

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032621\
 Data File : VX021551.D
 Acq On : 27 Mar 2021 00:22
 Operator : JC/MD
 Sample : M1735-07DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 27 04:34:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 24 12:25:26 2021
 Response via : Initial Calibration

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

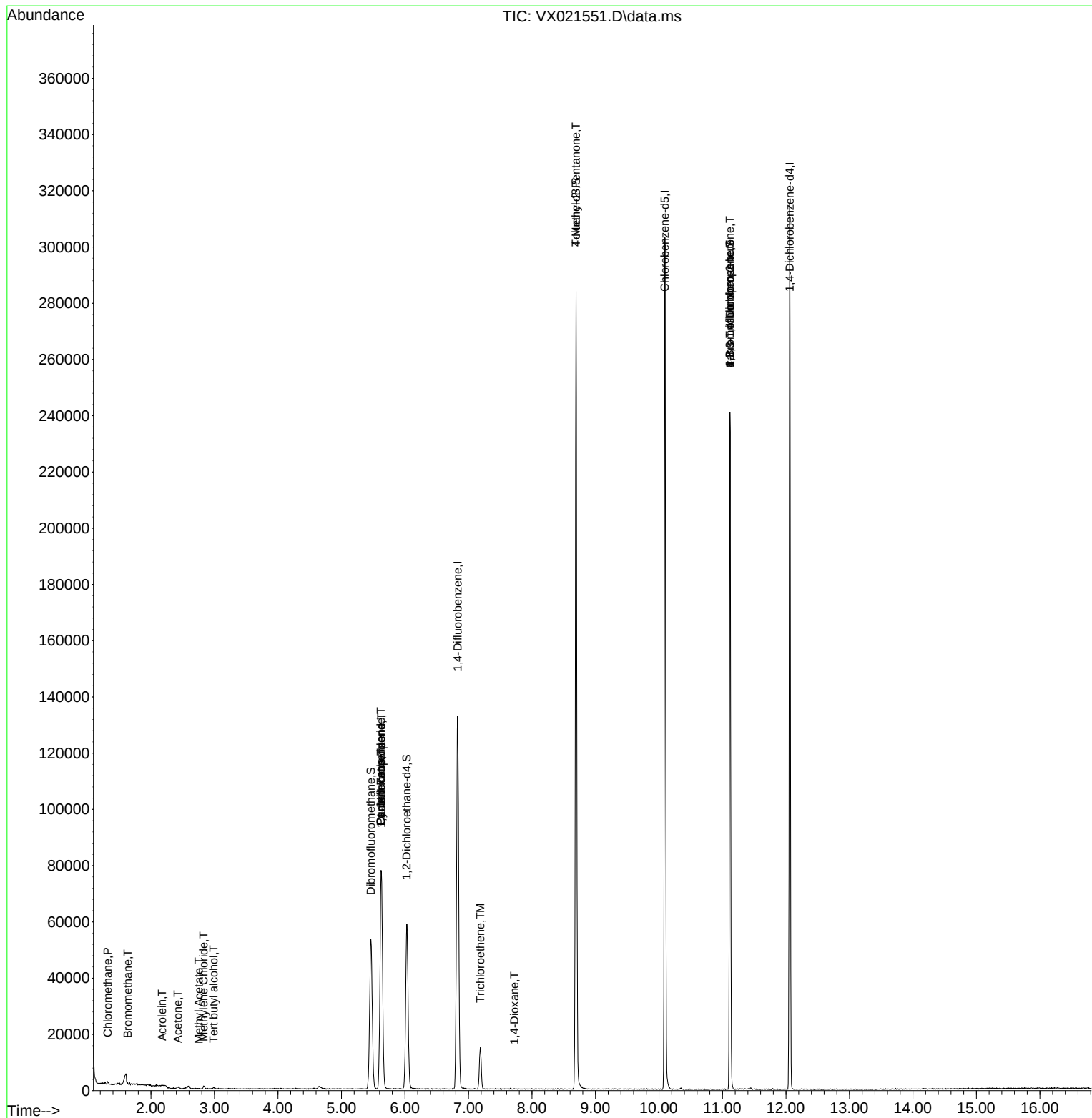
Internal Standards						
1) Pentafluorobenzene	5.623	168	67732	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	124352	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	127625	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	56448	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	58545	51.95	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.90%			
35) Dibromofluoromethane	5.464	113	44180	50.02	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.04%			
50) Toluene-d8	8.694	98	158271	50.28	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.56%			
62) 4-Bromofluorobenzene	11.117	95	64457	52.67	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.34%			
Target Compounds					Qvalue	
3) Chloromethane	1.316	50	1631	1.95	ug/l	96
5) Bromomethane	1.634	94	86	0.28	ug/l #	2
11) Tert butyl alcohol	2.987	59	280	1.50	ug/l #	73
13) Acrolein	2.175	56	22	4.53	ug/l #	1
16) Acetone	2.422	43	601	1.41	ug/l	89
18) Methyl Acetate	2.752	43	272	0.22	ug/l #	47
20) Methylene Chloride	2.828	84	432	0.52	ug/l #	91
31) Cyclohexane	5.623	56	1978	1.60	ug/l #	47
36) 1,1-Dichloropropene	5.628	75	6215	5.10	ug/l #	50
38) Carbon Tetrachloride	5.623	117	7220	5.51	ug/l #	15
44) Trichloroethene	7.188	130	5133	5.62	ug/l	93
49) 1,4-Dioxane	7.723	88	94	4.30	ug/l #	44
51) 4-Methyl-2-Pentanone	8.694	43	908	0.65	ug/l #	1
76) 1,2,3-Trichloropropane	11.117	75	35797	27.24	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.117	75	35797	82.97	ug/l #	12

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

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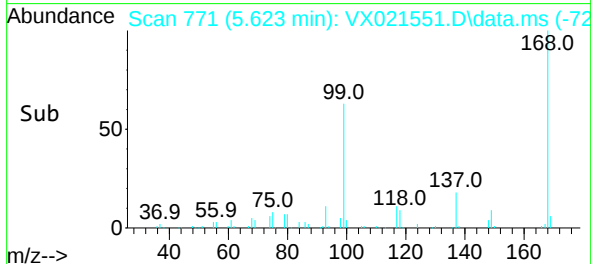
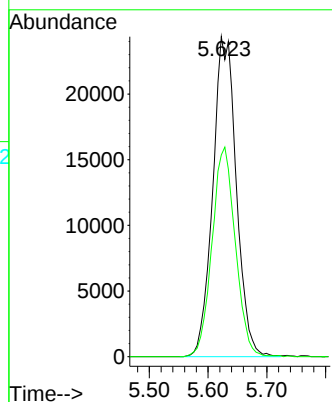
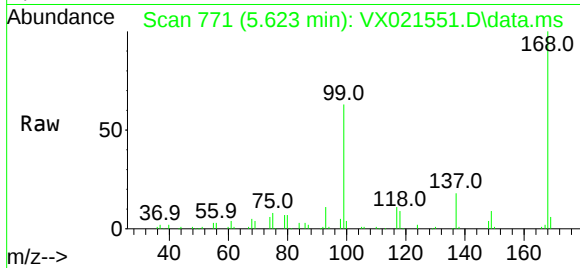




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.006 min
Lab File: VX021551.D
Acq: 27 Mar 2021 00:22

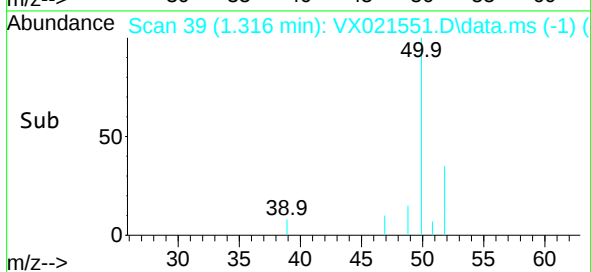
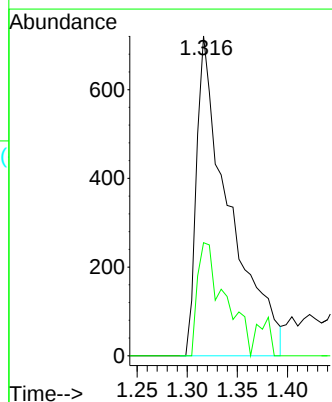
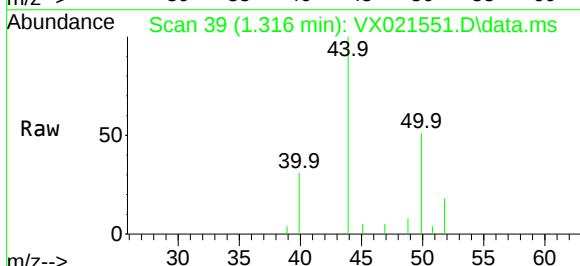
Instrument :
MSVOA_X
ClientSampleId :

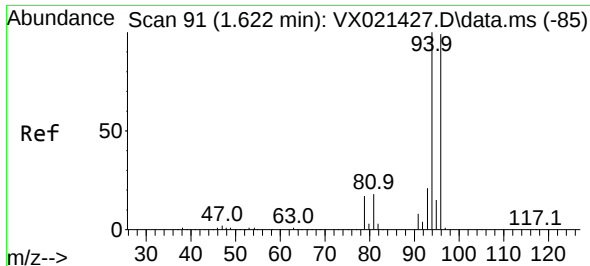
Tgt Ion:168 Resp: 67732
Ion Ratio Lower Upper
168 100
99 63.0 45.8 68.6



#3
Chloromethane
Concen: 1.95 ug/l
RT: 1.316 min Scan# 39
Delta R.T. 0.005 min
Lab File: VX021551.D
Acq: 27 Mar 2021 00:22

Tgt Ion: 50 Resp: 1631
Ion Ratio Lower Upper
50 100
52 35.4 26.4 39.6

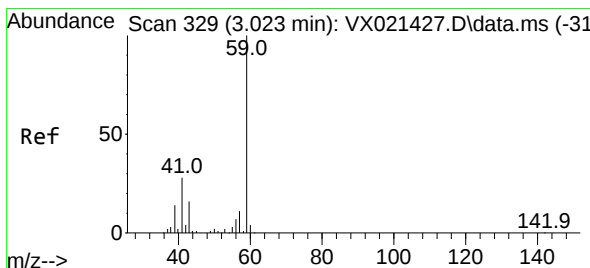
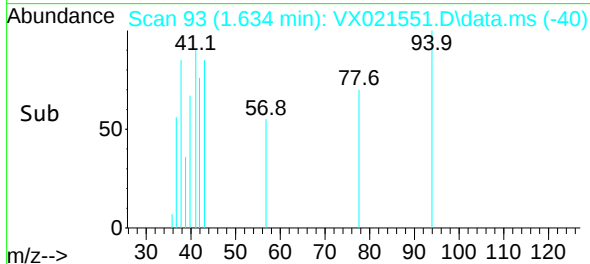
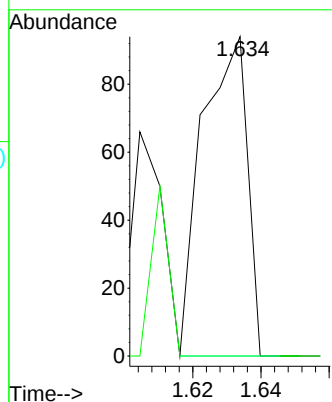
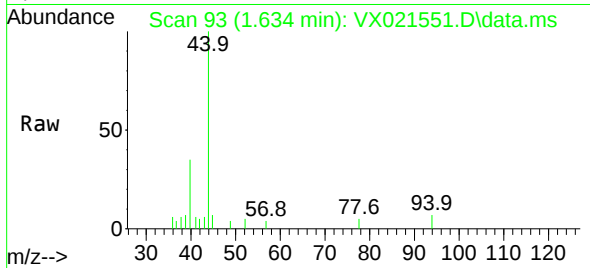




#5
Bromomethane
Concen: 0.28 ug/l
RT: 1.634 min Scan# 93
Delta R.T. 0.012 min
Lab File: VX021551.D
Acq: 27 Mar 2021 00:22

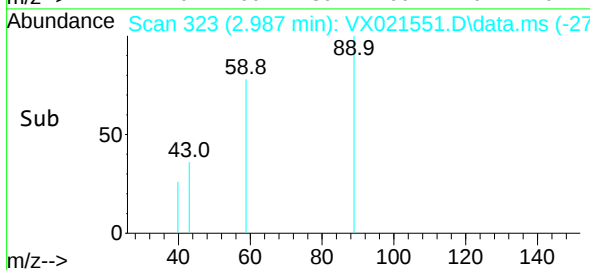
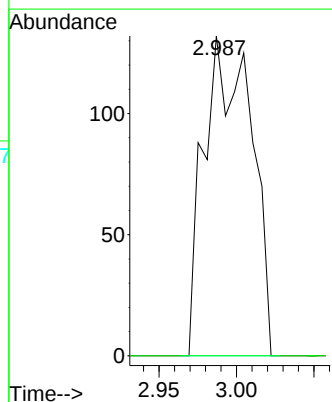
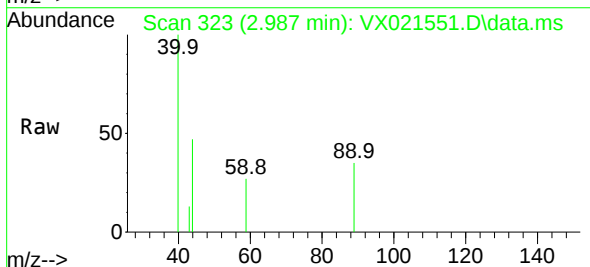
Instrument :
MSVOA_X
ClientSampleId :

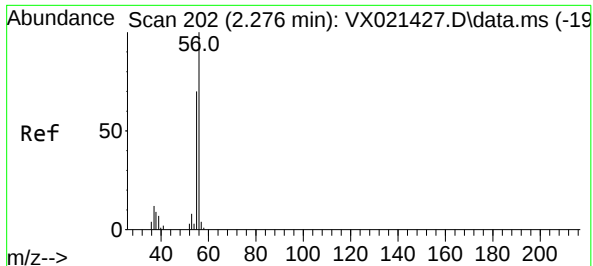
Tgt Ion: 94 Resp: 86
Ion Ratio Lower Upper
94 100
96 0.0 76.4 114.6#



#11
Tert butyl alcohol
Concen: 1.50 ug/l
RT: 2.987 min Scan# 323
Delta R.T. -0.036 min
Lab File: VX021551.D
Acq: 27 Mar 2021 00:22

Tgt Ion: 59 Resp: 280
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

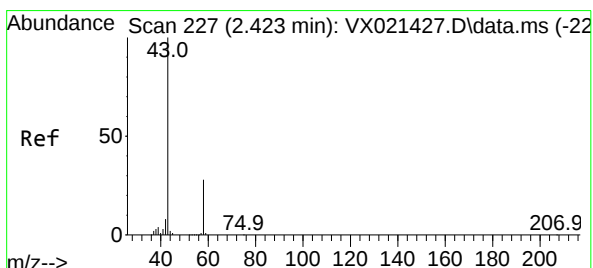
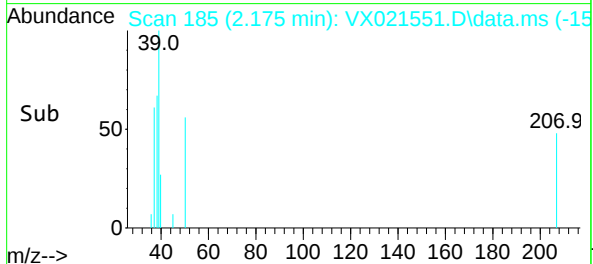
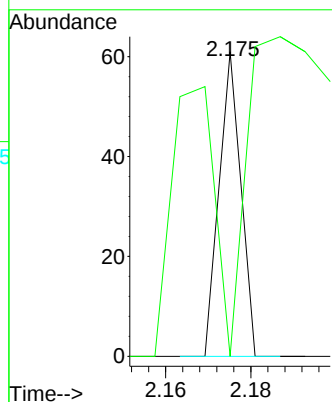
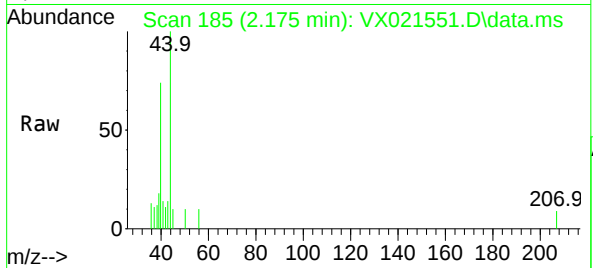




#13
Acrolein
Concen: 4.53 ug/l
RT: 2.175 min Scan# 185
Delta R.T. -0.101 min
Lab File: VX021551.D
Acq: 27 Mar 2021 00:22

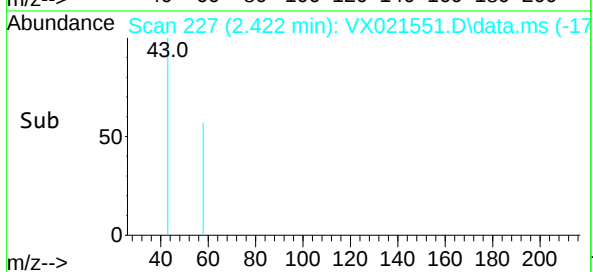
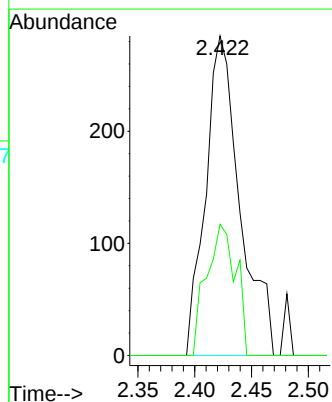
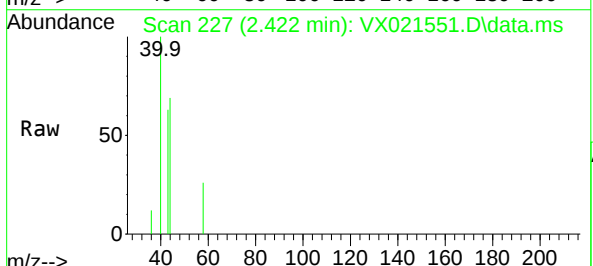
Instrument :
MSVOA_X
ClientSampled :

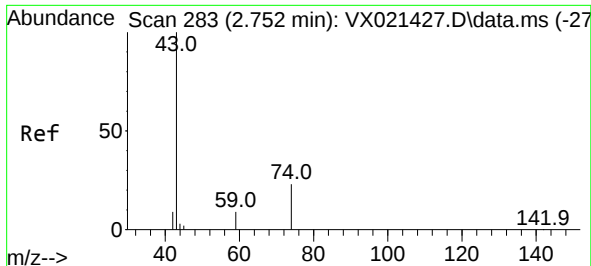
Tgt Ion: 56 Resp: 22
Ion Ratio Lower Upper
56 100
55 168.2 56.4 84.6#



#16
Acetone
Concen: 1.41 ug/l
RT: 2.422 min Scan# 227
Delta R.T. -0.001 min
Lab File: VX021551.D
Acq: 27 Mar 2021 00:22

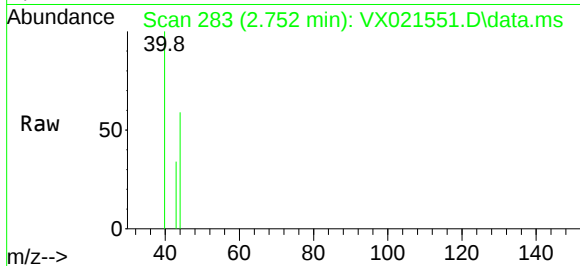
Tgt Ion: 43 Resp: 601
Ion Ratio Lower Upper
43 100
58 41.1 27.8 41.8



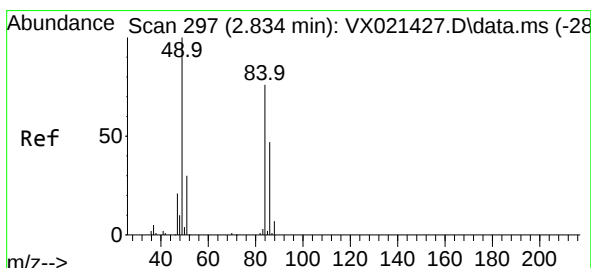
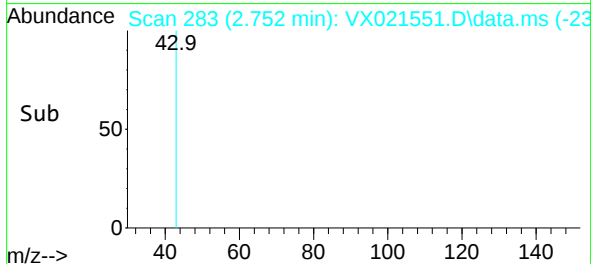
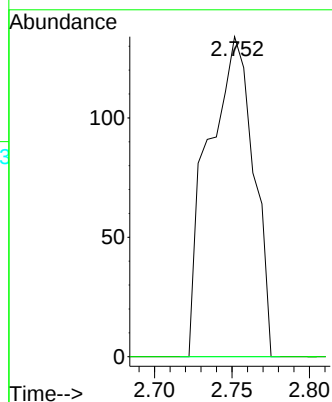


#18
Methyl Acetate
Concen: 0.22 ug/l
RT: 2.752 min Scan# 283
Delta R.T. -0.000 min
Lab File: VX021551.D
Acq: 27 Mar 2021 00:22

Instrument :
MSVOA_X
ClientSampled :

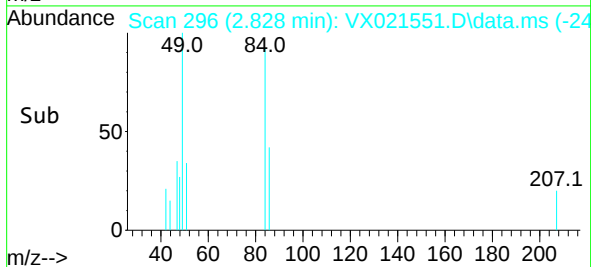
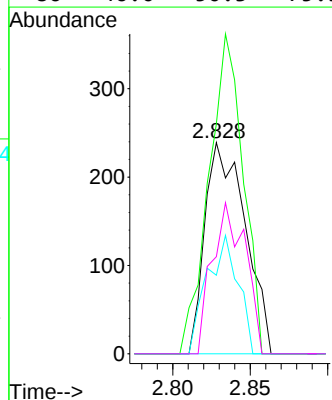
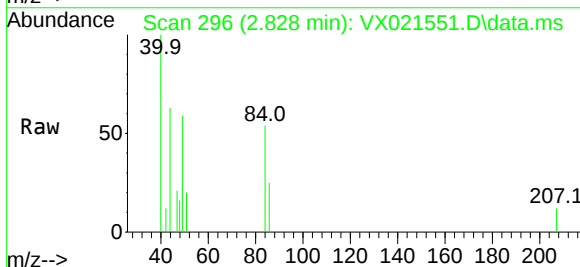


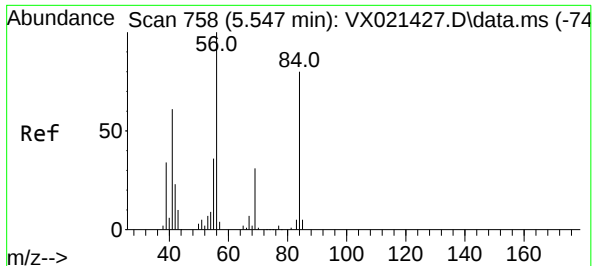
Tgt Ion: 43 Resp: 272
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



#20
Methylene Chloride
Concen: 0.52 ug/l
RT: 2.828 min Scan# 296
Delta R.T. -0.006 min
Lab File: VX021551.D
Acq: 27 Mar 2021 00:22

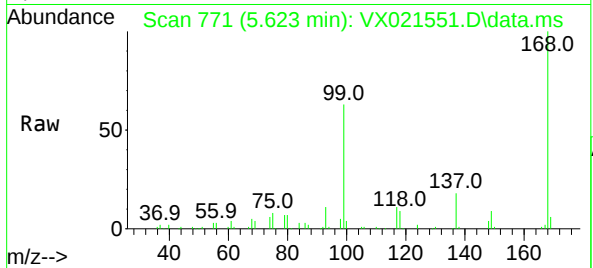
Tgt Ion: 84 Resp: 432
Ion Ratio Lower Upper
84 100
49 108.8 88.6 132.8
51 37.2 27.0 40.6
86 46.0 50.3 75.5#



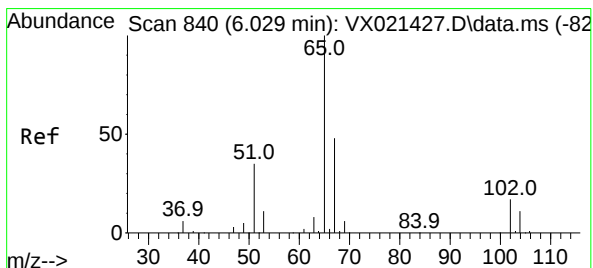
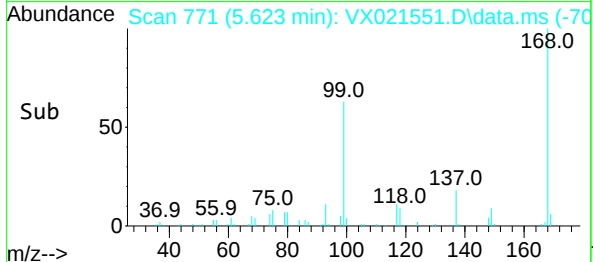
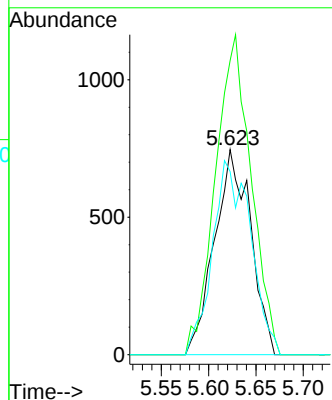


#31
Cyclohexane
Concen: 1.60 ug/l
RT: 5.623 min Scan# 771
Delta R.T. 0.076 min
Lab File: VX021551.D
Acq: 27 Mar 2021 00:22

Instrument :
MSVOA_X
ClientSampled :

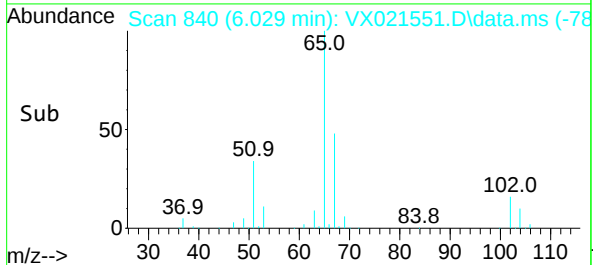
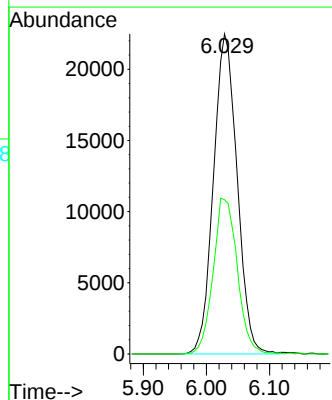
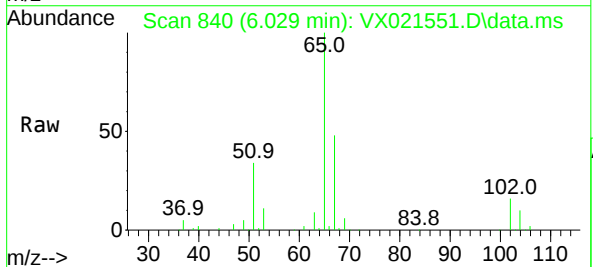


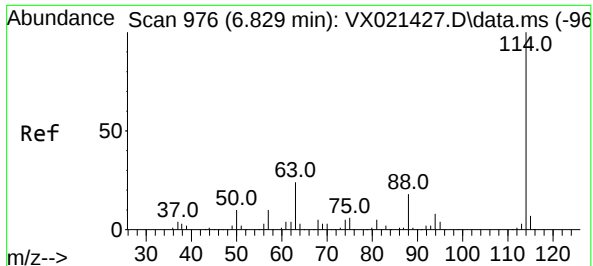
Tgt Ion: 56 Resp: 1978
Ion Ratio Lower Upper
56 100
69 143.4 25.3 37.9#
84 89.3 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 51.95 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX021551.D
Acq: 27 Mar 2021 00:22

Tgt Ion: 65 Resp: 58545
Ion Ratio Lower Upper
65 100
67 49.6 0.0 105.4

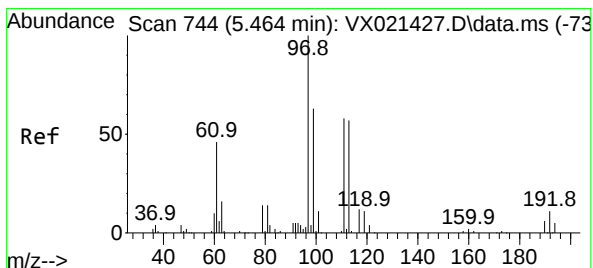
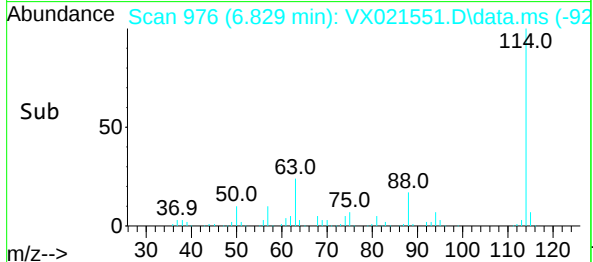
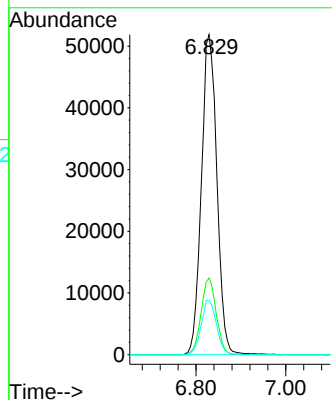
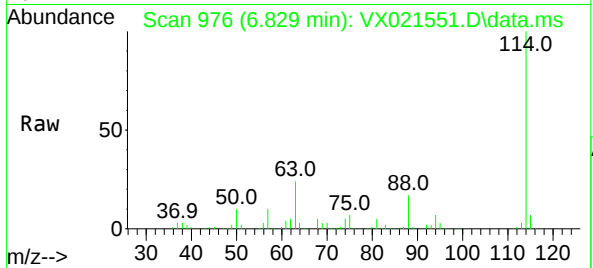




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. -0.000 min
Lab File: VX021551.D
Acq: 27 Mar 2021 00:22

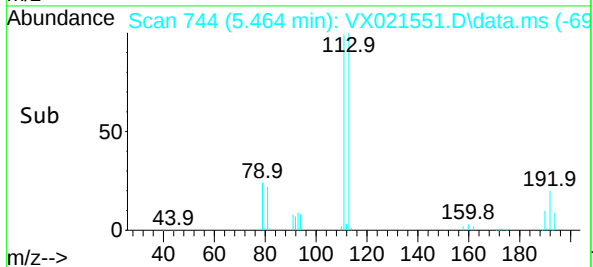
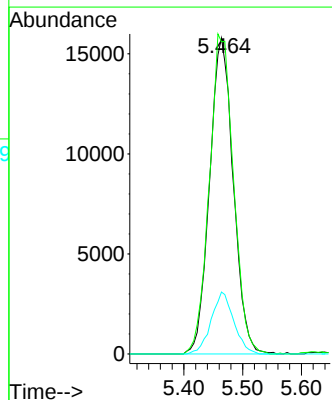
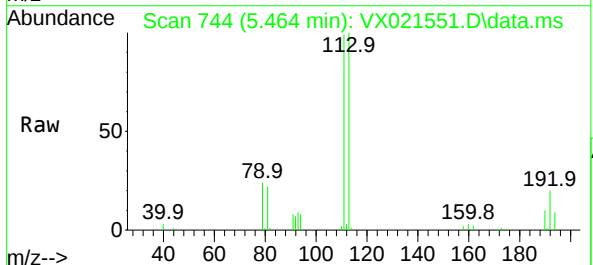
Instrument :
MSVOA_X
ClientSampled :

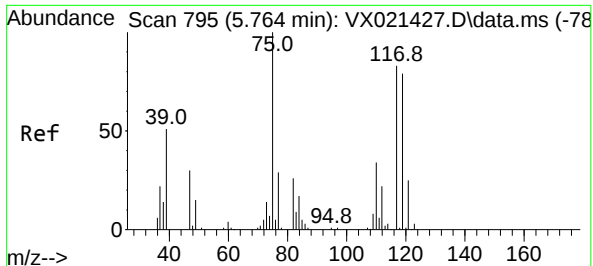
Tgt Ion:114 Resp: 124352
Ion Ratio Lower Upper
114 100
63 24.0 0.0 40.8
88 16.9 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.02 ug/l
RT: 5.464 min Scan# 744
Delta R.T. -0.000 min
Lab File: VX021551.D
Acq: 27 Mar 2021 00:22

Tgt Ion:113 Resp: 44180
Ion Ratio Lower Upper
113 100
111 103.2 81.9 122.9
192 18.7 16.7 25.1





#36

1,1-Dichloropropene

Concen: 5.10 ug/l

RT: 5.628 min Scan# 772

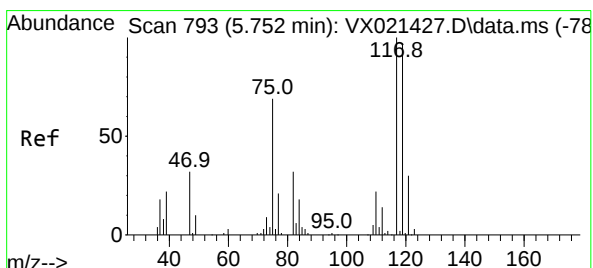
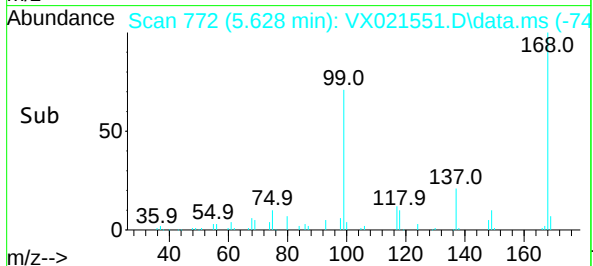
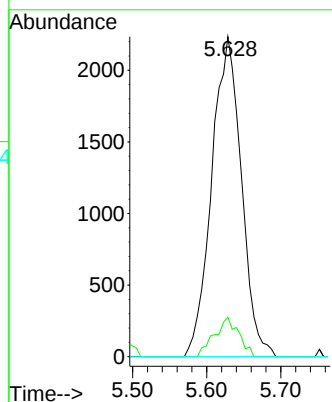
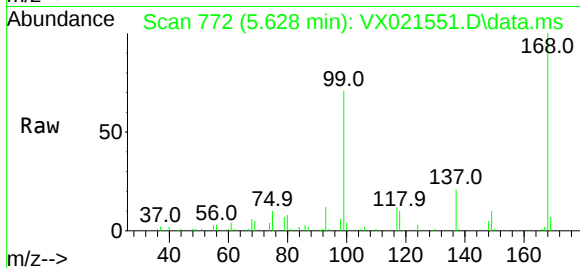
Delta R.T. -0.136 min

Lab File: VX021551.D

Acq: 27 Mar 2021 00:22

Tgt Ion:	75	Resp:	6215
Ion	Ratio	Lower	Upper
75	100		
110	10.1	18.1	54.4#
77	0.0	25.3	37.9#

Instrument :
MSVOA_X
ClientSampled :



#38

Carbon Tetrachloride

Concen: 5.51 ug/l

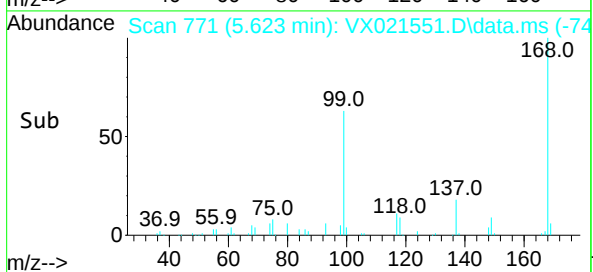
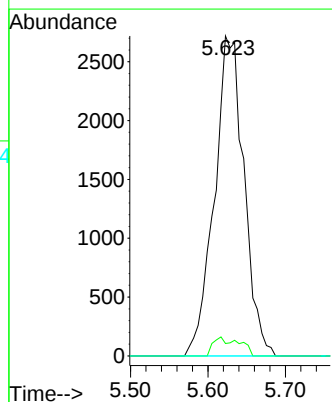
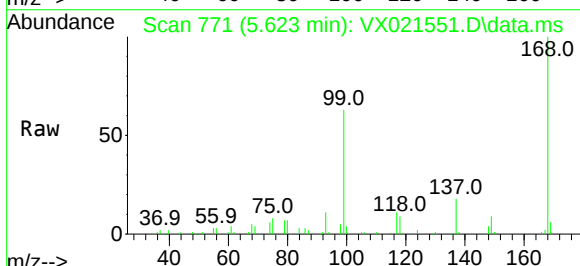
RT: 5.623 min Scan# 771

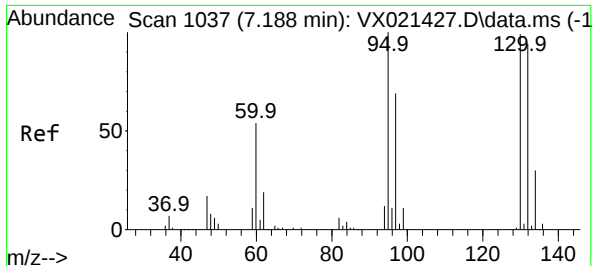
Delta R.T. -0.129 min

Lab File: VX021551.D

Acq: 27 Mar 2021 00:22

Tgt Ion:	117	Resp:	7220
Ion	Ratio	Lower	Upper
117	100		
119	3.9	76.2	114.2#
121	0.0	24.8	37.2#

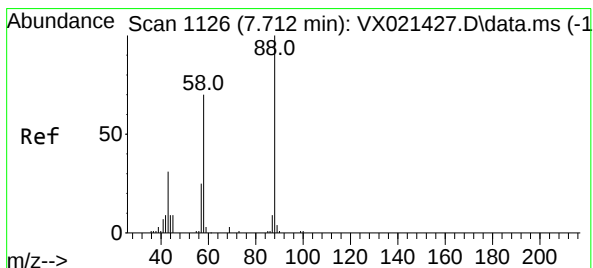
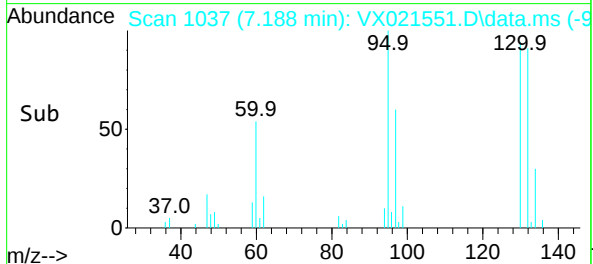
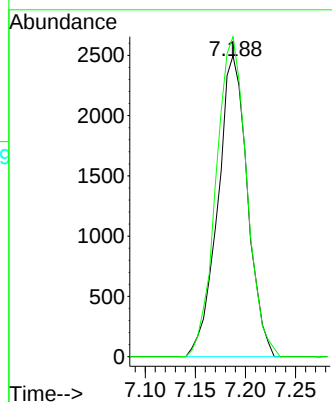
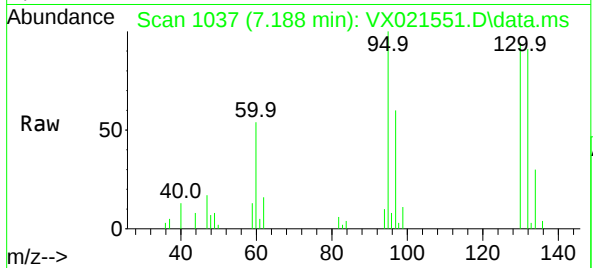




#44
Trichloroethene
Concen: 5.62 ug/l
RT: 7.188 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VX021551.D
Acq: 27 Mar 2021 00:22

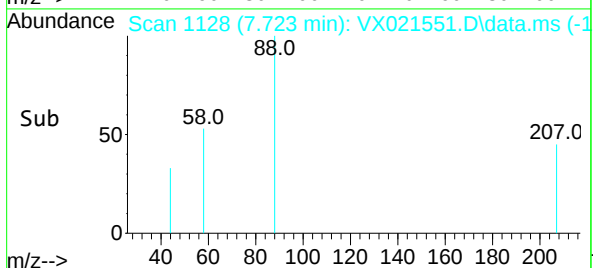
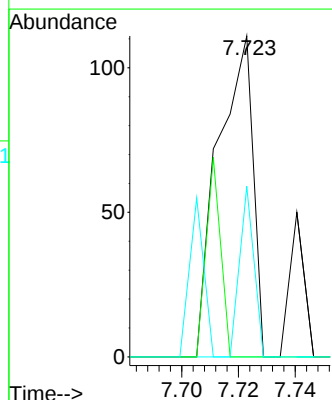
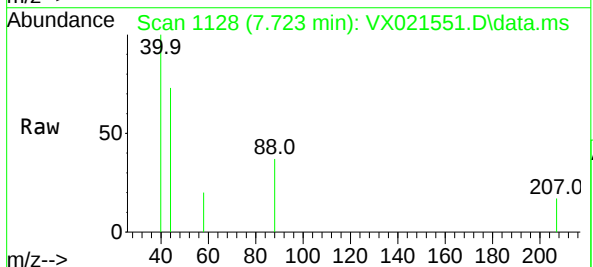
Instrument :
MSVOA_X
ClientSampled :

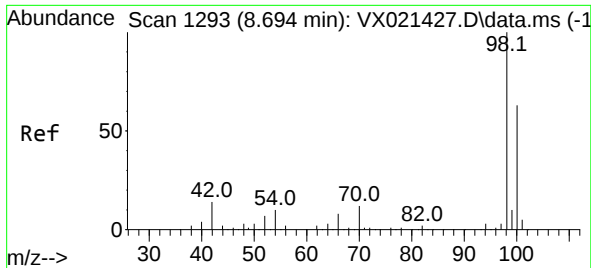
Tgt Ion:130 Resp: 5133
Ion Ratio Lower Upper
130 100
95 106.3 0.0 198.0



#49
1,4-Dioxane
Concen: 4.30 ug/l
RT: 7.723 min Scan# 1128
Delta R.T. 0.011 min
Lab File: VX021551.D
Acq: 27 Mar 2021 00:22

Tgt Ion: 88 Resp: 94
Ion Ratio Lower Upper
88 100
43 0.0 23.2 34.8#
58 22.3 55.0 82.4#

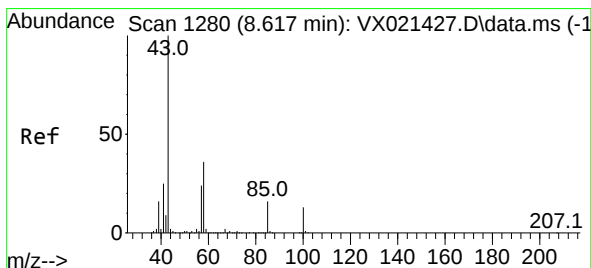
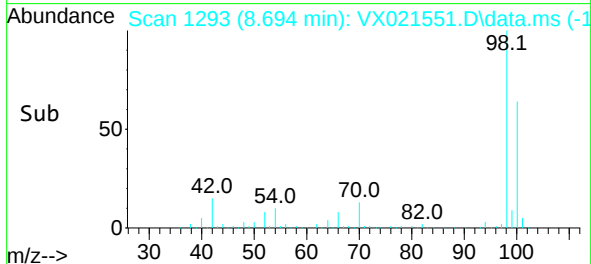
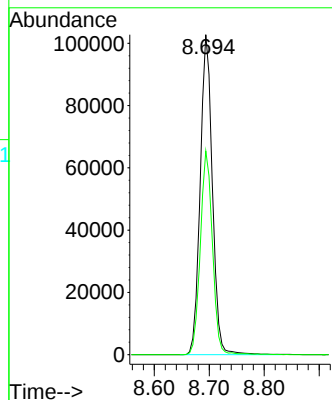
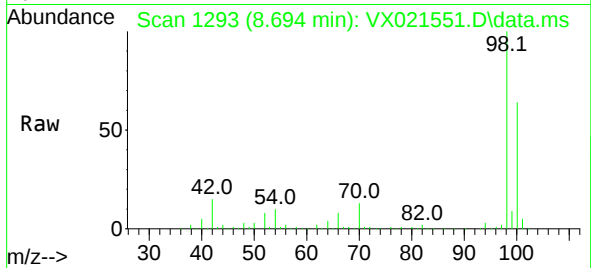




#50
Toluene-d8
Concen: 50.28 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021551.D
Acq: 27 Mar 2021 00:22

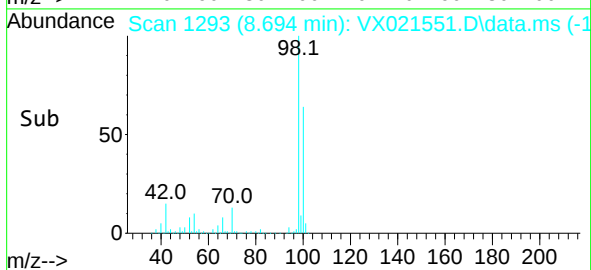
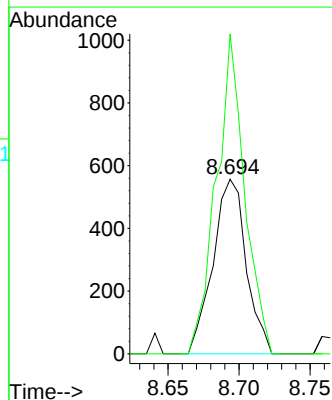
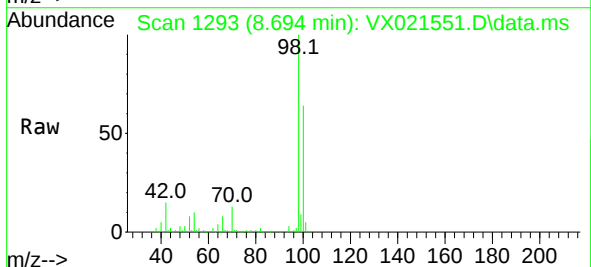
Instrument :
MSVOA_X
ClientSampled :

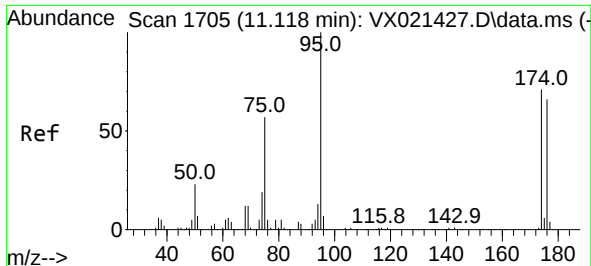
Tgt Ion: 98 Resp: 158271
Ion Ratio Lower Upper
98 100
100 63.6 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.65 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.077 min
Lab File: VX021551.D
Acq: 27 Mar 2021 00:22

Tgt Ion: 43 Resp: 908
Ion Ratio Lower Upper
43 100
58 156.4 35.4 53.0#

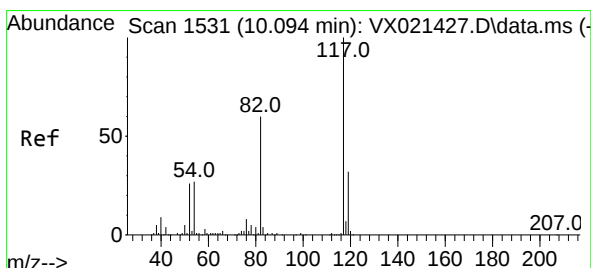
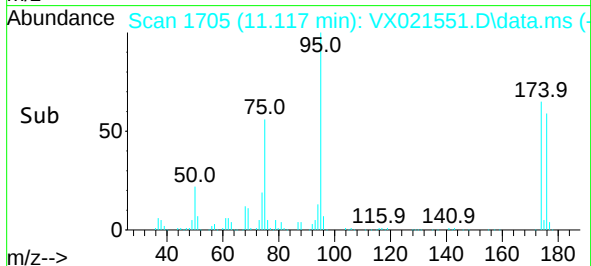
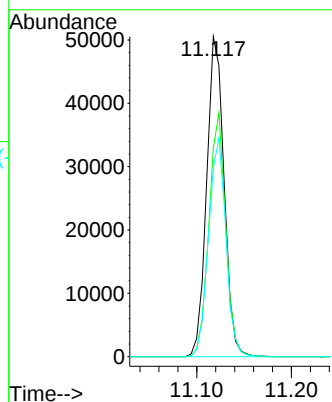
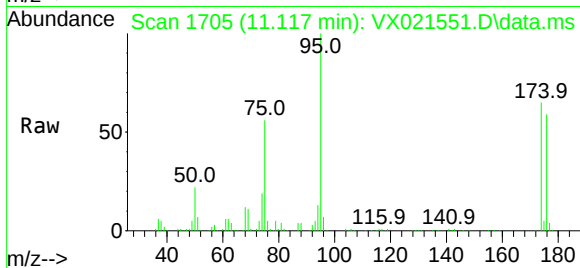




#62
4-Bromofluorobenzene
Concen: 52.67 ug/l
RT: 11.117 min Scan# 1705
Delta R.T. -0.001 min
Lab File: VX021551.D
Acq: 27 Mar 2021 00:22

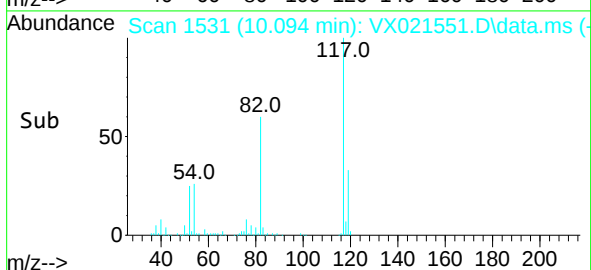
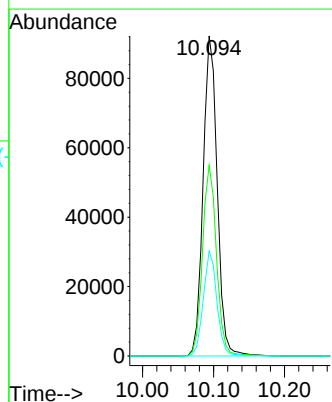
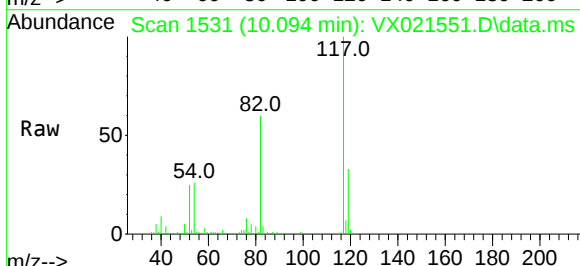
Instrument :
MSVOA_X
ClientSampleId :

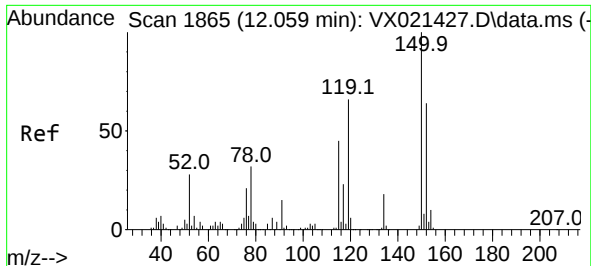
Tgt Ion: 95 Resp: 64457
Ion Ratio Lower Upper
95 100
174 73.4 0.0 154.6
176 68.1 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021551.D
Acq: 27 Mar 2021 00:22

Tgt Ion: 117 Resp: 127625
Ion Ratio Lower Upper
117 100
82 59.6 47.4 71.2
119 32.8 26.6 39.8

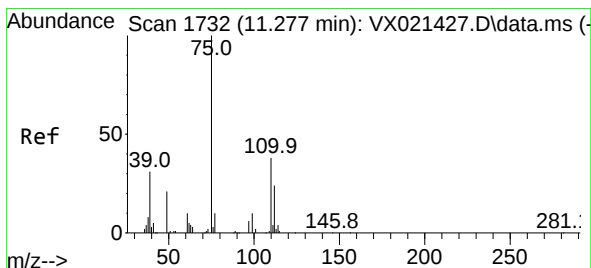
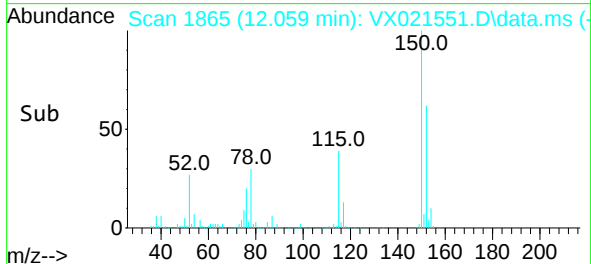
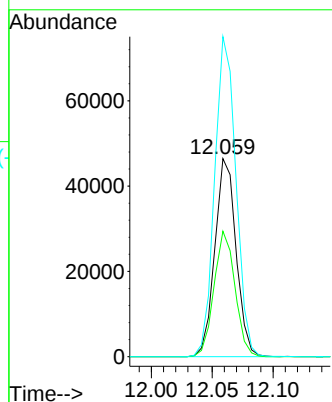
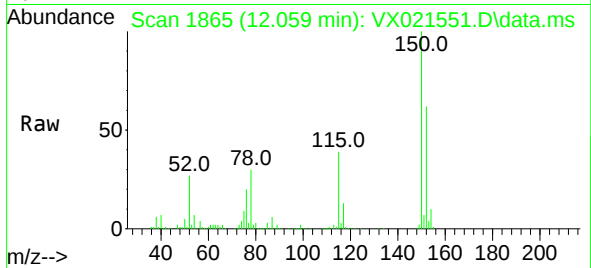




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. -0.000 min
Lab File: VX021551.D
Acq: 27 Mar 2021 00:22

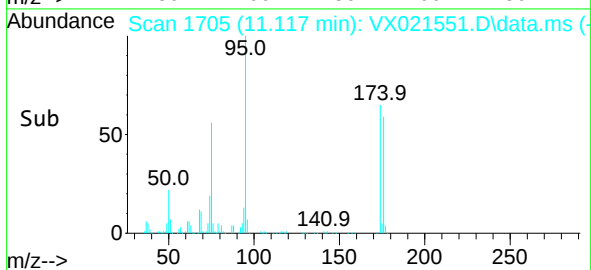
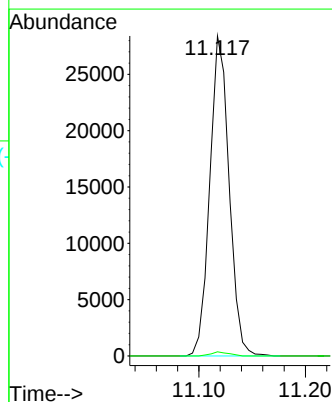
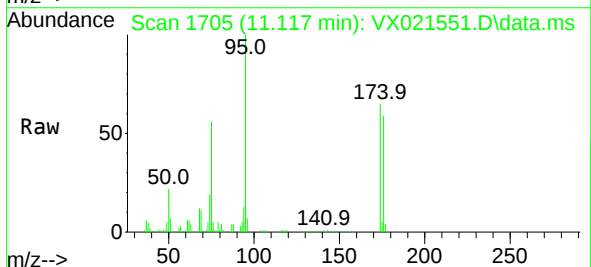
Instrument :
MSVOA_X
ClientSampled :

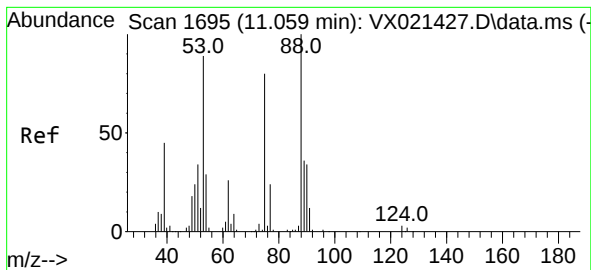
Tgt Ion:152 Resp: 56448
Ion Ratio Lower Upper
152 100
115 62.4 41.1 123.3
150 161.5 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 27.24 ug/l
RT: 11.117 min Scan# 1705
Delta R.T. -0.160 min
Lab File: VX021551.D
Acq: 27 Mar 2021 00:22

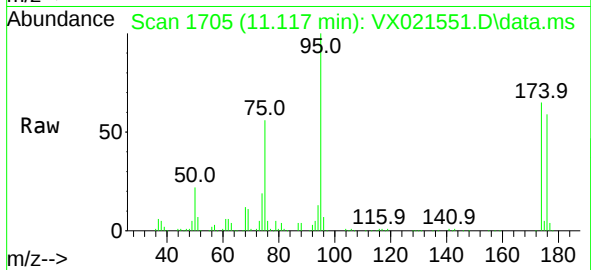
Tgt Ion: 75 Resp: 35797
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 82.97 ug/l
 RT: 11.117 min Scan# 1705
 Delta R.T. 0.058 min
 Lab File: VX021551.D
 Acq: 27 Mar 2021 00:22

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 35797
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.1 37.9 56.9#

