

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032621\
 Data File : VX021557.D
 Acq On : 27 Mar 2021 02:43
 Operator : JC/MD
 Sample : M1787-20
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 27 04:36:17 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)

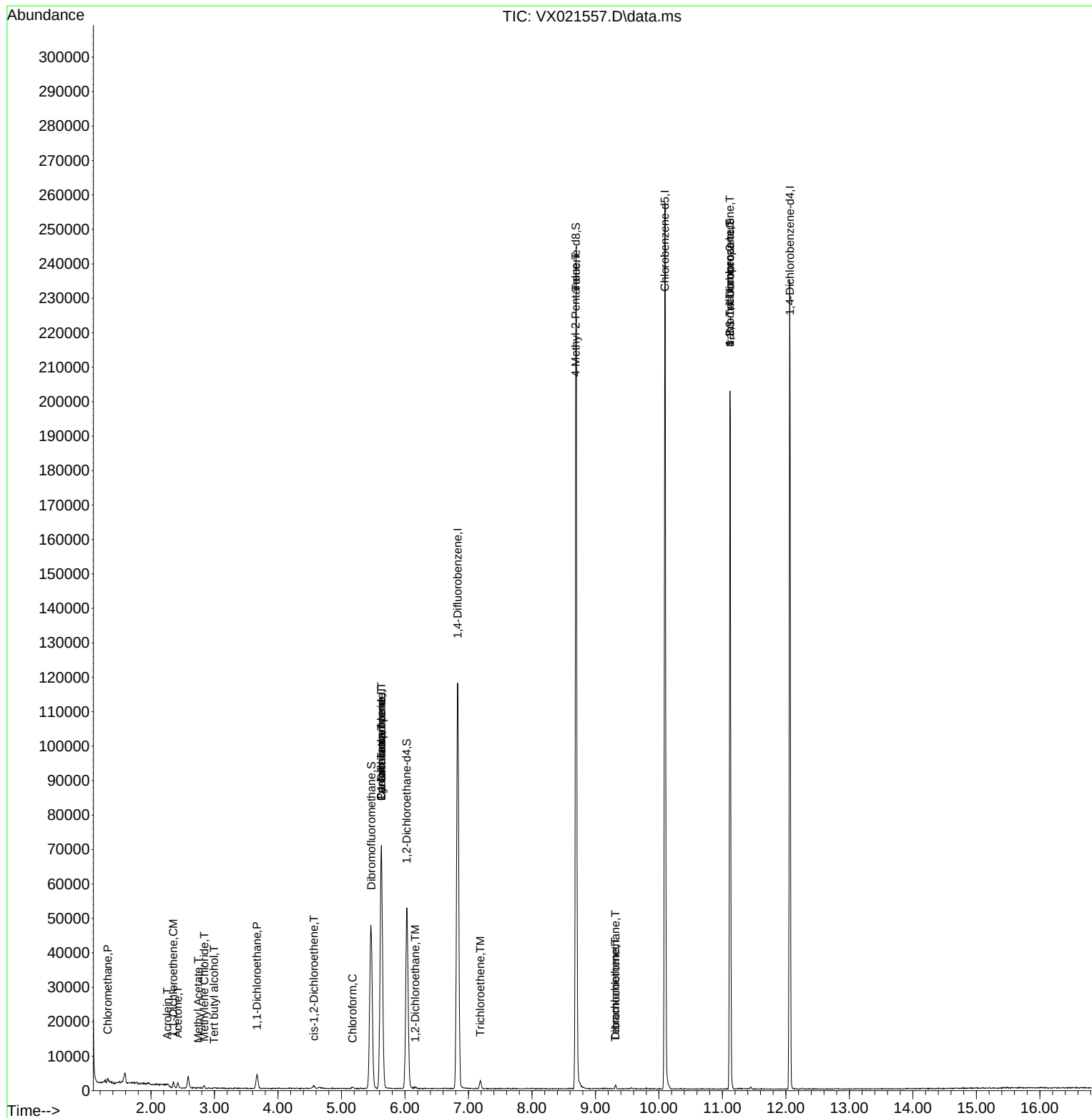
Internal Standards						
1) Pentafluorobenzene	5.629	168	59110	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	109570	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	108634	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	43009	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	51449	52.31	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	104.62%
35) Dibromofluoromethane	5.470	113	39700	51.01	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.02%
50) Toluene-d8	8.694	98	137429	49.55	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.10%
62) 4-Bromofluorobenzene	11.118	95	52134	48.35	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.70%
Target Compounds						
					Qvalue	
3) Chloromethane	1.317	50	1477	2.02	ug/l	94
11) Tert butyl alcohol	2.993	59	164	1.01	ug/l #	73
12) 1,1-Dichloroethene	2.352	96	463	0.78	ug/l	93
13) Acrolein	2.258	56	18	4.51	ug/l #	1
16) Acetone	2.423	43	1361	3.66	ug/l #	84
18) Methyl Acetate	2.746	43	271	0.25	ug/l #	47
20) Methylene Chloride	2.840	84	293	0.40	ug/l #	74
24) 1,1-Dichloroethane	3.670	63	4330	3.42	ug/l	97
27) cis-1,2-Dichloroethene	4.564	96	472	0.62	ug/l	89
30) Chloroform	5.176	83	476	0.36	ug/l	97
31) Cyclohexane	5.629	56	1794	1.66	ug/l #	32
36) 1,1-Dichloropropene	5.629	75	5468	5.09	ug/l #	48
38) Carbon Tetrachloride	5.629	117	6631	5.75	ug/l #	17
42) 1,2-Dichloroethane	6.164	62	381	0.29	ug/l #	73
44) Trichloroethene	7.188	130	805	1.00	ug/l	89
51) 4-Methyl-2-Pentanone	8.688	43	739	0.60	ug/l #	1
60) Dibromochloromethane	9.318	129	202	0.23	ug/l #	11
64) Tetrachloroethene	9.312	164	185	0.25	ug/l #	69
76) 1,2,3-Trichloropropane	11.118	75	29169	29.13	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	29169	88.74	ug/l #	12

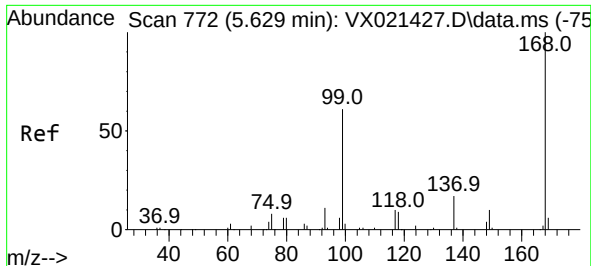
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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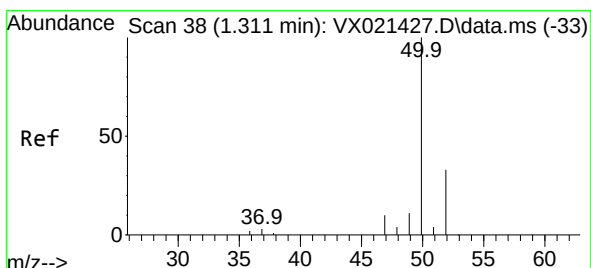
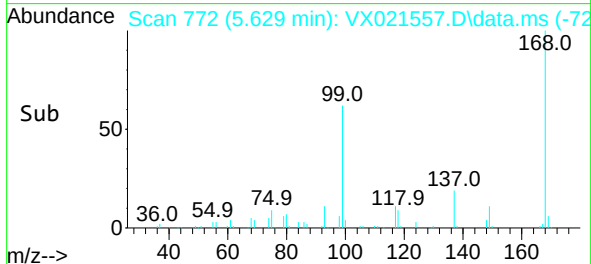
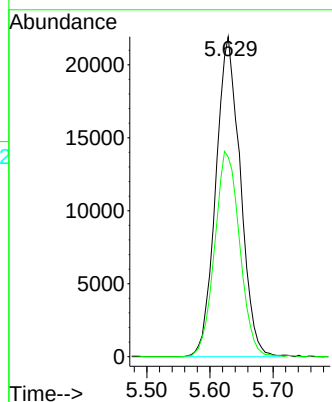
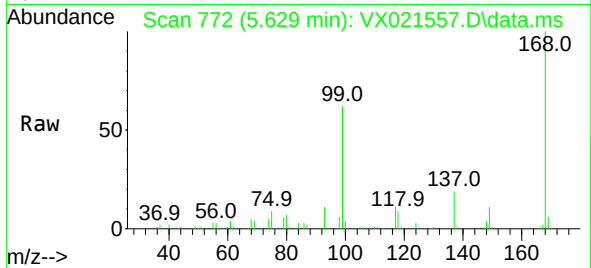




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.000 min
Lab File: VX021557.D
Acq: 27 Mar 2021 02:43

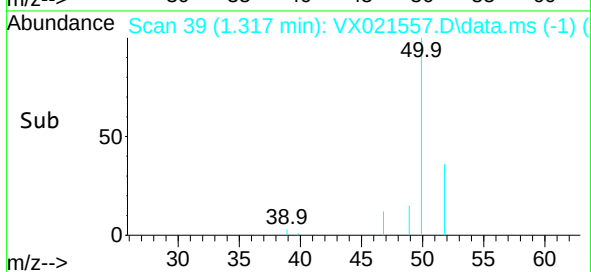
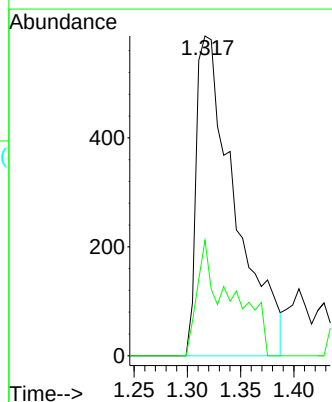
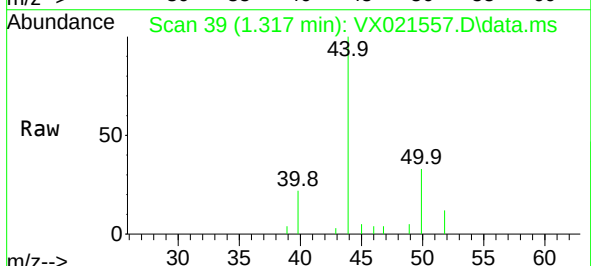
Instrument :
MSVOA_X
ClientSampleId :

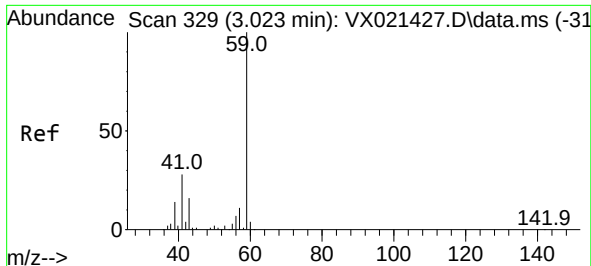
Tgt Ion:168 Resp: 59110
Ion Ratio Lower Upper
168 100
99 62.4 45.8 68.6



#3
Chloromethane
Concen: 2.02 ug/l
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021557.D
Acq: 27 Mar 2021 02:43

Tgt Ion: 50 Resp: 1477
Ion Ratio Lower Upper
50 100
52 36.1 26.4 39.6

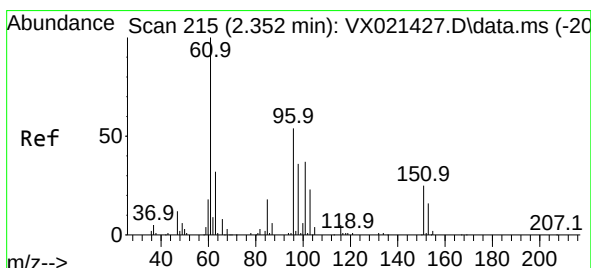
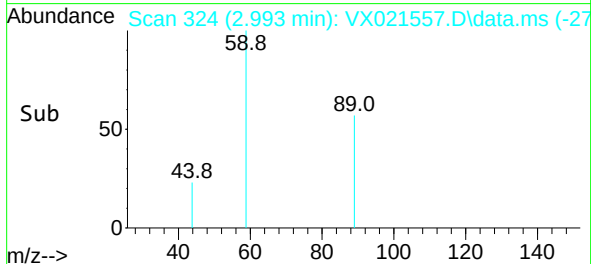
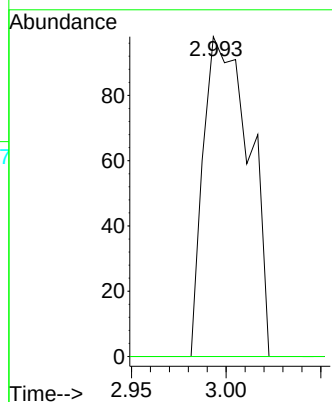
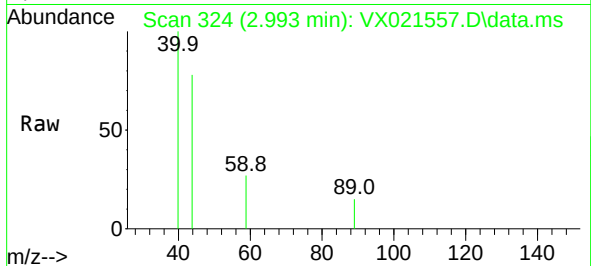




#11
Tert butyl alcohol
Concen: 1.01 ug/l
RT: 2.993 min Scan# 324
Delta R.T. -0.030 min
Lab File: VX021557.D
Acq: 27 Mar 2021 02:43

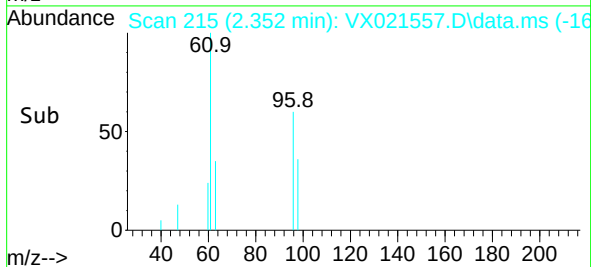
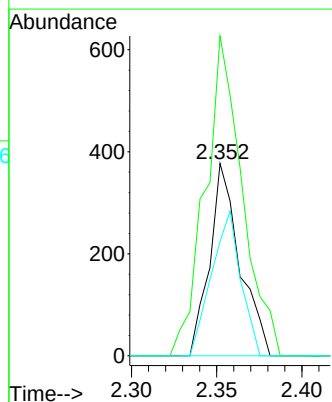
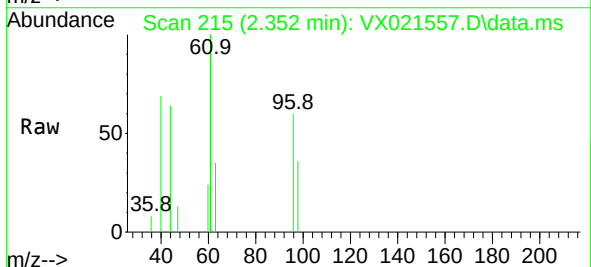
Instrument :
MSVOA_X
ClientSampled :

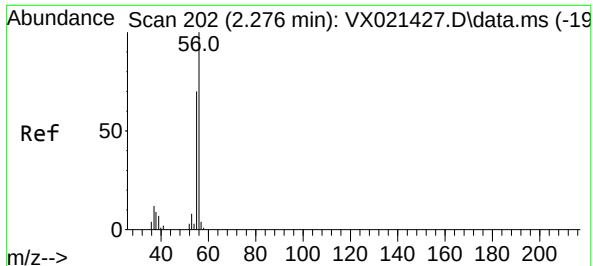
Tgt Ion: 59 Resp: 164
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 0.78 ug/l
RT: 2.352 min Scan# 215
Delta R.T. -0.000 min
Lab File: VX021557.D
Acq: 27 Mar 2021 02:43

Tgt Ion: 96 Resp: 463
Ion Ratio Lower Upper
96 100
61 166.3 124.6 187.0
98 59.4 50.6 76.0





#13

Acrolein

Concen: 4.51 ug/l

RT: 2.258 min Scan# 199

Delta R.T. -0.018 min

Lab File: VX021557.D

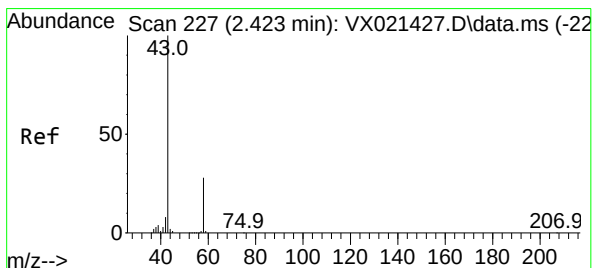
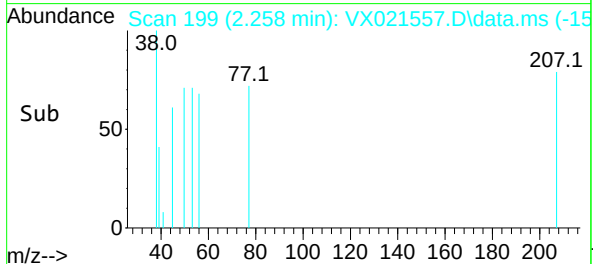
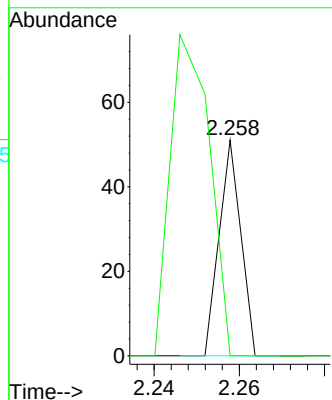
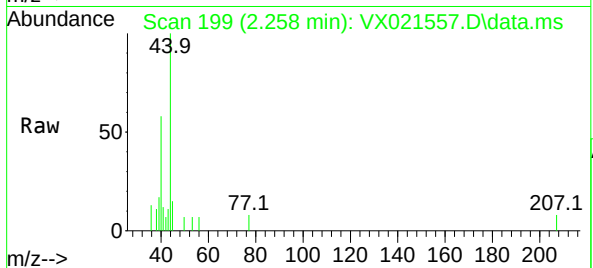
Acq: 27 Mar 2021 02:43

Tgt Ion: 56 Resp: 18

Ion Ratio Lower Upper

56 100

55 272.2 56.4 84.6#



#16

Acetone

Concen: 3.66 ug/l

RT: 2.423 min Scan# 227

Delta R.T. -0.000 min

Lab File: VX021557.D

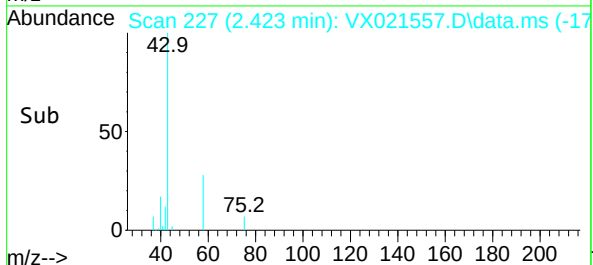
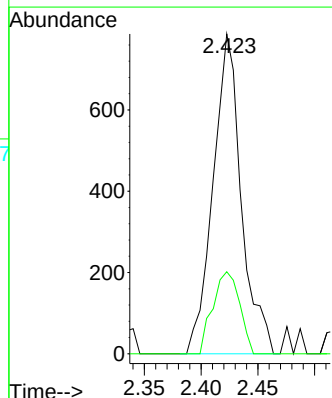
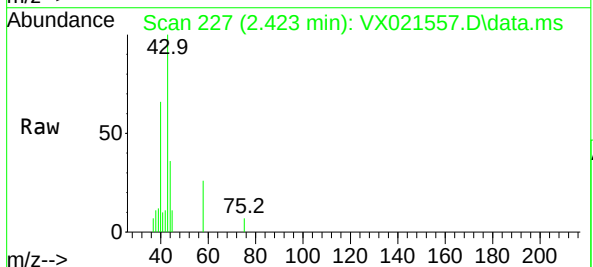
Acq: 27 Mar 2021 02:43

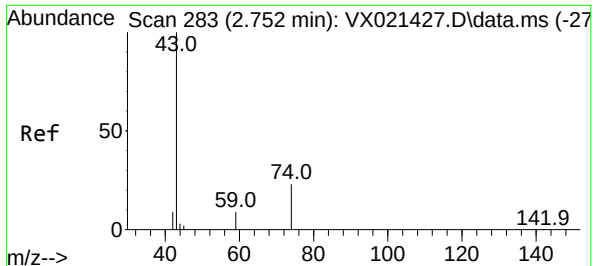
Tgt Ion: 43 Resp: 1361

Ion Ratio Lower Upper

43 100

58 25.7 27.8 41.8#

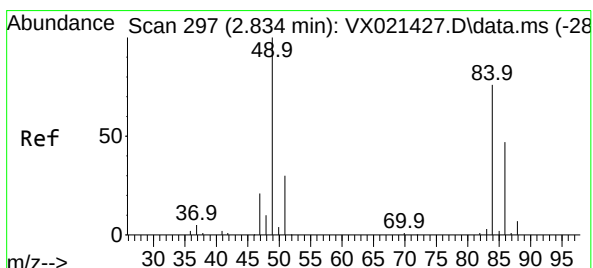
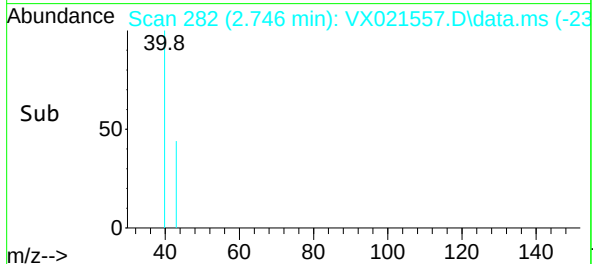
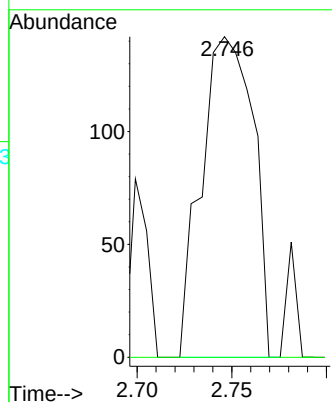
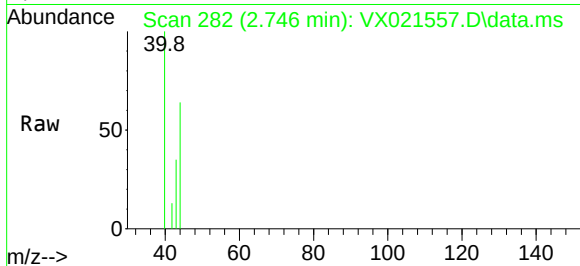




#18
Methyl Acetate
Concen: 0.25 ug/l
RT: 2.746 min Scan# 282
Delta R.T. -0.006 min
Lab File: VX021557.D
Acq: 27 Mar 2021 02:43

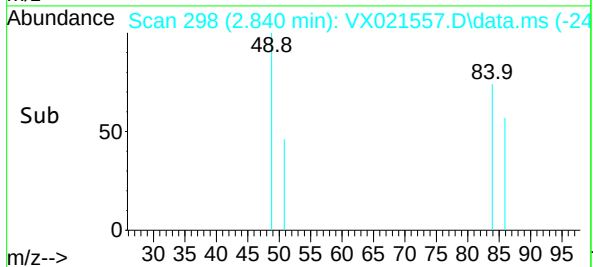
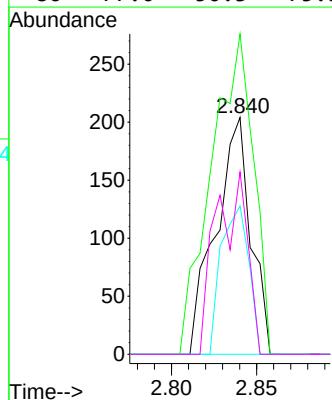
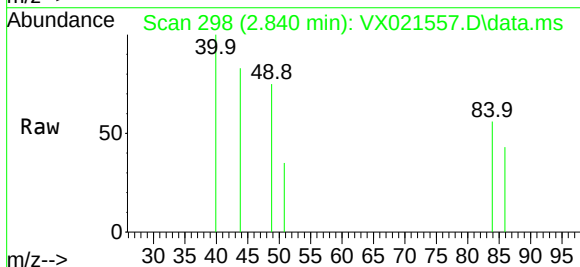
Instrument :
MSVOA_X
ClientSampled :

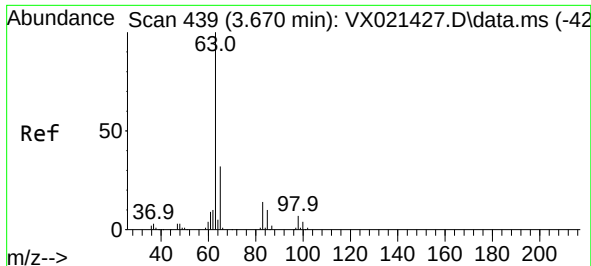
Tgt Ion: 43 Resp: 271
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



#20
Methylene Chloride
Concen: 0.40 ug/l
RT: 2.840 min Scan# 298
Delta R.T. 0.006 min
Lab File: VX021557.D
Acq: 27 Mar 2021 02:43

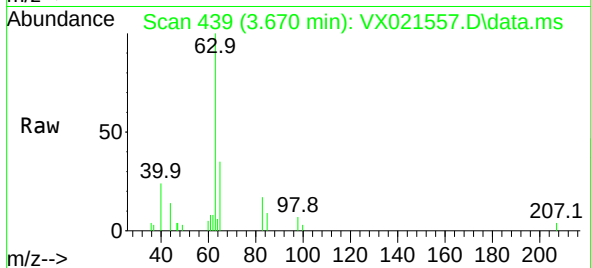
Tgt Ion: 84 Resp: 293
Ion Ratio Lower Upper
84 100
49 135.3 88.6 132.8#
51 62.7 27.0 40.6#
86 77.0 50.3 75.5#



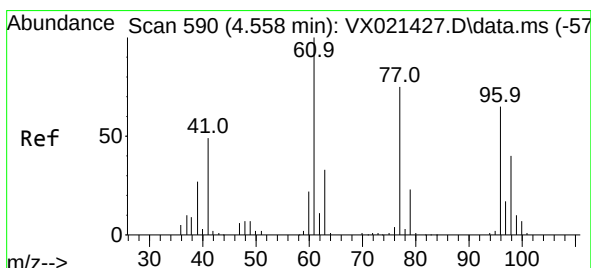
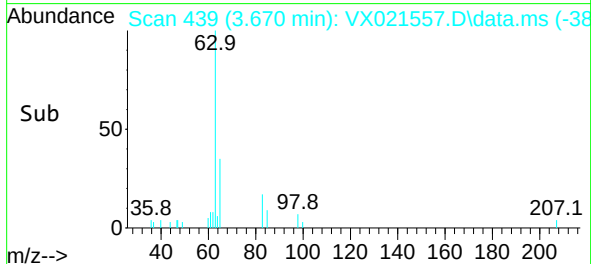
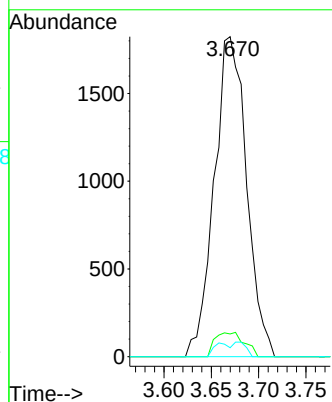


#24
1,1-Dichloroethane
Concen: 3.42 ug/l
RT: 3.670 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX021557.D
Acq: 27 Mar 2021 02:43

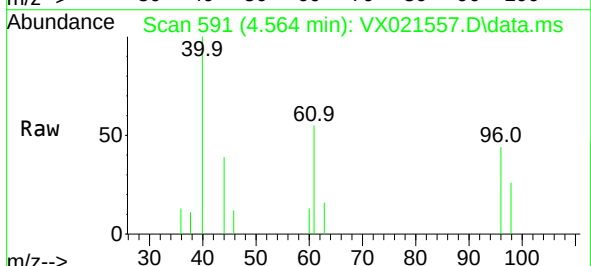
Instrument :
MSVOA_X
ClientSampleId :



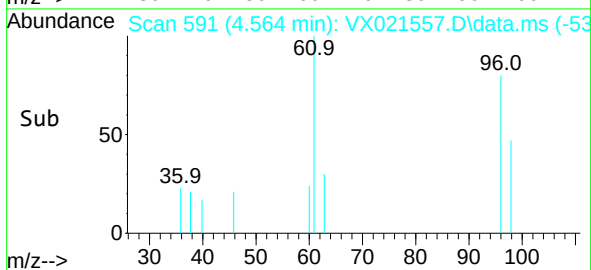
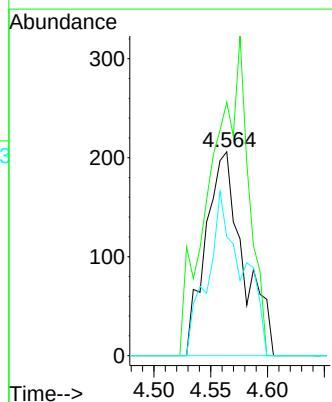
Tgt Ion:	63	Resp:	4330
Ion	Ratio	Lower	Upper
63	100		
98	7.1	3.8	11.2
100	2.8	2.5	7.5

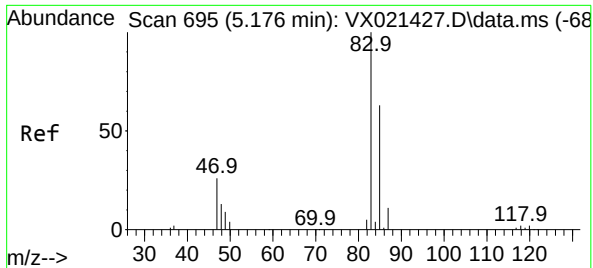


#27
cis-1,2-Dichloroethene
Concen: 0.62 ug/l
RT: 4.564 min Scan# 591
Delta R.T. 0.006 min
Lab File: VX021557.D
Acq: 27 Mar 2021 02:43



Tgt Ion:	96	Resp:	472
Ion	Ratio	Lower	Upper
96	100		
61	155.3	0.0	285.6
98	74.6	0.0	129.6





#30

Chloroform

Concen: 0.36 ug/l

RT: 5.176 min Scan# 695

Delta R.T. -0.000 min

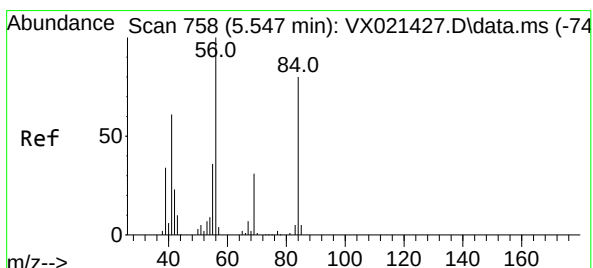
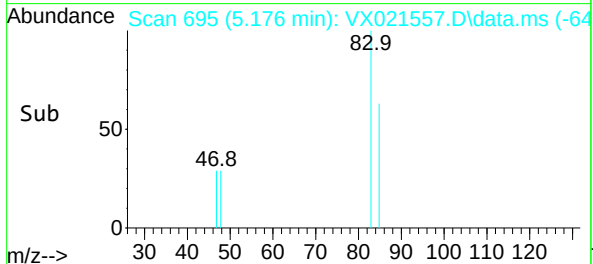
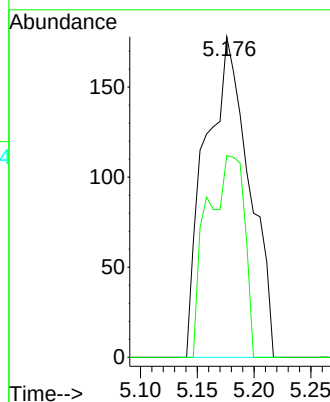
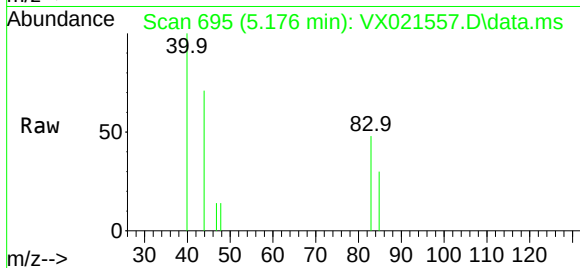
Lab File: VX021557.D

Acq: 27 Mar 2021 02:43

Tgt Ion: 83 Resp: 476

Ion	Ratio	Lower	Upper
83	100		
85	62.9	52.0	78.0

Instrument :
MSVOA_X
ClientSampled :



#31

Cyclohexane

Concen: 1.66 ug/l

RT: 5.629 min Scan# 772

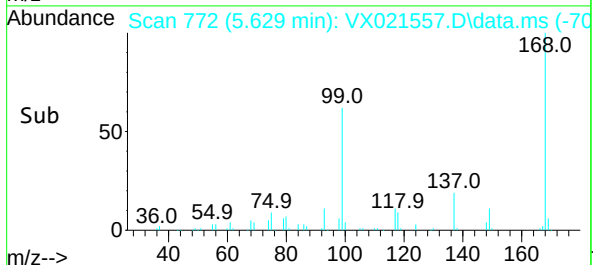
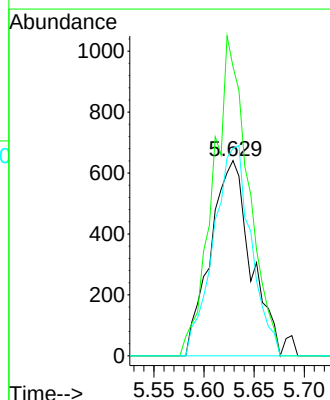
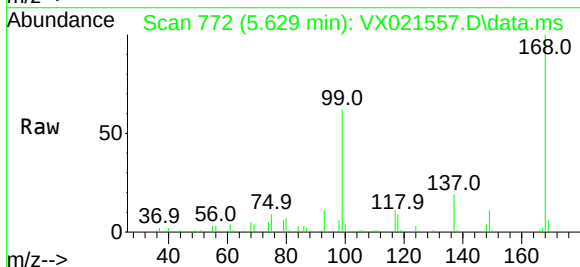
Delta R.T. 0.082 min

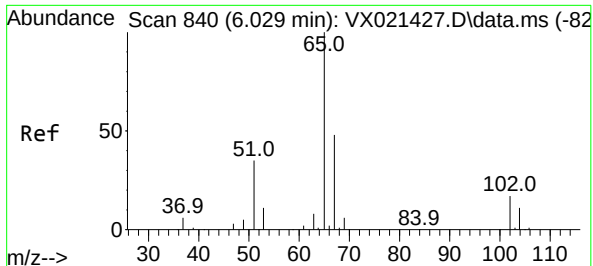
Lab File: VX021557.D

Acq: 27 Mar 2021 02:43

Tgt Ion: 56 Resp: 1794

Ion	Ratio	Lower	Upper
56	100		
69	148.0	25.3	37.9#
84	106.2	71.4	107.0





#33

1,2-Dichloroethane-d4

Concen: 52.31 ug/l

RT: 6.029 min Scan# 840

Delta R.T. -0.000 min

Lab File: VX021557.D

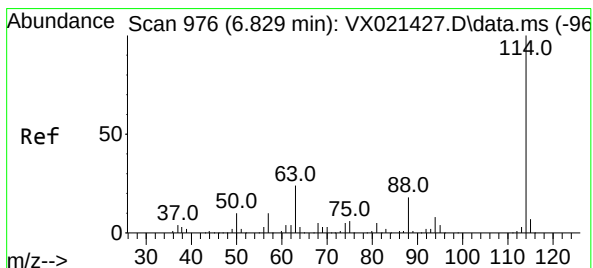
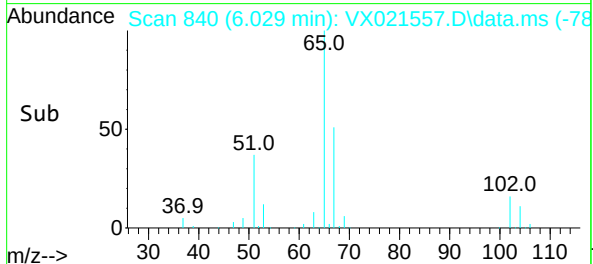
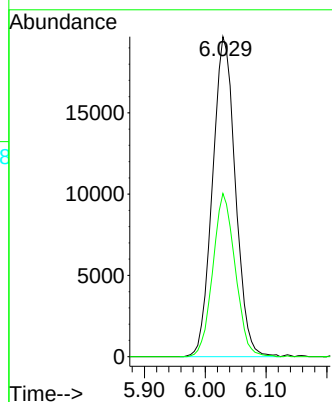
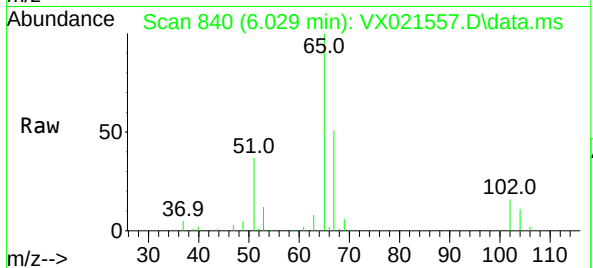
Acq: 27 Mar 2021 02:43

Tgt Ion: 65 Resp: 51449

Ion Ratio Lower Upper

65 100

67 49.9 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: VX021557.D

Acq: 27 Mar 2021 02:43

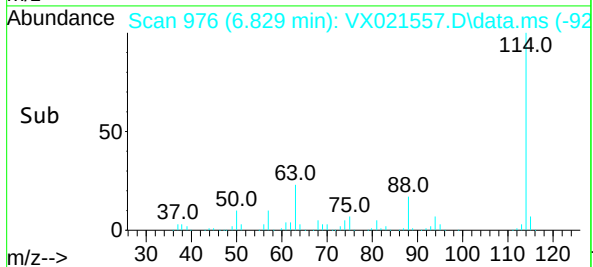
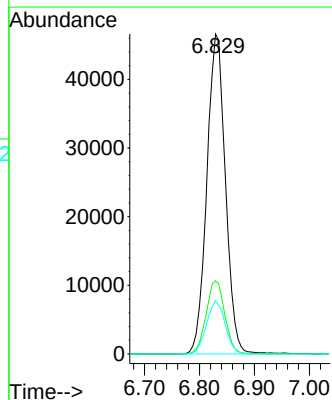
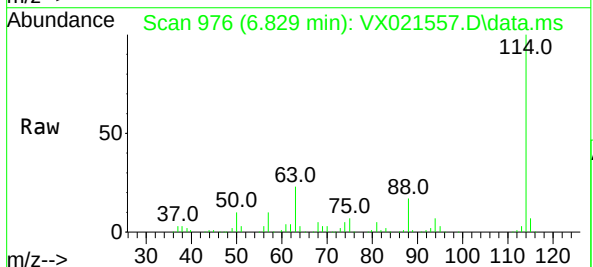
Tgt Ion: 114 Resp: 109570

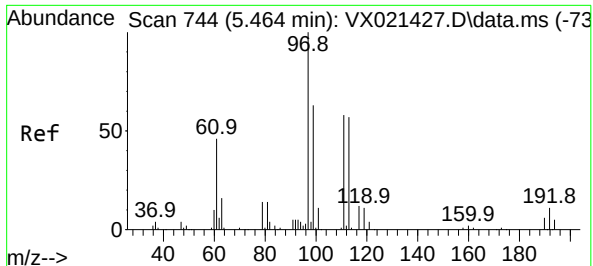
Ion Ratio Lower Upper

114 100

63 22.9 0.0 40.8

88 16.7 0.0 32.8

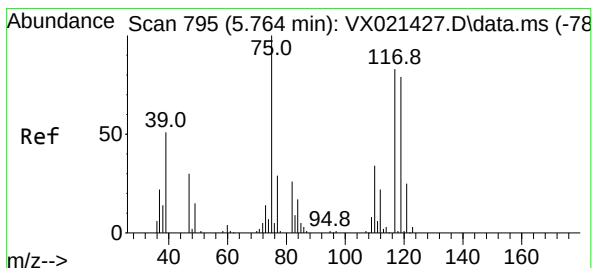
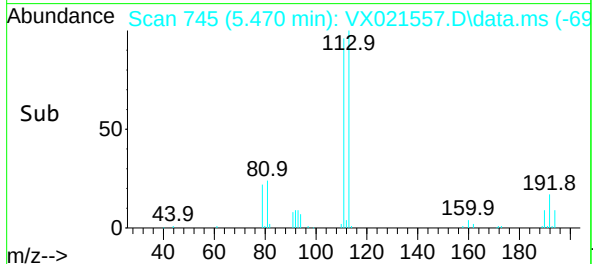
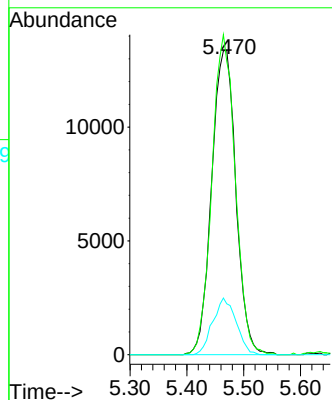
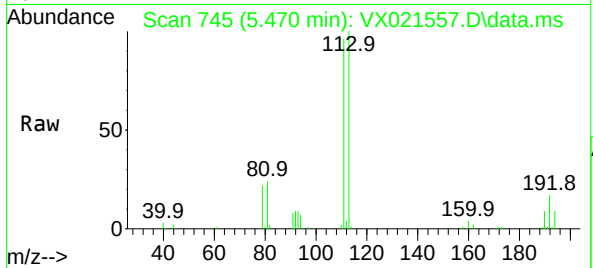




#35
Dibromofluoromethane
Concen: 51.01 ug/l
RT: 5.470 min Scan# 745
Delta R.T. 0.006 min
Lab File: VX021557.D
Acq: 27 Mar 2021 02:43

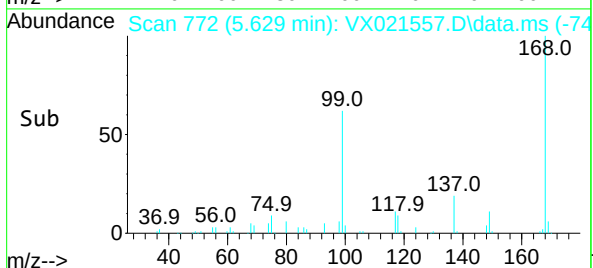
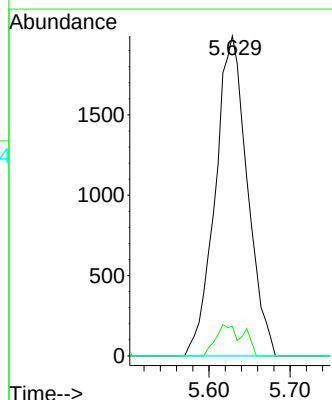
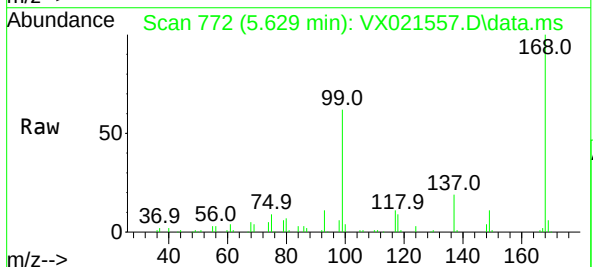
Instrument :
MSVOA_X
ClientSampled :

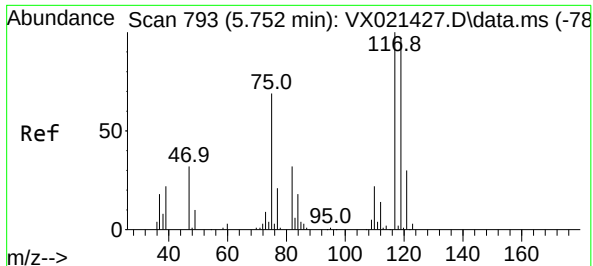
Tgt Ion:113 Resp: 39700
Ion Ratio Lower Upper
113 100
111 101.2 81.9 122.9
192 18.0 16.7 25.1



#36
1,1-Dichloropropene
Concen: 5.09 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.135 min
Lab File: VX021557.D
Acq: 27 Mar 2021 02:43

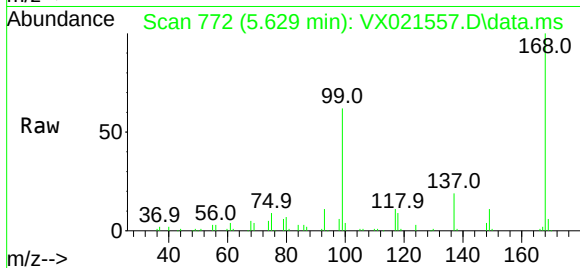
Tgt Ion: 75 Resp: 5468
Ion Ratio Lower Upper
75 100
110 8.4 18.1 54.4#
77 0.0 25.3 37.9#



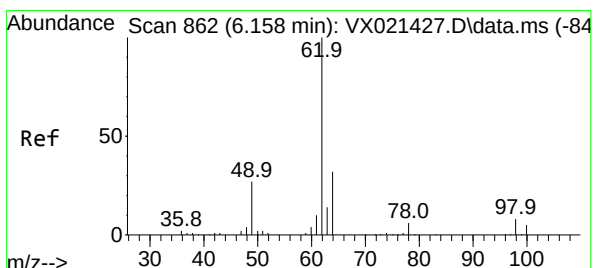
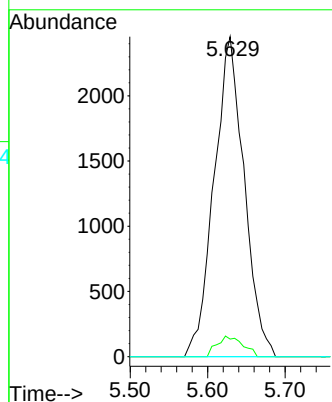
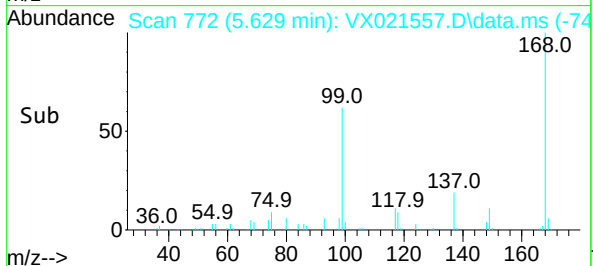


#38
Carbon Tetrachloride
Concen: 5.75 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.123 min
Lab File: VX021557.D
Acq: 27 Mar 2021 02:43

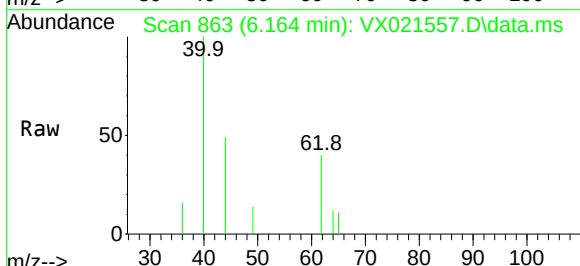
Instrument :
MSVOA_X
ClientSampled :



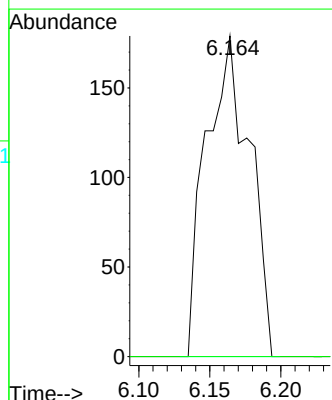
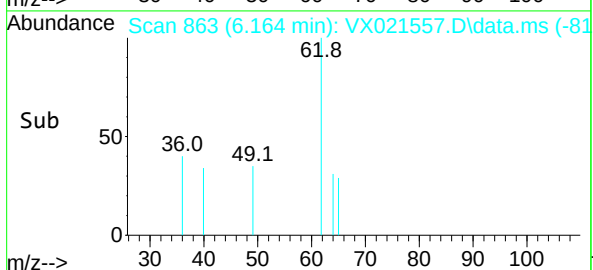
Tgt Ion:117 Resp: 6631
Ion Ratio Lower Upper
117 100
119 5.5 76.2 114.2#
121 0.0 24.8 37.2#

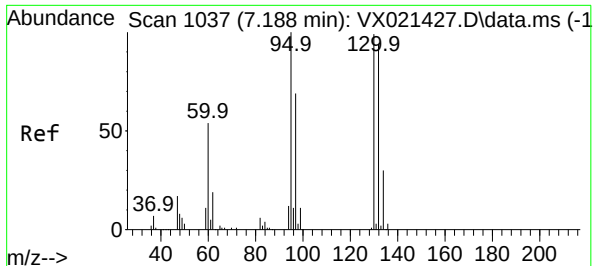


#42
1,2-Dichloroethane
Concen: 0.29 ug/l
RT: 6.164 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX021557.D
Acq: 27 Mar 2021 02:43



Tgt Ion: 62 Resp: 381
Ion Ratio Lower Upper
62 100
98 0.0 0.0 20.2

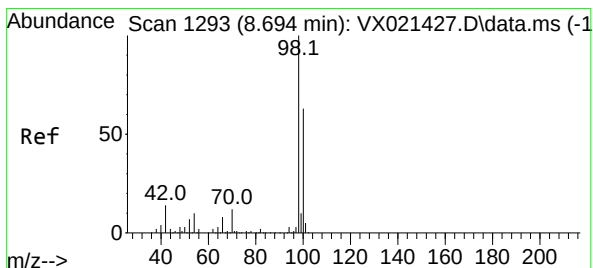
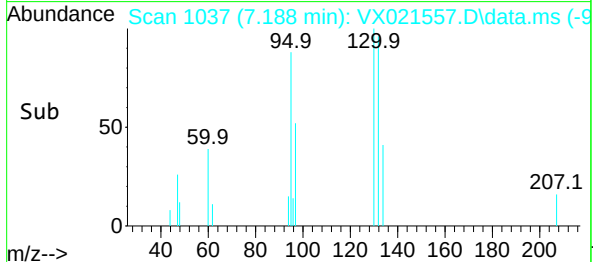
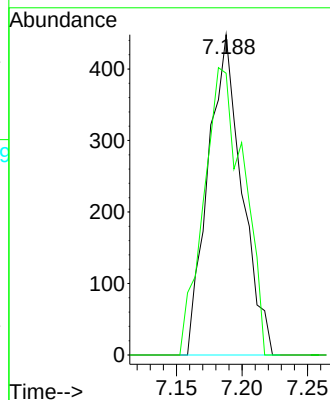
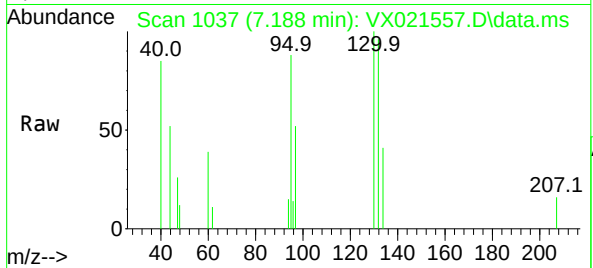




#44
Trichloroethene
Concen: 1.00 ug/l
RT: 7.188 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VX021557.D
Acq: 27 Mar 2021 02:43

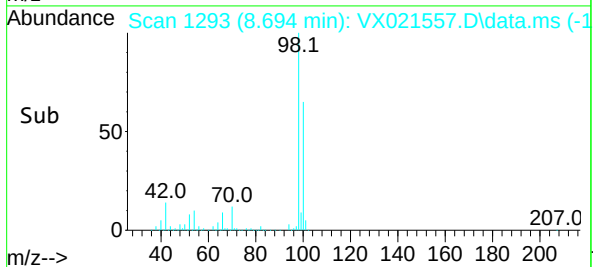
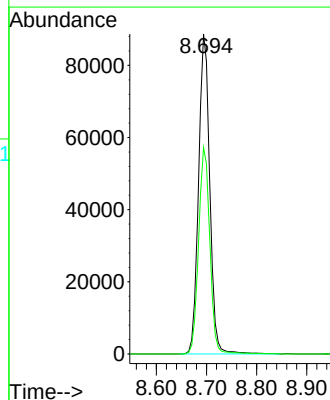
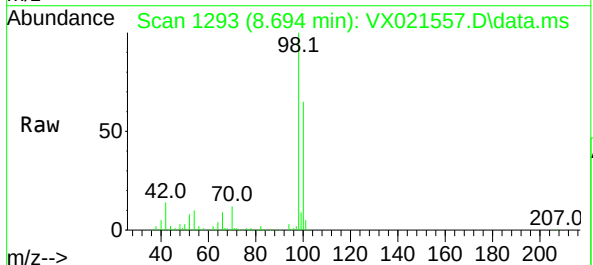
Instrument :
MSVOA_X
ClientSampled :

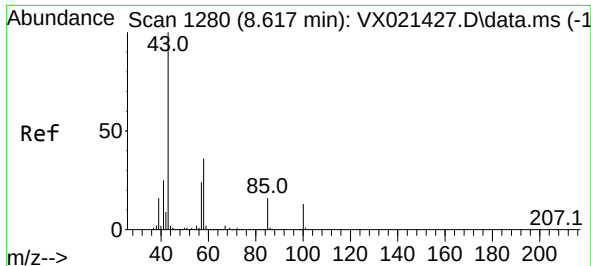
Tgt Ion:130 Resp: 805
Ion Ratio Lower Upper
130 100
95 87.9 0.0 198.0



#50
Toluene-d8
Concen: 49.55 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021557.D
Acq: 27 Mar 2021 02:43

Tgt Ion: 98 Resp: 137429
Ion Ratio Lower Upper
98 100
100 64.7 51.9 77.9

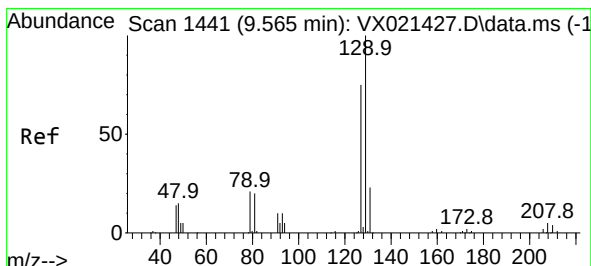
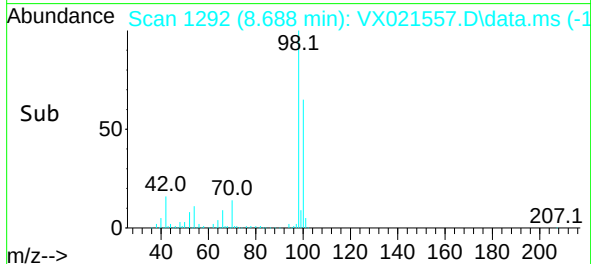
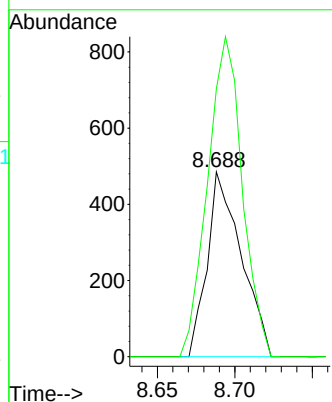
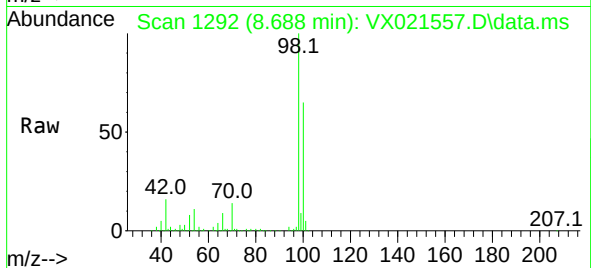




#51
4-Methyl-2-Pentanone
Concen: 0.60 ug/l
RT: 8.688 min Scan# 1292
Delta R.T. 0.071 min
Lab File: VX021557.D
Acq: 27 Mar 2021 02:43

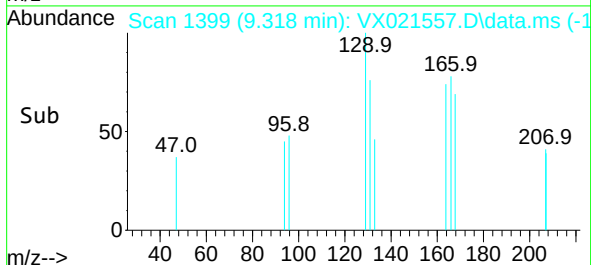
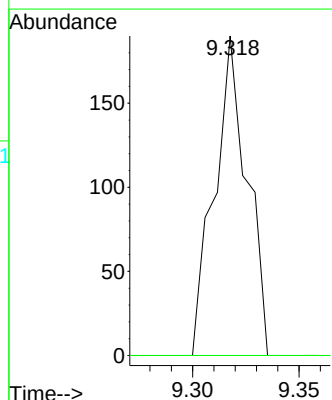
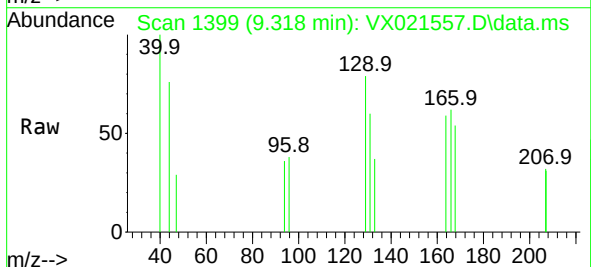
Instrument :
MSVOA_X
ClientSampled :

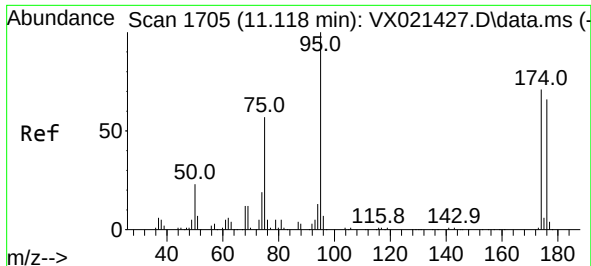
Tgt Ion: 43 Resp: 739
Ion Ratio Lower Upper
43 100
58 176.9 35.4 53.0#



#60
Dibromochloromethane
Concen: 0.23 ug/l
RT: 9.318 min Scan# 1399
Delta R.T. -0.247 min
Lab File: VX021557.D
Acq: 27 Mar 2021 02:43

Tgt Ion: 129 Resp: 202
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

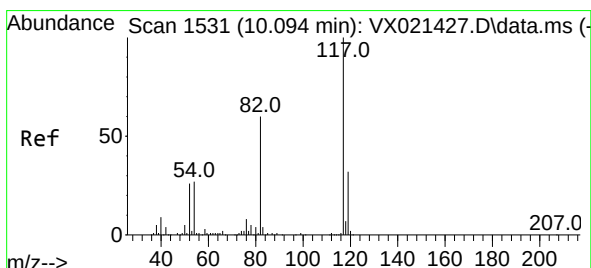
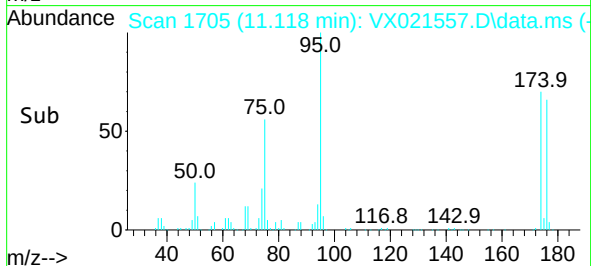
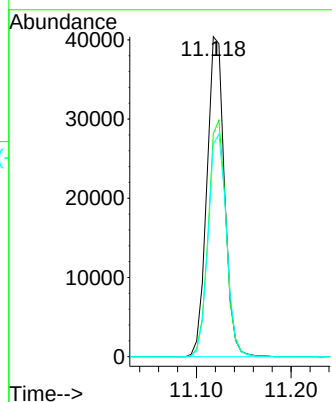
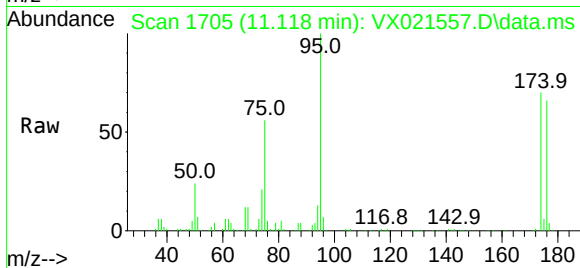




#62
4-Bromofluorobenzene
Concen: 48.35 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021557.D
Acq: 27 Mar 2021 02:43

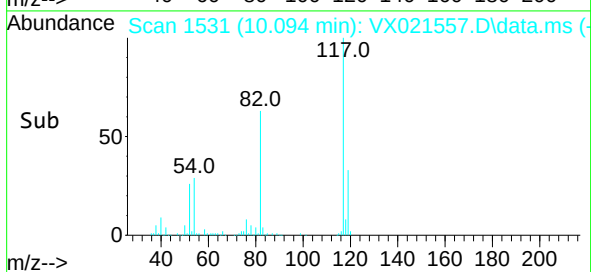
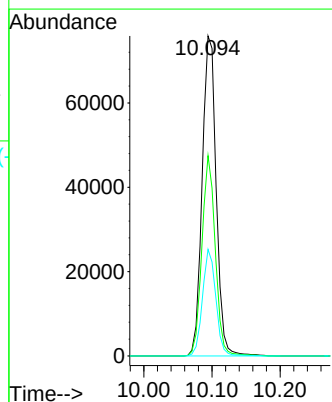
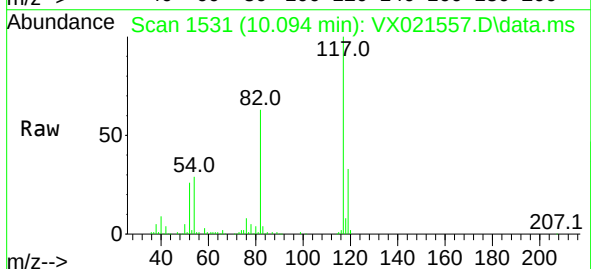
Instrument :
MSVOA_X
ClientSampleId :

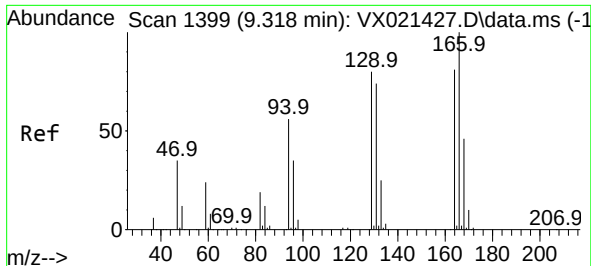
Tgt Ion: 95 Resp: 52134
Ion Ratio Lower Upper
95 100
174 74.5 0.0 154.6
176 71.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021557.D
Acq: 27 Mar 2021 02:43

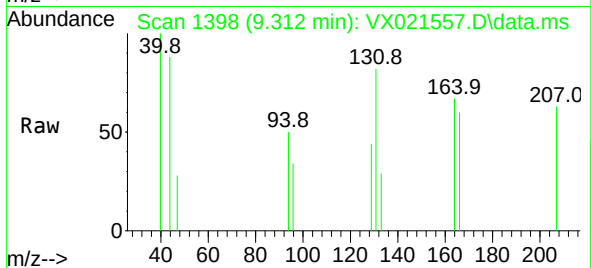
Tgt Ion: 117 Resp: 108634
Ion Ratio Lower Upper
117 100
82 62.6 47.4 71.2
119 33.3 26.6 39.8



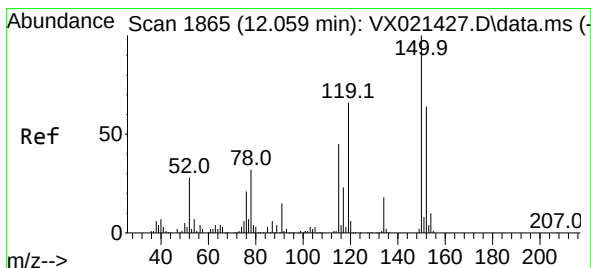
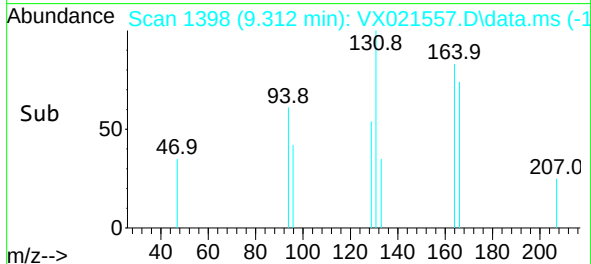
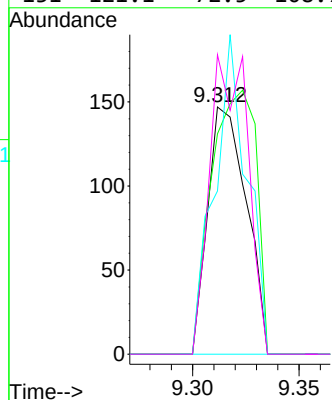


#64
Tetrachloroethene
Concen: 0.25 ug/l
RT: 9.312 min Scan# 1398
Delta R.T. -0.006 min
Lab File: VX021557.D
Acq: 27 Mar 2021 02:43

Instrument :
MSVOA_X
ClientSampleId :

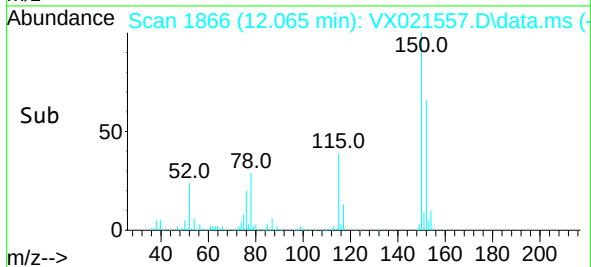
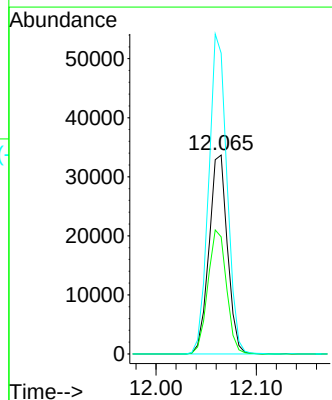
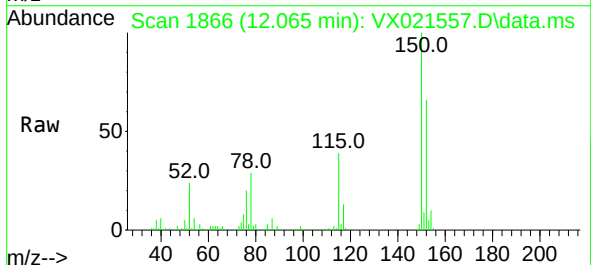


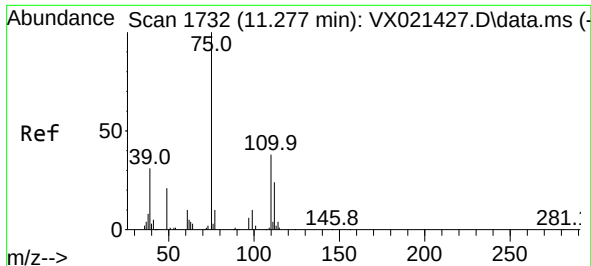
Tgt Ion:164 Resp: 185
Ion Ratio Lower Upper
164 100
166 89.1 103.4 155.2#
129 66.0 70.8 106.2#
131 121.1 72.5 108.7#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.065 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VX021557.D
Acq: 27 Mar 2021 02:43

Tgt Ion:152 Resp: 43009
Ion Ratio Lower Upper
152 100
115 63.1 41.1 123.3
150 159.5 0.0 349.0

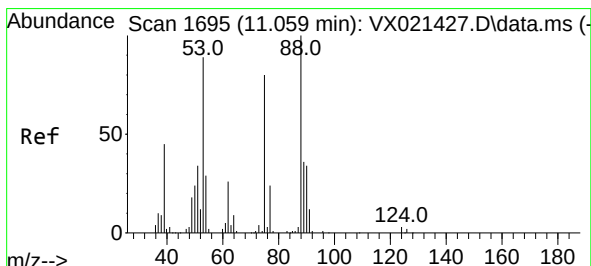
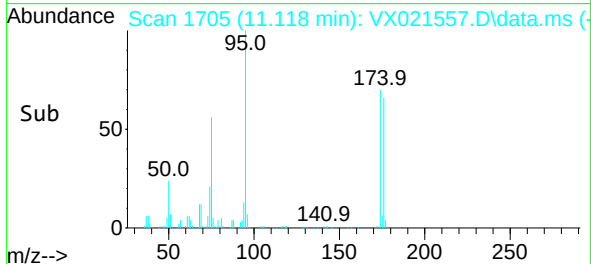
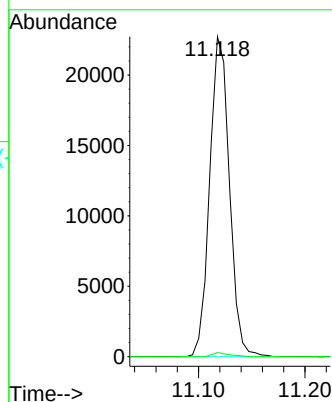
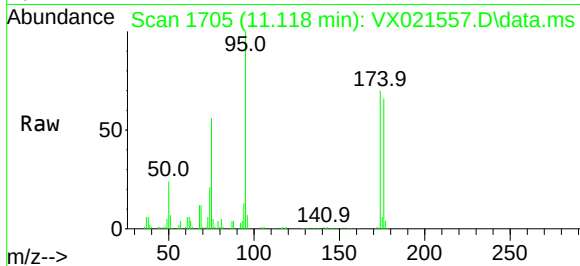




#76
1,2,3-Trichloropropane
Concen: 29.13 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021557.D
Acq: 27 Mar 2021 02:43

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 29169
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 88.74 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021557.D
Acq: 27 Mar 2021 02:43

Tgt Ion: 75 Resp: 29169
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

