

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032621\
 Data File : VX021554.D
 Acq On : 27 Mar 2021 01:32
 Operator : JC/MD
 Sample : M1787-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 27 04:35:35 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)

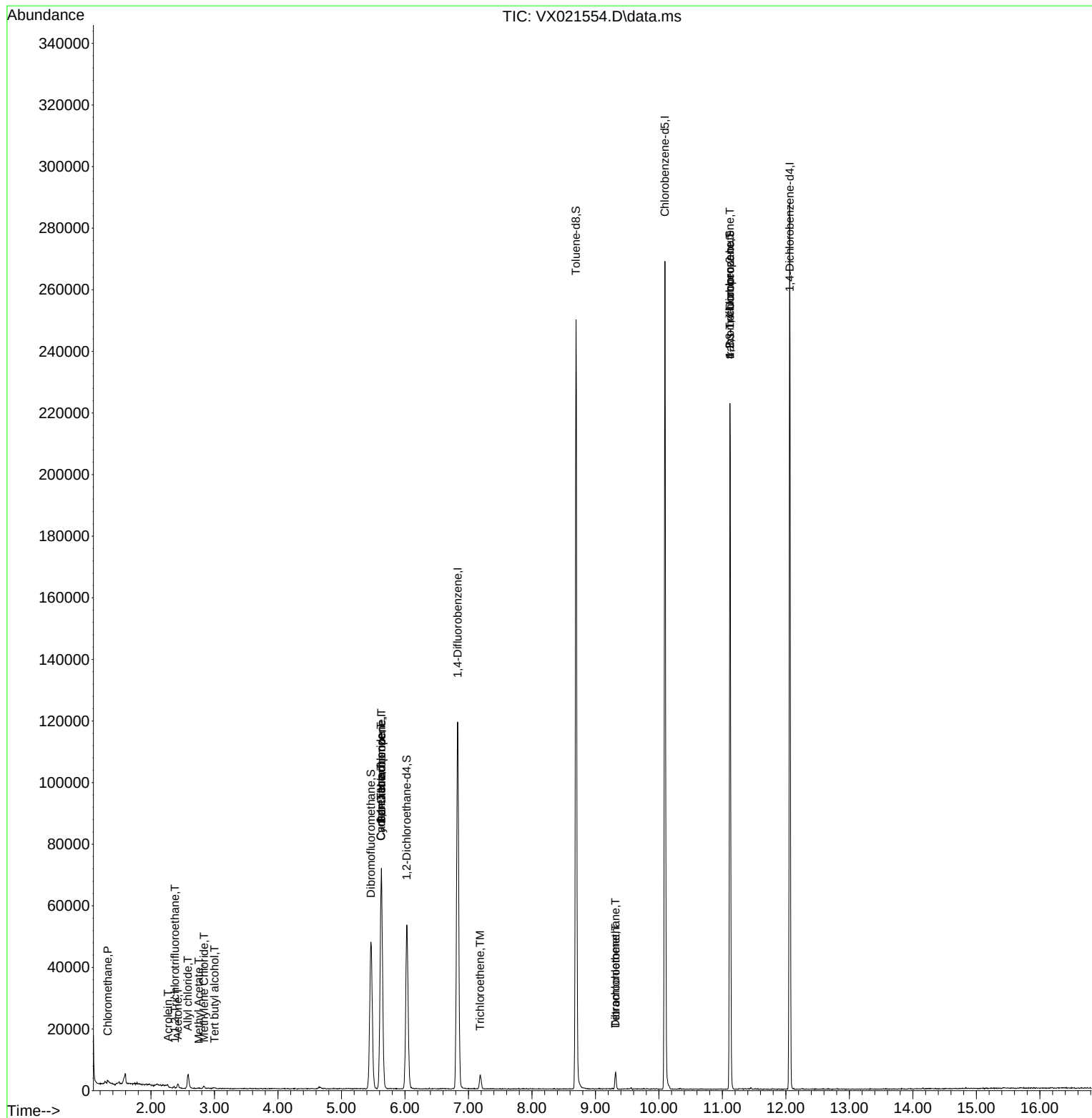
Internal Standards						
1) Pentafluorobenzene	5.629	168	59226	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	110185	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	111617	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	52519	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	51397	52.16	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery	= 104.32%		
35) Dibromofluoromethane	5.464	113	39908	50.99	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 101.98%		
50) Toluene-d8	8.694	98	139146	49.89	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery	= 99.78%		
62) 4-Bromofluorobenzene	11.118	95	56935	52.51	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery	= 105.02%		
Target Compounds						
						Qvalue
3) Chloromethane	1.317	50	1336	1.83	ug/l #	85
9) 1,1,2-Trichlorotrifluo...	2.376	101	168	0.28	ug/l #	67
11) Tert butyl alcohol	2.999	59	207	1.27	ug/l #	73
13) Acrolein	2.270	56	20	4.54	ug/l #	1
14) Allyl chloride	2.582	41	675	0.56	ug/l #	60
16) Acetone	2.423	43	1458	3.91	ug/l	92
18) Methyl Acetate	2.752	43	301	0.28	ug/l #	47
20) Methylene Chloride	2.835	84	348	0.48	ug/l #	91
31) Cyclohexane	5.623	56	1690	1.56	ug/l #	37
36) 1,1-Dichloropropene	5.629	75	5521	5.11	ug/l #	49
38) Carbon Tetrachloride	5.623	117	6808	5.87	ug/l #	17
44) Trichloroethene	7.182	130	1553	1.92	ug/l	94
60) Dibromochloromethane	9.318	129	916	1.02	ug/l #	11
64) Tetrachloroethene	9.318	164	1015	1.36	ug/l	92
76) 1,2,3-Trichloropropane	11.118	75	32227	26.36	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.118	75	32227	80.29	ug/l #	12

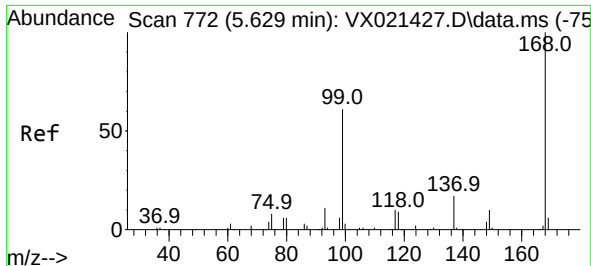
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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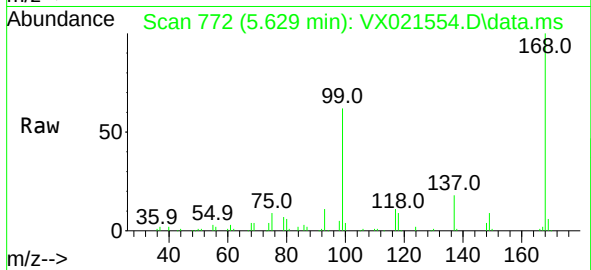
Quant Time: Mar 27 04:35:35 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 24 12:25:26 2021
Response via : Initial Calibration



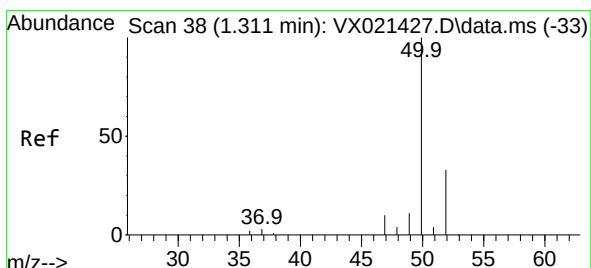
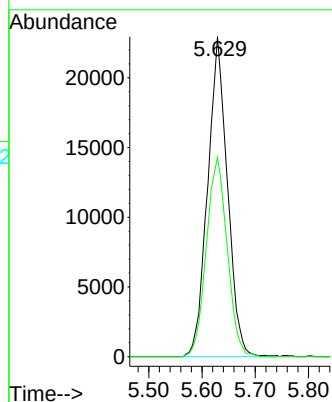
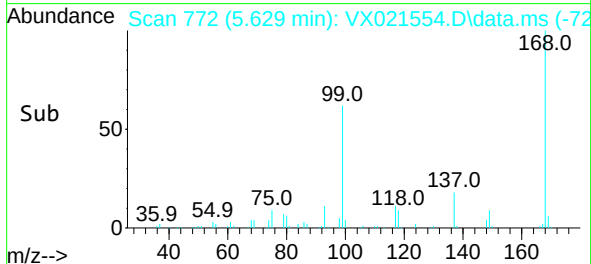


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.000 min
Lab File: VX021554.D
Acq: 27 Mar 2021 01:32

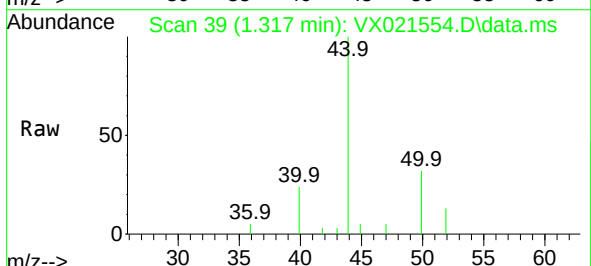
Instrument :
MSVOA_X
ClientSampleId :



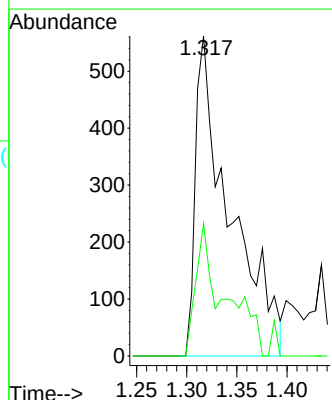
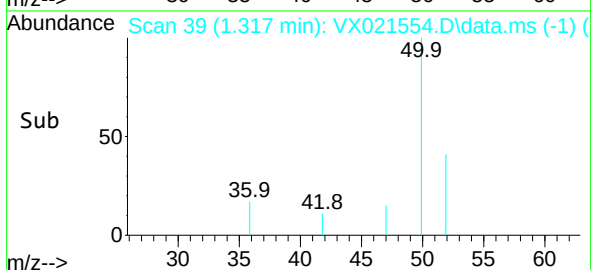
Tgt Ion:168 Resp: 59226
Ion Ratio Lower Upper
168 100
99 62.2 45.8 68.6

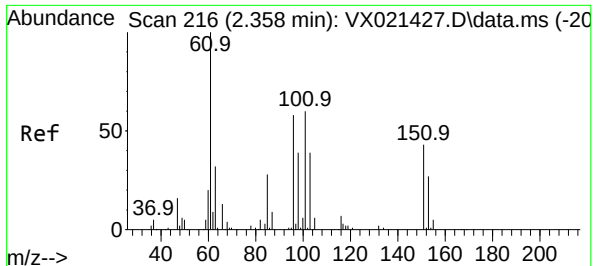


#3
Chloromethane
Concen: 1.83 ug/l
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021554.D
Acq: 27 Mar 2021 01:32



Tgt Ion: 50 Resp: 1336
Ion Ratio Lower Upper
50 100
52 41.3 26.4 39.6#

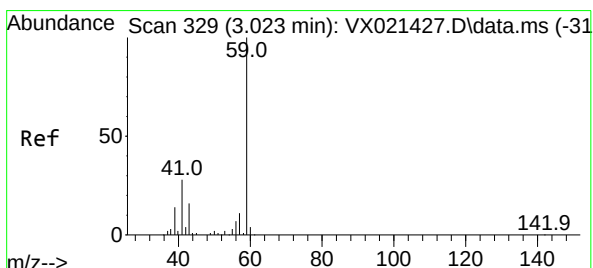
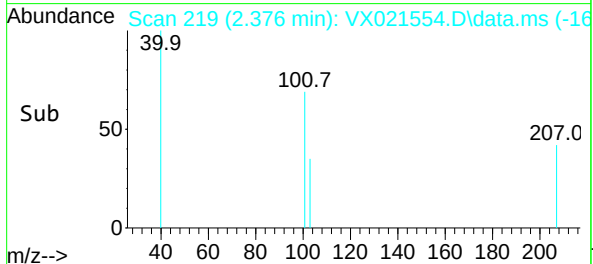
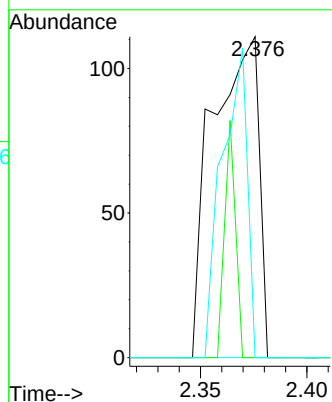
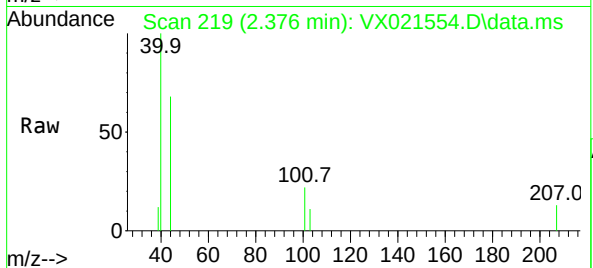




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.28 ug/l
RT: 2.376 min Scan# 219
Delta R.T. 0.018 min
Lab File: VX021554.D
Acq: 27 Mar 2021 01:32

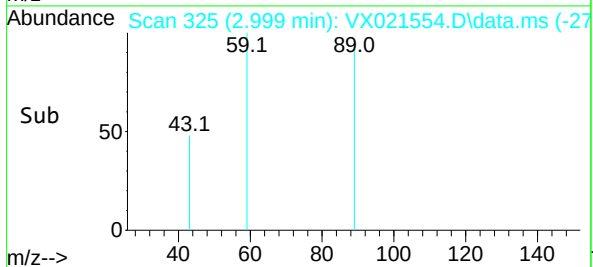
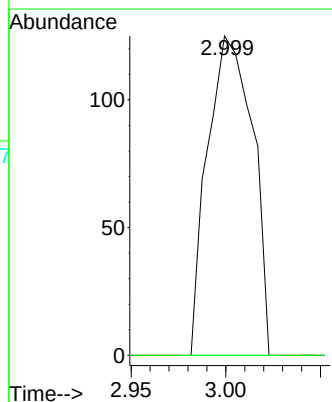
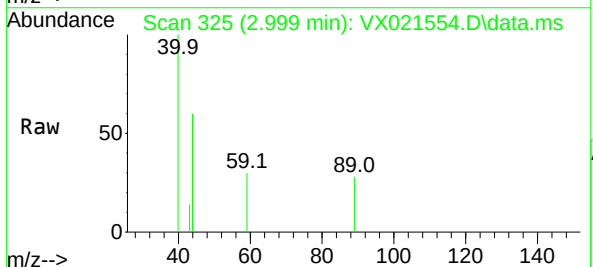
Instrument :
MSVOA_X
ClientSampleId :

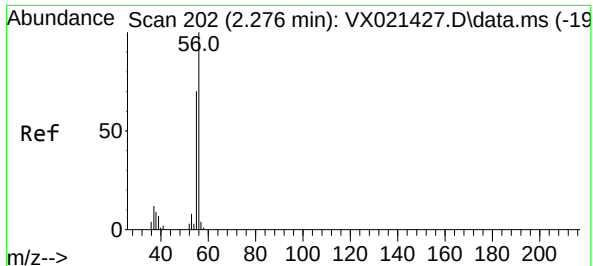
Tgt Ion:101 Resp: 168
Ion Ratio Lower Upper
101 100
85 17.3 34.9 52.3#
151 52.4 61.4 92.2#



#11
Tert butyl alcohol
Concen: 1.27 ug/l
RT: 2.999 min Scan# 325
Delta R.T. -0.024 min
Lab File: VX021554.D
Acq: 27 Mar 2021 01:32

Tgt Ion: 59 Resp: 207
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

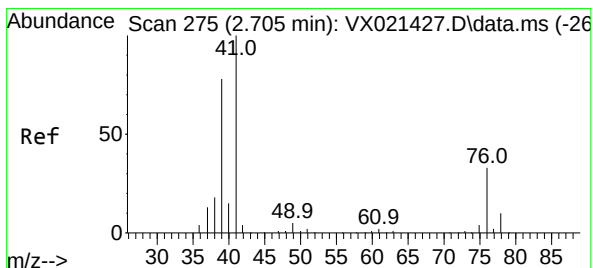
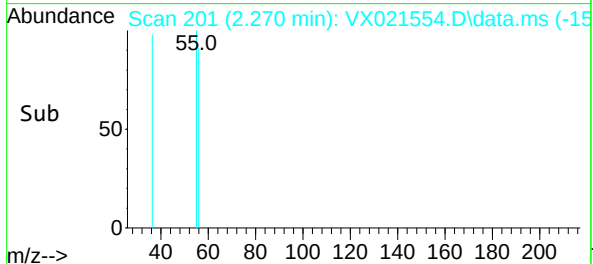
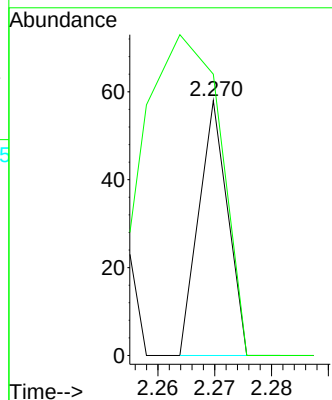
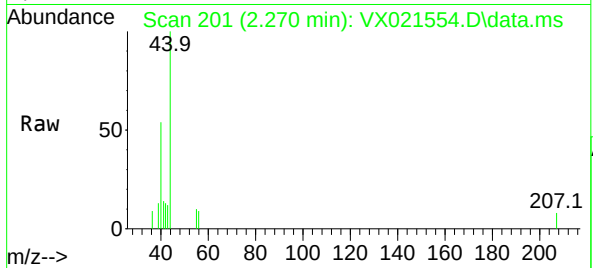




#13
Acrolein
Concen: 4.54 ug/l
RT: 2.270 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX021554.D
Acq: 27 Mar 2021 01:32

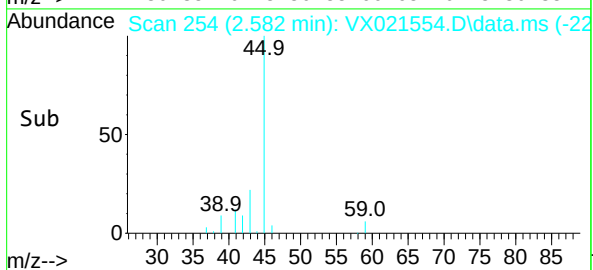
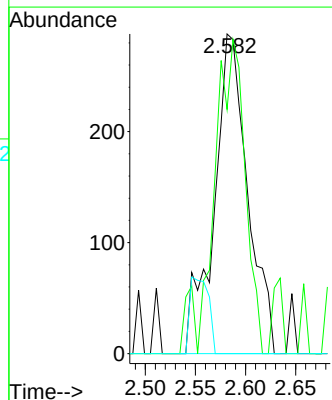
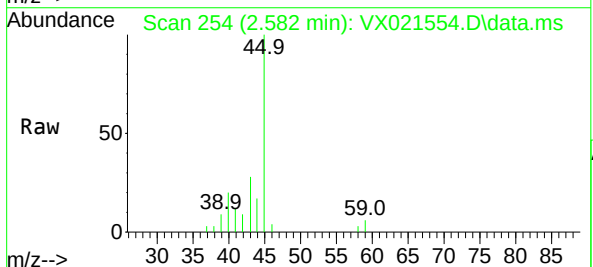
Instrument :
MSVOA_X
ClientSampled :

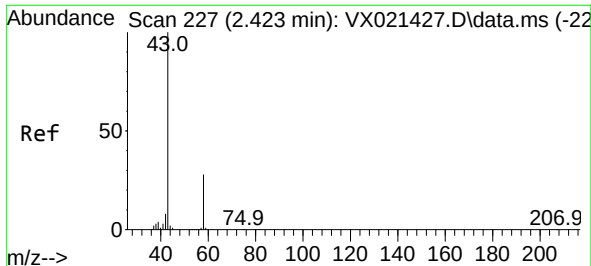
Tgt Ion: 56 Resp: 20
Ion Ratio Lower Upper
56 100
55 340.0 56.4 84.6#



#14
Allyl chloride
Concen: 0.56 ug/l
RT: 2.582 min Scan# 254
Delta R.T. -0.123 min
Lab File: VX021554.D
Acq: 27 Mar 2021 01:32

Tgt Ion: 41 Resp: 675
Ion Ratio Lower Upper
41 100
39 85.8 51.6 77.4#
76 0.0 30.5 45.7#

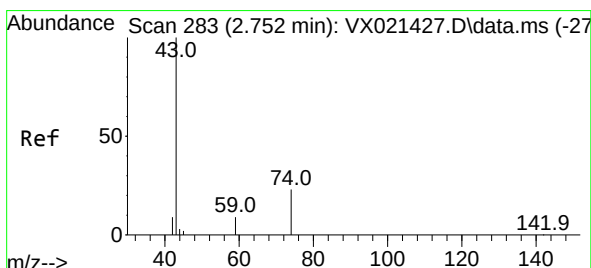
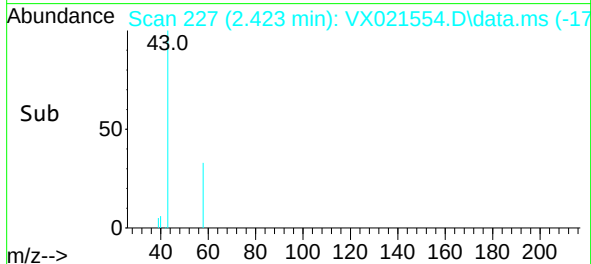
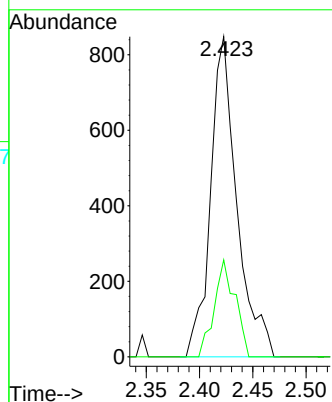
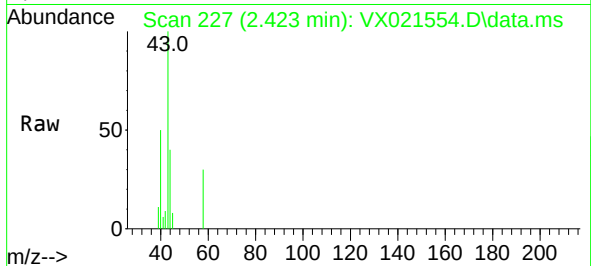




#16
Acetone
Concen: 3.91 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021554.D
Acq: 27 Mar 2021 01:32

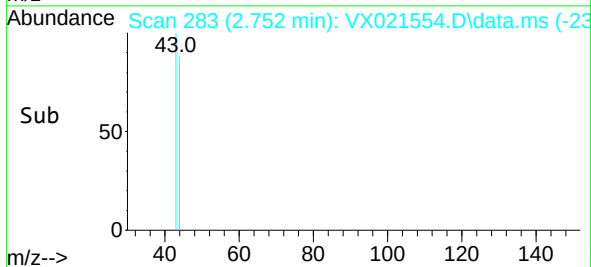
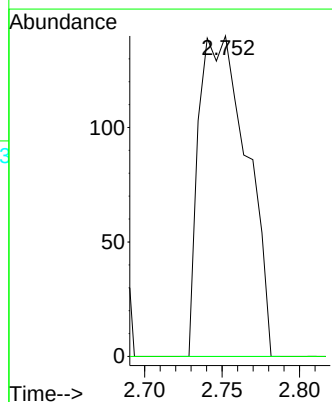
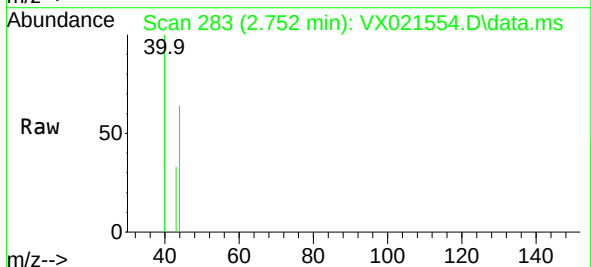
Instrument :
MSVOA_X
ClientSampled :

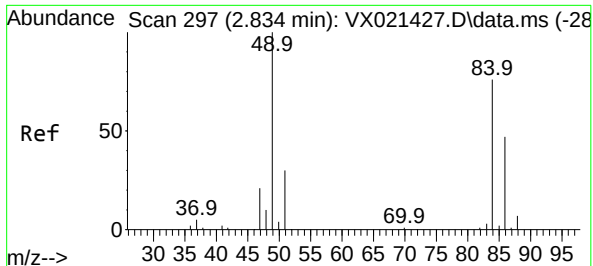
Tgt Ion: 43 Resp: 1458
Ion Ratio Lower Upper
43 100
58 30.3 27.8 41.8



#18
Methyl Acetate
Concen: 0.28 ug/l
RT: 2.752 min Scan# 283
Delta R.T. 0.000 min
Lab File: VX021554.D
Acq: 27 Mar 2021 01:32

Tgt Ion: 43 Resp: 301
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#





#20

Methylene Chloride

Concen: 0.48 ug/l

RT: 2.835 min Scan# 297

Delta R.T. 0.001 min

Lab File: VX021554.D

Acq: 27 Mar 2021 01:32

Tgt Ion: 84 Resp: 348

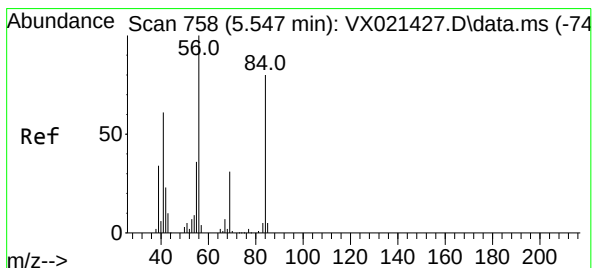
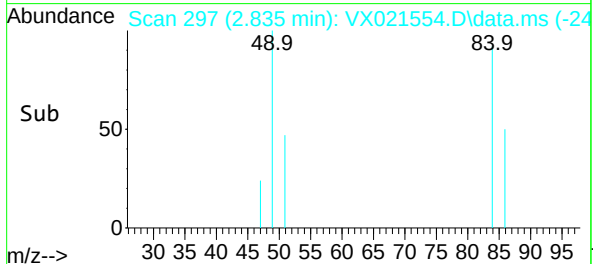
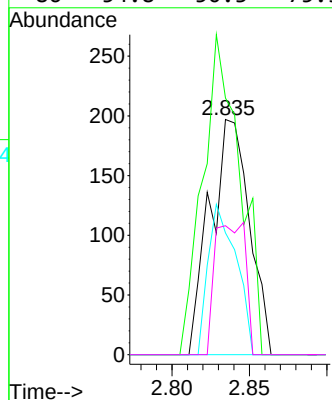
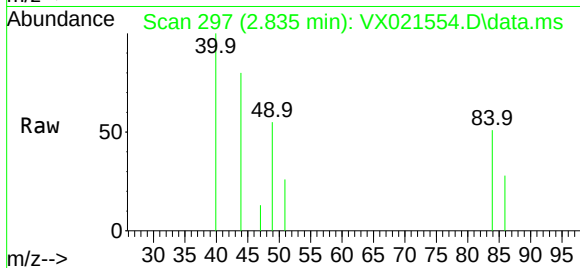
Ion Ratio Lower Upper

84 100

49 109.1 88.6 132.8

51 51.8 27.0 40.6#

86 54.8 50.3 75.5



#31

Cyclohexane

Concen: 1.56 ug/l

RT: 5.623 min Scan# 771

Delta R.T. 0.076 min

Lab File: VX021554.D

Acq: 27 Mar 2021 01:32

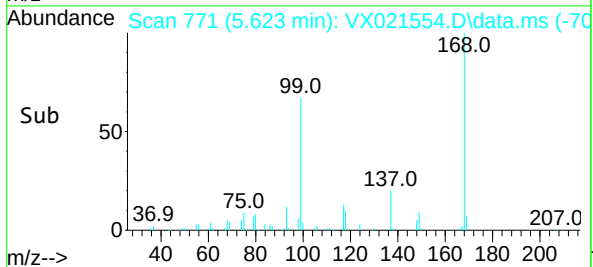
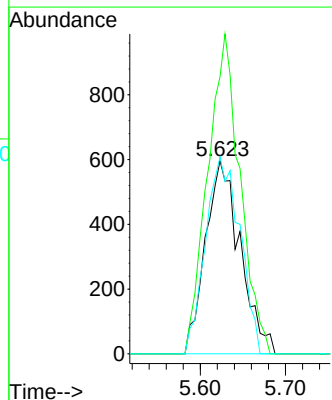
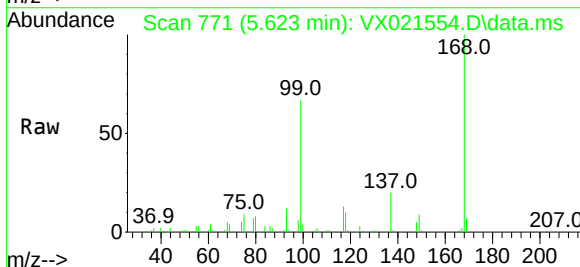
Tgt Ion: 56 Resp: 1690

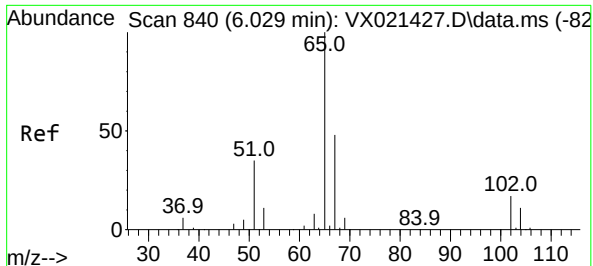
Ion Ratio Lower Upper

56 100

69 143.6 25.3 37.9#

84 102.0 71.4 107.0





#33

1,2-Dichloroethane-d4

Concen: 52.16 ug/l

RT: 6.029 min Scan# 840

Delta R.T. 0.000 min

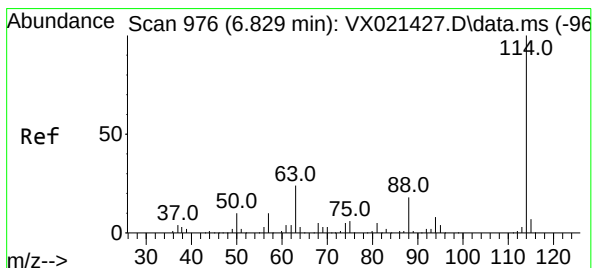
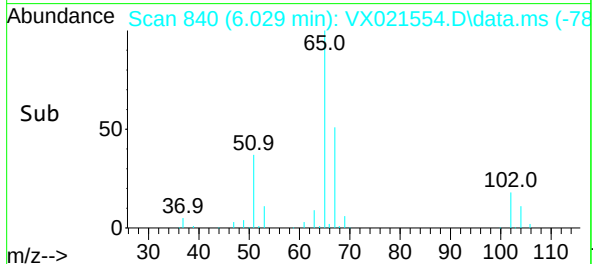
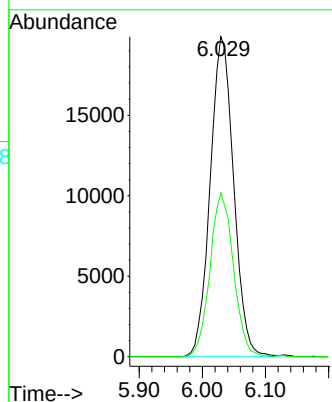
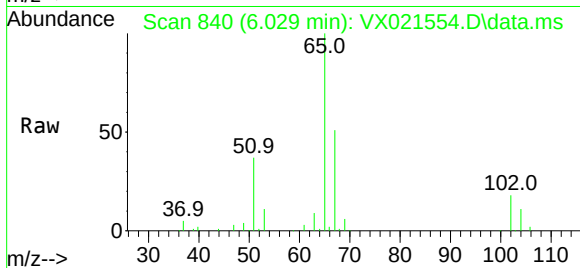
Lab File: VX021554.D

Acq: 27 Mar 2021 01:32

Tgt Ion: 65 Resp: 51397

Ion Ratio Lower Upper

65	100		
67	51.1	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

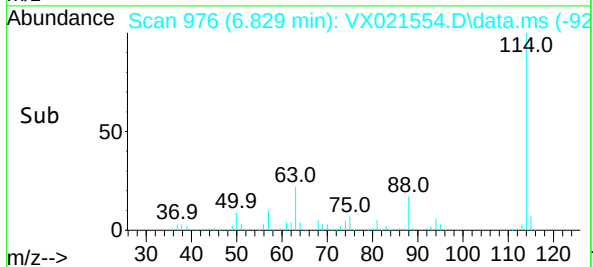
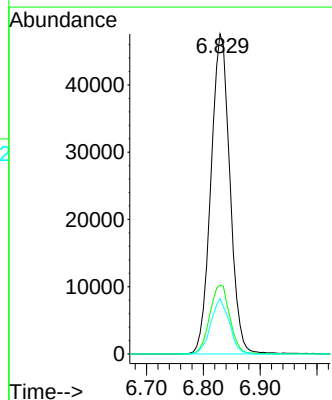
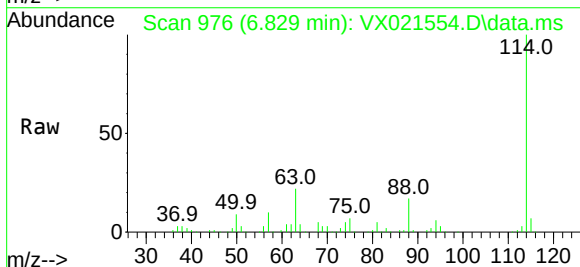
Lab File: VX021554.D

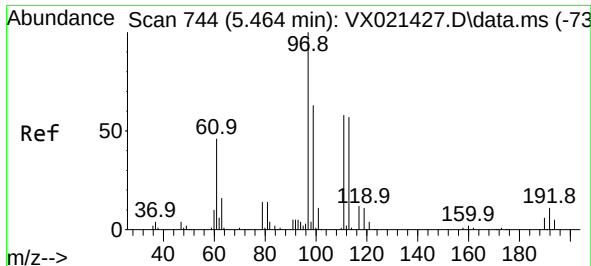
Acq: 27 Mar 2021 01:32

Tgt Ion: 114 Resp: 110185

Ion Ratio Lower Upper

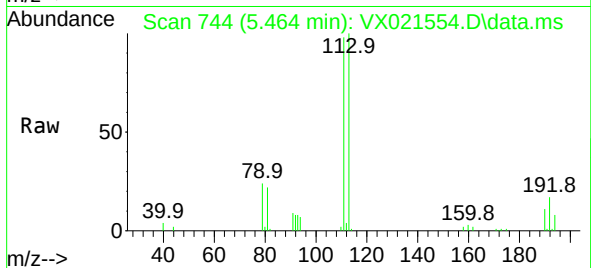
114	100		
63	21.5	0.0	40.8
88	17.3	0.0	32.8



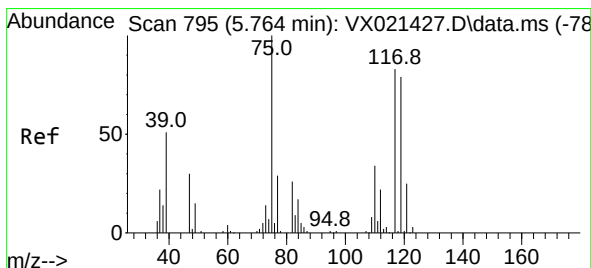
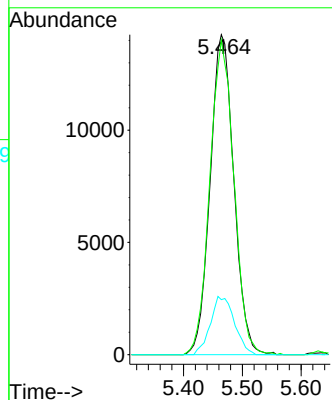
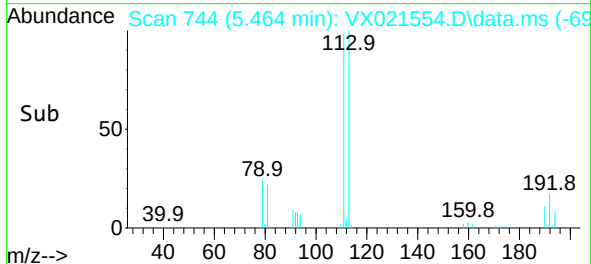


#35
Dibromofluoromethane
Concen: 50.99 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021554.D
Acq: 27 Mar 2021 01:32

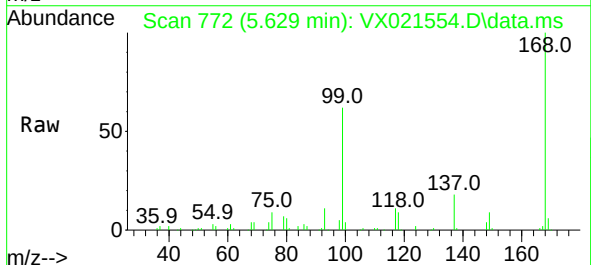
Instrument :
MSVOA_X
ClientSampled :



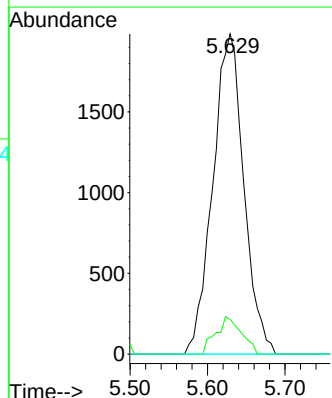
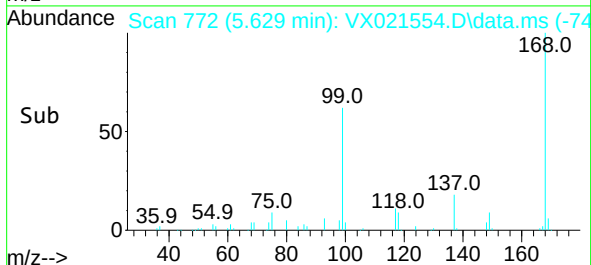
Tgt Ion:113 Resp: 39908
Ion Ratio Lower Upper
113 100
111 99.9 81.9 122.9
192 18.4 16.7 25.1

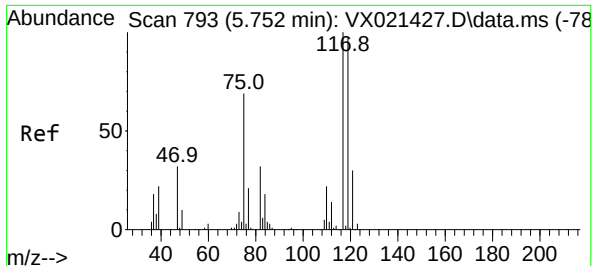


#36
1,1-Dichloropropene
Concen: 5.11 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.135 min
Lab File: VX021554.D
Acq: 27 Mar 2021 01:32



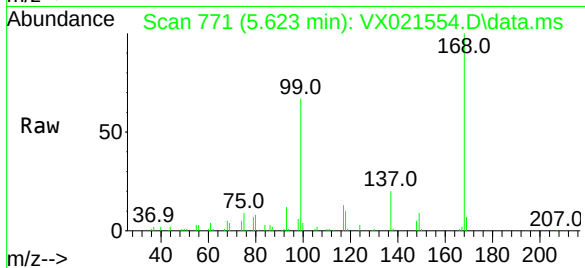
Tgt Ion: 75 Resp: 5521
Ion Ratio Lower Upper
75 100
110 9.6 18.1 54.4#
77 0.0 25.3 37.9#



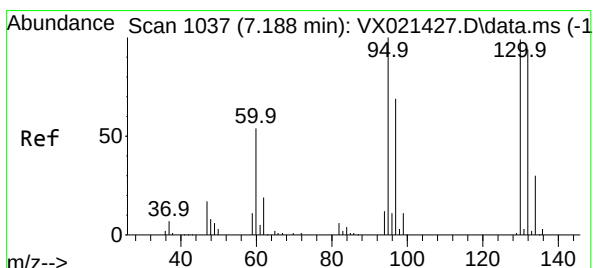
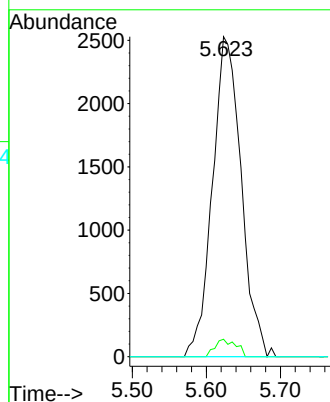
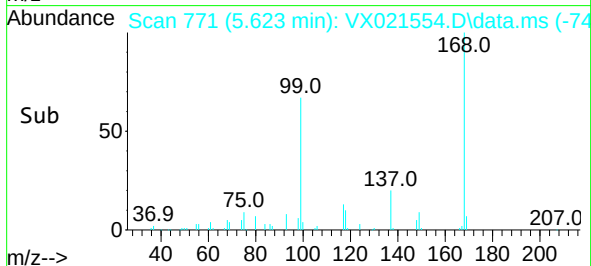


#38
Carbon Tetrachloride
Concen: 5.87 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.129 min
Lab File: VX021554.D
Acq: 27 Mar 2021 01:32

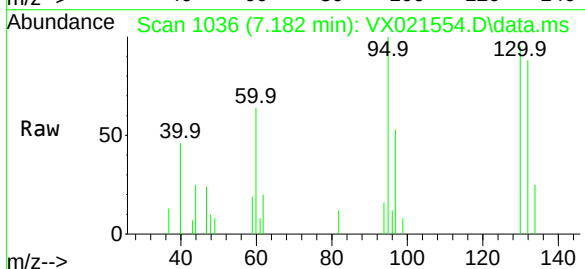
Instrument :
MSVOA_X
ClientSampleId :



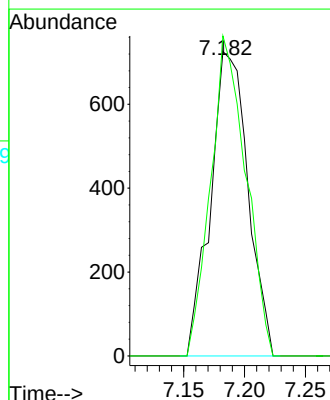
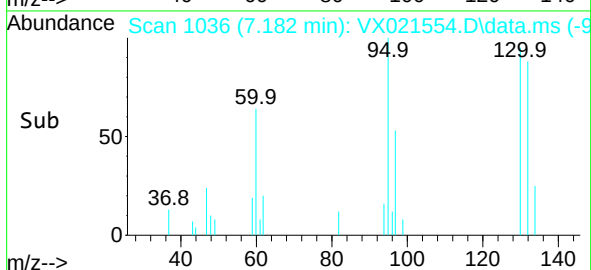
Tgt Ion:117 Resp: 6808
Ion Ratio Lower Upper
117 100
119 5.5 76.2 114.2#
121 0.0 24.8 37.2#

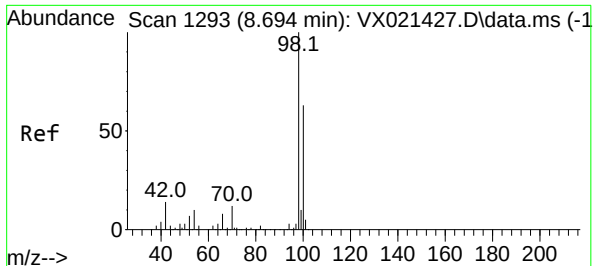


#44
Trichloroethene
Concen: 1.92 ug/l
RT: 7.182 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VX021554.D
Acq: 27 Mar 2021 01:32



Tgt Ion:130 Resp: 1553
Ion Ratio Lower Upper
130 100
95 105.1 0.0 198.0

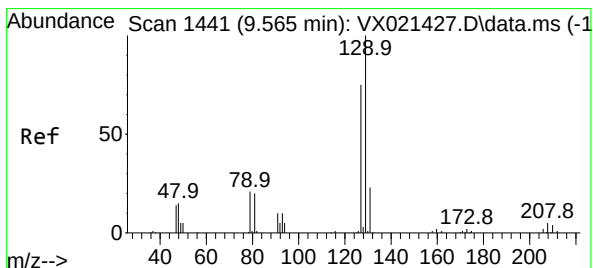
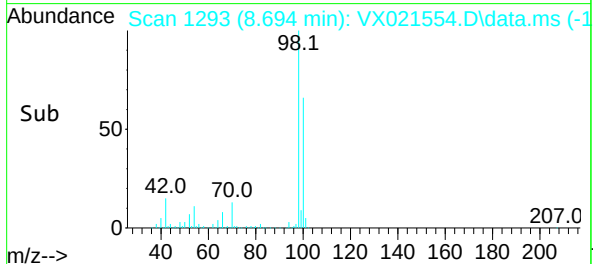
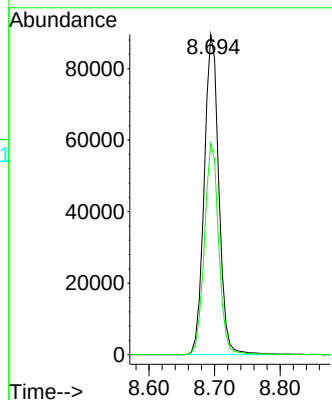
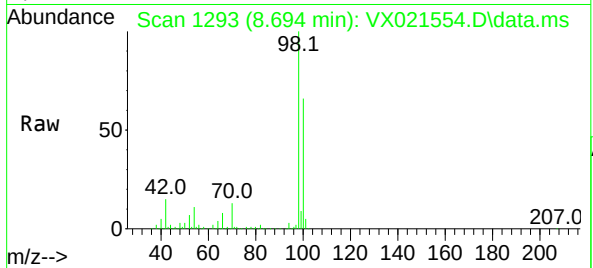




#50
Toluene-d8
Concen: 49.89 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021554.D
Acq: 27 Mar 2021 01:32

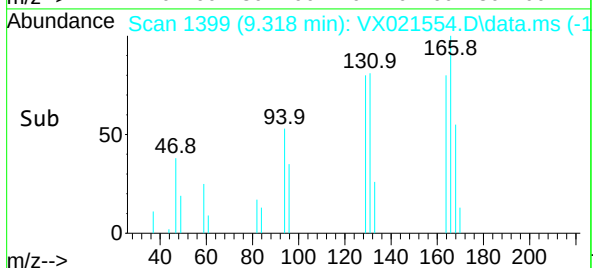
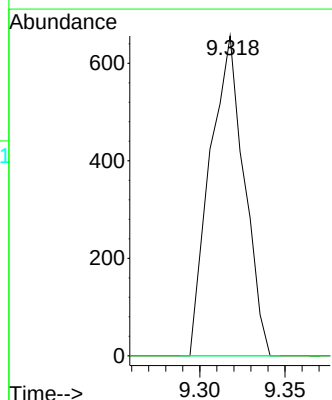
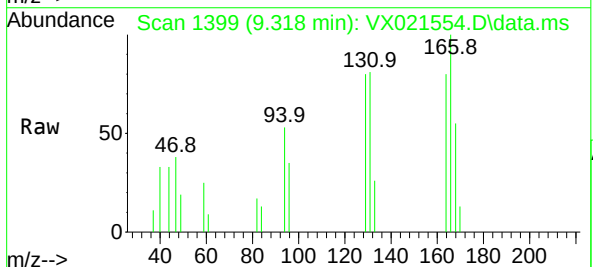
Instrument :
MSVOA_X
ClientSampled :

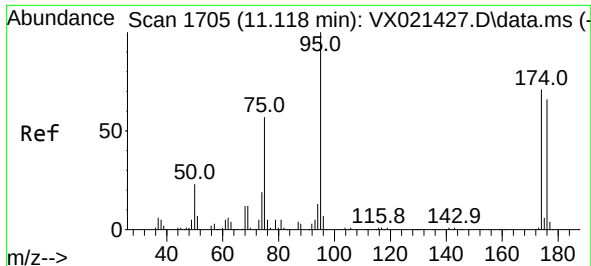
Tgt Ion: 98 Resp: 139146
Ion Ratio Lower Upper
98 100
100 65.0 51.9 77.9



#60
Dibromochloromethane
Concen: 1.02 ug/l
RT: 9.318 min Scan# 1399
Delta R.T. -0.247 min
Lab File: VX021554.D
Acq: 27 Mar 2021 01:32

Tgt Ion: 129 Resp: 916
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

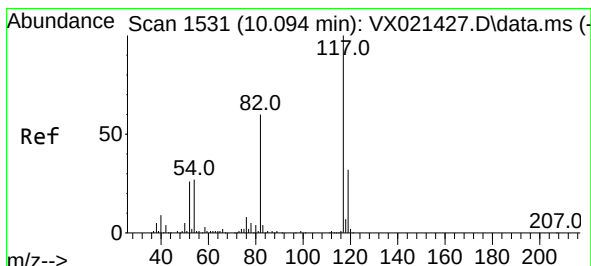
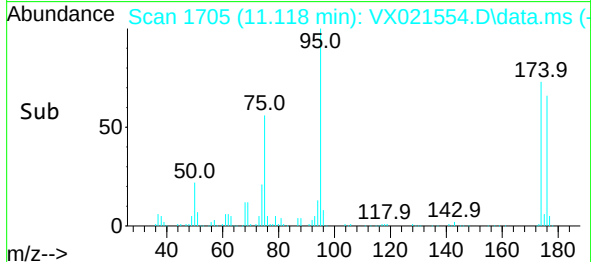
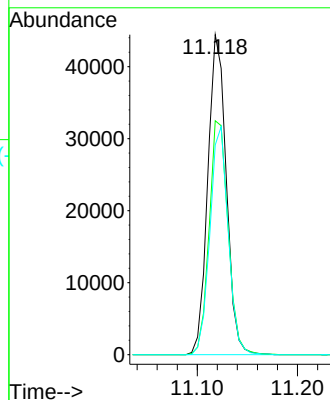
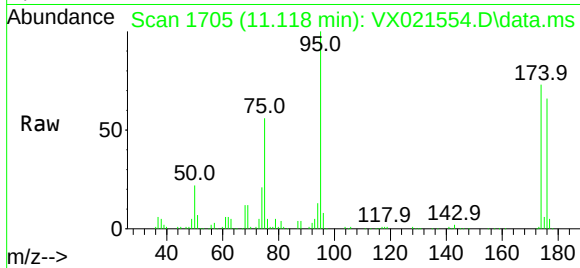




#62
4-Bromofluorobenzene
Concen: 52.51 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021554.D
Acq: 27 Mar 2021 01:32

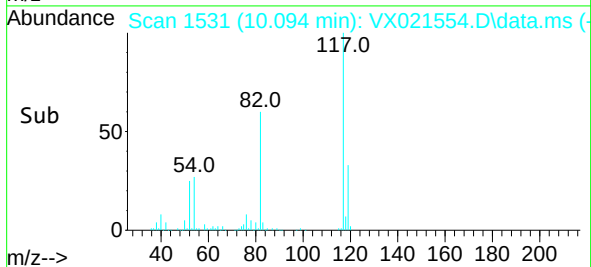
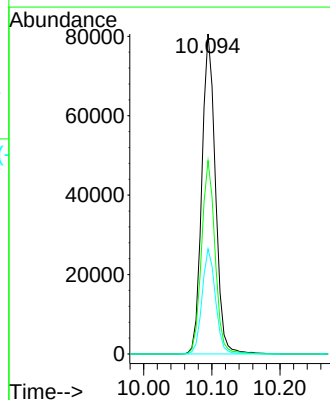
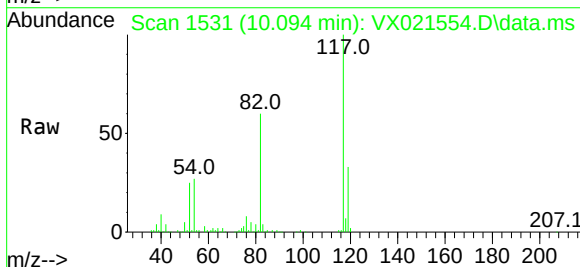
Instrument :
MSVOA_X
ClientSampleId :

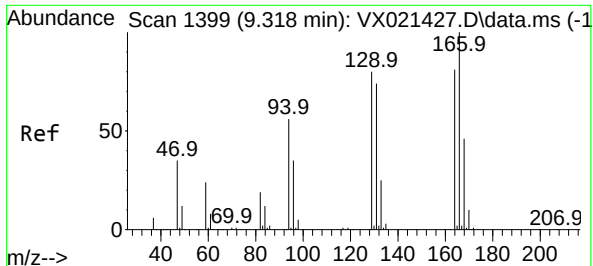
Tgt Ion: 95 Resp: 56935
Ion Ratio Lower Upper
95 100
174 75.0 0.0 154.6
176 70.6 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021554.D
Acq: 27 Mar 2021 01:32

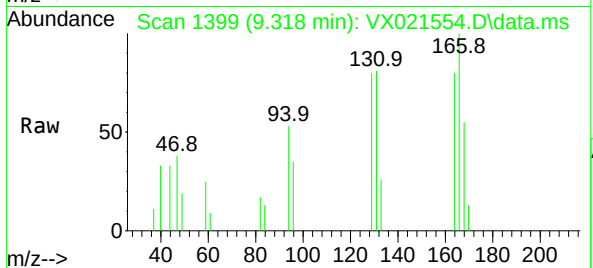
Tgt Ion: 117 Resp: 111617
Ion Ratio Lower Upper
117 100
82 60.4 47.4 71.2
119 32.8 26.6 39.8



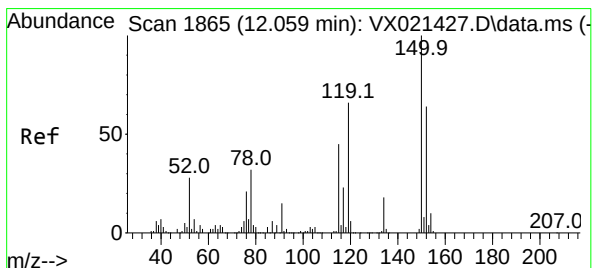
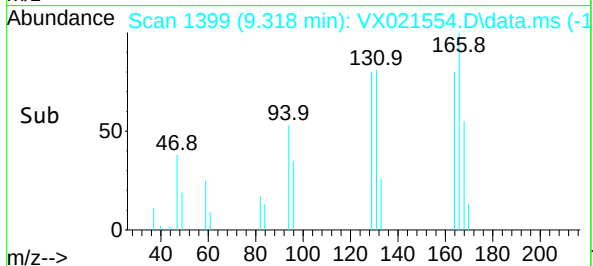
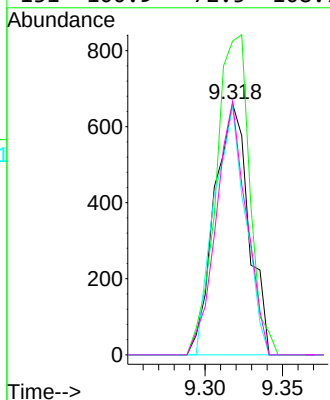


#64
Tetrachloroethene
Concen: 1.36 ug/l
RT: 9.318 min Scan# 1399
Delta R.T. -0.000 min
Lab File: VX021554.D
Acq: 27 Mar 2021 01:32

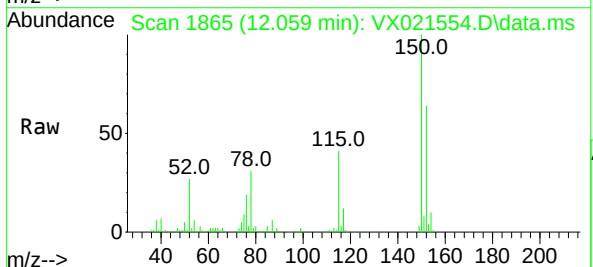
Instrument :
MSVOA_X
ClientSampled :



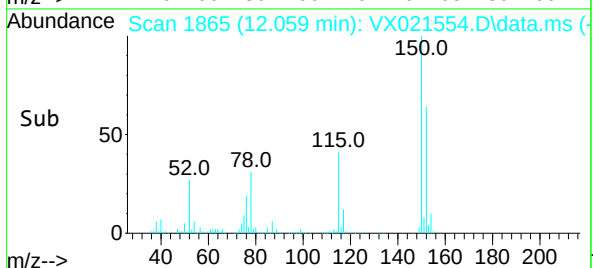
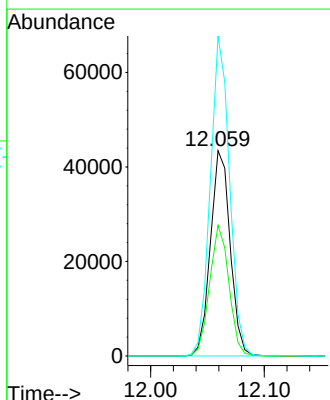
Tgt Ion:164	Resp:	1015
Ion	Ratio	Lower Upper
164	100	
166	125.0	103.4 155.2
129	99.4	70.8 106.2
131	100.9	72.5 108.7

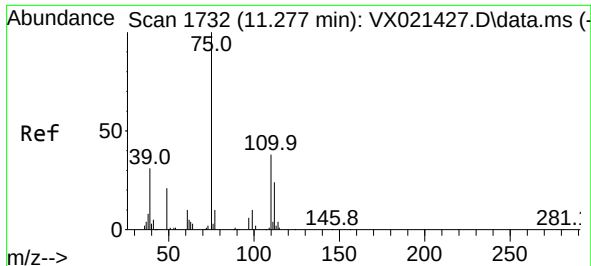


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021554.D
Acq: 27 Mar 2021 01:32



Tgt Ion:152	Resp:	52519
Ion	Ratio	Lower Upper
152	100	
115	62.0	41.1 123.3
150	151.9	0.0 349.0

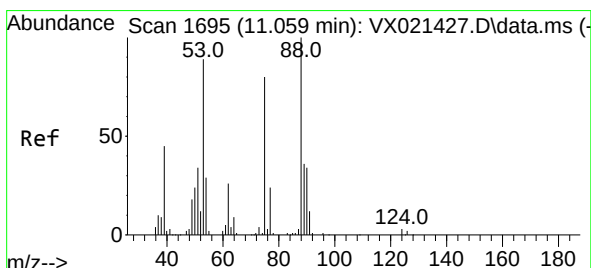
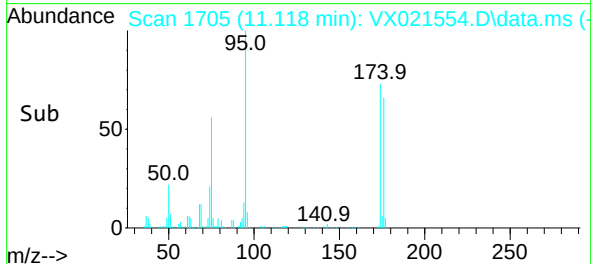
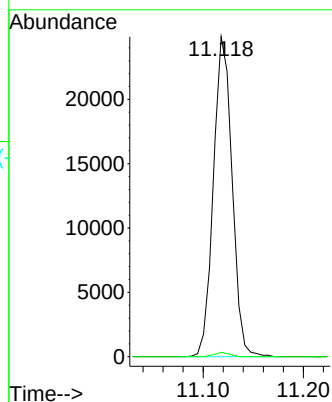
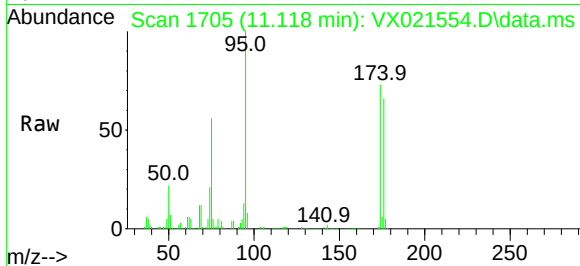




#76
1,2,3-Trichloropropane
Concen: 26.36 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021554.D
Acq: 27 Mar 2021 01:32

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 32227
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 80.29 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021554.D
Acq: 27 Mar 2021 01:32

Tgt Ion: 75 Resp: 32227
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#

