

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032621\
 Data File : VX021544.D
 Acq On : 26 Mar 2021 21:38
 Operator : JC/MD
 Sample : M1817-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 27 04:32:52 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)

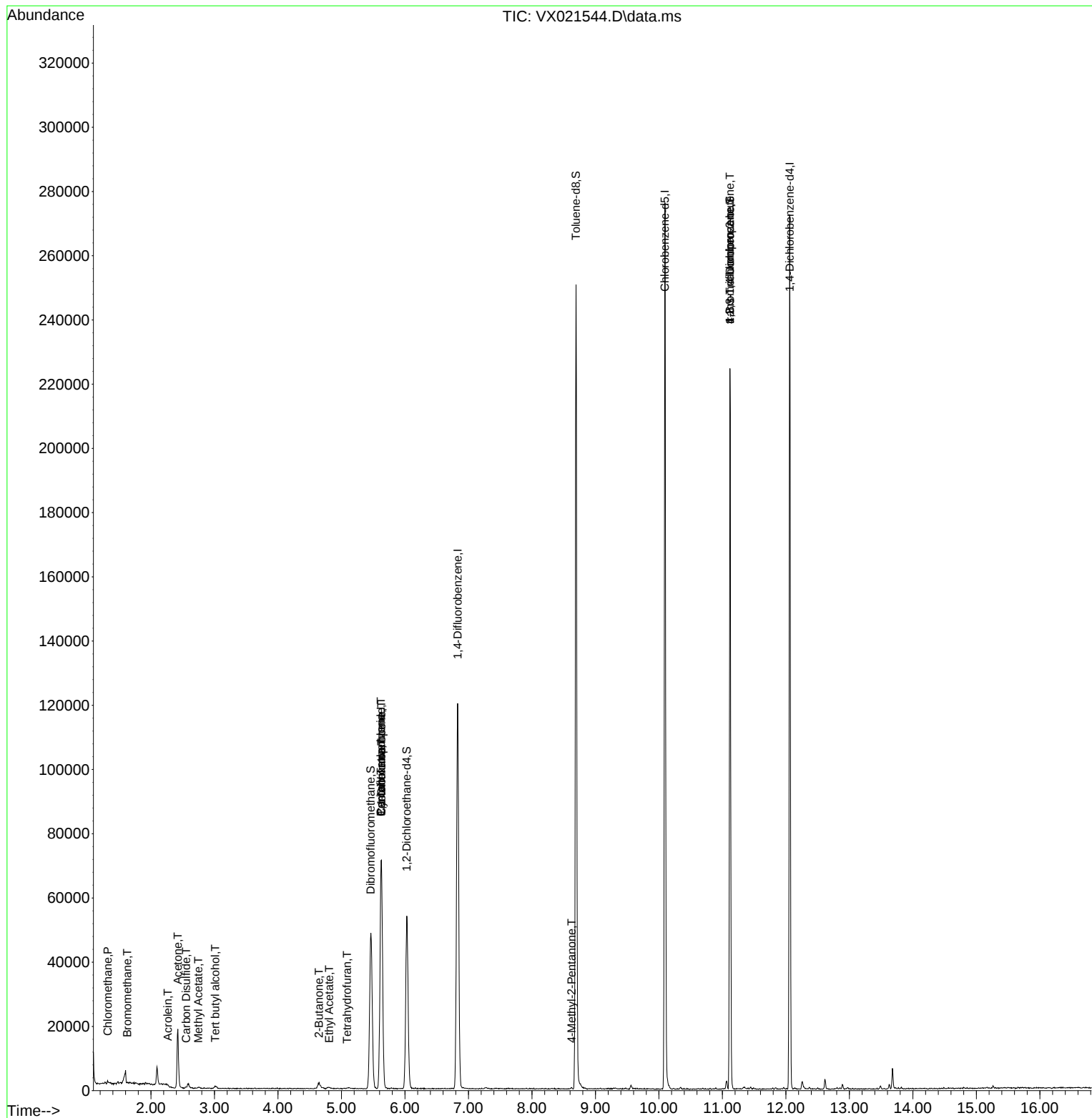
Internal Standards						
1) Pentafluorobenzene	5.623	168	60995	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.829	114	112110	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	114361	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	49020	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	52459	51.69	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery	= 103.38%		
35) Dibromofluoromethane	5.458	113	40803	51.24	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 102.48%		
50) Toluene-d8	8.694	98	142307	50.15	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery	= 100.30%		
62) 4-Bromofluorobenzene	11.118	95	57952	52.53	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery	= 105.06%		
Target Compounds						
						Qvalue
3) Chloromethane	1.317	50	1413	1.87	ug/l	91
5) Bromomethane	1.628	94	108	0.39	ug/l	100
11) Tert butyl alcohol	3.011	59	846	5.04	ug/l #	81
13) Acrolein	2.264	56	18	4.51	ug/l #	1
16) Acetone	2.423	43	19155	49.92	ug/l	89
17) Carbon Disulfide	2.552	76	363	0.21	ug/l #	75
18) Methyl Acetate	2.746	43	696	0.63	ug/l #	47
25) 2-Butanone	4.646	43	2452	4.22	ug/l	95
29) Tetrahydrofuran	5.088	42	124	0.33	ug/l #	27
31) Cyclohexane	5.629	56	1804	1.62	ug/l #	42
36) 1,1-Dichloropropene	5.629	75	5867	5.34	ug/l #	49
37) Ethyl Acetate	4.805	43	1007	0.79	ug/l #	69
38) Carbon Tetrachloride	5.623	117	6571	5.57	ug/l #	17
51) 4-Methyl-2-Pentanone	8.623	43	259	0.20	ug/l	90
76) 1,2,3-Trichloropropane	11.118	75	31978	28.02	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.118	75	31978	85.35	ug/l #	12

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

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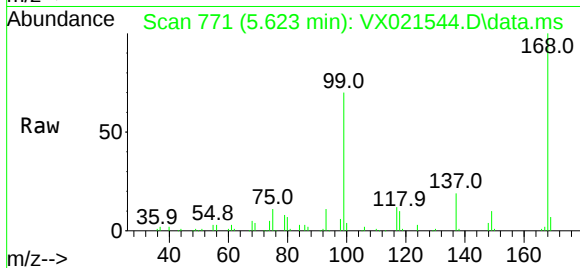
Quant Time: Mar 27 04:32:52 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 24 12:25:26 2021
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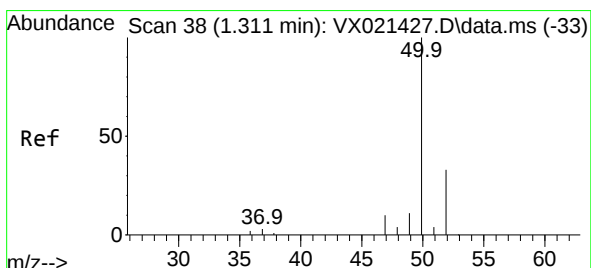
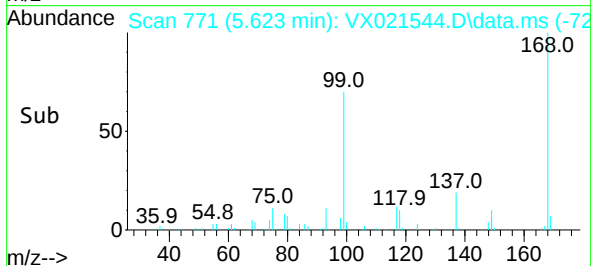
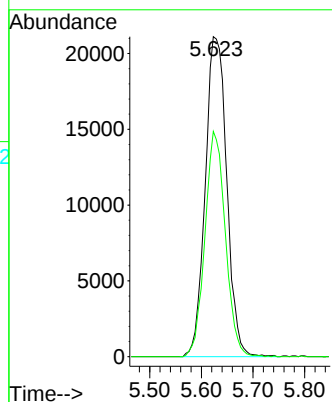


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.006 min
Lab File: VX021544.D
Acq: 26 Mar 2021 21:38

Instrument :
MSVOA_X
ClientSampled :

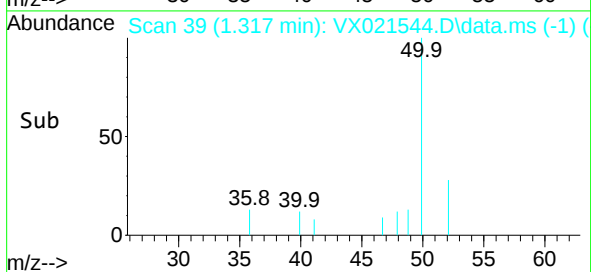
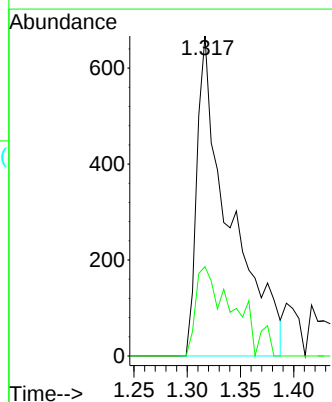
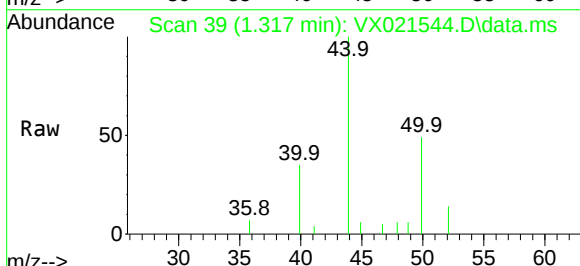


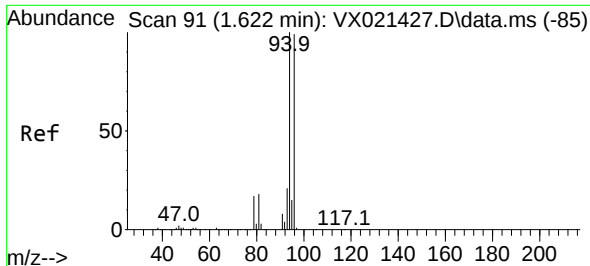
Tgt Ion:168 Resp: 60995
Ion Ratio Lower Upper
168 100
99 70.4 45.8 68.6#



#3
Chloromethane
Concen: 1.87 ug/l
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021544.D
Acq: 26 Mar 2021 21:38

Tgt Ion: 50 Resp: 1413
Ion Ratio Lower Upper
50 100
52 27.9 26.4 39.6

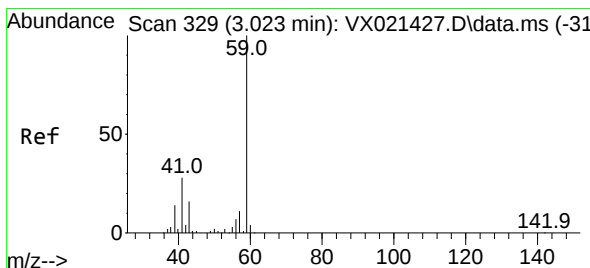
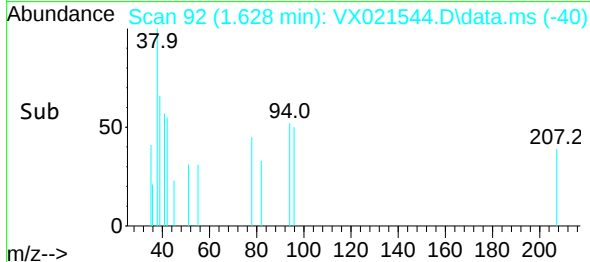
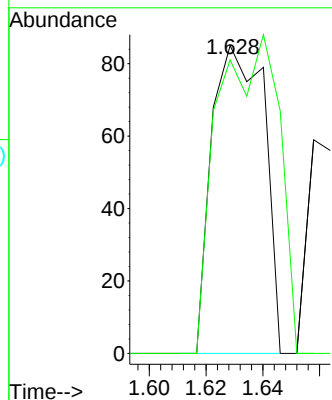
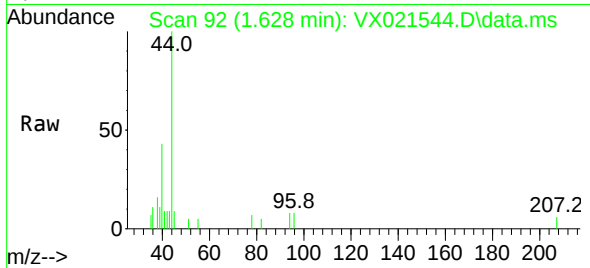




#5
Bromomethane
Concen: 0.39 ug/l
RT: 1.628 min Scan# 92
Delta R.T. 0.006 min
Lab File: VX021544.D
Acq: 26 Mar 2021 21:38

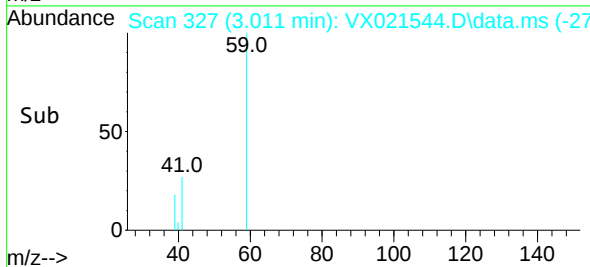
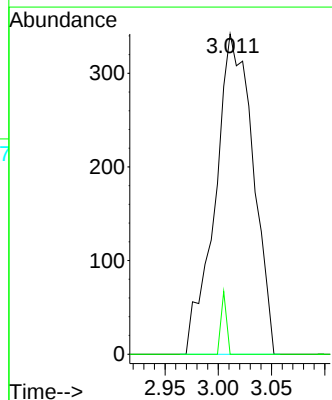
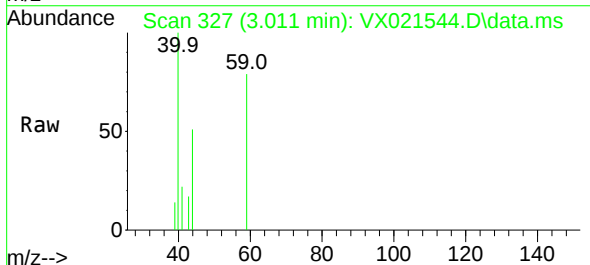
Instrument :
MSVOA_X
ClientSampleId :

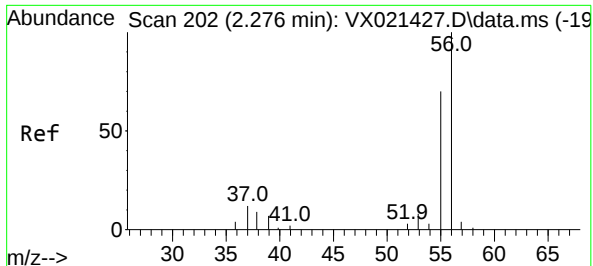
Tgt Ion: 94 Resp: 108
Ion Ratio Lower Upper
94 100
96 95.3 76.4 114.6



#11
Tert butyl alcohol
Concen: 5.04 ug/l
RT: 3.011 min Scan# 327
Delta R.T. -0.012 min
Lab File: VX021544.D
Acq: 26 Mar 2021 21:38

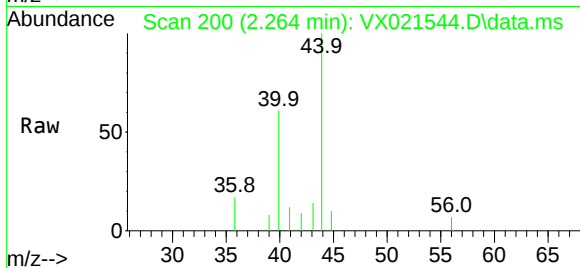
Tgt Ion: 59 Resp: 846
Ion Ratio Lower Upper
59 100
57 2.8 7.8 11.8#



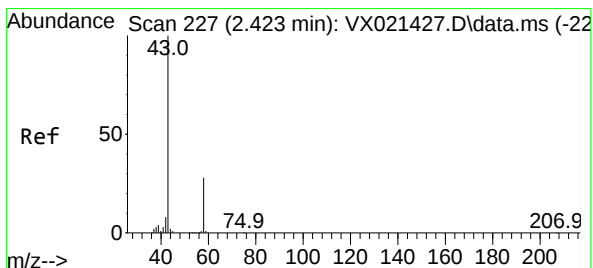
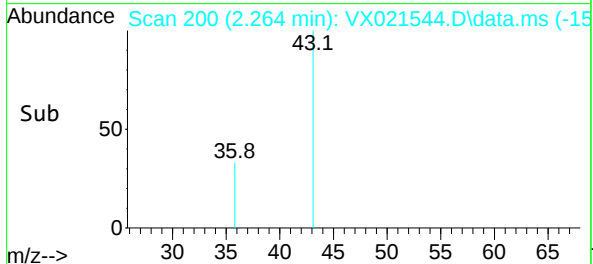
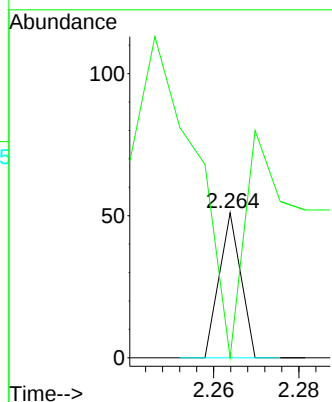


#13
Acrolein
Concen: 4.51 ug/l
RT: 2.264 min Scan# 200
Delta R.T. -0.012 min
Lab File: VX021544.D
Acq: 26 Mar 2021 21:38

Instrument :
MSVOA_X
ClientSampled :

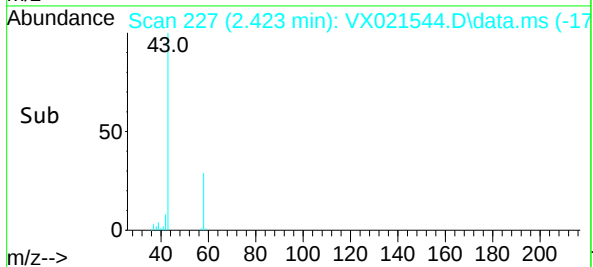
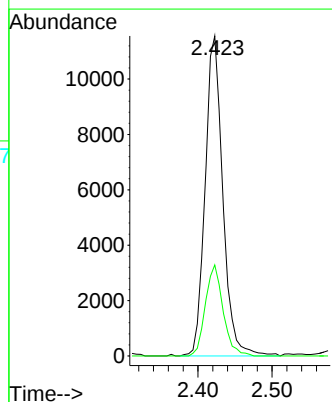
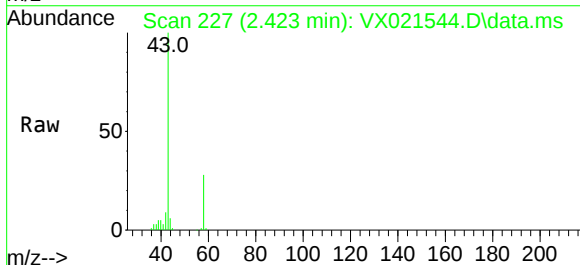


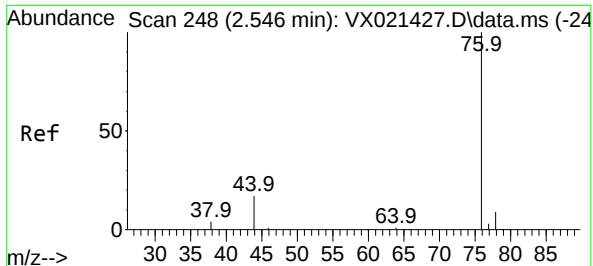
Tgt Ion: 56 Resp: 18
Ion Ratio Lower Upper
56 100
55 583.3 56.4 84.6#



#16
Acetone
Concen: 49.92 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021544.D
Acq: 26 Mar 2021 21:38

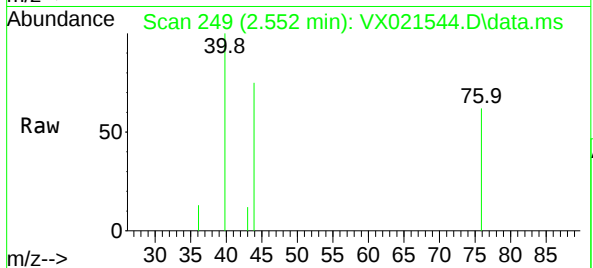
Tgt Ion: 43 Resp: 19155
Ion Ratio Lower Upper
43 100
58 28.5 27.8 41.8



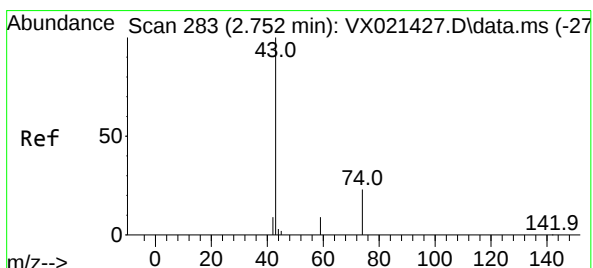
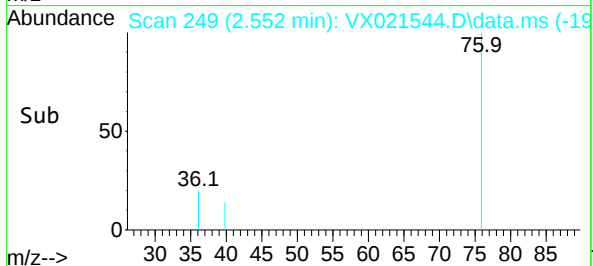
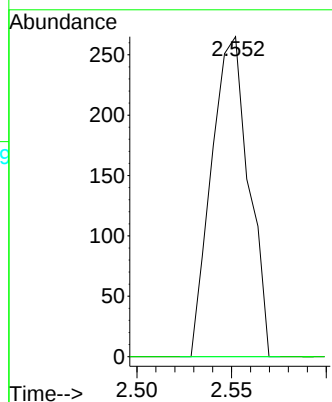


#17
Carbon Disulfide
Concen: 0.21 ug/l
RT: 2.552 min Scan# 249
Delta R.T. 0.006 min
Lab File: VX021544.D
Acq: 26 Mar 2021 21:38

Instrument :
MSVOA_X
ClientSampleId :

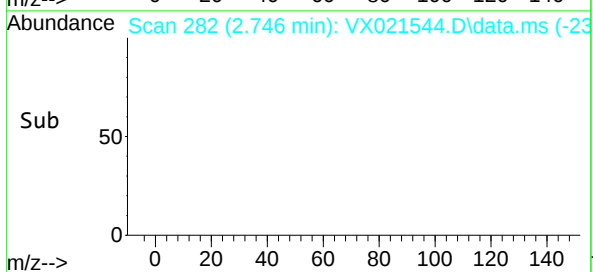
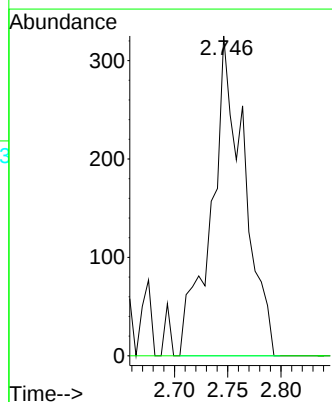
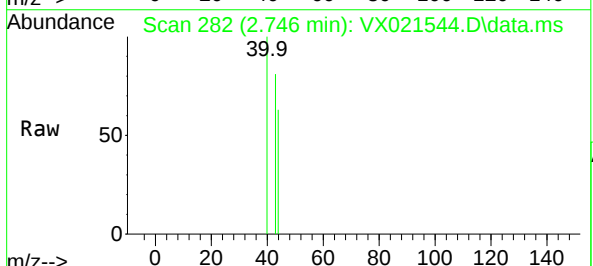


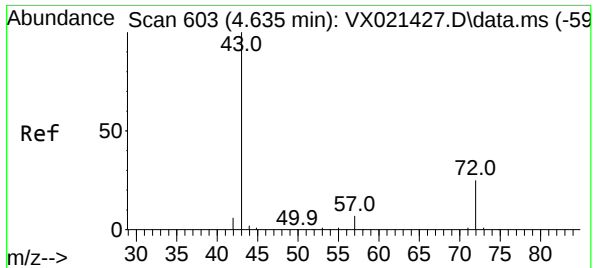
Tgt Ion: 76 Resp: 363
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 0.63 ug/l
RT: 2.746 min Scan# 282
Delta R.T. -0.006 min
Lab File: VX021544.D
Acq: 26 Mar 2021 21:38

Tgt Ion: 43 Resp: 696
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#

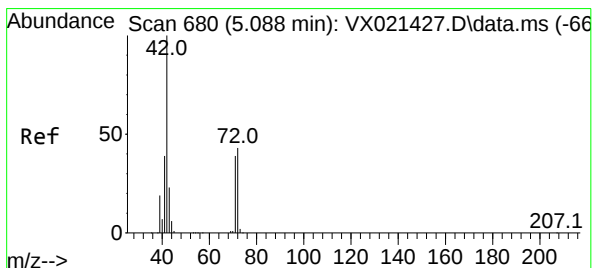
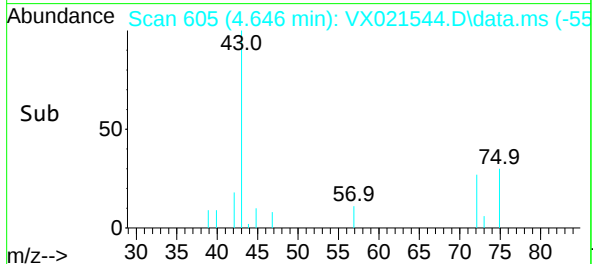
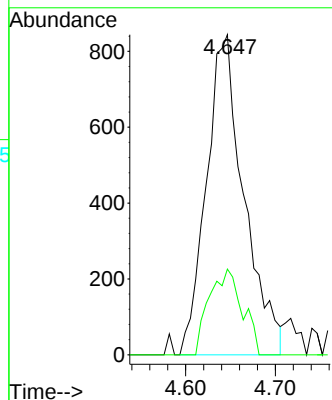
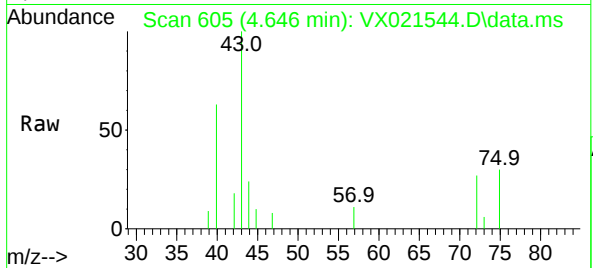




#25
2-Butanone
Concen: 4.22 ug/l
RT: 4.646 min Scan# 605
Delta R.T. 0.011 min
Lab File: VX021544.D
Acq: 26 Mar 2021 21:38

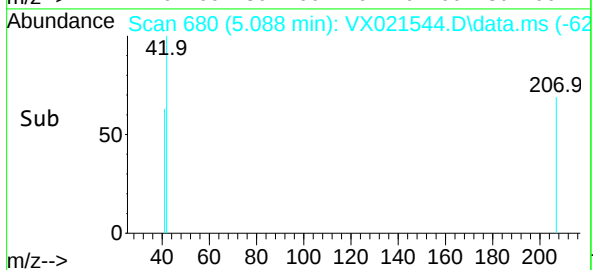
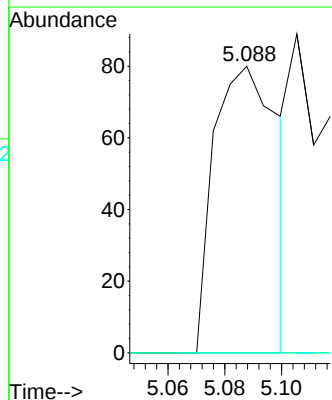
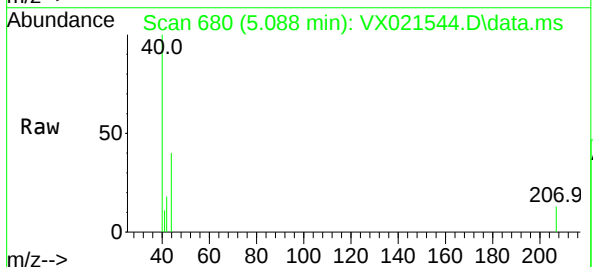
Instrument :
MSVOA_X
ClientSampleId :

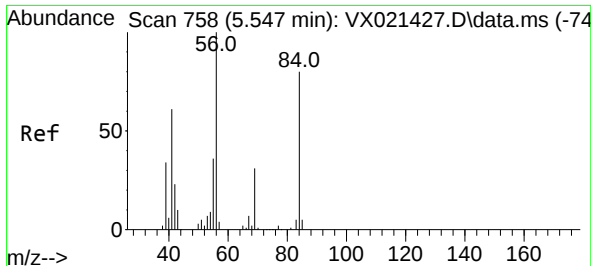
Tgt Ion: 43 Resp: 2452
Ion Ratio Lower Upper
43 100
72 26.8 23.7 35.5



#29
Tetrahydrofuran
Concen: 0.33 ug/l
RT: 5.088 min Scan# 680
Delta R.T. -0.000 min
Lab File: VX021544.D
Acq: 26 Mar 2021 21:38

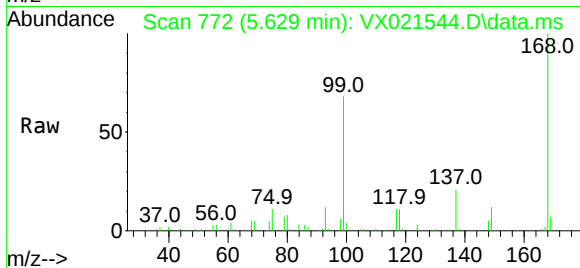
Tgt Ion: 42 Resp: 124
Ion Ratio Lower Upper
42 100
72 0.0 41.7 62.5#
71 0.0 38.4 57.6#



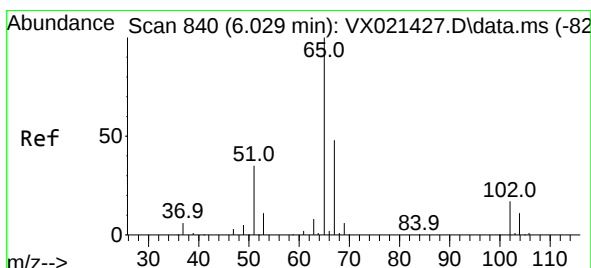
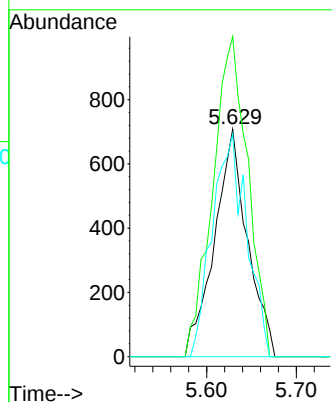
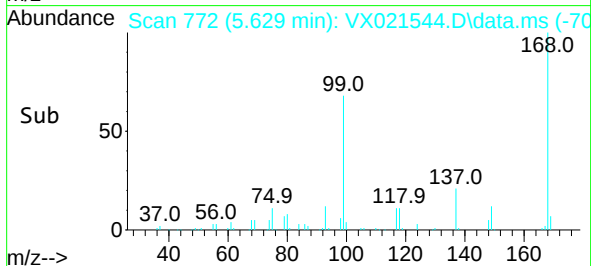


#31
Cyclohexane
Concen: 1.62 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.082 min
Lab File: VX021544.D
Acq: 26 Mar 2021 21:38

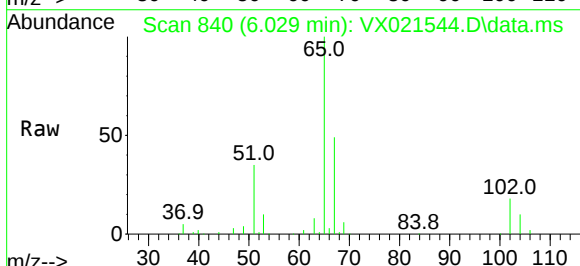
Instrument :
MSVOA_X
ClientSampled :



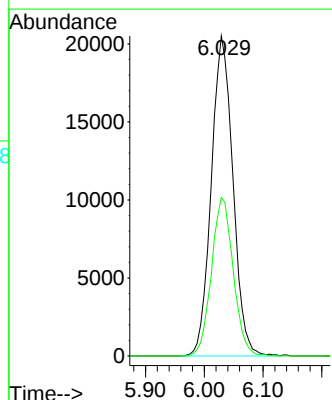
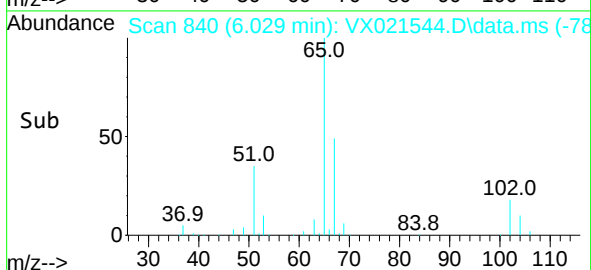
Tgt Ion: 56 Resp: 1804
Ion Ratio Lower Upper
56 100
69 140.7 25.3 37.9#
84 97.9 71.4 107.0

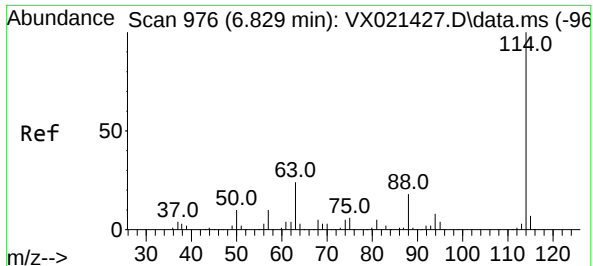


#33
1,2-Dichloroethane-d4
Concen: 51.69 ug/l
RT: 6.029 min Scan# 840
Delta R.T. 0.000 min
Lab File: VX021544.D
Acq: 26 Mar 2021 21:38



Tgt Ion: 65 Resp: 52459
Ion Ratio Lower Upper
65 100
67 49.8 0.0 105.4

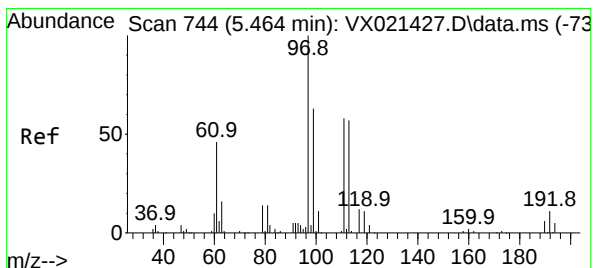
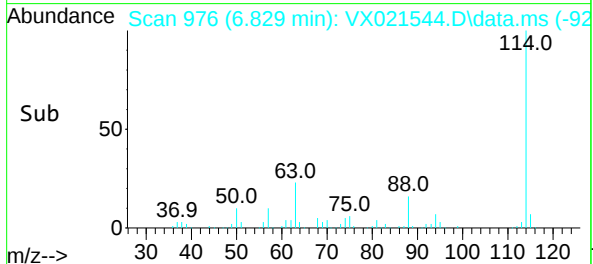
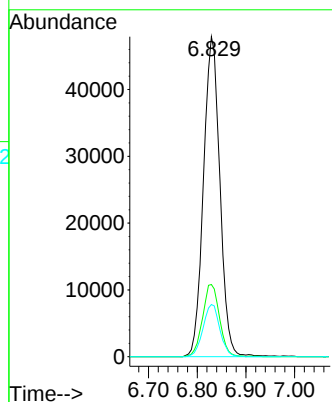
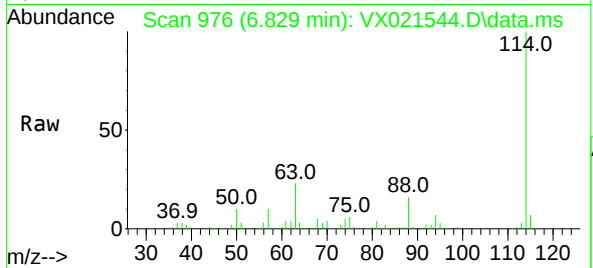




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX021544.D
Acq: 26 Mar 2021 21:38

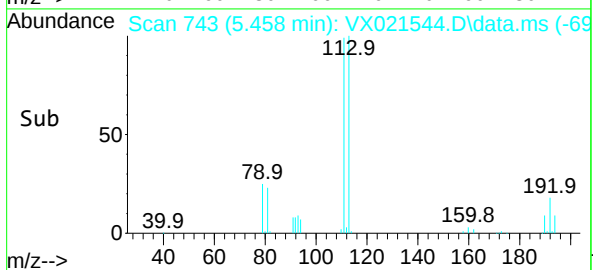
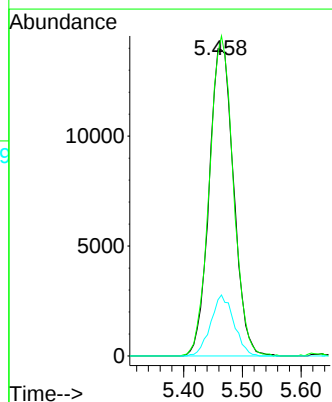
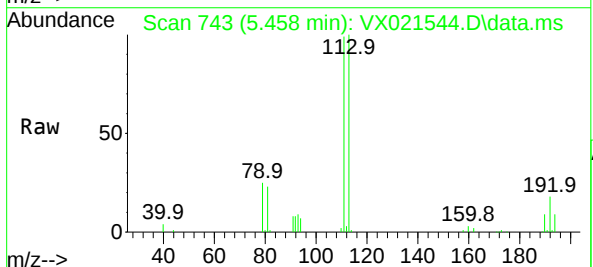
Instrument :
MSVOA_X
ClientSampled :

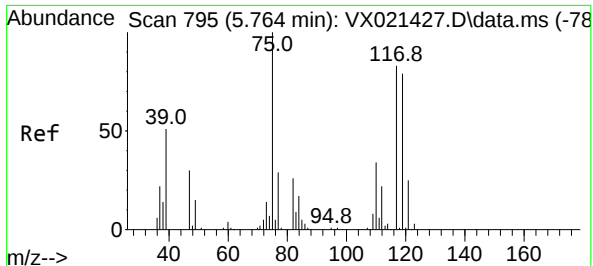
Tgt Ion:114 Resp: 112110
Ion Ratio Lower Upper
114 100
63 22.6 0.0 40.8
88 16.3 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.24 ug/l
RT: 5.458 min Scan# 743
Delta R.T. -0.006 min
Lab File: VX021544.D
Acq: 26 Mar 2021 21:38

Tgt Ion:113 Resp: 40803
Ion Ratio Lower Upper
113 100
111 101.1 81.9 122.9
192 18.6 16.7 25.1





#36

1,1-Dichloropropene

Concen: 5.34 ug/l

RT: 5.629 min Scan# 772

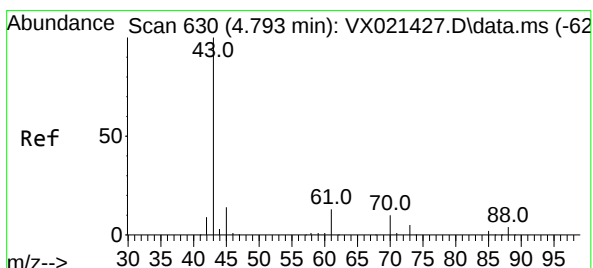
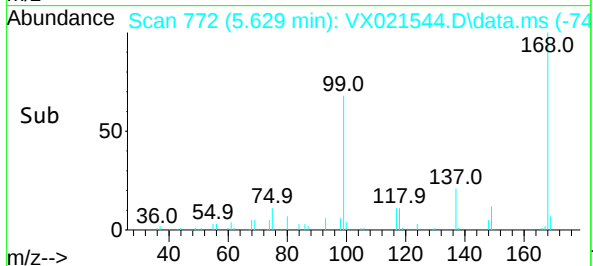
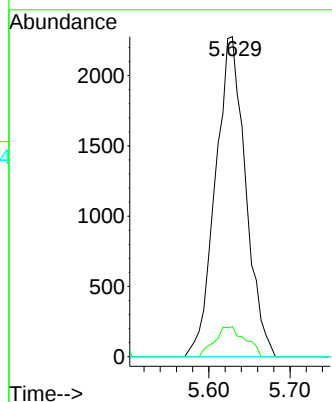
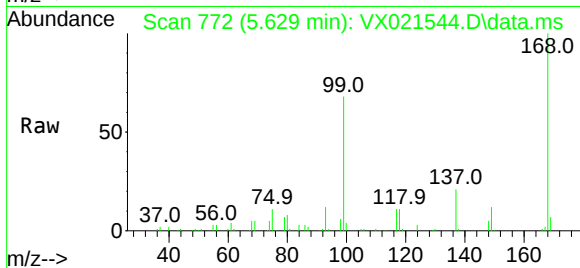
Delta R.T. -0.135 min

Lab File: VX021544.D

Acq: 26 Mar 2021 21:38

Tgt Ion:	75	Resp:	5867
Ion	Ratio	Lower	Upper
75	100		
110	9.5	18.1	54.4#
77	0.0	25.3	37.9#

Instrument :
MSVOA_X
ClientSampled :



#37

Ethyl Acetate

Concen: 0.79 ug/l

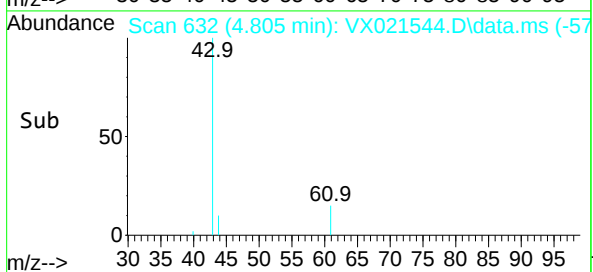
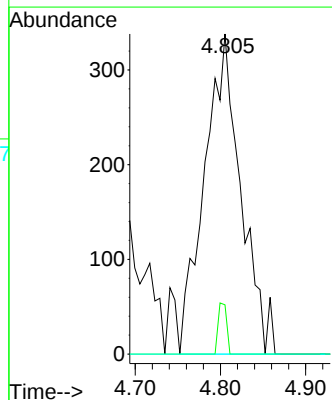
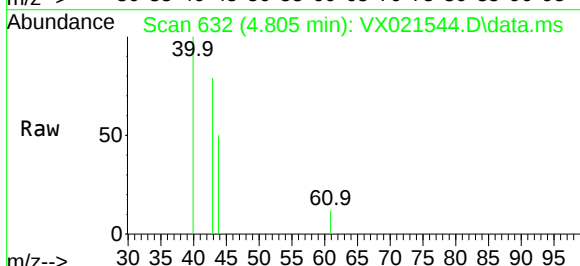
RT: 4.805 min Scan# 632

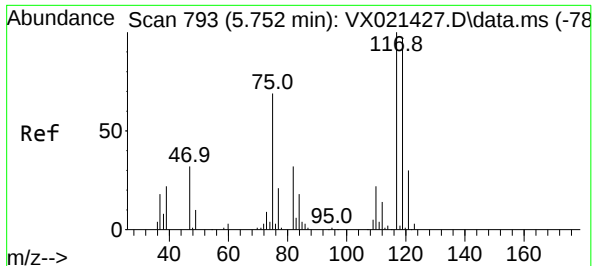
Delta R.T. 0.012 min

Lab File: VX021544.D

Acq: 26 Mar 2021 21:38

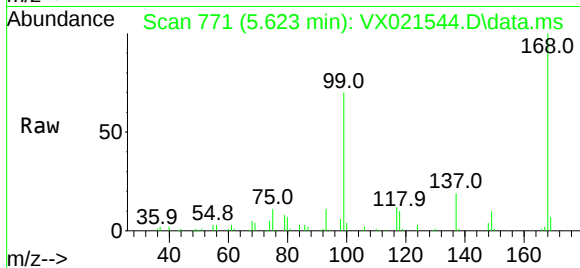
Tgt Ion:	43	Resp:	1007
Ion	Ratio	Lower	Upper
43	100		
61	3.7	12.8	19.2#
70	0.0	10.5	15.7#



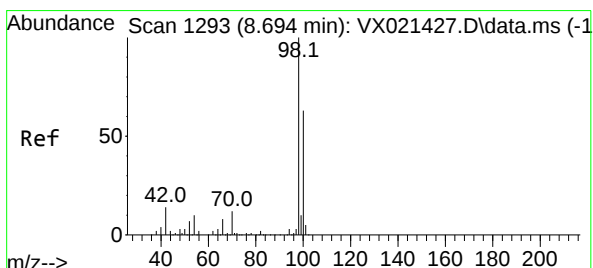
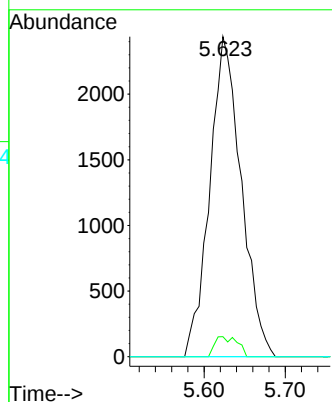
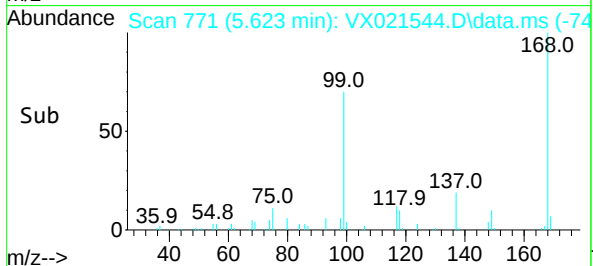


#38
Carbon Tetrachloride
Concen: 5.57 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.129 min
Lab File: VX021544.D
Acq: 26 Mar 2021 21:38

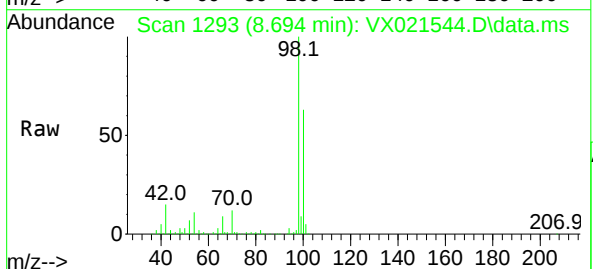
Instrument :
MSVOA_X
ClientSampled :



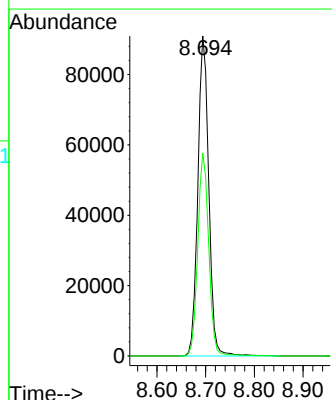
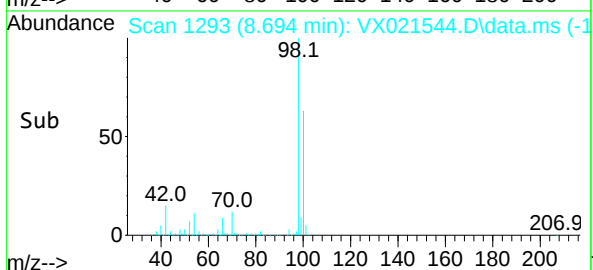
Tgt Ion:117 Resp: 6571
Ion Ratio Lower Upper
117 100
119 6.2 76.2 114.2#
121 0.0 24.8 37.2#

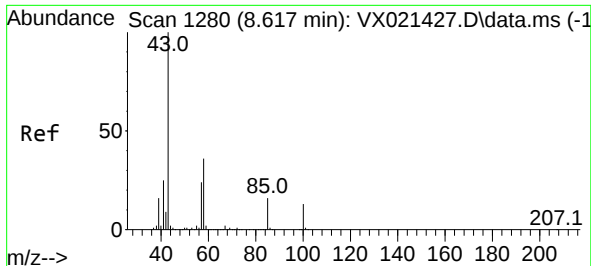


#50
Toluene-d8
Concen: 50.15 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021544.D
Acq: 26 Mar 2021 21:38



Tgt Ion: 98 Resp: 142307
Ion Ratio Lower Upper
98 100
100 63.9 51.9 77.9

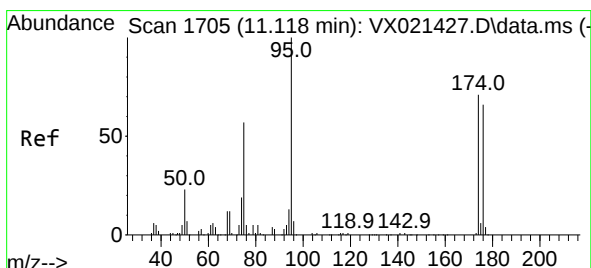
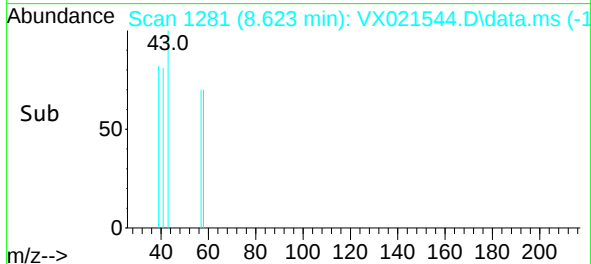
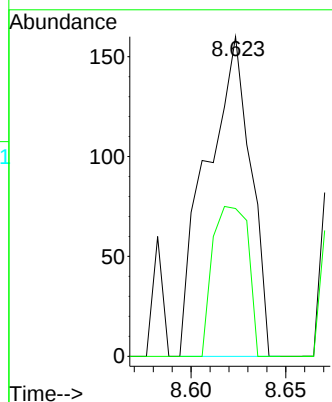
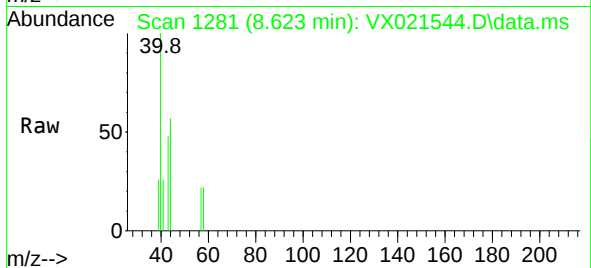




#51
4-Methyl-2-Pentanone
Concen: 0.20 ug/l
RT: 8.623 min Scan# 1281
Delta R.T. 0.006 min
Lab File: VX021544.D
Acq: 26 Mar 2021 21:38

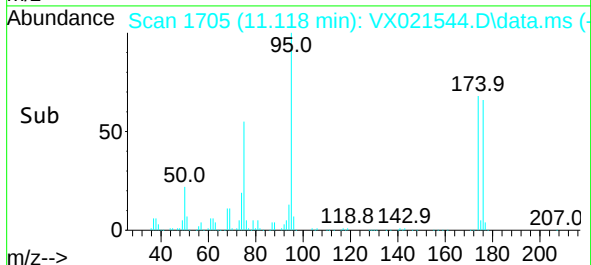
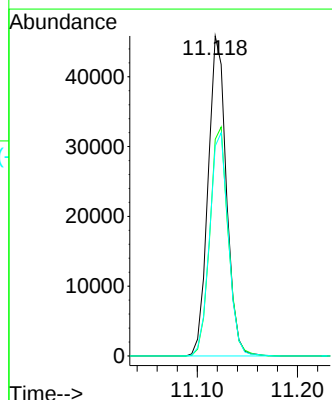
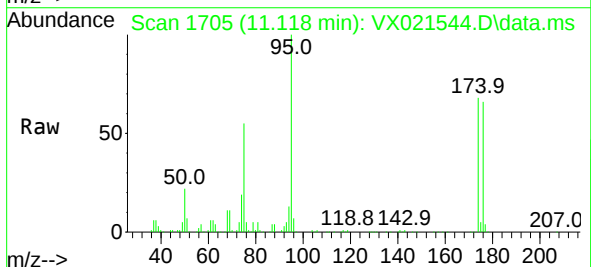
Instrument :
MSVOA_X
ClientSampled :

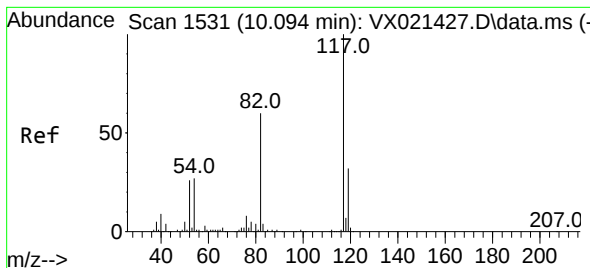
Tgt Ion: 43 Resp: 259
Ion Ratio Lower Upper
43 100
58 37.8 35.4 53.0



#62
4-Bromofluorobenzene
Concen: 52.53 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021544.D
Acq: 26 Mar 2021 21:38

Tgt Ion: 95 Resp: 57952
Ion Ratio Lower Upper
95 100
174 72.1 0.0 154.6
176 71.3 0.0 155.8

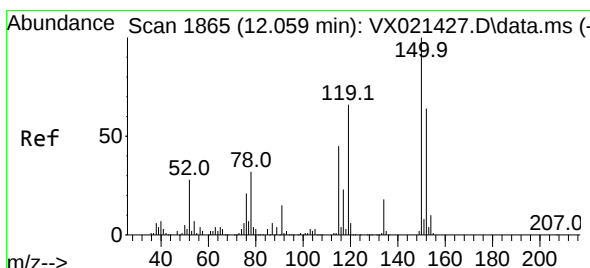
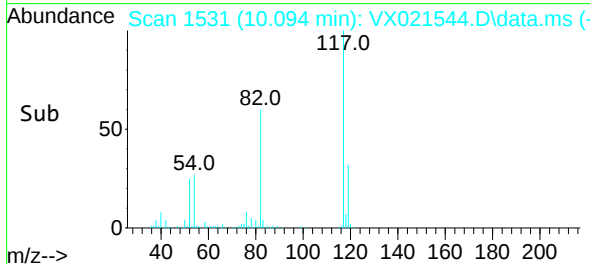
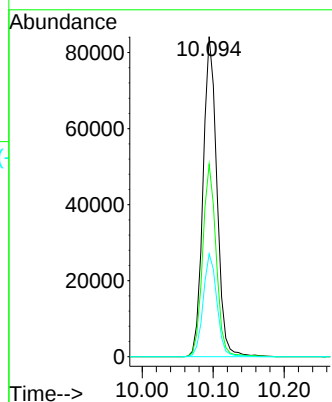
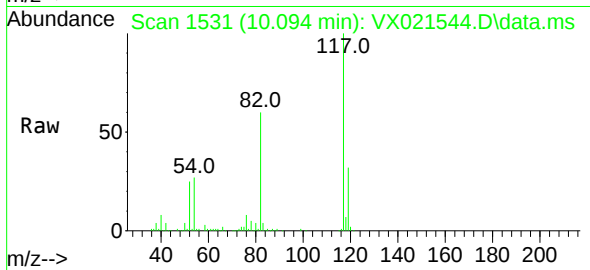




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021544.D
Acq: 26 Mar 2021 21:38

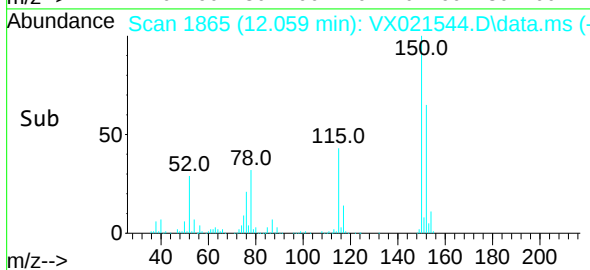
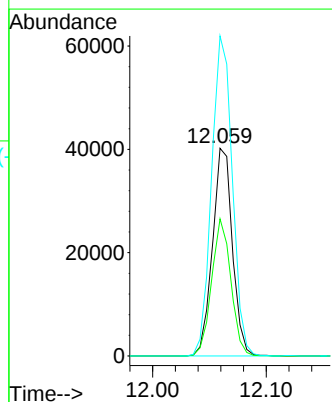
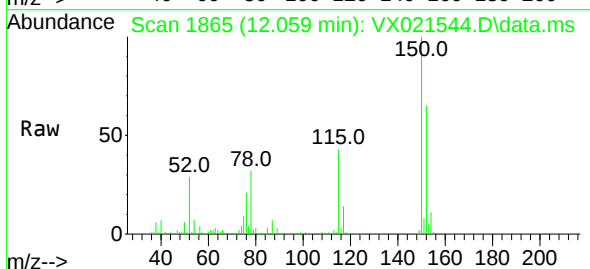
Instrument :
MSVOA_X
ClientSampled :

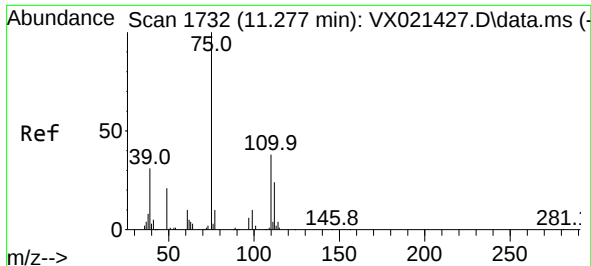
Tgt Ion:117 Resp: 114361
Ion Ratio Lower Upper
117 100
82 60.1 47.4 71.2
119 32.1 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021544.D
Acq: 26 Mar 2021 21:38

Tgt Ion:152 Resp: 49020
Ion Ratio Lower Upper
152 100
115 63.7 41.1 123.3
150 159.9 0.0 349.0

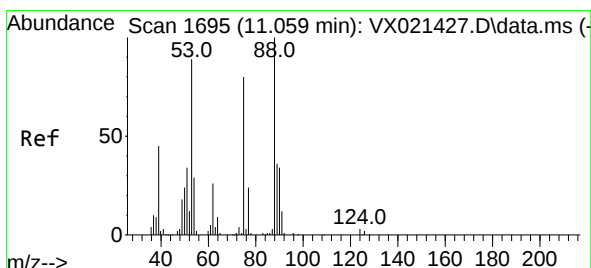
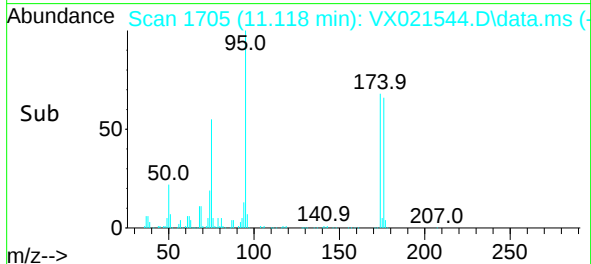
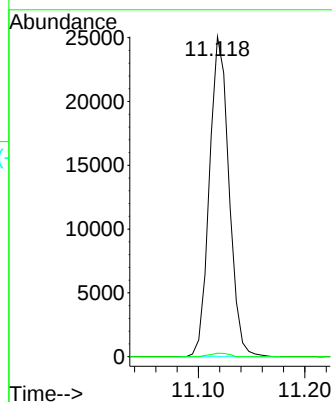
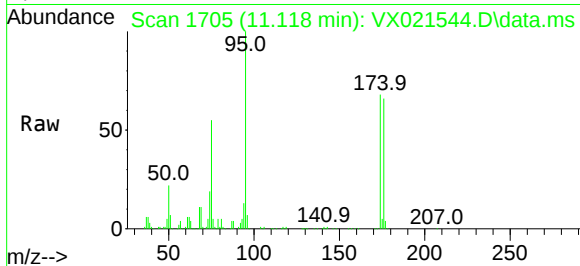




#76
1,2,3-Trichloropropane
Concen: 28.02 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021544.D
Acq: 26 Mar 2021 21:38

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 31978
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.35 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021544.D
Acq: 26 Mar 2021 21:38

Tgt Ion: 75 Resp: 31978
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

