

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032621\
 Data File : VX021549.D
 Acq On : 26 Mar 2021 23:35
 Operator : JC/MD
 Sample : M1787-17 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 27 04:34:28 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)

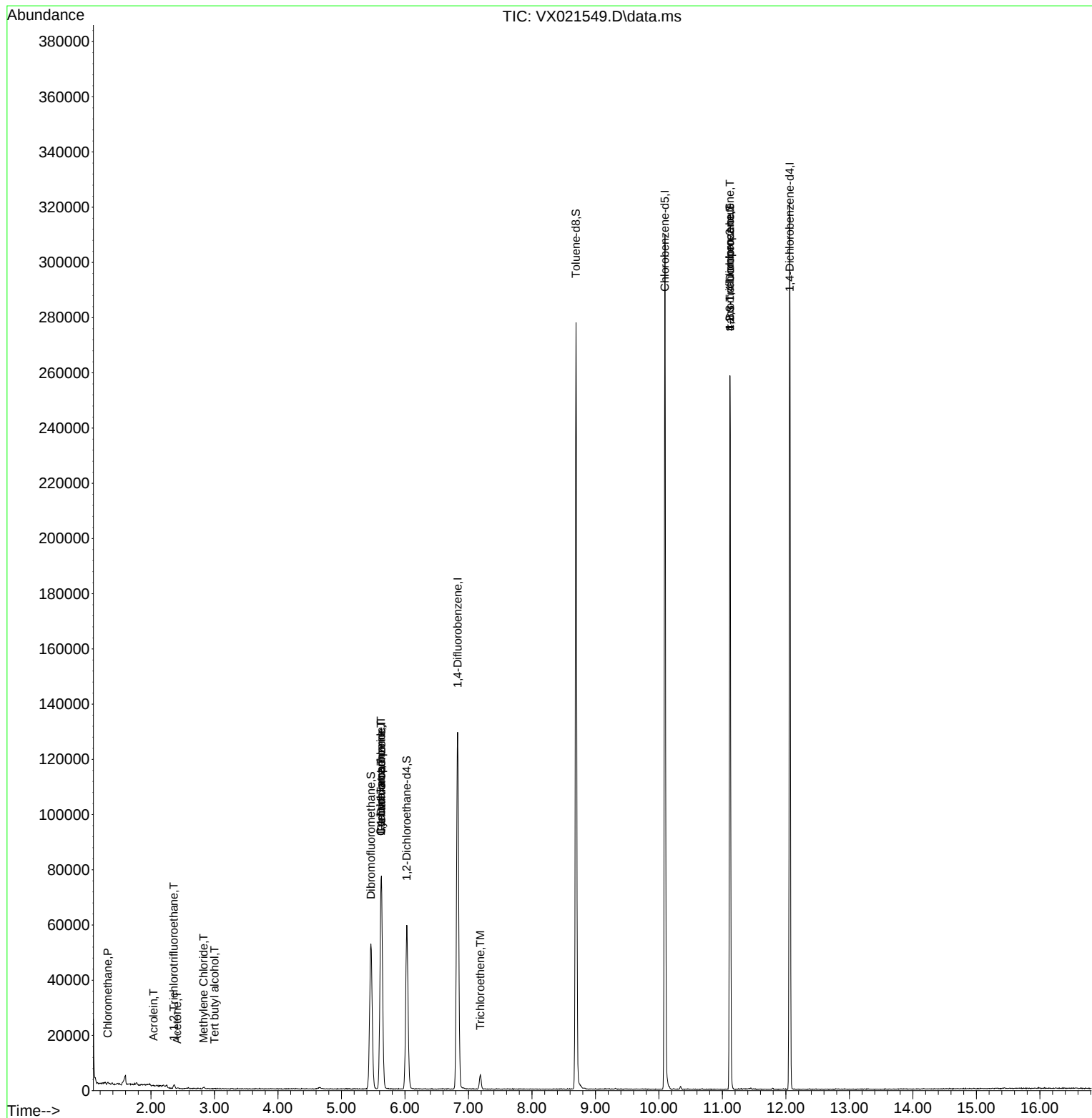
Internal Standards						
1) Pentafluorobenzene	5.629	168	67792	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	122709	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	126498	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	58362	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	57157	50.67	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.34%
35) Dibromofluoromethane	5.464	113	43526	49.94	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.88%
50) Toluene-d8	8.694	98	154905	49.87	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.74%
62) 4-Bromofluorobenzene	11.118	95	65903	54.57	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.14%
Target Compounds						Qvalue
3) Chloromethane	1.317	50	1217	1.46	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.358	101	558	0.80	ug/l	95
11) Tert butyl alcohol	2.999	59	41	0.22	ug/l #	73
13) Acrolein	2.040	56	22	4.53	ug/l #	1
16) Acetone	2.411	43	401	0.94	ug/l #	40
20) Methylene Chloride	2.829	84	246	0.30	ug/l #	58
31) Cyclohexane	5.623	56	1839	1.48	ug/l #	10
36) 1,1-Dichloropropene	5.623	75	6128	5.10	ug/l #	49
38) Carbon Tetrachloride	5.623	117	7472	5.78	ug/l #	16
44) Trichloroethene	7.188	130	1721	1.91	ug/l	97
76) 1,2,3-Trichloropropane	11.118	75	37241	27.41	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	37241	83.49	ug/l #	12

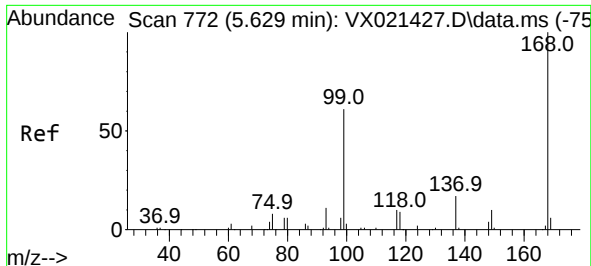
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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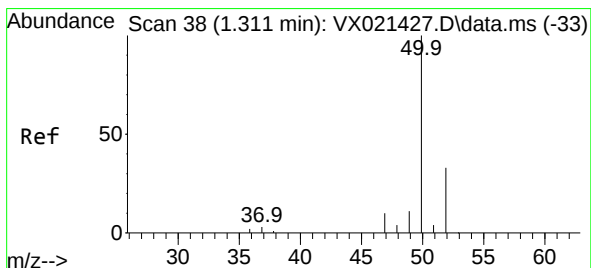
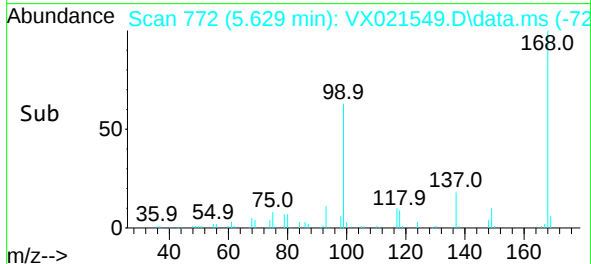
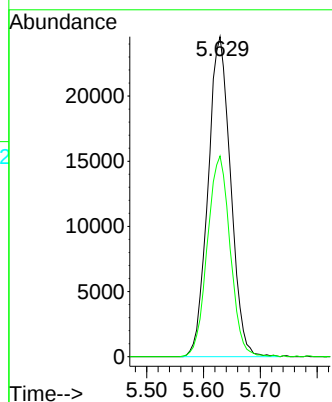
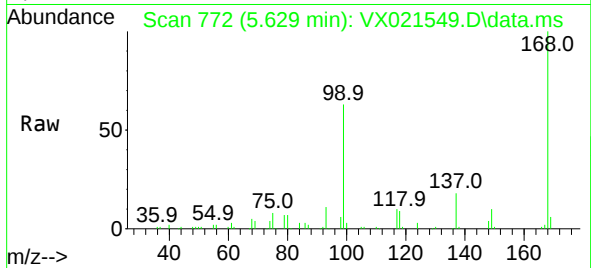




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.000 min
Lab File: VX021549.D
Acq: 26 Mar 2021 23:35

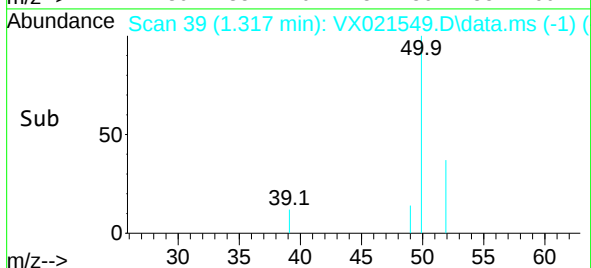
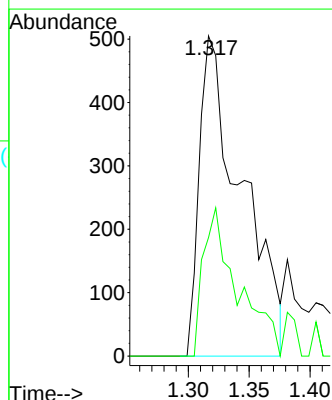
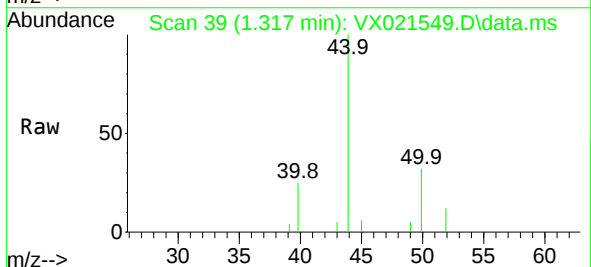
Instrument :
MSVOA_X
ClientSampleId :

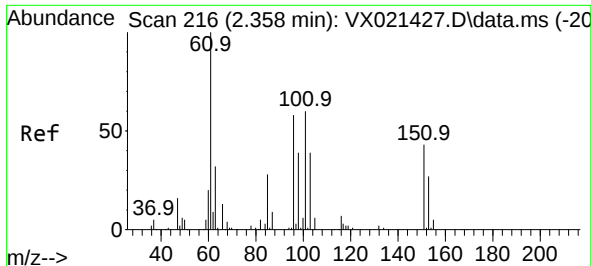
Tgt Ion:168 Resp: 67792
Ion Ratio Lower Upper
168 100
99 62.7 45.8 68.6



#3
Chloromethane
Concen: 1.46 ug/l
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021549.D
Acq: 26 Mar 2021 23:35

Tgt Ion: 50 Resp: 1217
Ion Ratio Lower Upper
50 100
52 37.0 26.4 39.6

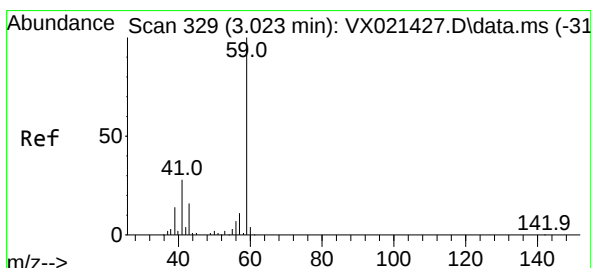
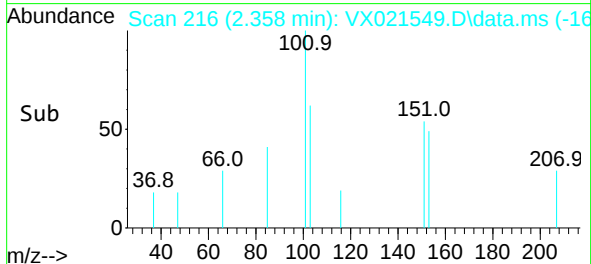
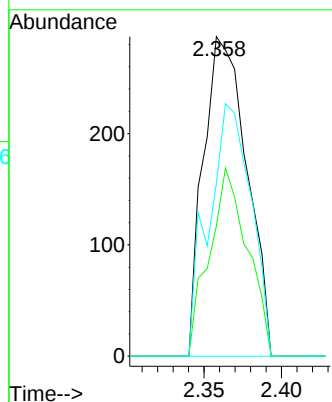
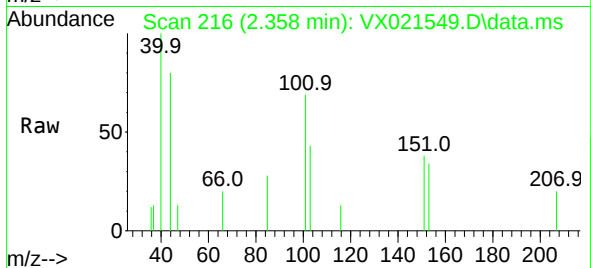




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.80 ug/l
RT: 2.358 min Scan# 216
Delta R.T. -0.000 min
Lab File: VX021549.D
Acq: 26 Mar 2021 23:35

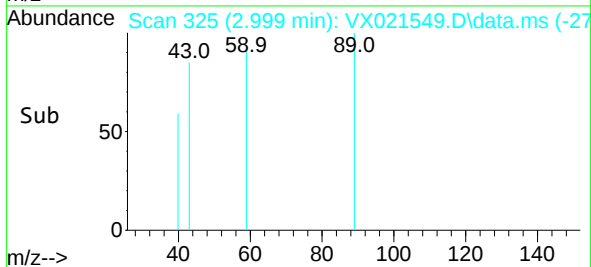
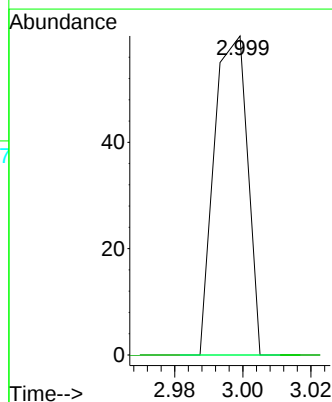
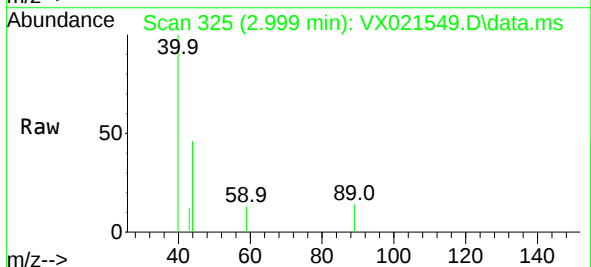
Instrument :
MSVOA_X
ClientSampleId :

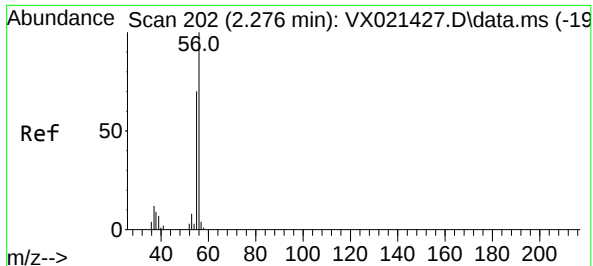
Tgt Ion:101 Resp: 558
Ion Ratio Lower Upper
101 100
85 51.8 34.9 52.3
151 77.1 61.4 92.2



#11
Tert butyl alcohol
Concen: 0.22 ug/l
RT: 2.999 min Scan# 325
Delta R.T. -0.024 min
Lab File: VX021549.D
Acq: 26 Mar 2021 23:35

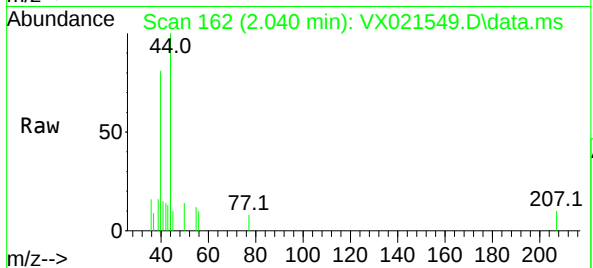
Tgt Ion: 59 Resp: 41
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



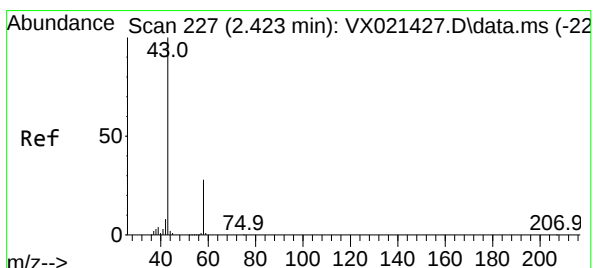
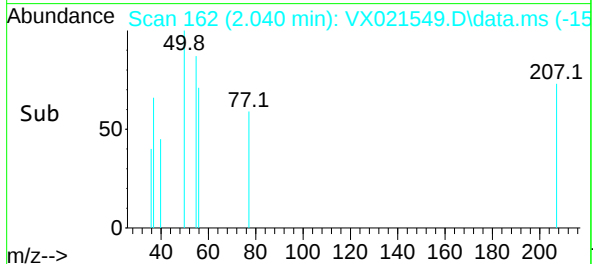
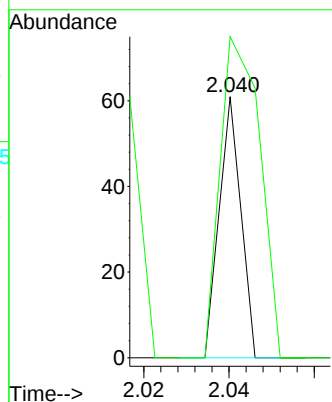


#13
Acrolein
Concen: 4.53 ug/l
RT: 2.040 min Scan# 162
Delta R.T. -0.236 min
Lab File: VX021549.D
Acq: 26 Mar 2021 23:35

Instrument :
MSVOA_X
ClientSampleId :

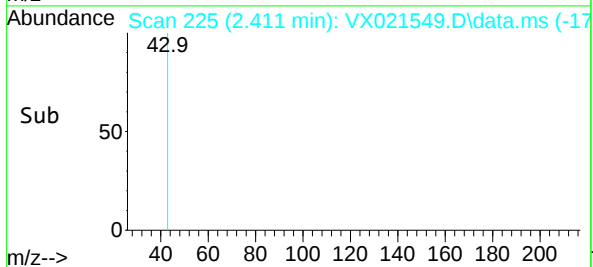
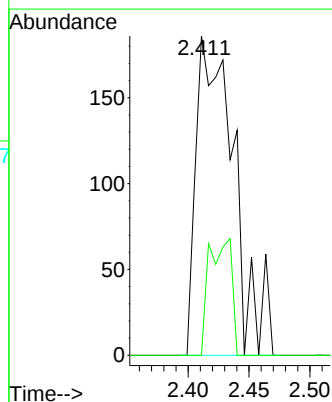
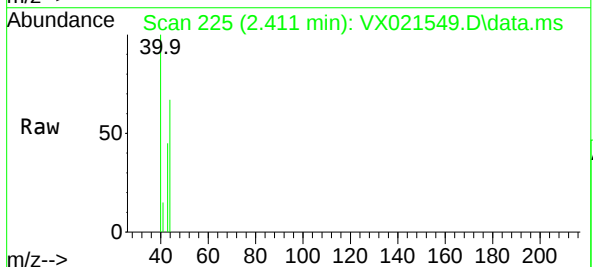


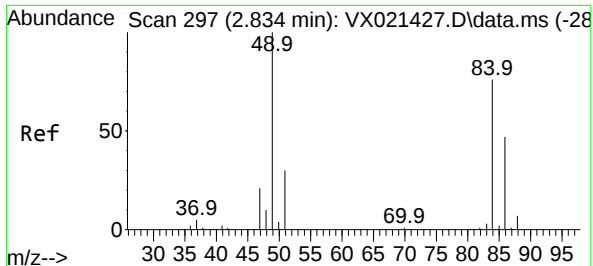
Tgt Ion: 56 Resp: 22
Ion Ratio Lower Upper
56 100
55 222.7 56.4 84.6#



#16
Acetone
Concen: 0.94 ug/l
RT: 2.411 min Scan# 225
Delta R.T. -0.012 min
Lab File: VX021549.D
Acq: 26 Mar 2021 23:35

Tgt Ion: 43 Resp: 401
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#





#20

Methylene Chloride

Concen: 0.30 ug/l

RT: 2.829 min Scan# 296

Delta R.T. -0.005 min

Lab File: VX021549.D

Acq: 26 Mar 2021 23:35

Tgt Ion: 84 Resp: 246

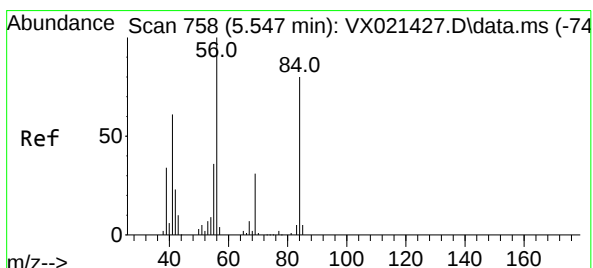
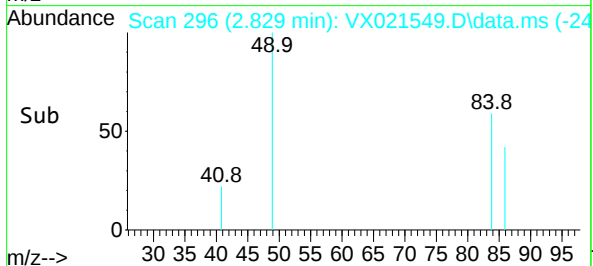
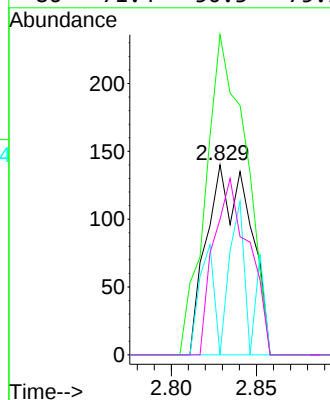
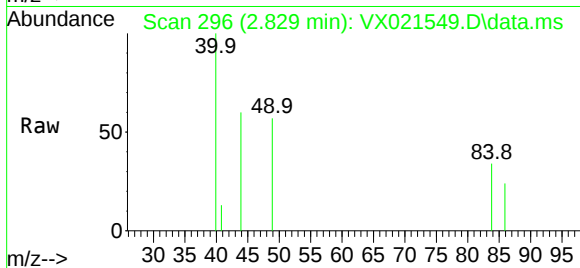
Ion Ratio Lower Upper

84 100

49 168.6 88.6 132.8#

51 0.0 27.0 40.6#

86 71.4 50.3 75.5



#31

Cyclohexane

Concen: 1.48 ug/l

RT: 5.623 min Scan# 771

Delta R.T. 0.076 min

Lab File: VX021549.D

Acq: 26 Mar 2021 23:35

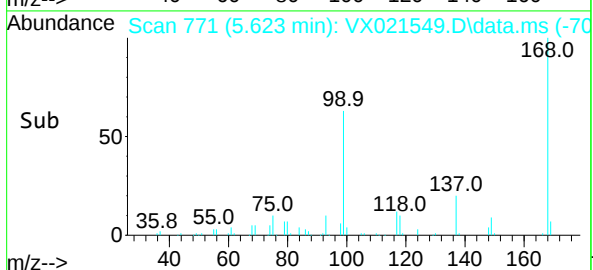
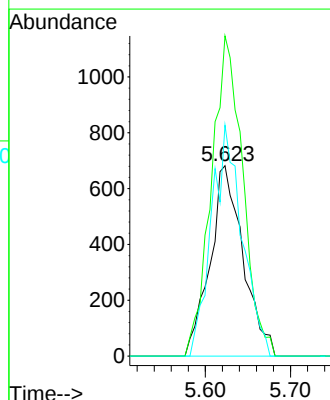
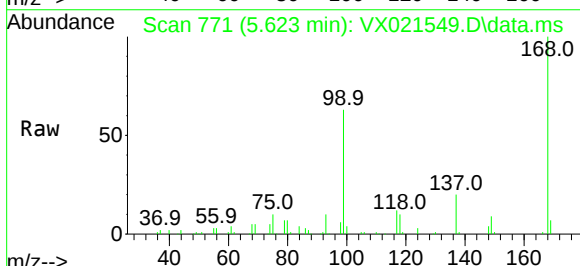
Tgt Ion: 56 Resp: 1839

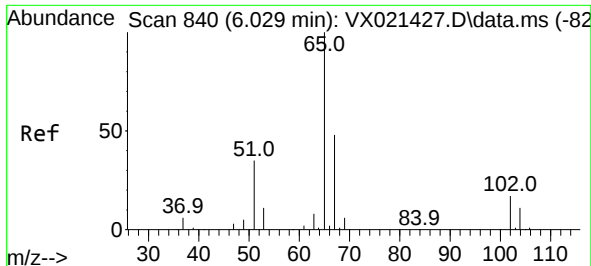
Ion Ratio Lower Upper

56 100

69 168.2 25.3 37.9#

84 121.3 71.4 107.0#

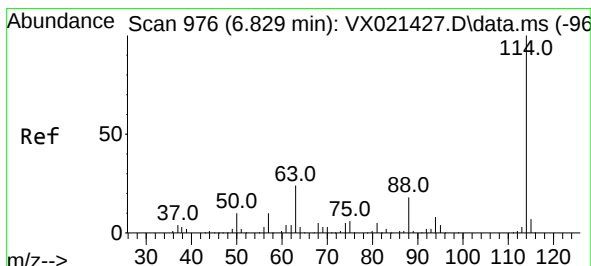
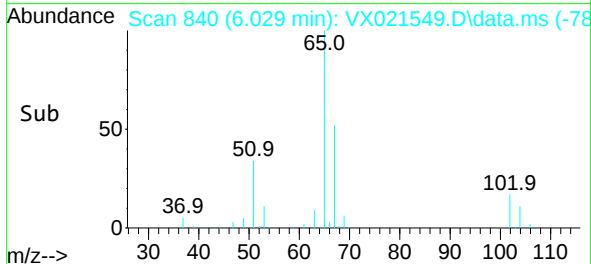
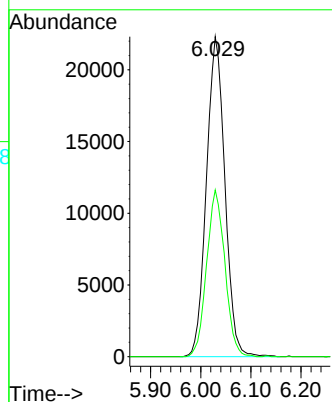
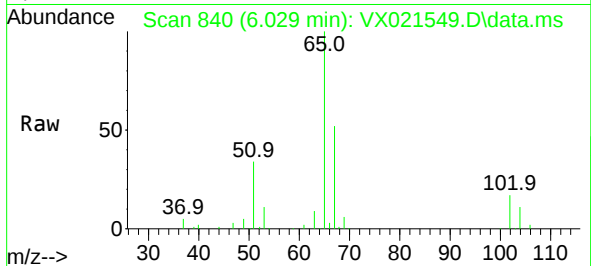




#33
1,2-Dichloroethane-d4
Concen: 50.67 ug/l
RT: 6.029 min Scan# 840
Delta R.T. 0.000 min
Lab File: VX021549.D
Acq: 26 Mar 2021 23:35

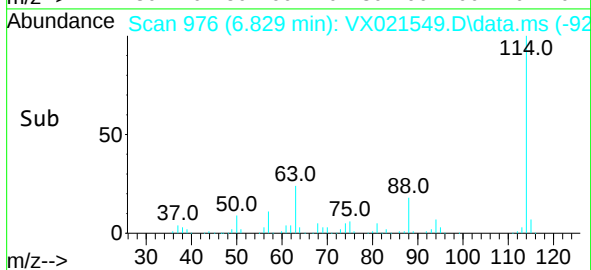
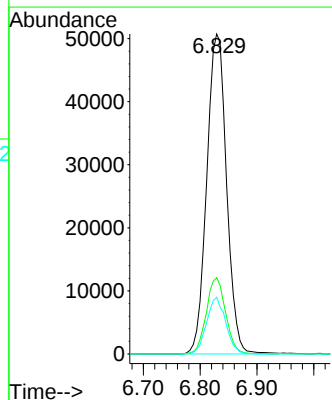
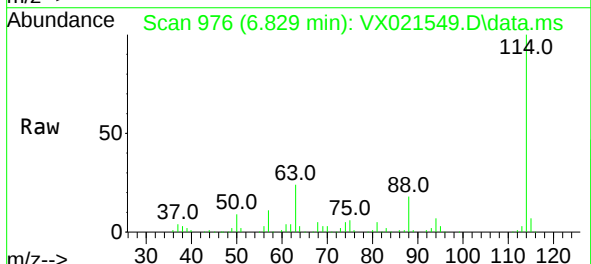
Instrument :
MSVOA_X
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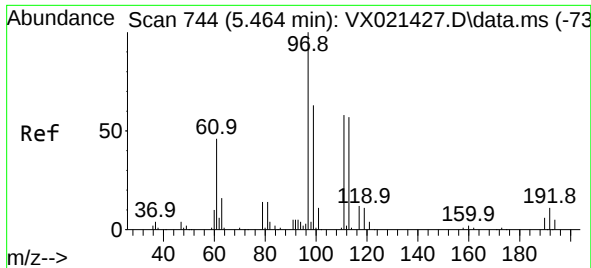
Tgt Ion: 65 Resp: 57157
Ion Ratio Lower Upper
65 100
67 51.5 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX021549.D
Acq: 26 Mar 2021 23:35

Tgt Ion: 114 Resp: 122709
Ion Ratio Lower Upper
114 100
63 23.9 0.0 40.8
88 17.7 0.0 32.8

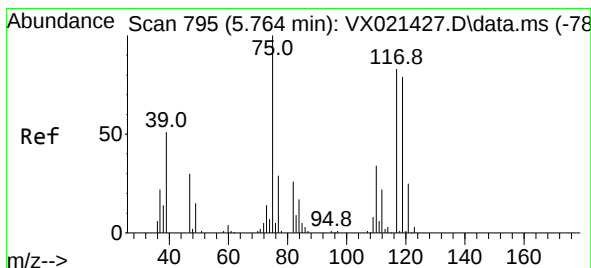
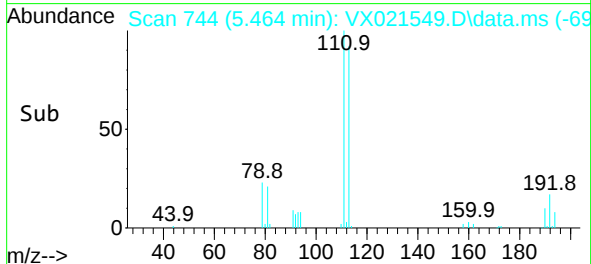
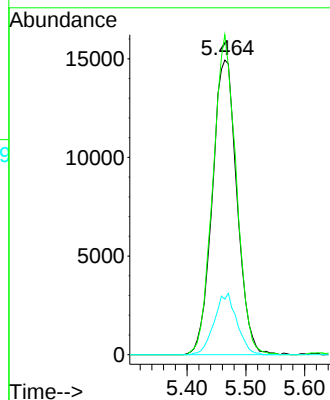
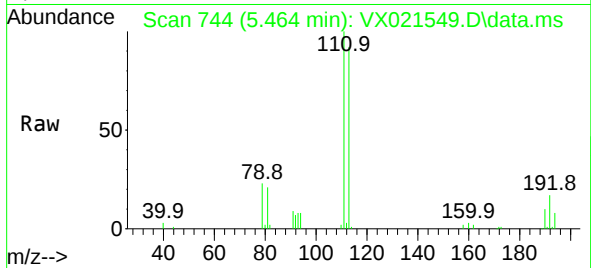




#35
Dibromofluoromethane
Concen: 49.94 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021549.D
Acq: 26 Mar 2021 23:35

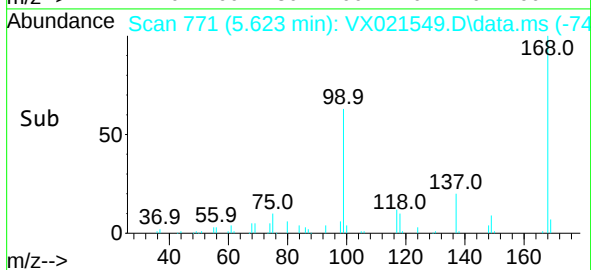
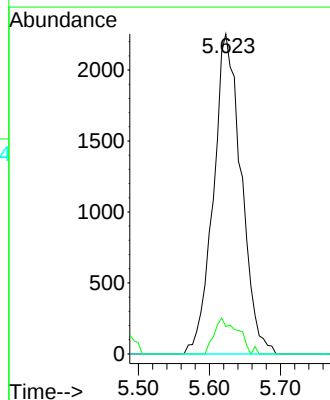
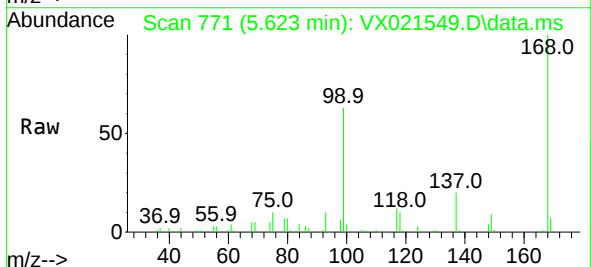
Instrument :
MSVOA_X
ClientSampleId :

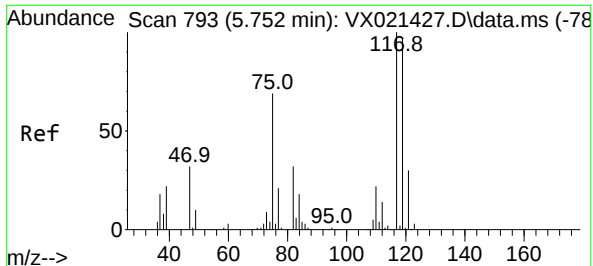
Tgt Ion:113 Resp: 43526
Ion Ratio Lower Upper
113 100
111 102.7 81.9 122.9
192 19.1 16.7 25.1



#36
1,1-Dichloropropene
Concen: 5.10 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.141 min
Lab File: VX021549.D
Acq: 26 Mar 2021 23:35

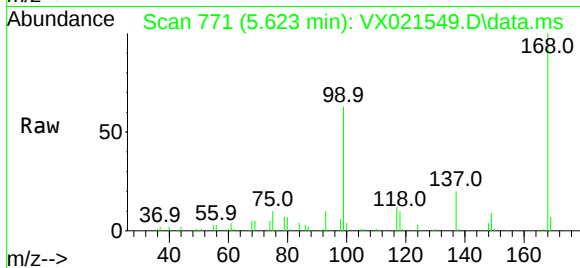
Tgt Ion: 75 Resp: 6128
Ion Ratio Lower Upper
75 100
110 9.5 18.1 54.4#
77 0.0 25.3 37.9#



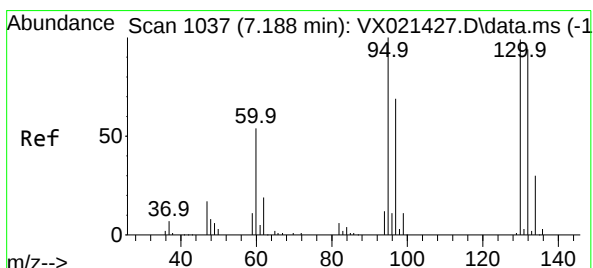
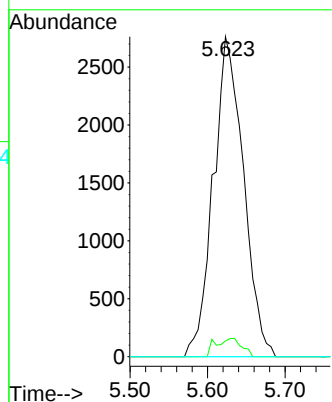
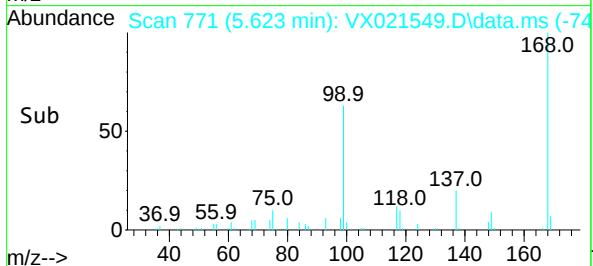


#38
Carbon Tetrachloride
Concen: 5.78 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.129 min
Lab File: VX021549.D
Acq: 26 Mar 2021 23:35

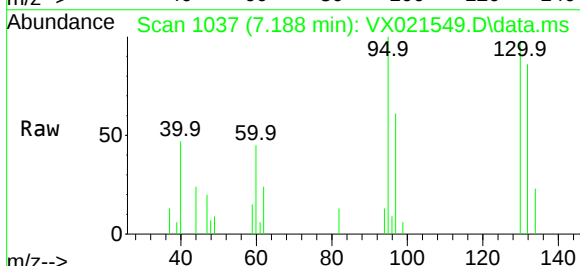
Instrument :
MSVOA_X
ClientSampled :



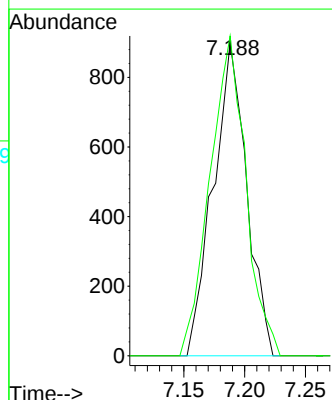
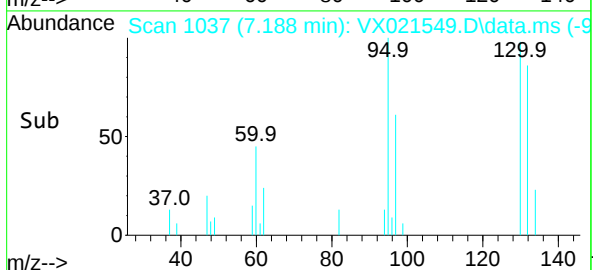
Tgt Ion:117 Resp: 7472
Ion Ratio Lower Upper
117 100
119 4.9 76.2 114.2#
121 0.0 24.8 37.2#

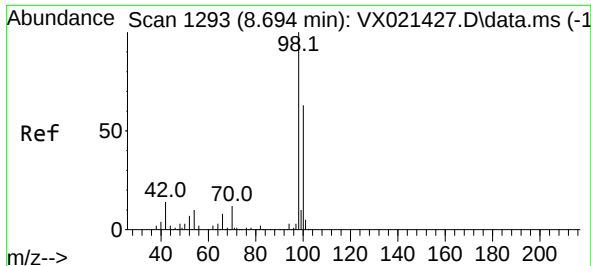


#44
Trichloroethene
Concen: 1.91 ug/l
RT: 7.188 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VX021549.D
Acq: 26 Mar 2021 23:35



Tgt Ion:130 Resp: 1721
Ion Ratio Lower Upper
130 100
95 102.1 0.0 198.0

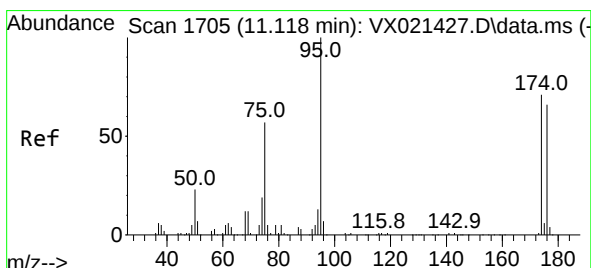
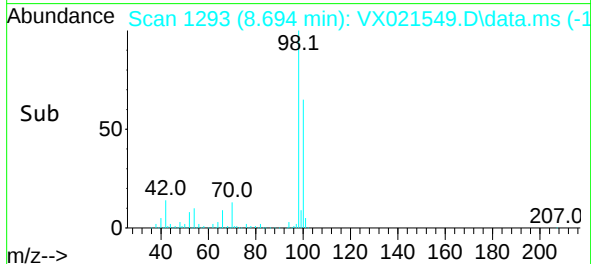
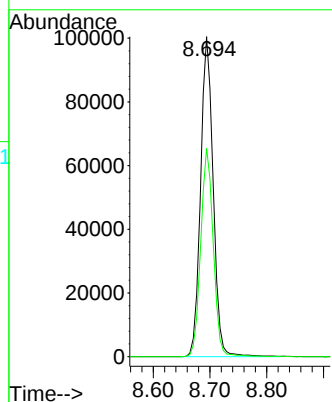
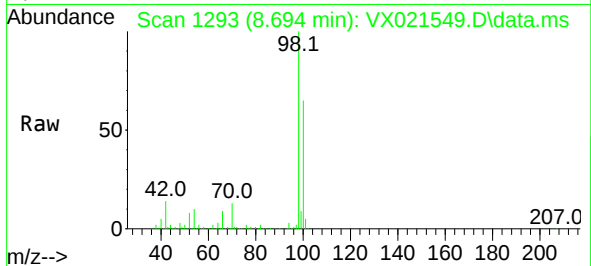




#50
Toluene-d8
Concen: 49.87 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021549.D
Acq: 26 Mar 2021 23:35

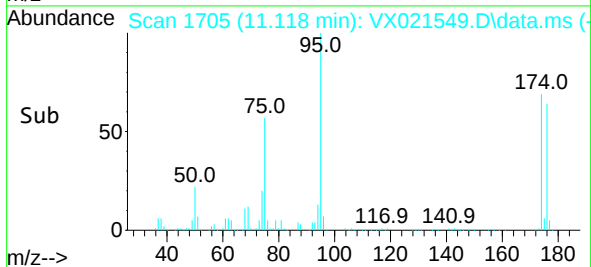
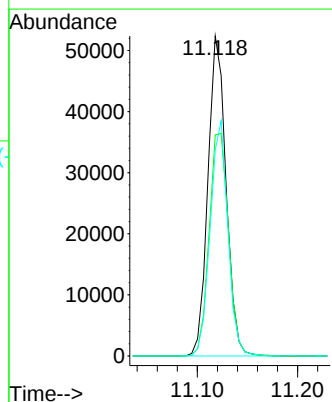
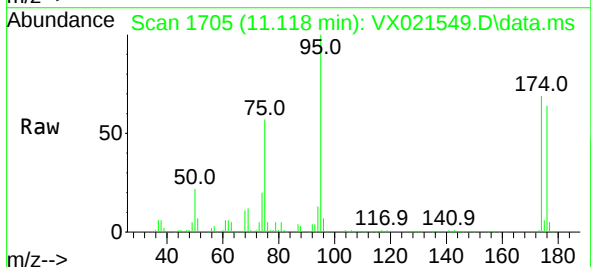
Instrument :
MSVOA_X
ClientSampled :

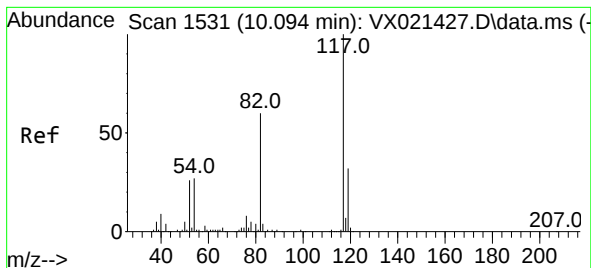
Tgt Ion: 98 Resp: 154905
Ion Ratio Lower Upper
98 100
100 65.0 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 54.57 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021549.D
Acq: 26 Mar 2021 23:35

Tgt Ion: 95 Resp: 65903
Ion Ratio Lower Upper
95 100
174 74.5 0.0 154.6
176 71.6 0.0 155.8

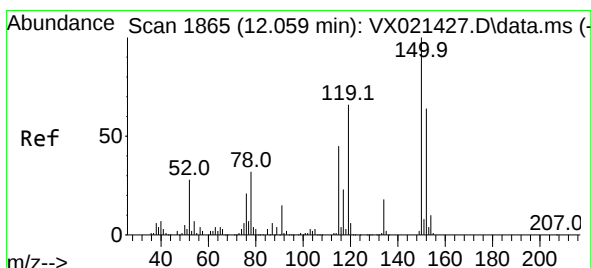
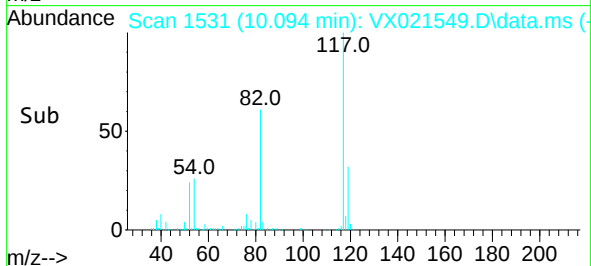
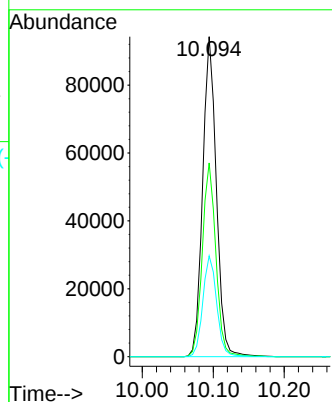
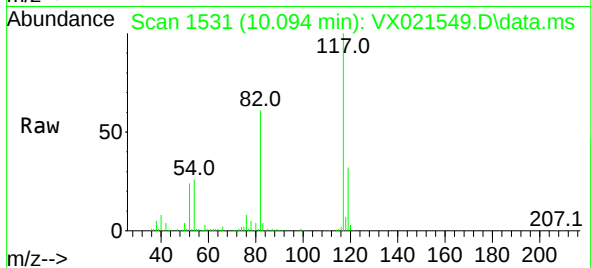




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021549.D
Acq: 26 Mar 2021 23:35

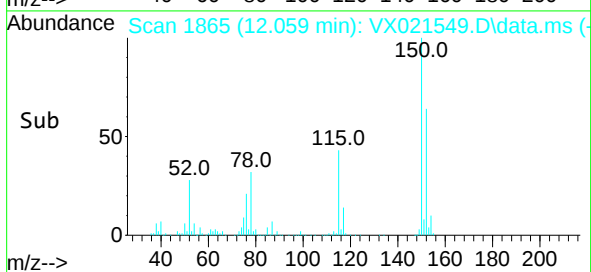
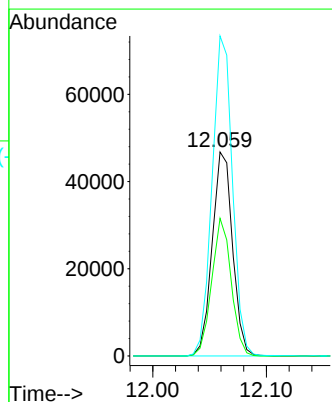
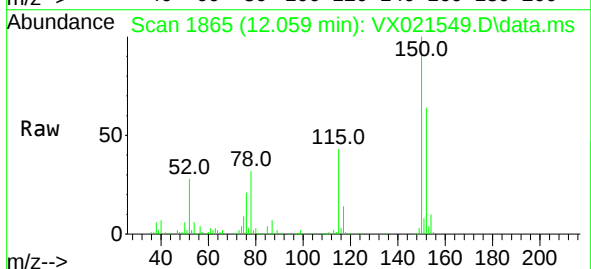
Instrument :
MSVOA_X
ClientSampleId :

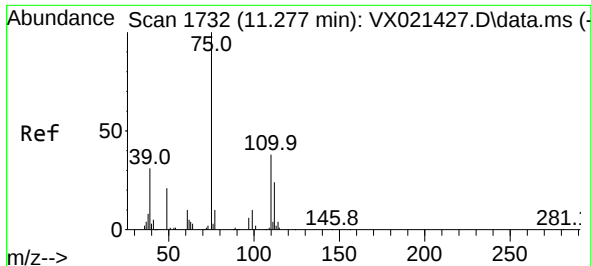
Tgt Ion:117 Resp: 126498
Ion Ratio Lower Upper
117 100
82 60.5 47.4 71.2
119 31.5 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021549.D
Acq: 26 Mar 2021 23:35

Tgt Ion:152 Resp: 58362
Ion Ratio Lower Upper
152 100
115 64.2 41.1 123.3
150 156.8 0.0 349.0

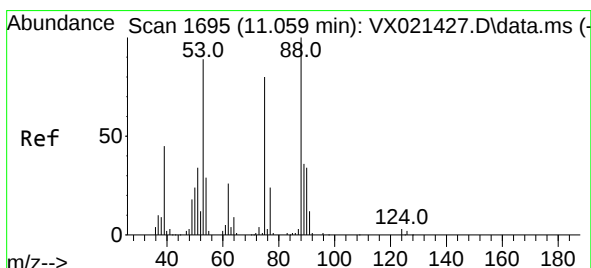
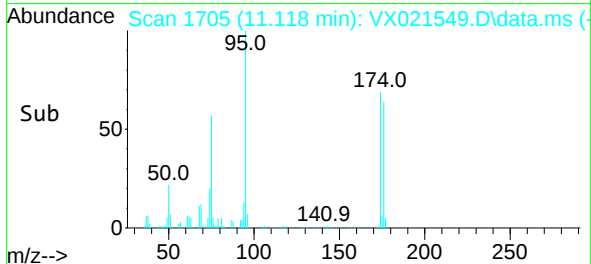
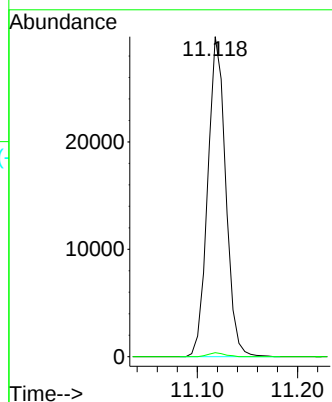
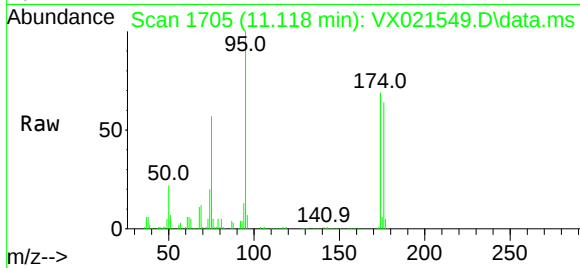




#76
1,2,3-Trichloropropane
Concen: 27.41 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021549.D
Acq: 26 Mar 2021 23:35

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 37241
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 83.49 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021549.D
Acq: 26 Mar 2021 23:35

Tgt Ion: 75 Resp: 37241
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

