

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033121\
 Data File : VX021678.D
 Acq On : 31 Mar 2021 12:45
 Operator : JC/MD
 Sample : M1842-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE123D1-20210324

Quant Time: Apr 01 03:23:33 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)

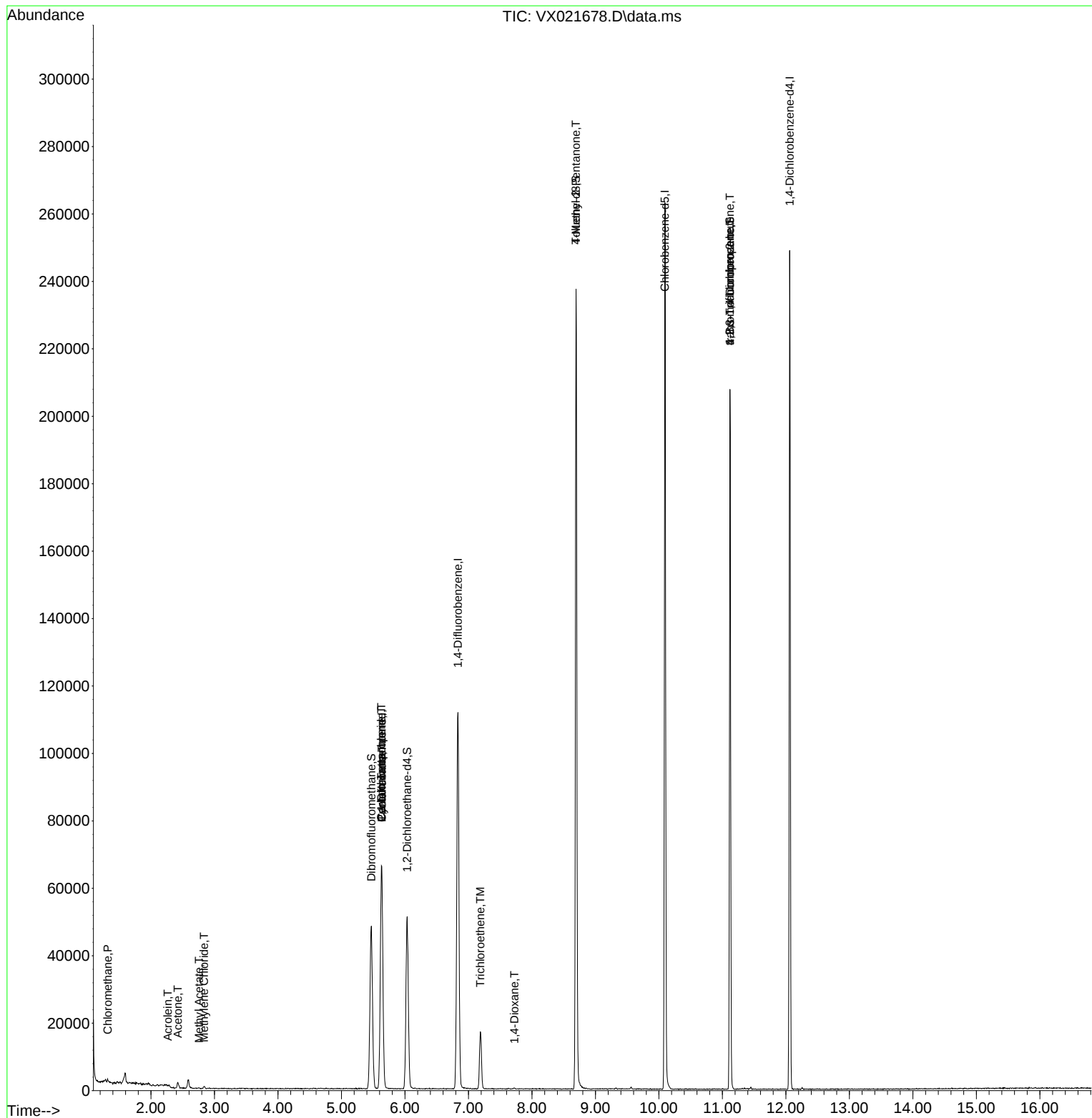
Internal Standards								
1) Pentafluorobenzene			5.635	168	58356	50.00	ug/l	0.00
34) 1,4-Difluorobenzene			6.835	114	105714	50.00	ug/l	0.00
63) Chlorobenzene-d5			10.094	117	109173	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4			12.059	152	46208	50.00	ug/l	0.00
System Monitoring Compounds								
33) 1,2-Dichloroethane-d4			6.035	65	50057	51.55	ug/l	0.00
Spiked Amount		50.000	Range 78 - 117		Recovery	= 103.10%		
35) Dibromofluoromethane			5.470	113	39423	52.50	ug/l	0.00
Spiked Amount		50.000	Range 75 - 124		Recovery	= 105.00%		
50) Toluene-d8			8.694	98	134688	50.33	ug/l	0.00
Spiked Amount		50.000	Range 92 - 112		Recovery	= 100.66%		
62) 4-Bromofluorobenzene			11.118	95	52982	50.93	ug/l	0.00
Spiked Amount		50.000	Range 83 - 123		Recovery	= 101.86%		
Target Compounds								
								Qvalue
3) Chloromethane			1.317	50	1357	1.88	ug/l	89
13) Acrolein			2.264	56	37	4.75	ug/l #	51
16) Acetone			2.423	43	1806	4.92	ug/l	89
18) Methyl Acetate			2.758	43	238	0.22	ug/l #	47
20) Methylene Chloride			2.834	84	294	0.41	ug/l #	86
31) Cyclohexane			5.635	56	1552	1.45	ug/l #	34
36) 1,1-Dichloropropene			5.629	75	5330	5.15	ug/l #	49
38) Carbon Tetrachloride			5.629	117	6303	5.66	ug/l #	17
44) Trichloroethene			7.188	130	6215	8.01	ug/l	94
49) 1,4-Dioxane			7.723	88	175	9.42	ug/l	94
51) 4-Methyl-2-Pentanone			8.694	43	789	0.66	ug/l #	1
76) 1,2,3-Trichloropropane			11.118	75	29720	27.63	ug/l #	38
81) trans-1,4-Dichloro-2-b...			11.118	75	29720	84.15	ug/l #	12

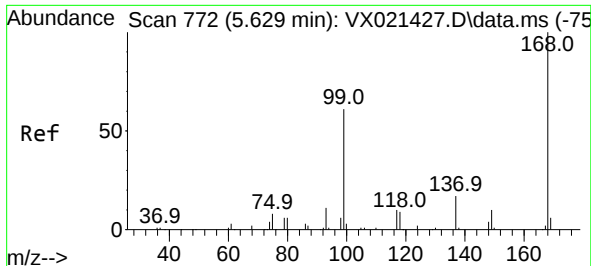
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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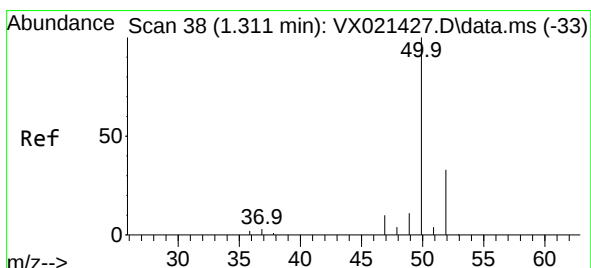
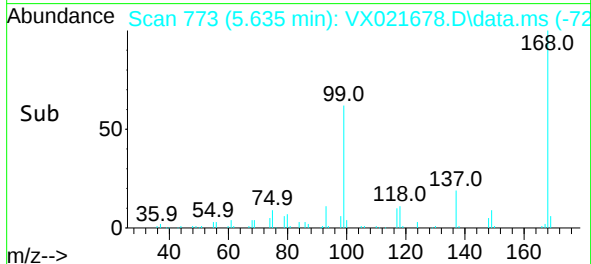
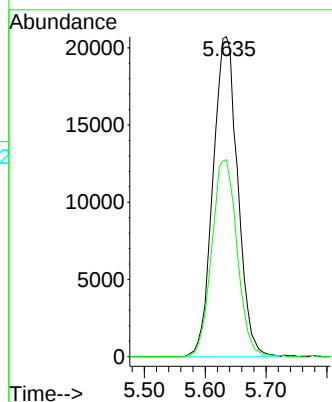
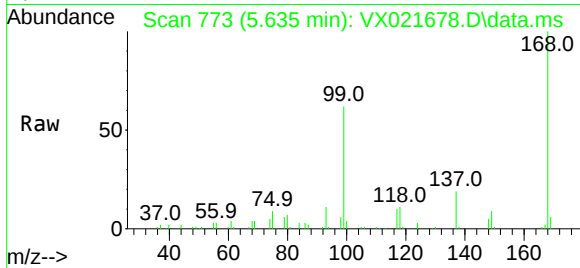




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.006 min
Lab File: VX021678.D
Acq: 31 Mar 2021 12:45

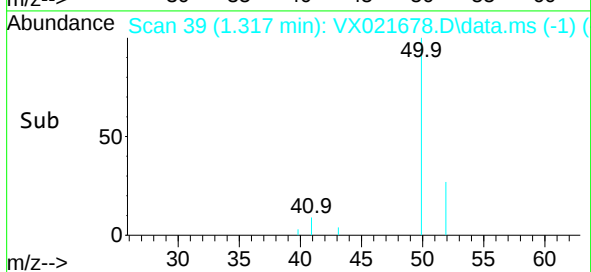
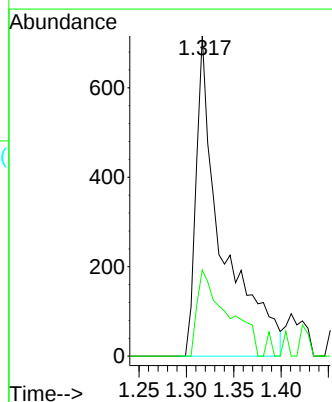
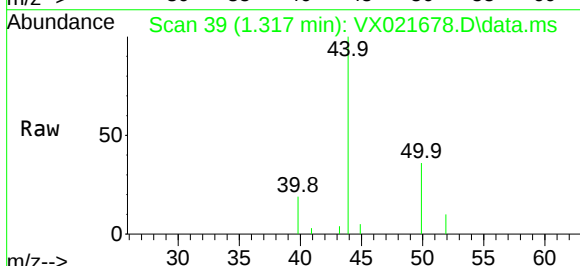
Instrument :
MSVOA_X
ClientSampleId :
RE123D1-20210324

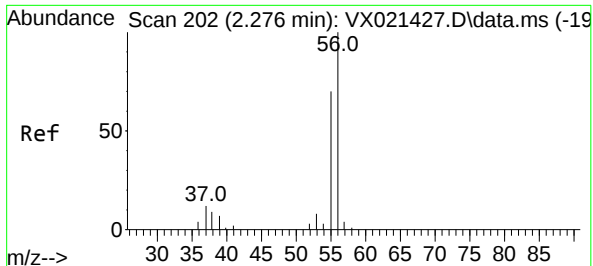
Tgt Ion:168 Resp: 58356
Ion Ratio Lower Upper
168 100
99 61.5 45.8 68.6



#3
Chloromethane
Concen: 1.88 ug/l
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021678.D
Acq: 31 Mar 2021 12:45

Tgt Ion: 50 Resp: 1357
Ion Ratio Lower Upper
50 100
52 27.0 26.4 39.6

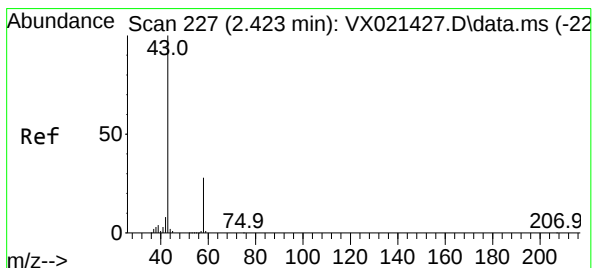
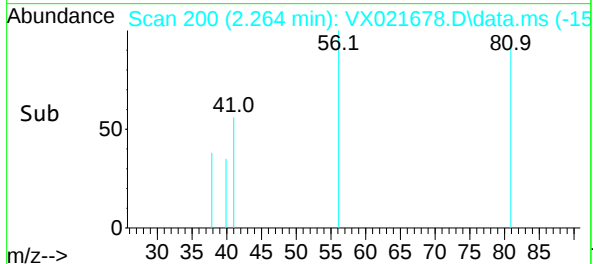
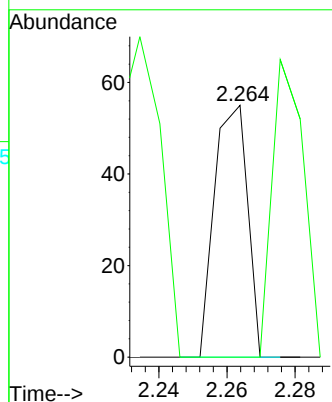
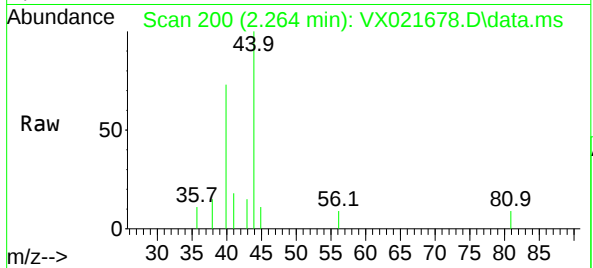




#13
Acrolein
Concen: 4.75 ug/l
RT: 2.264 min Scan# 200
Delta R.T. -0.012 min
Lab File: VX021678.D
Acq: 31 Mar 2021 12:45

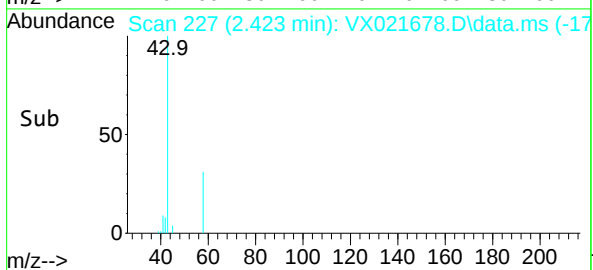
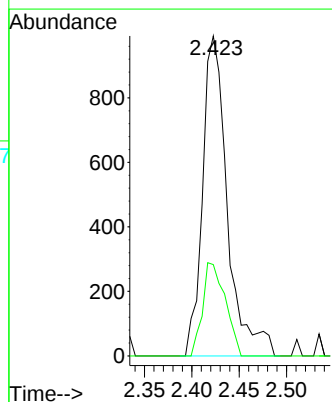
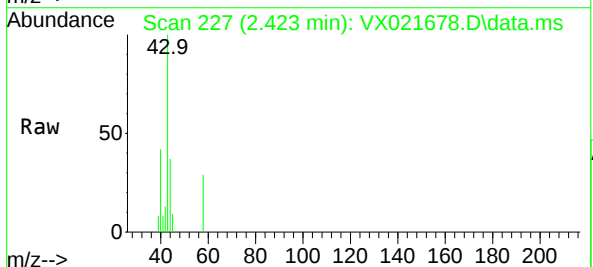
Instrument :
MSVOA_X
ClientSampleId :
RE123D1-20210324

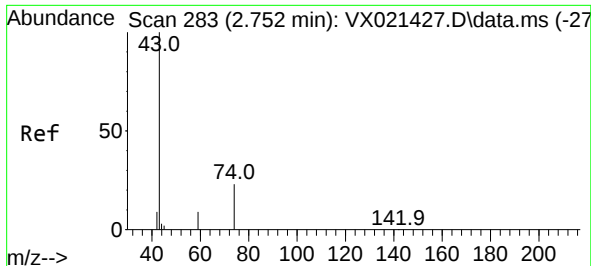
Tgt Ion: 56 Resp: 37
Ion Ratio Lower Upper
56 100
55 110.8 56.4 84.6#



#16
Acetone
Concen: 4.92 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021678.D
Acq: 31 Mar 2021 12:45

Tgt Ion: 43 Resp: 1806
Ion Ratio Lower Upper
43 100
58 28.5 27.8 41.8

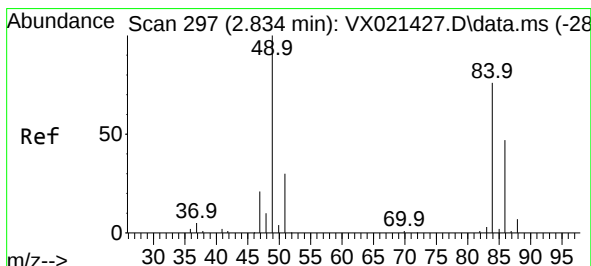
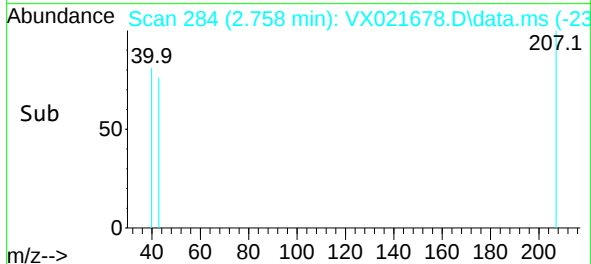
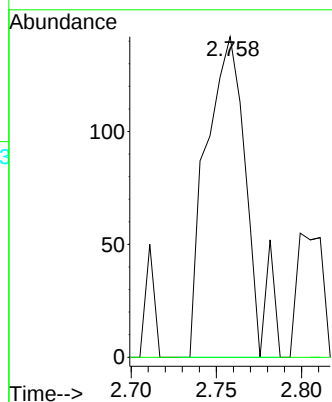
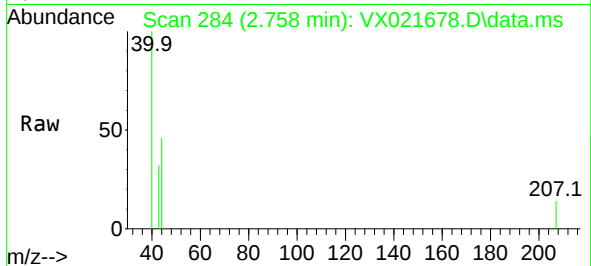




#18
Methyl Acetate
Concen: 0.22 ug/l
RT: 2.758 min Scan# 284
Delta R.T. 0.006 min
Lab File: VX021678.D
Acq: 31 Mar 2021 12:45

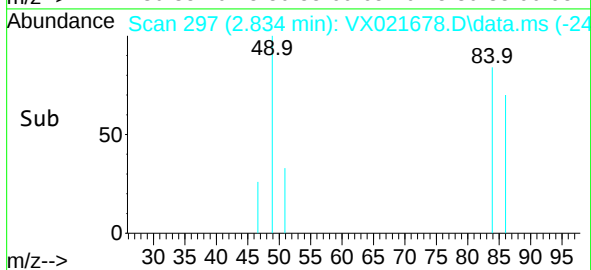
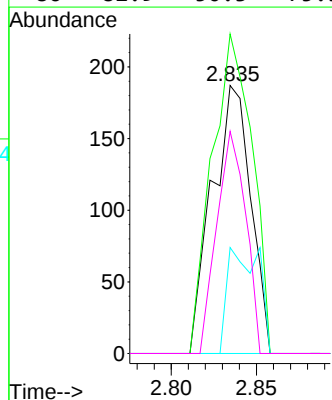
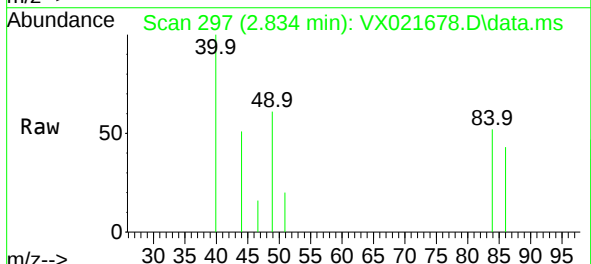
Instrument :
MSVOA_X
ClientSampleId :
RE123D1-20210324

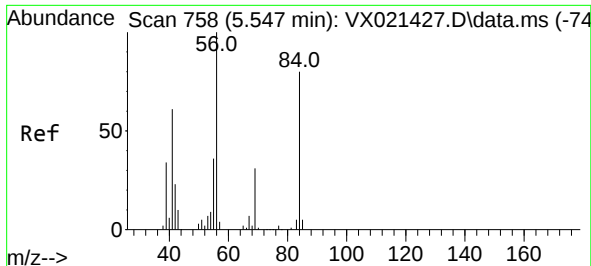
Tgt Ion: 43 Resp: 238
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



#20
Methylene Chloride
Concen: 0.41 ug/l
RT: 2.834 min Scan# 297
Delta R.T. 0.000 min
Lab File: VX021678.D
Acq: 31 Mar 2021 12:45

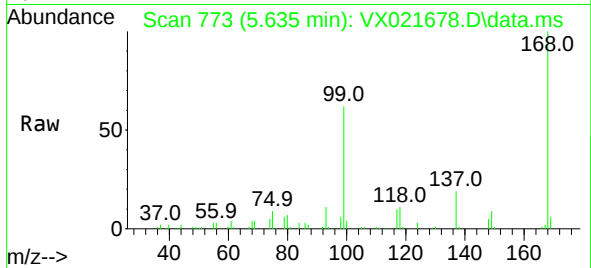
Tgt Ion: 84 Resp: 294
Ion Ratio Lower Upper
84 100
49 119.3 88.6 132.8
51 39.6 27.0 40.6
86 82.9 50.3 75.5#



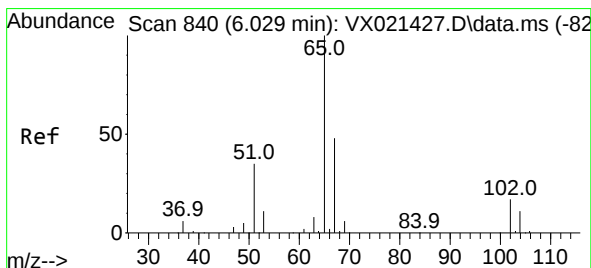
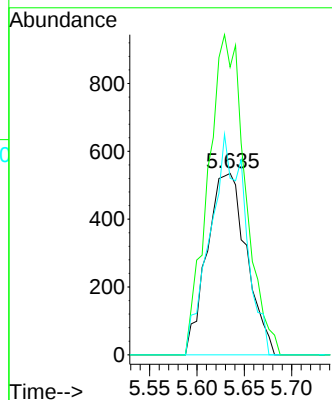
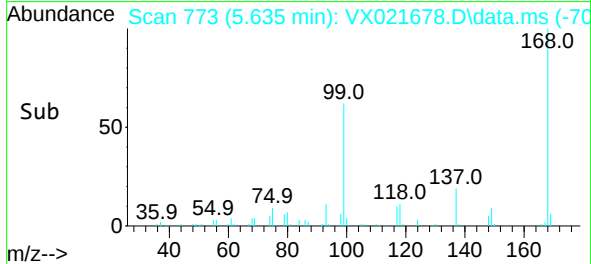


#31
Cyclohexane
Concen: 1.45 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.088 min
Lab File: VX021678.D
Acq: 31 Mar 2021 12:45

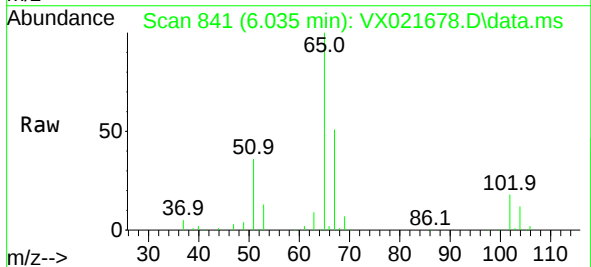
Instrument :
MSVOA_X
ClientSampleId :
RE123D1-20210324



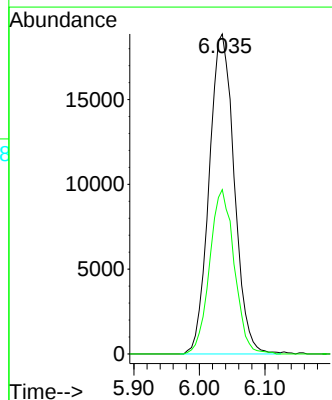
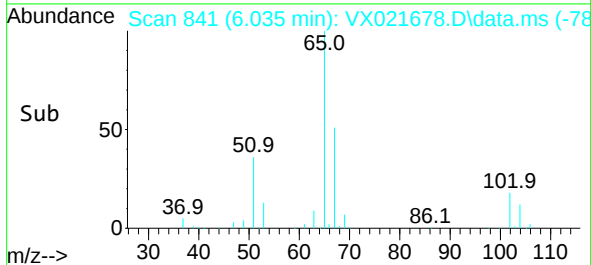
Tgt Ion: 56 Resp: 1552
Ion Ratio Lower Upper
56 100
69 158.5 25.3 37.9#
84 97.4 71.4 107.0

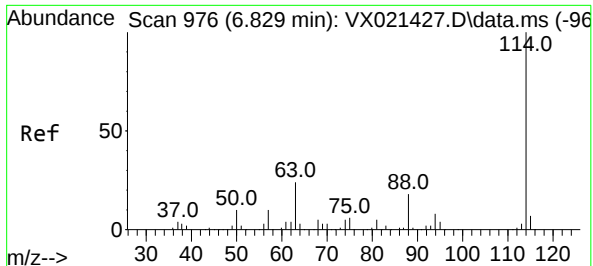


#33
1,2-Dichloroethane-d4
Concen: 51.55 ug/l
RT: 6.035 min Scan# 841
Delta R.T. 0.006 min
Lab File: VX021678.D
Acq: 31 Mar 2021 12:45



Tgt Ion: 65 Resp: 50057
Ion Ratio Lower Upper
65 100
67 50.4 0.0 105.4





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.835 min Scan# 977

Delta R.T. 0.006 min

Lab File: VX021678.D

Acq: 31 Mar 2021 12:45

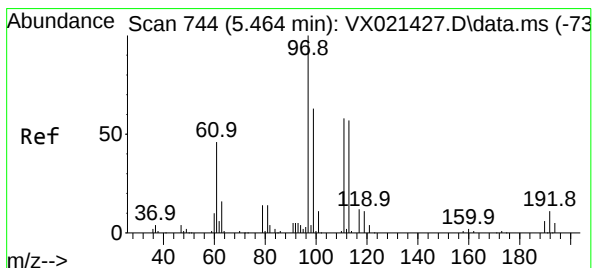
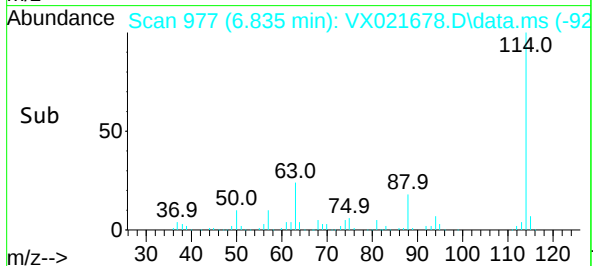
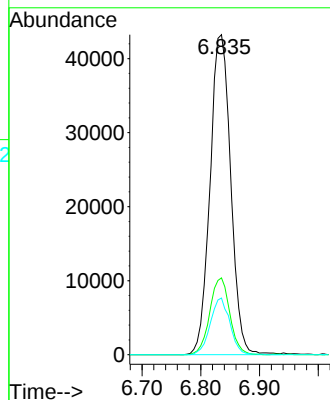
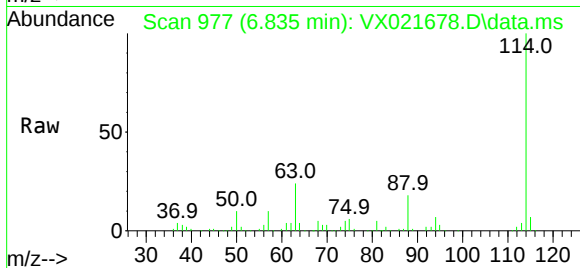
Tgt Ion:114 Resp: 105714

Ion Ratio Lower Upper

114 100

63 24.0 0.0 40.8

88 17.7 0.0 32.8



#35

Dibromofluoromethane

Concen: 52.50 ug/l

RT: 5.470 min Scan# 745

Delta R.T. 0.006 min

Lab File: VX021678.D

Acq: 31 Mar 2021 12:45

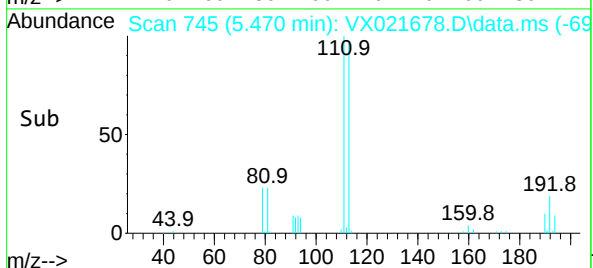
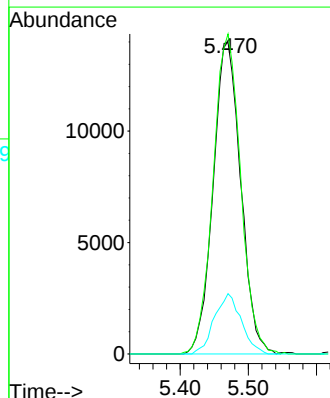
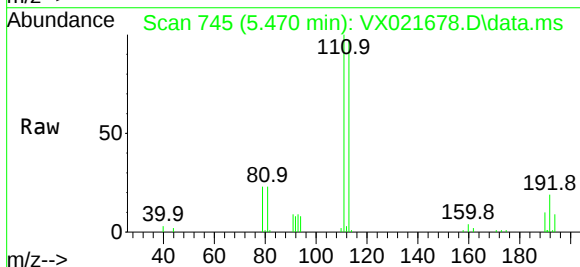
Tgt Ion:113 Resp: 39423

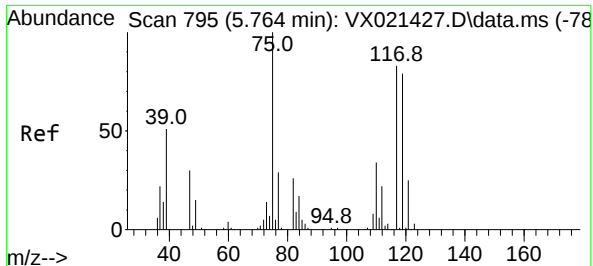
Ion Ratio Lower Upper

113 100

111 102.7 81.9 122.9

192 18.8 16.7 25.1





#36

1,1-Dichloropropene

Concen: 5.15 ug/l

RT: 5.629 min Scan# 772

Delta R.T. -0.135 min

Lab File: VX021678.D

Acq: 31 Mar 2021 12:45

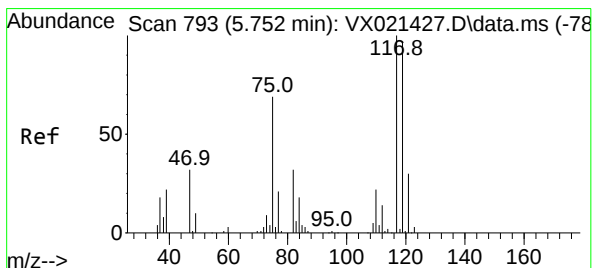
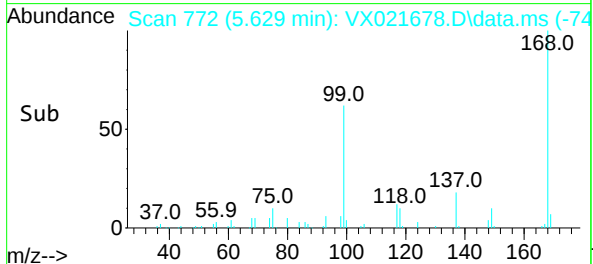
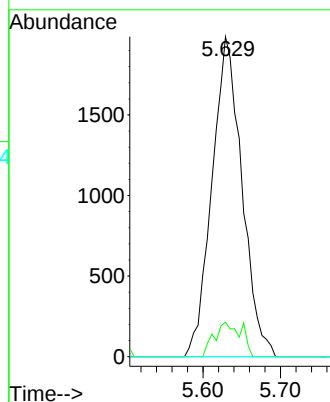
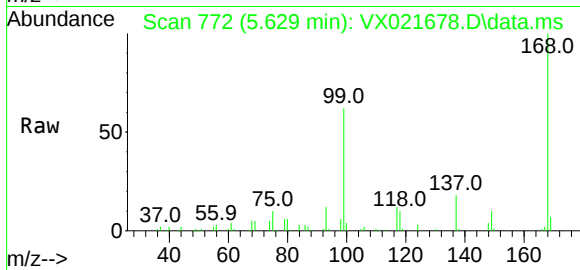
Tgt Ion:	75	Resp:	5330
Ion	Ratio	Lower	Upper
75	100		
110	9.7	18.1	54.4#
77	0.0	25.3	37.9#

Instrument :

MSVOA_X

ClientSampleId :

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#38

Carbon Tetrachloride

Concen: 5.66 ug/l

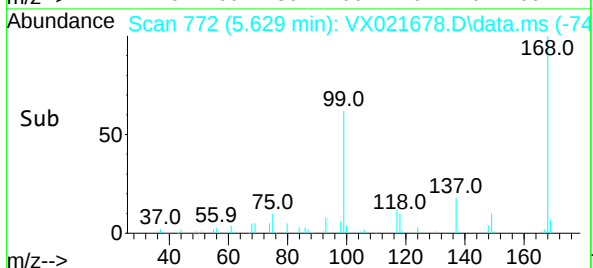
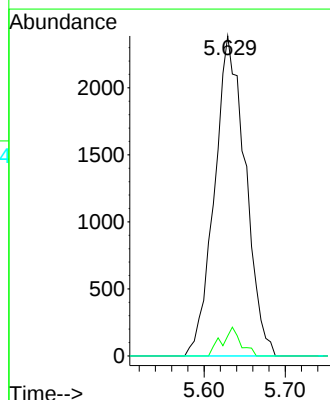
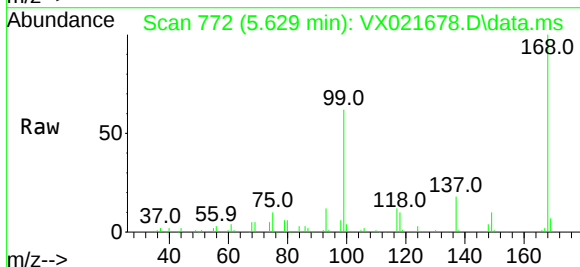
RT: 5.629 min Scan# 772

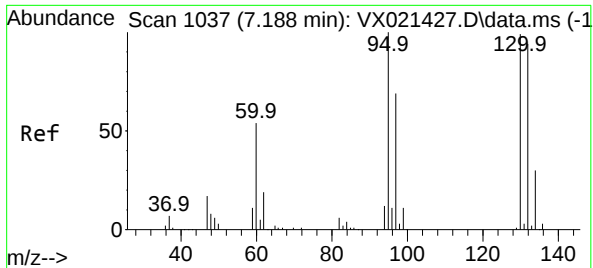
Delta R.T. -0.123 min

Lab File: VX021678.D

Acq: 31 Mar 2021 12:45

Tgt Ion:	117	Resp:	6303
Ion	Ratio	Lower	Upper
117	100		
119	6.2	76.2	114.2#
121	0.0	24.8	37.2#

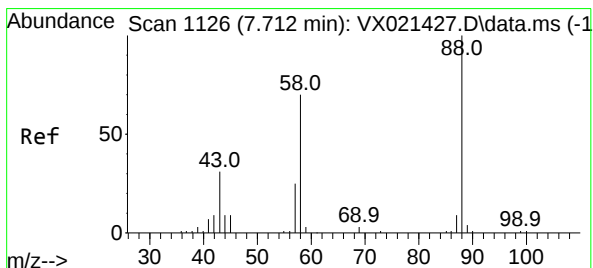
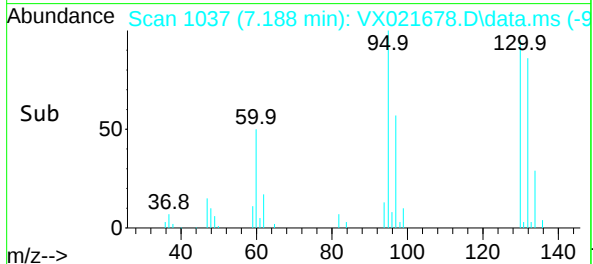
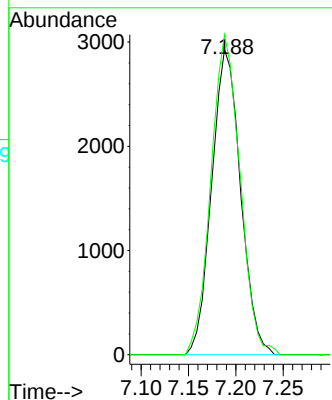
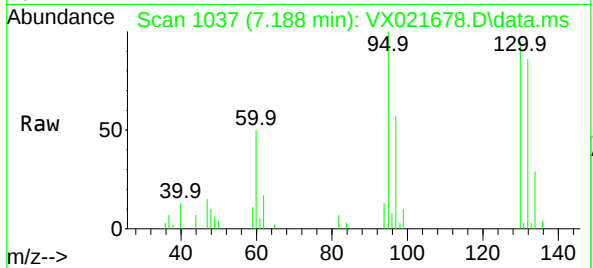




#44
Trichloroethene
Concen: 8.01 ug/l
RT: 7.188 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VX021678.D
Acq: 31 Mar 2021 12:45

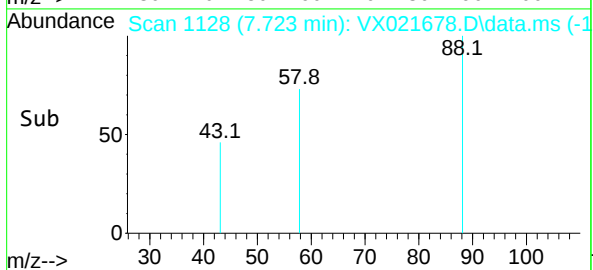
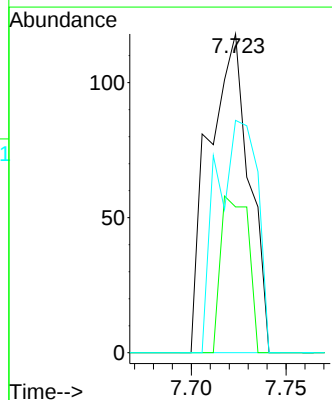
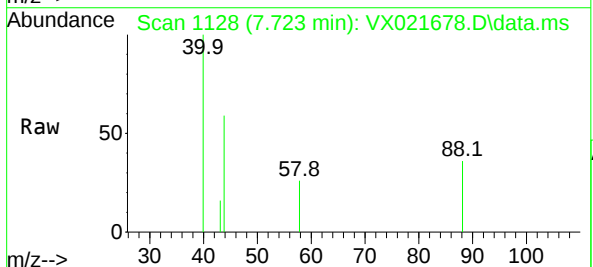
Instrument :
MSVOA_X
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RE123D1-20210324

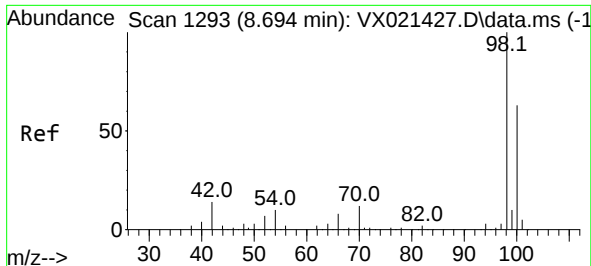
Tgt Ion:130 Resp: 6215
Ion Ratio Lower Upper
130 100
95 104.8 0.0 198.0



#49
1,4-Dioxane
Concen: 9.42 ug/l
RT: 7.723 min Scan# 1128
Delta R.T. 0.011 min
Lab File: VX021678.D
Acq: 31 Mar 2021 12:45

Tgt Ion: 88 Resp: 175
Ion Ratio Lower Upper
88 100
43 33.7 23.2 34.8
58 73.1 55.0 82.4





#50

Toluene-d8

Concen: 50.33 ug/l

RT: 8.694 min Scan# 1293

Delta R.T. 0.000 min

Lab File: VX021678.D

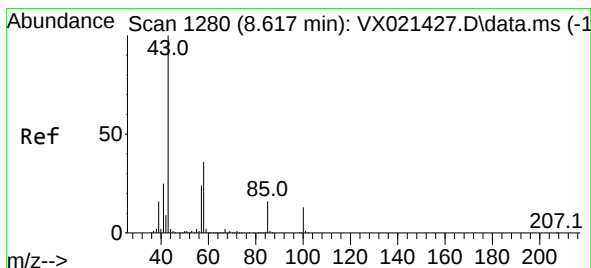
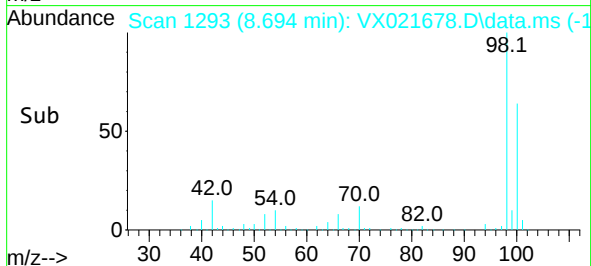
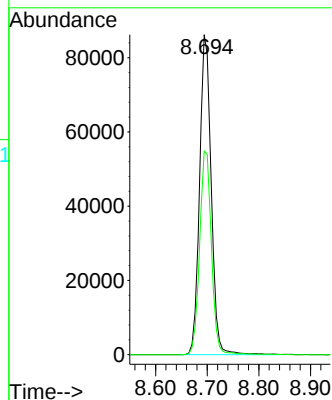
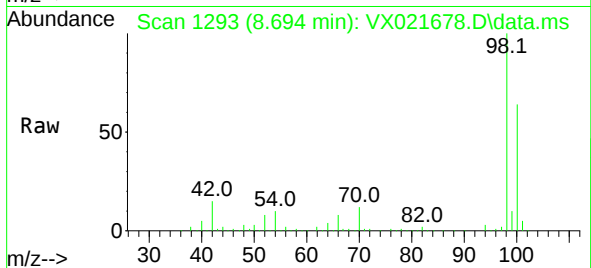
Acq: 31 Mar 2021 12:45

Tgt Ion: 98 Resp: 134688

Ion Ratio Lower Upper

98 100

100 64.6 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 0.66 ug/l

RT: 8.694 min Scan# 1293

Delta R.T. 0.077 min

Lab File: VX021678.D

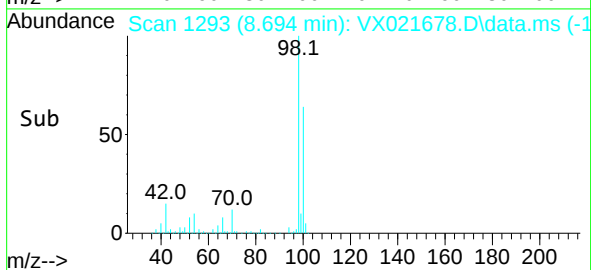
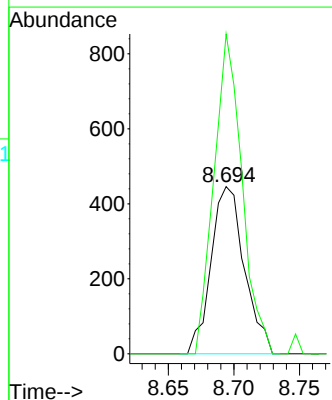
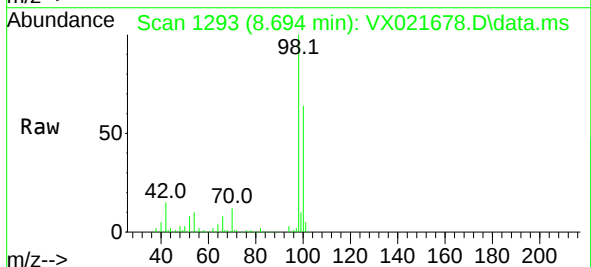
Acq: 31 Mar 2021 12:45

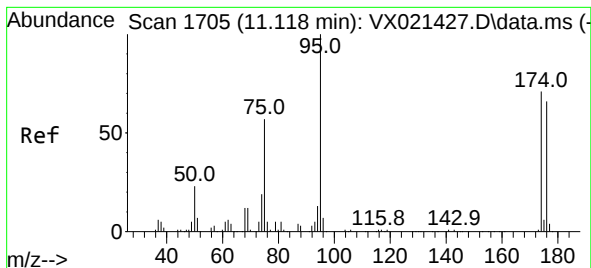
Tgt Ion: 43 Resp: 789

Ion Ratio Lower Upper

43 100

58 161.1 35.4 53.0#

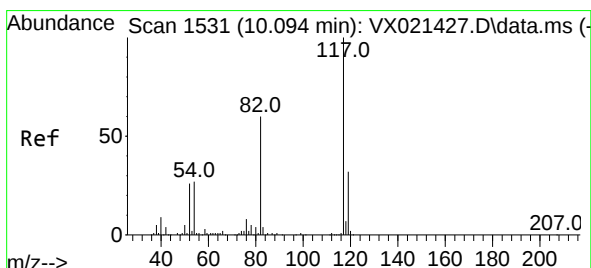
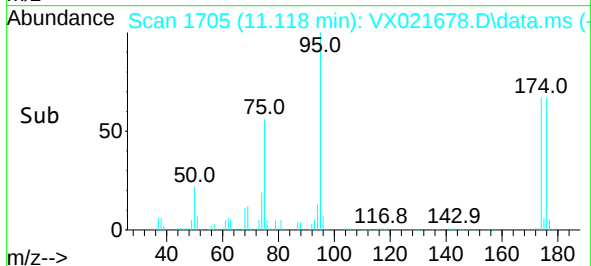
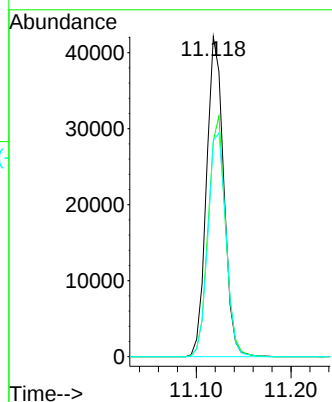
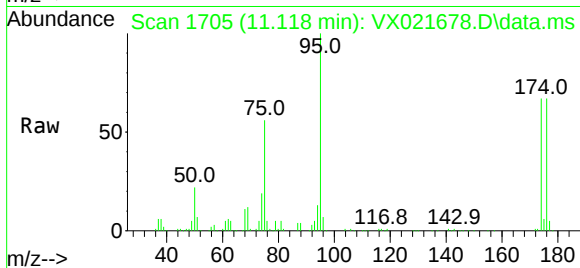




#62
4-Bromofluorobenzene
Concen: 50.93 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021678.D
Acq: 31 Mar 2021 12:45

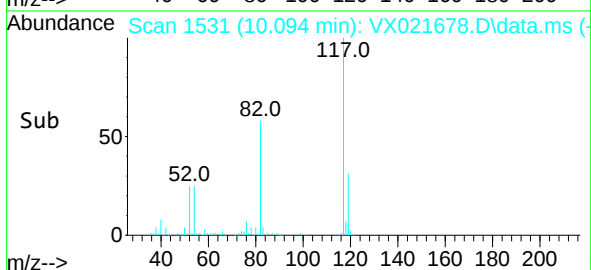
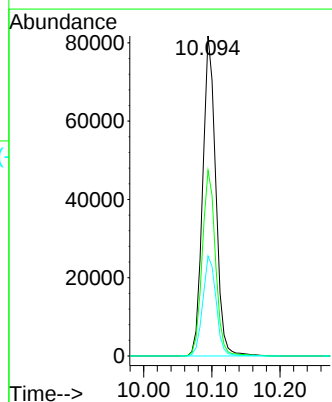
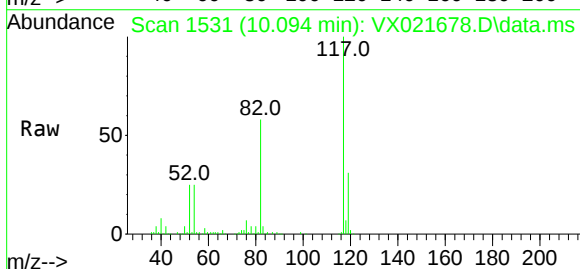
Instrument :
MSVOA_X
ClientSampleId :
RE123D1-20210324

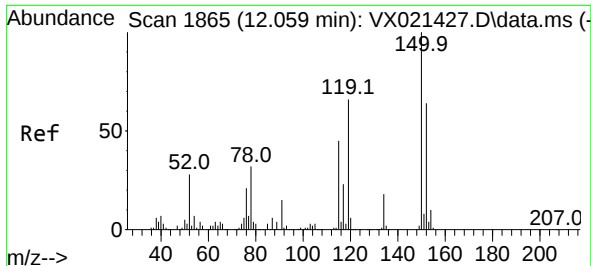
Tgt Ion: 95 Resp: 52982
Ion Ratio Lower Upper
95 100
174 75.4 0.0 154.6
176 73.0 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021678.D
Acq: 31 Mar 2021 12:45

Tgt Ion: 117 Resp: 109173
Ion Ratio Lower Upper
117 100
82 58.0 47.4 71.2
119 31.3 26.6 39.8

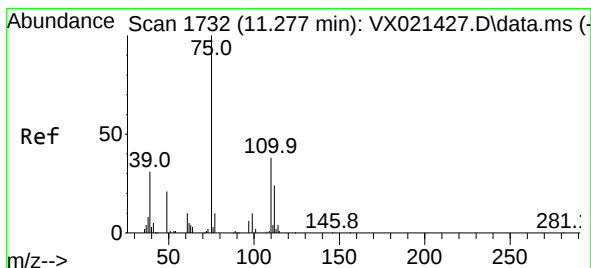
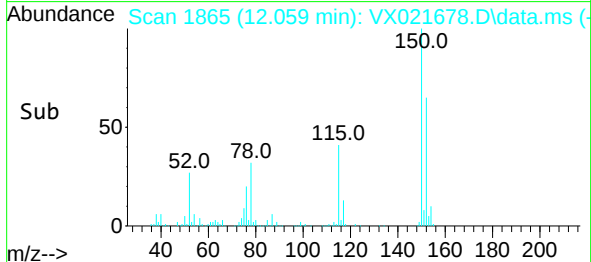
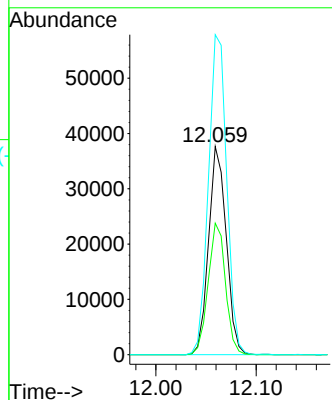
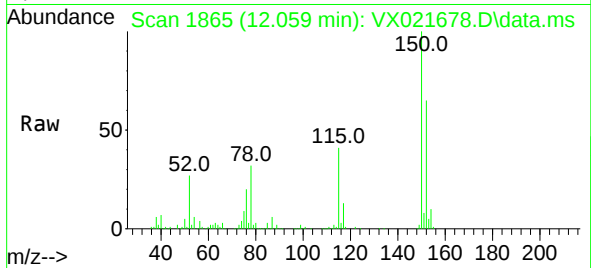




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.059 min Scan# 1865
 Delta R.T. 0.000 min
 Lab File: VX021678.D
 Acq: 31 Mar 2021 12:45

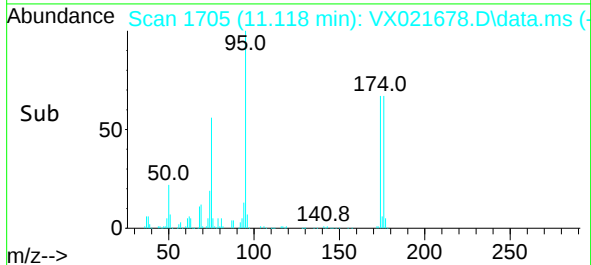
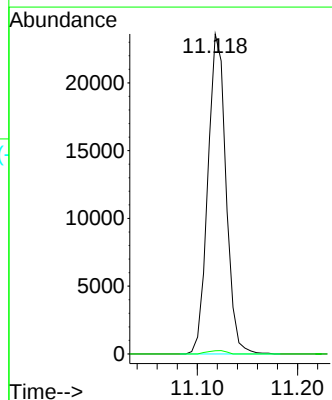
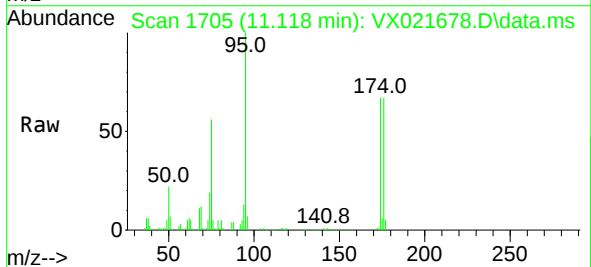
Instrument :
 MSVOA_X
 ClientSampleId :
 RE123D1-20210324

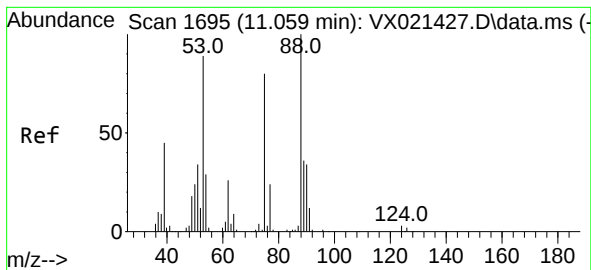
Tgt Ion:152 Resp: 46208
 Ion Ratio Lower Upper
 152 100
 115 62.0 41.1 123.3
 150 158.8 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 27.63 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. -0.159 min
 Lab File: VX021678.D
 Acq: 31 Mar 2021 12:45

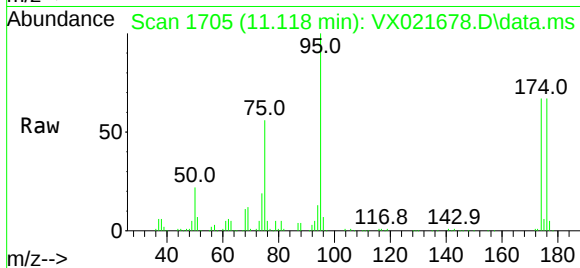
Tgt Ion: 75 Resp: 29720
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 84.15 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. 0.059 min
 Lab File: VX021678.D
 Acq: 31 Mar 2021 12:45

Instrument :
 MSVOA_X
 ClientSampleId :
 RE123D1-20210324



Tgt Ion: 75 Resp: 29720
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

