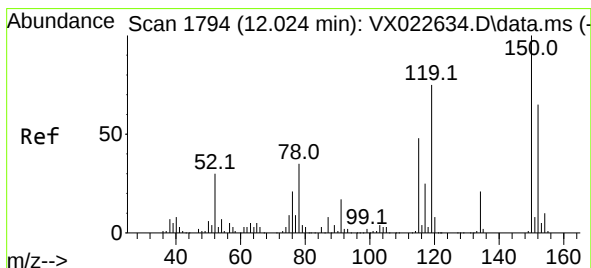
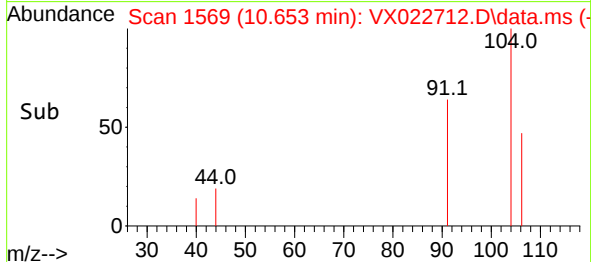
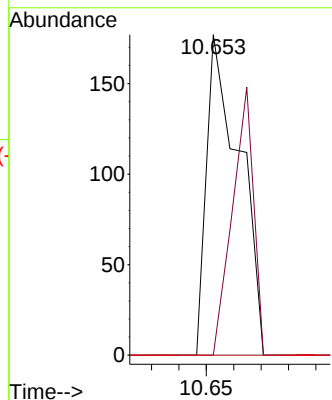
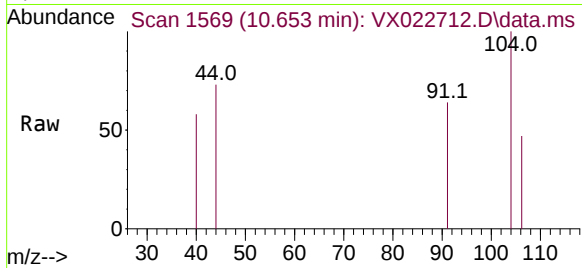




#70
Styrene
Concen: 1.50 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX022712.D
Acq: 16 Jun 2021 10:38

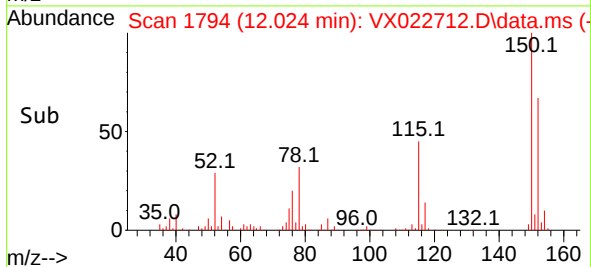
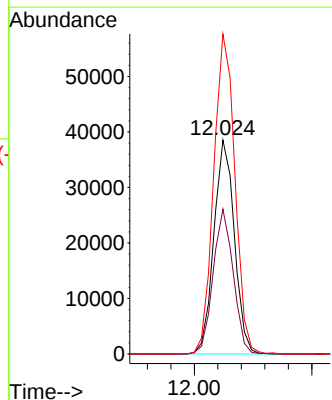
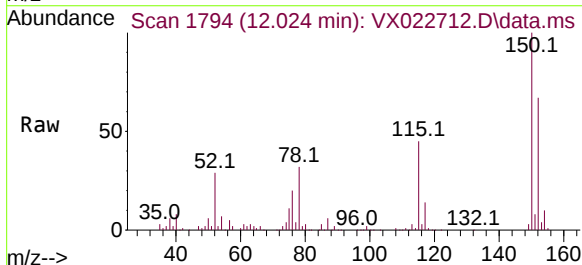
Instrument :
MSVOA_X
ClientSampleId :
VX0616MBL01

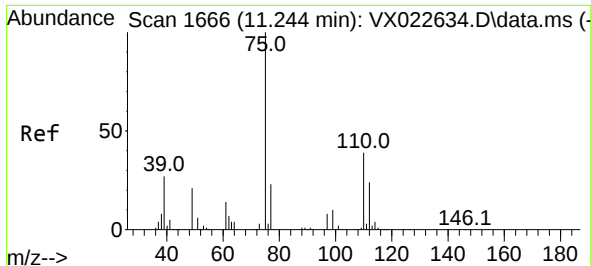
Tgt Ion:104 Resp: 147
Ion Ratio Lower Upper
104 100
78 53.7 40.0 60.0
103 0.0 43.4 65.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022712.D
Acq: 16 Jun 2021 10:38

Tgt Ion:152 Resp: 46621
Ion Ratio Lower Upper
152 100
115 66.3 41.1 123.3
150 154.7 0.0 349.0

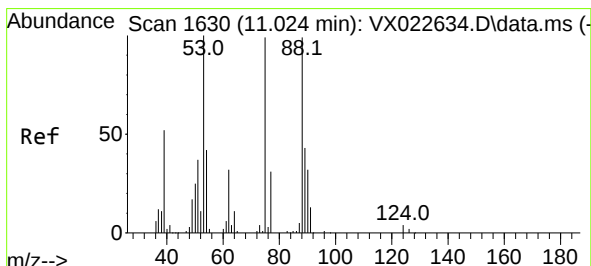
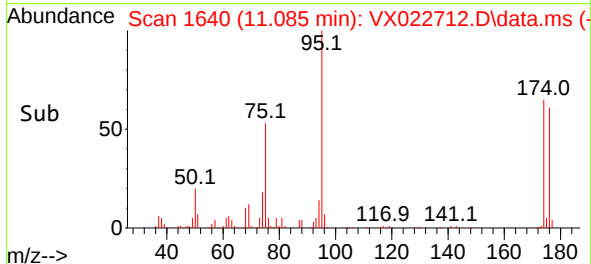
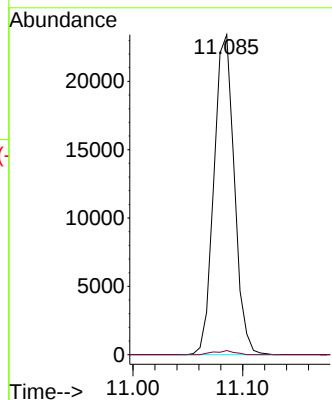
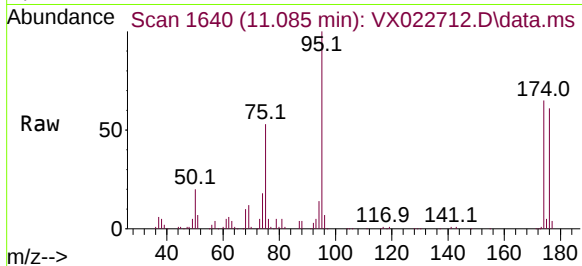




#76
1,2,3-Trichloropropane
Concen: 24.45 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022712.D
Acq: 16 Jun 2021 10:38

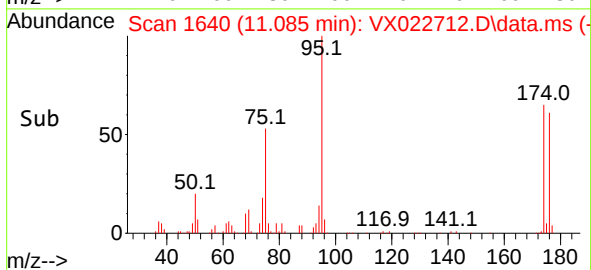
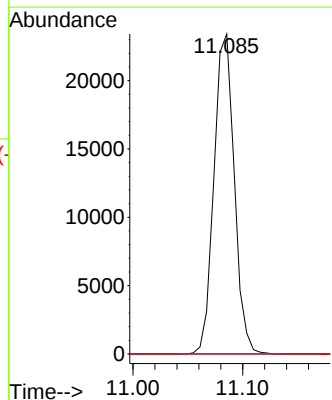
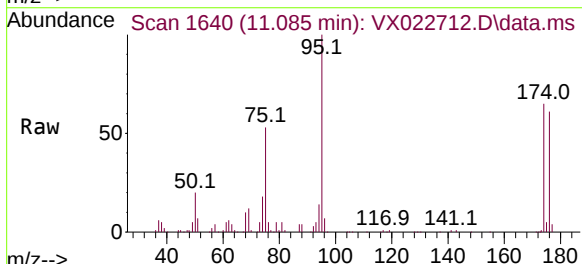
Instrument :
MSVOA_X
ClientSampleId :
VX0616MBL01

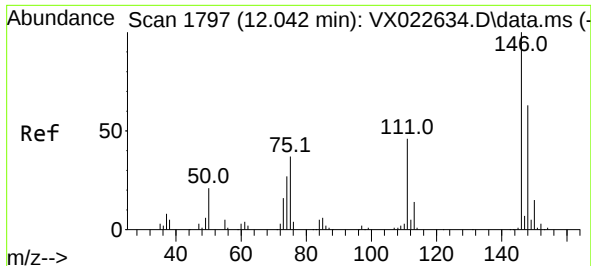
Tgt Ion: 75 Resp: 30218
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.69 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022712.D
Acq: 16 Jun 2021 10:38

Tgt Ion: 75 Resp: 30218
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

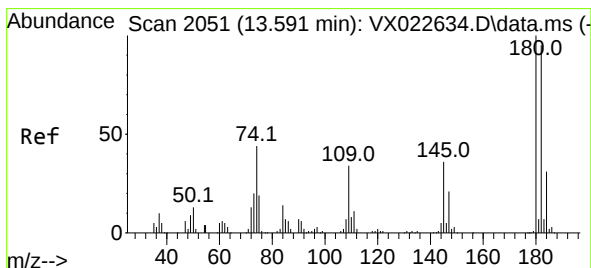
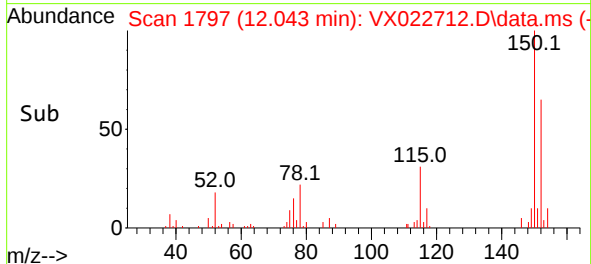
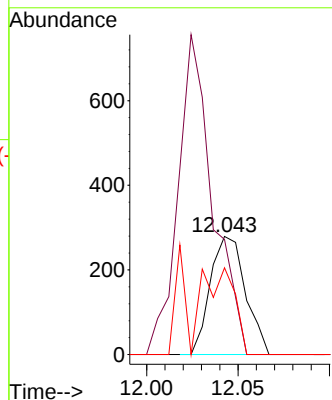
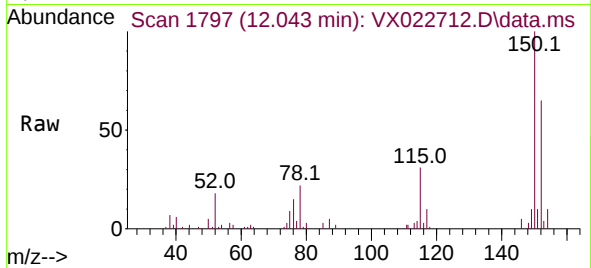




#88
1,4-Dichlorobenzene
Concen: 0.23 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX022712.D
Acq: 16 Jun 2021 10:38

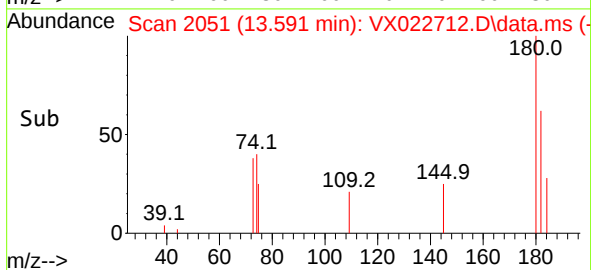
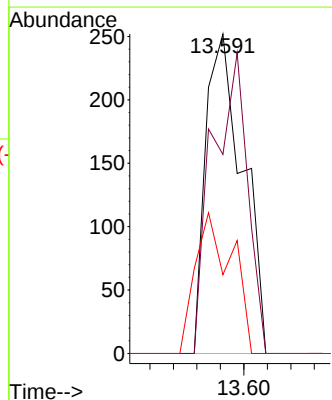
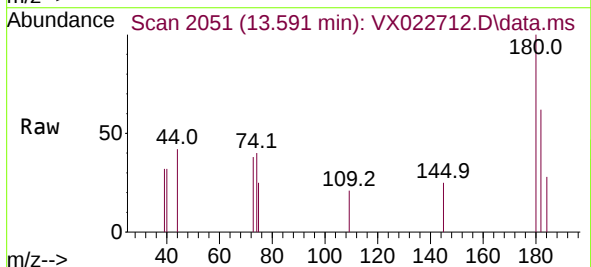
Instrument :
MSVOA_X
ClientSampleId :
VX0616MBL01

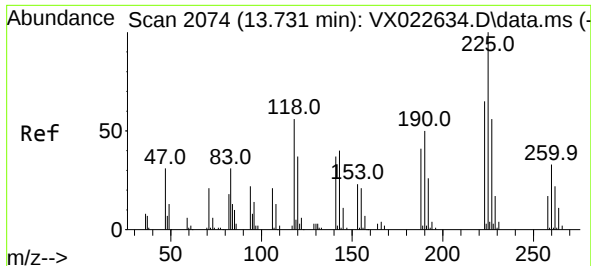
Tgt Ion:146 Resp: 374
Ion Ratio Lower Upper
146 100
111 0.0 19.6 58.8#
148 67.1 31.6 95.0



#93
1,2,4-Trichlorobenzene
Concen: 0.30 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX022712.D
Acq: 16 Jun 2021 10:38

Tgt Ion:180 Resp: 274
Ion Ratio Lower Upper
180 100
182 89.4 47.7 143.1
145 43.8 15.0 45.0

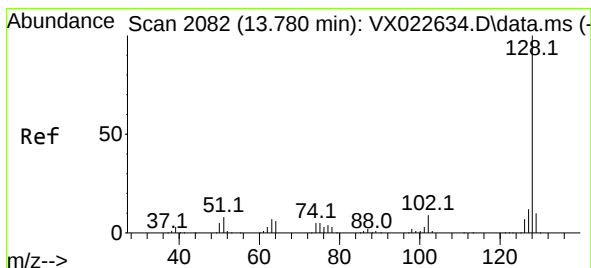
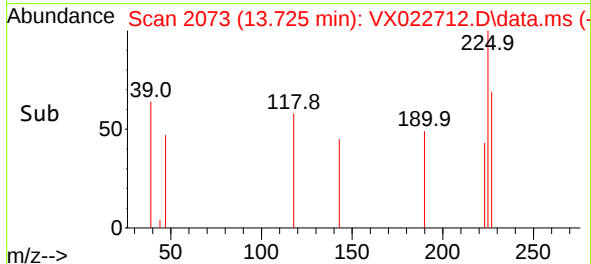
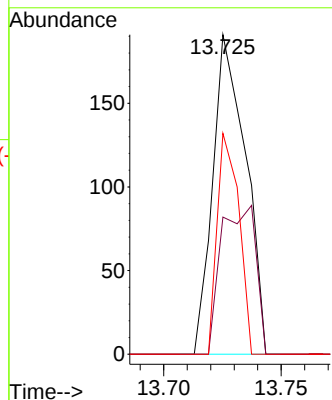
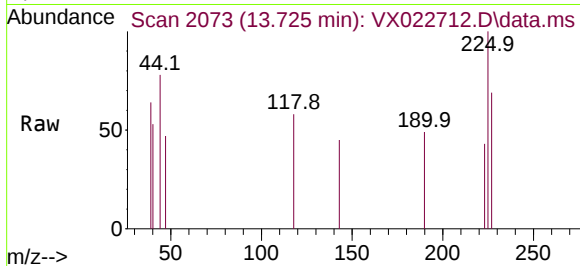




#94
Hexachlorobutadiene
Concen: 0.57 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.006 min
Lab File: VX022712.D
Acq: 16 Jun 2021 10:38

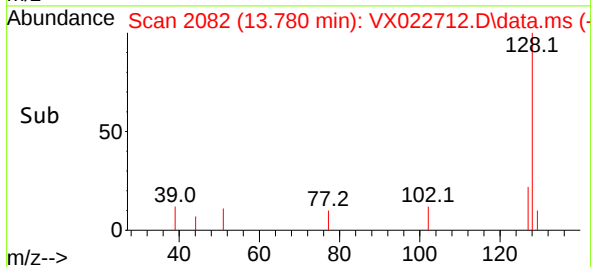
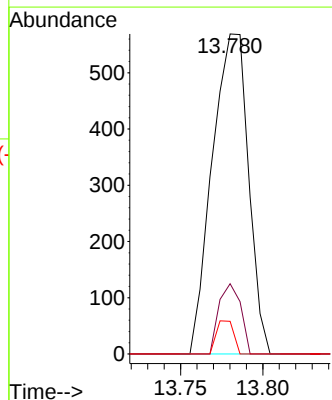
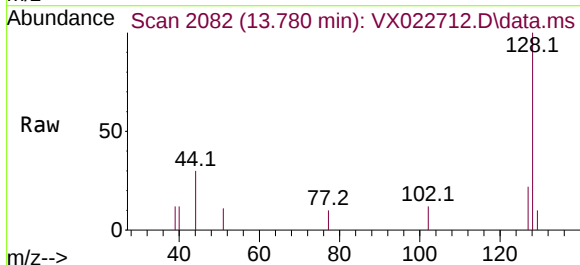
Instrument :
MSVOA_X
ClientSampleId :
VX0616MBL01

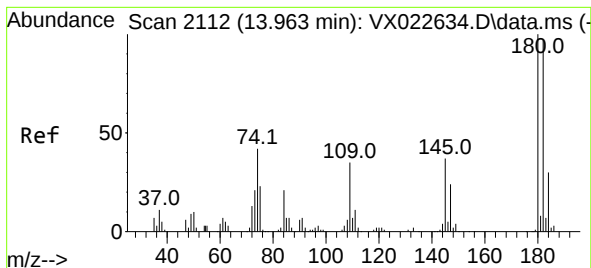
Tgt Ion:225 Resp: 185
Ion Ratio Lower Upper
225 100
223 49.2 31.1 93.2
227 45.9 31.6 95.0



#95
Naphthalene
Concen: 1.69 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX022712.D
Acq: 16 Jun 2021 10:38

Tgt Ion:128 Resp: 872
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 4.9 8.8 13.2#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.21 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. -0.000 min
 Lab File: VX022712.D
 Acq: 16 Jun 2021 10:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0616MBL01

Tgt Ion:180 Resp: 186
 Ion Ratio Lower Upper
 180 100
 182 139.8 47.6 142.9
 145 40.9 16.1 48.3

