

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032521\
 Data File : VX021485.D
 Acq On : 25 Mar 2021 14:59
 Operator : JC/MD
 Sample : M1758-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 26 03:14:42 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)

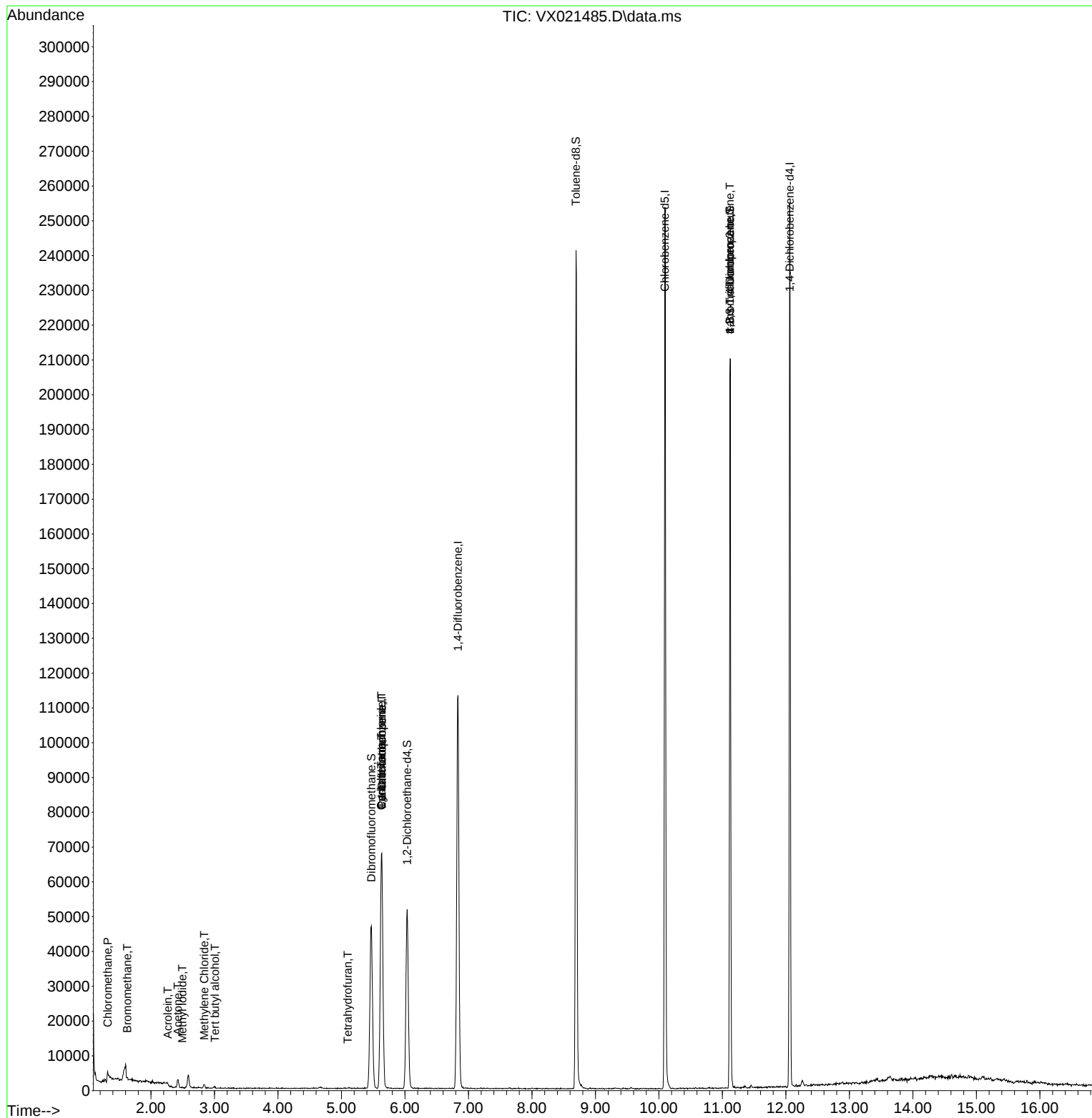
Internal Standards						
1) Pentafluorobenzene	5.635	168	59002	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.835	114	107351	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	107822	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	47950	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.035	65	50619	51.56	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.12%	
35) Dibromofluoromethane	5.470	113	38702	50.75	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.50%	
50) Toluene-d8	8.694	98	136128	50.10	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.20%	
62) 4-Bromofluorobenzene	11.118	95	54454	51.54	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 103.08%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.316	50	2616	3.55	ug/l #	86
5) Bromomethane	1.628	94	55	0.21	ug/l	100
10) Methyl Iodide	2.493	142	52	6.74	ug/l #	42
11) Tert butyl alcohol	3.005	59	252	1.55	ug/l #	73
13) Acrolein	2.264	56	40	4.78	ug/l	87
16) Acetone	2.422	43	2604	7.02	ug/l #	83
20) Methylene Chloride	2.840	84	366	0.51	ug/l #	70
29) Tetrahydrofuran	5.099	42	112	0.31	ug/l #	27
31) Cyclohexane	5.629	56	1649	1.53	ug/l #	18
36) 1,1-Dichloropropene	5.635	75	5415	5.15	ug/l #	48
38) Carbon Tetrachloride	5.629	117	6619	5.86	ug/l #	18
76) 1,2,3-Trichloropropane	11.118	75	30761	27.56	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	30761	83.94	ug/l #	12

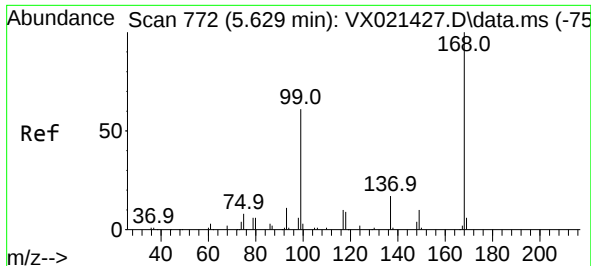
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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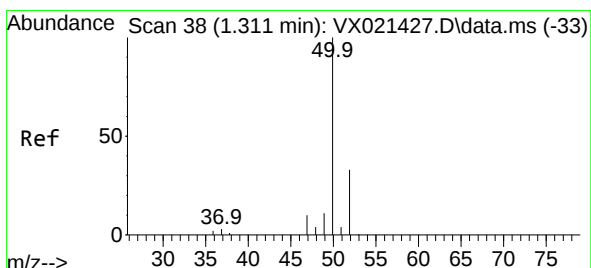
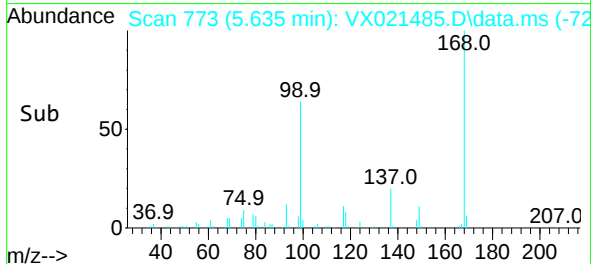
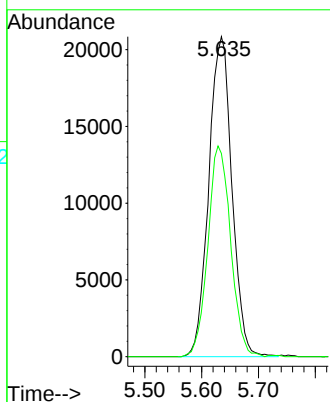
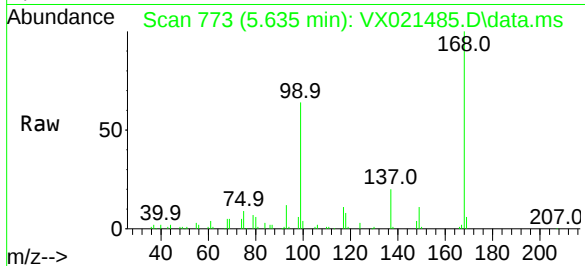




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.006 min
Lab File: VX021485.D
Acq: 25 Mar 2021 14:59

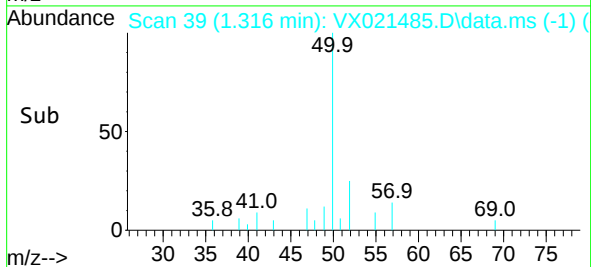
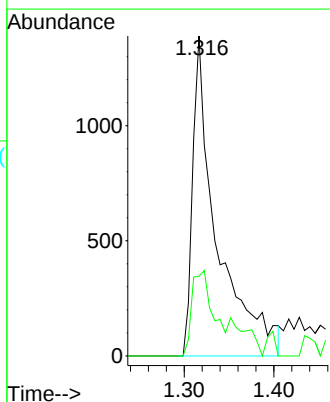
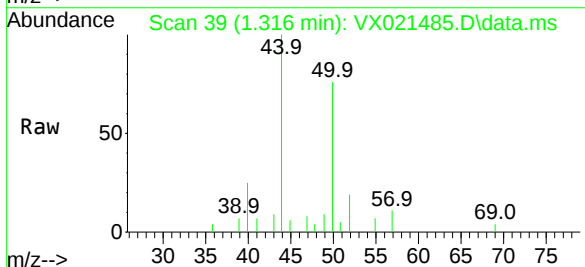
Instrument :
MSVOA_X
ClientSampled :

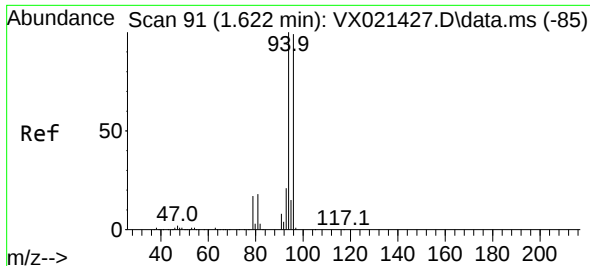
Tgt Ion:168 Resp: 59002
Ion Ratio Lower Upper
168 100
99 63.5 45.8 68.6



#3
Chloromethane
Concen: 3.55 ug/l
RT: 1.316 min Scan# 39
Delta R.T. 0.005 min
Lab File: VX021485.D
Acq: 25 Mar 2021 14:59

Tgt Ion: 50 Resp: 2616
Ion Ratio Lower Upper
50 100
52 24.8 26.4 39.6#

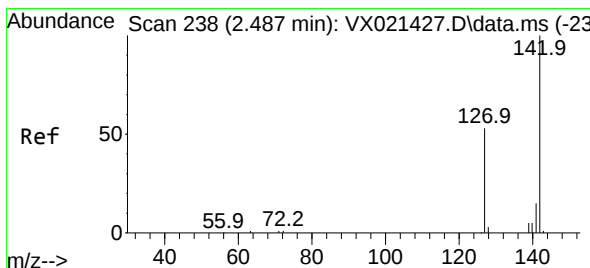
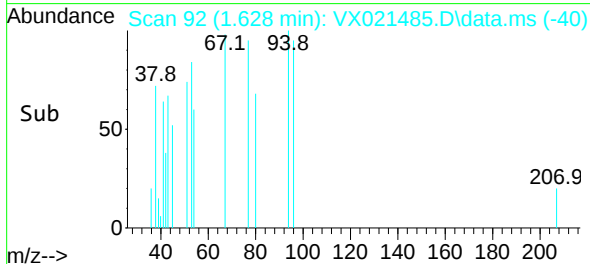
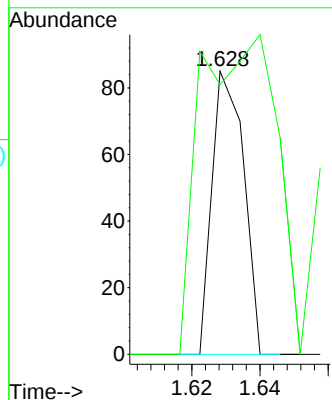
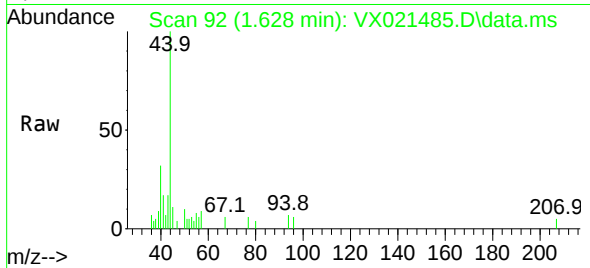




#5
Bromomethane
Concen: 0.21 ug/l
RT: 1.628 min Scan# 92
Delta R.T. 0.006 min
Lab File: VX021485.D
Acq: 25 Mar 2021 14:59

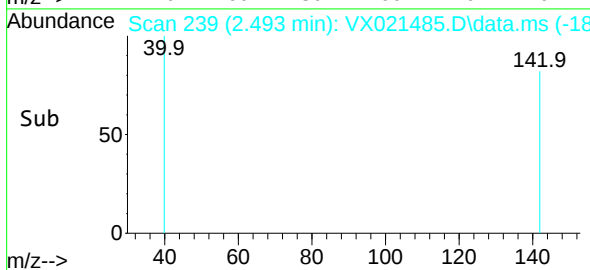
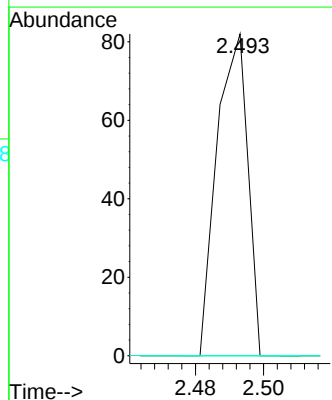
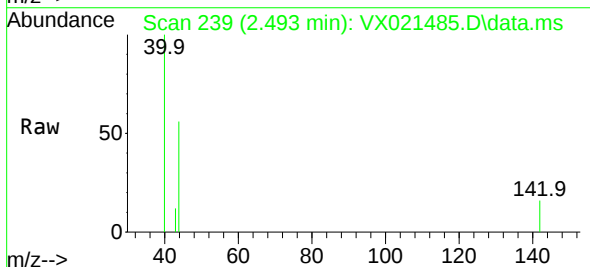
Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 94 Resp: 55
Ion Ratio Lower Upper
94 100
96 95.3 76.4 114.6



#10
Methyl Iodide
Concen: 6.74 ug/l
RT: 2.493 min Scan# 239
Delta R.T. 0.006 min
Lab File: VX021485.D
Acq: 25 Mar 2021 14:59

Tgt Ion: 142 Resp: 52
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#



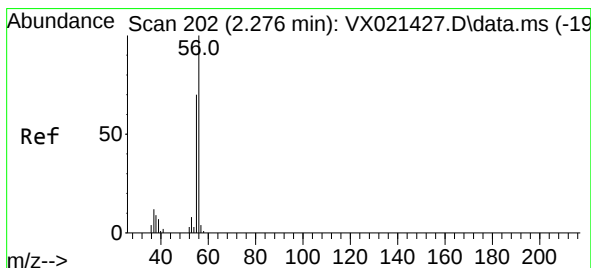
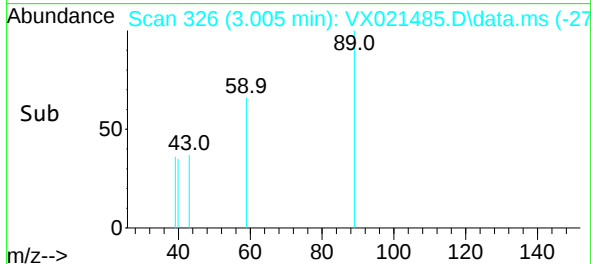
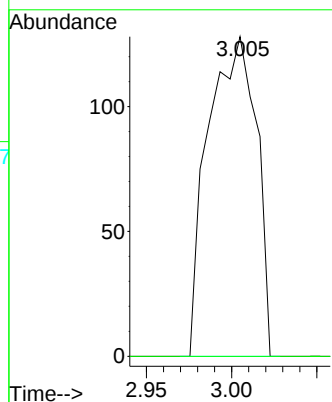
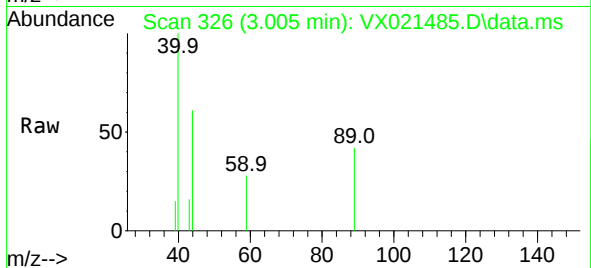


#11

Tert butyl alcohol
Concen: 1.55 ug/l
RT: 3.005 min Scan# 326
Delta R.T. -0.018 min
Lab File: VX021485.D
Acq: 25 Mar 2021 14:59

Instrument :
MSVOA_X
ClientSampled :

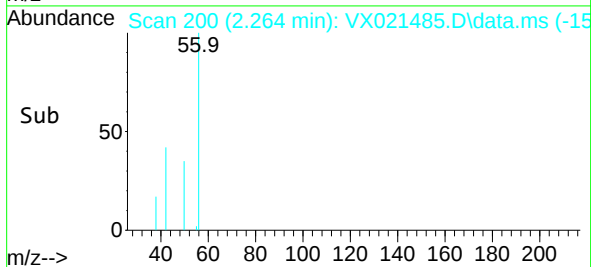
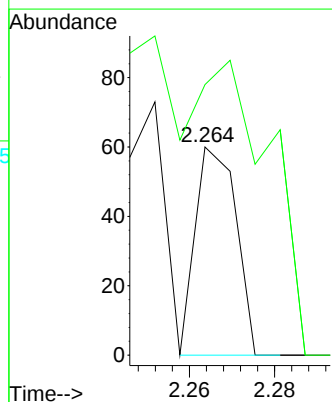
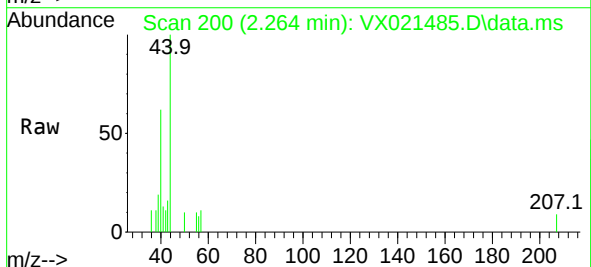
Tgt Ion: 59 Resp: 252
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#13

Acrolein
Concen: 4.78 ug/l
RT: 2.264 min Scan# 200
Delta R.T. -0.012 min
Lab File: VX021485.D
Acq: 25 Mar 2021 14:59

Tgt Ion: 56 Resp: 40
Ion Ratio Lower Upper
56 100
55 60.0 56.4 84.6

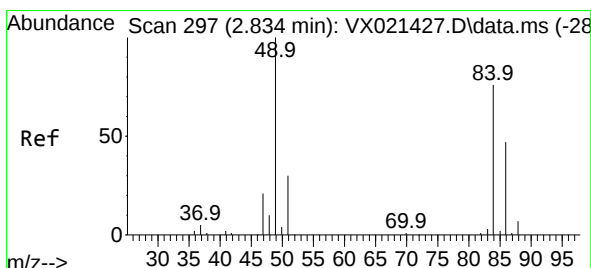
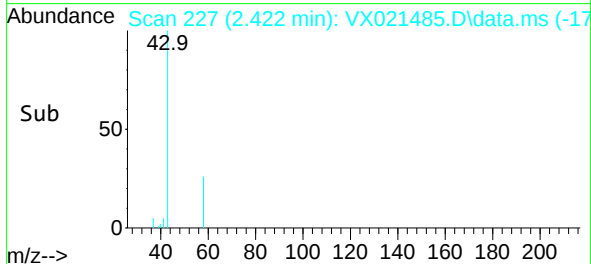
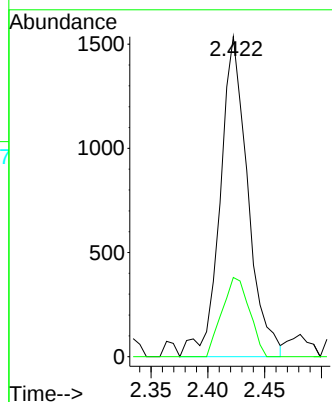
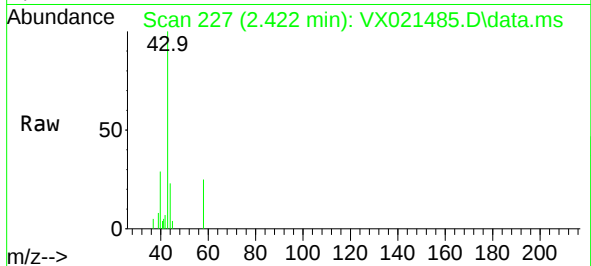




#16
Acetone
Concen: 7.02 ug/l
RT: 2.422 min Scan# 227
Delta R.T. -0.001 min
Lab File: VX021485.D
Acq: 25 Mar 2021 14:59

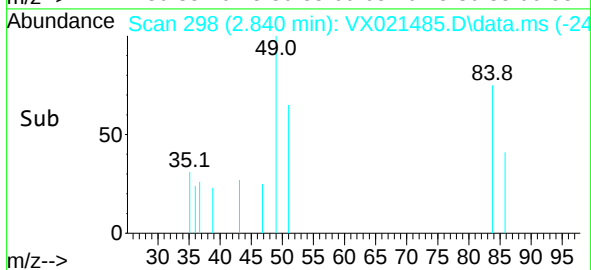
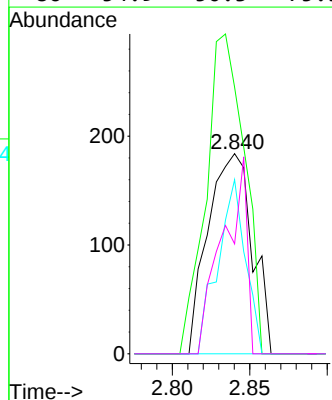
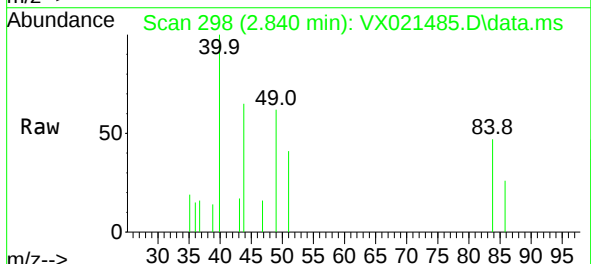
Instrument :
MSVOA_X
ClientSampled :

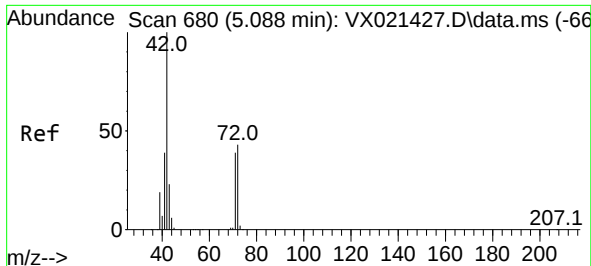
Tgt Ion: 43 Resp: 2604
Ion Ratio Lower Upper
43 100
58 24.7 27.8 41.8#



#20
Methylene Chloride
Concen: 0.51 ug/l
RT: 2.840 min Scan# 298
Delta R.T. 0.006 min
Lab File: VX021485.D
Acq: 25 Mar 2021 14:59

Tgt Ion: 84 Resp: 366
Ion Ratio Lower Upper
84 100
49 133.2 88.6 132.8#
51 87.0 27.0 40.6#
86 54.9 50.3 75.5





#29

Tetrahydrofuran

Concen: 0.31 ug/l

RT: 5.099 min Scan# 682

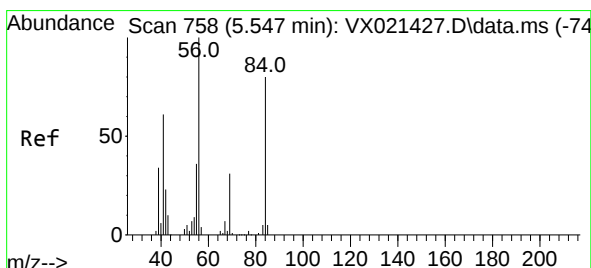
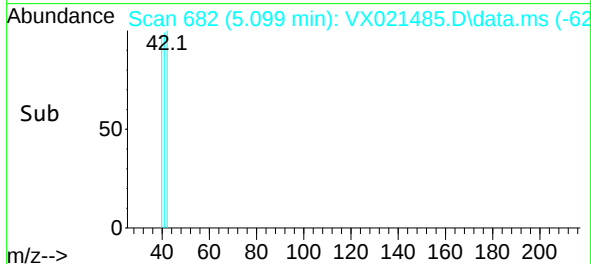
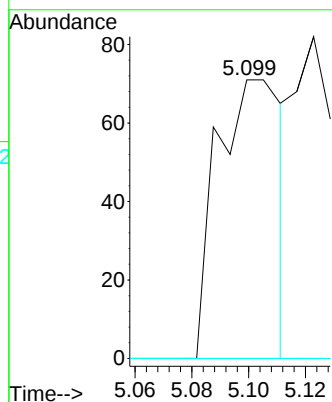
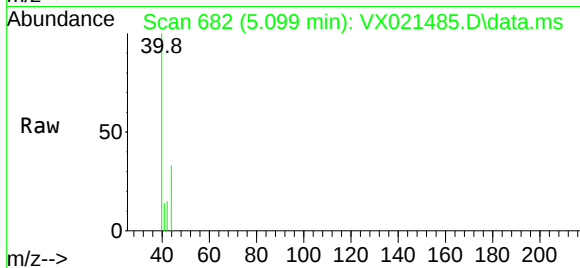
Delta R.T. 0.011 min

Lab File: VX021485.D

Acq: 25 Mar 2021 14:59

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 42	Resp: 112
Ion Ratio	Lower Upper
42 100	
72 0.0	41.7 62.5#
71 0.0	38.4 57.6#



#31

Cyclohexane

Concen: 1.53 ug/l

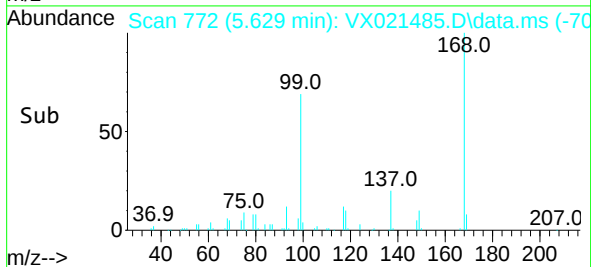
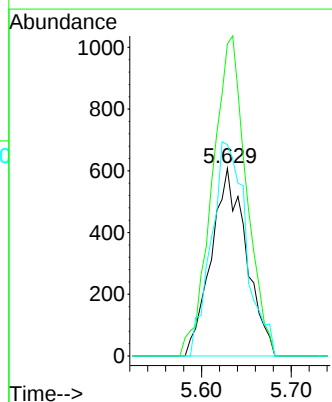
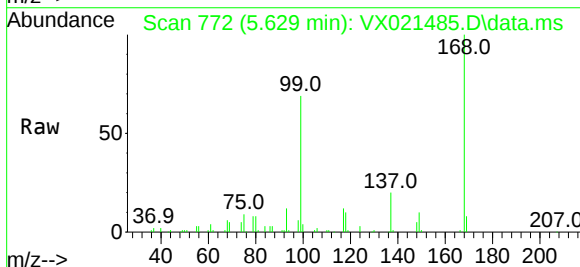
RT: 5.629 min Scan# 772

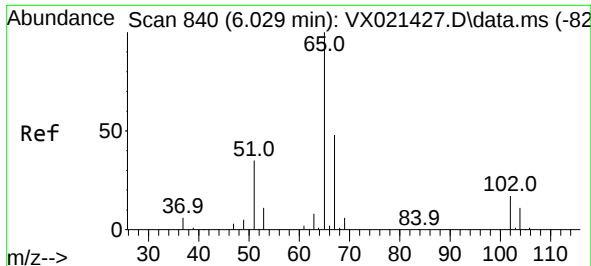
Delta R.T. 0.082 min

Lab File: VX021485.D

Acq: 25 Mar 2021 14:59

Tgt Ion: 56	Resp: 1649
Ion Ratio	Lower Upper
56 100	
69 166.3	25.3 37.9#
84 112.7	71.4 107.0#

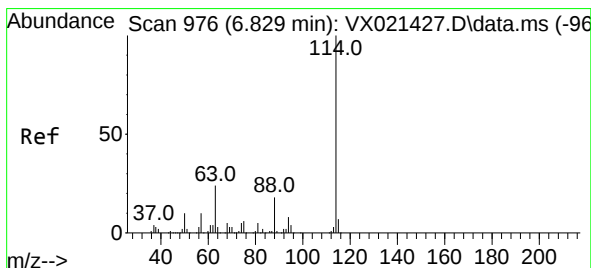
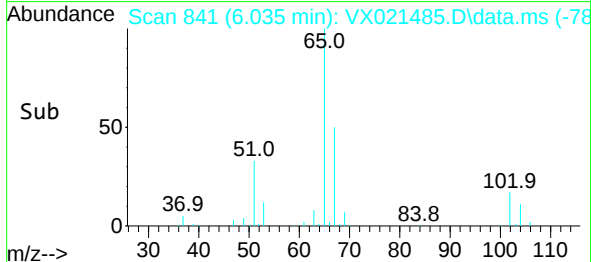
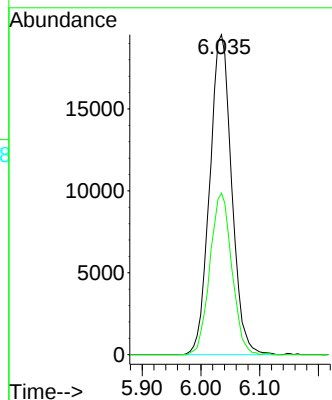
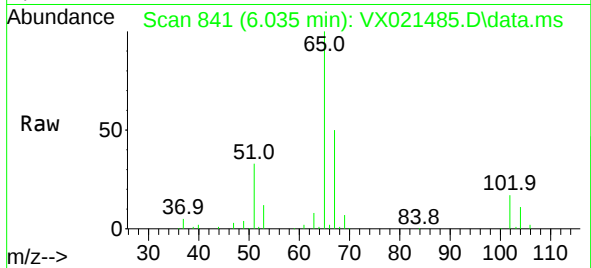




#33
 1,2-Dichloroethane-d4
 Concen: 51.56 ug/l
 RT: 6.035 min Scan# 841
 Delta R.T. 0.006 min
 Lab File: VX021485.D
 Acq: 25 Mar 2021 14:59

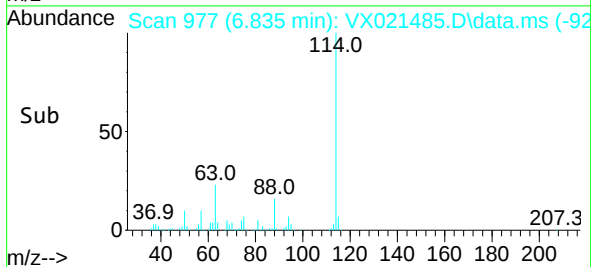
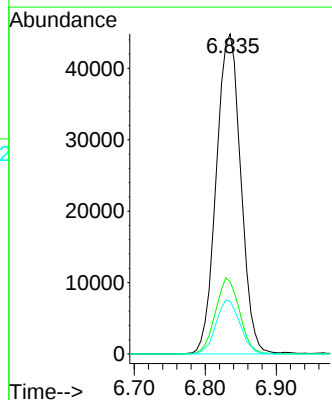
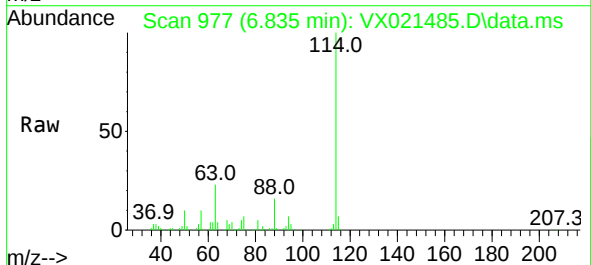
Instrument :
 MSVOA_X
 ClientSampled :

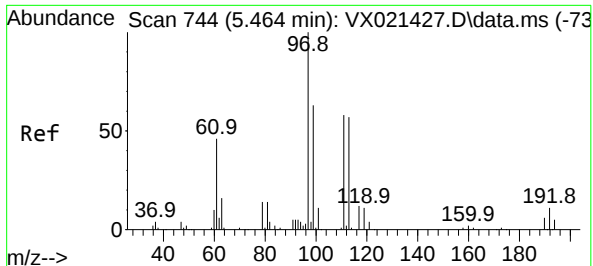
Tgt Ion: 65 Resp: 50619
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.835 min Scan# 977
 Delta R.T. 0.006 min
 Lab File: VX021485.D
 Acq: 25 Mar 2021 14:59

Tgt Ion: 114 Resp: 107351
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 40.8
 88 16.4 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.75 ug/l

RT: 5.470 min Scan# 745

Delta R.T. 0.006 min

Lab File: VX021485.D

Acq: 25 Mar 2021 14:59

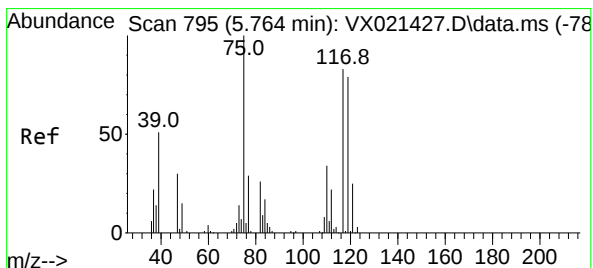
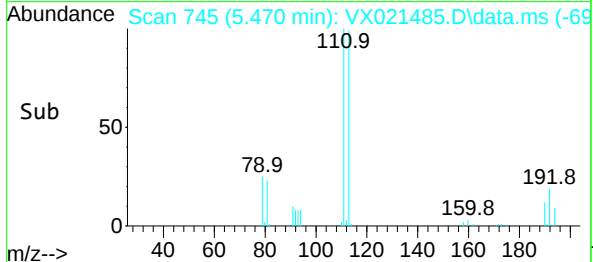
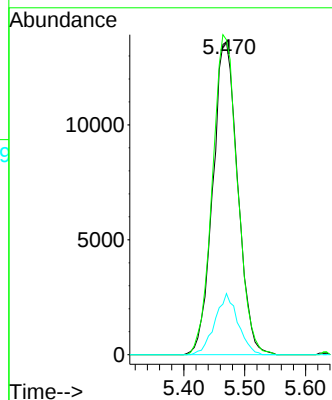
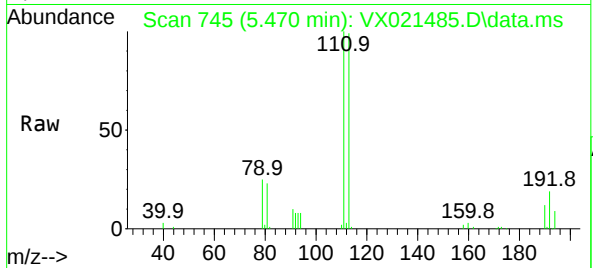
Tgt Ion:113 Resp: 38702

Ion Ratio Lower Upper

113 100

111 102.8 81.9 122.9

192 18.0 16.7 25.1



#36

1,1-Dichloropropene

Concen: 5.15 ug/l

RT: 5.635 min Scan# 773

Delta R.T. -0.129 min

Lab File: VX021485.D

Acq: 25 Mar 2021 14:59

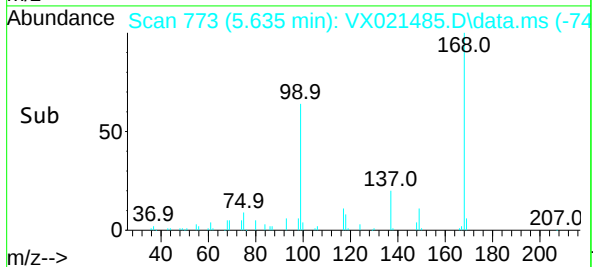
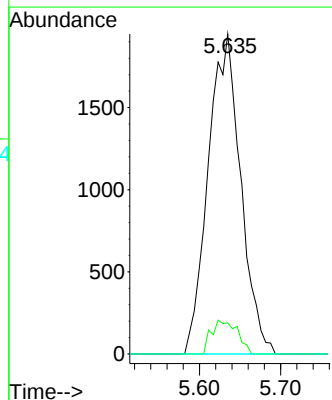
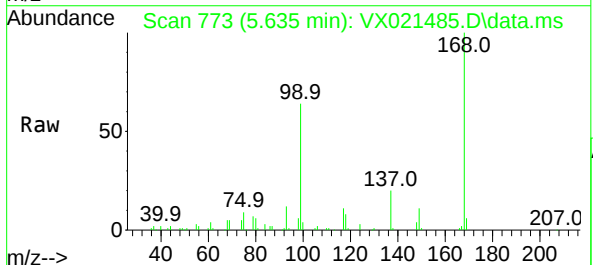
Tgt Ion: 75 Resp: 5415

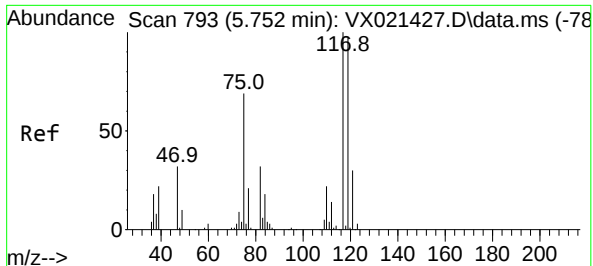
Ion Ratio Lower Upper

75 100

110 8.4 18.1 54.4#

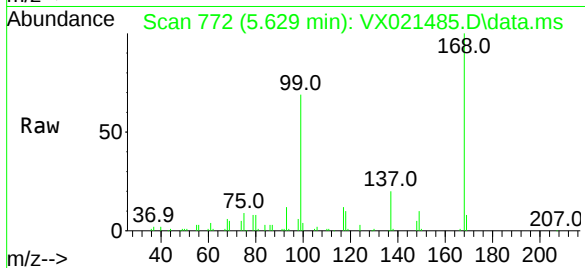
77 0.0 25.3 37.9#



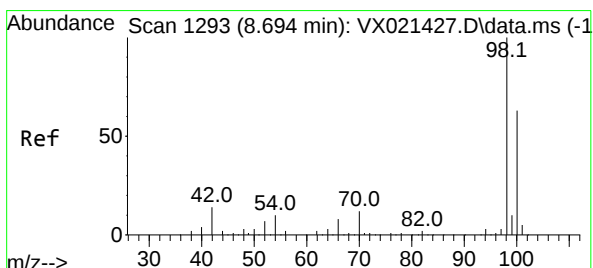
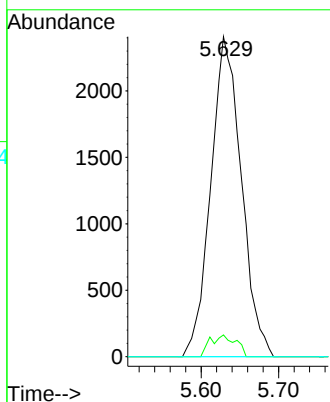
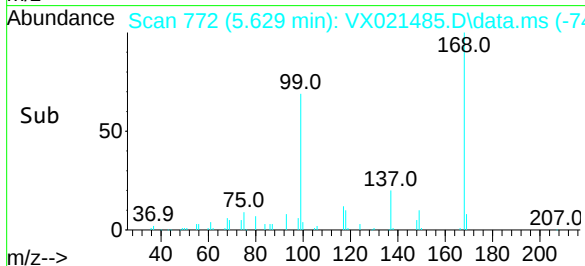


#38
Carbon Tetrachloride
Concen: 5.86 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.123 min
Lab File: VX021485.D
Acq: 25 Mar 2021 14:59

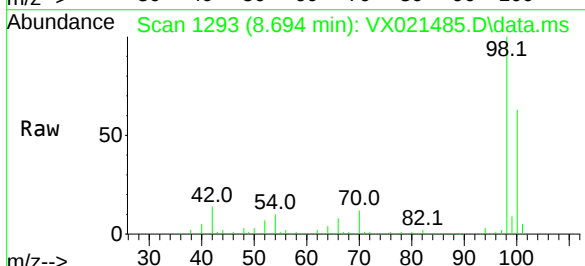
Instrument :
MSVOA_X
ClientSampled :



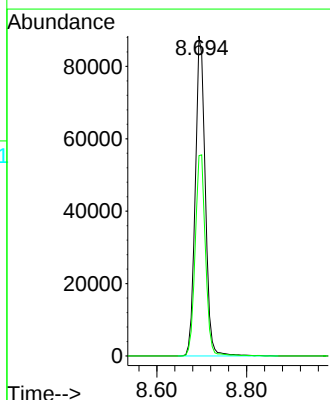
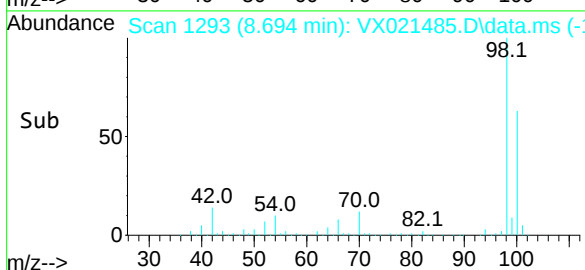
Tgt Ion:117 Resp: 6619
Ion Ratio Lower Upper
117 100
119 6.8 76.2 114.2#
121 0.0 24.8 37.2#

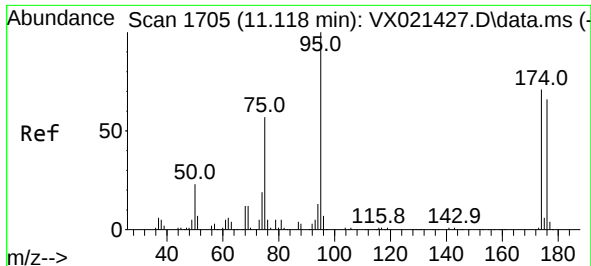


#50
Toluene-d8
Concen: 50.10 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021485.D
Acq: 25 Mar 2021 14:59



Tgt Ion: 98 Resp: 136128
Ion Ratio Lower Upper
98 100
100 64.8 51.9 77.9

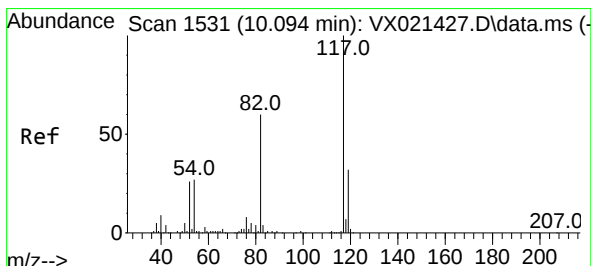
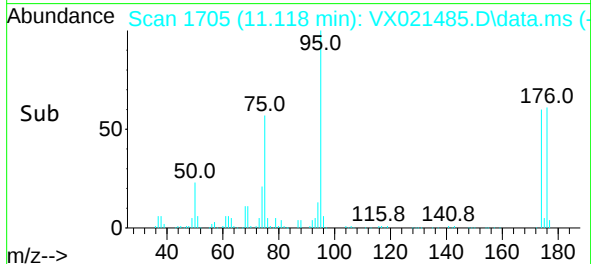
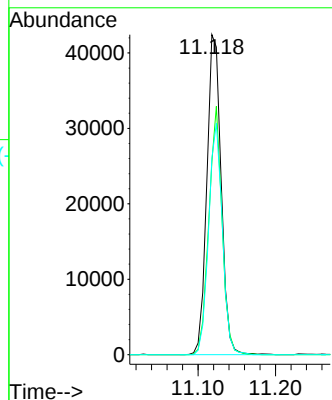
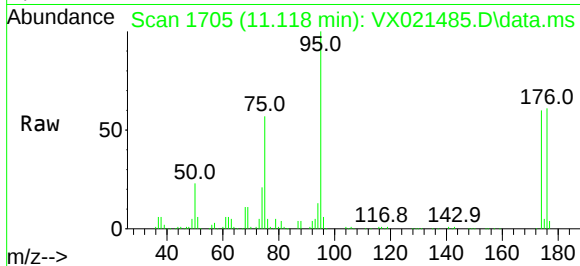




#62
4-Bromofluorobenzene
Concen: 51.54 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021485.D
Acq: 25 Mar 2021 14:59

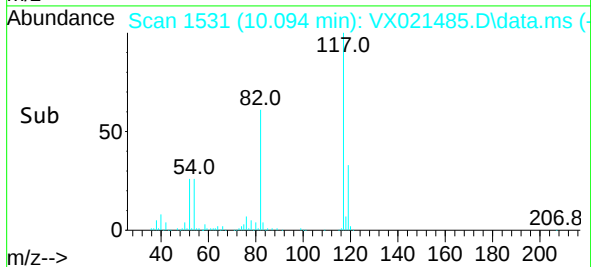
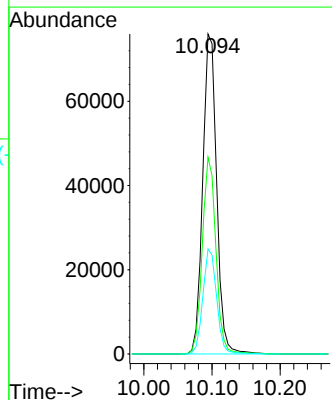
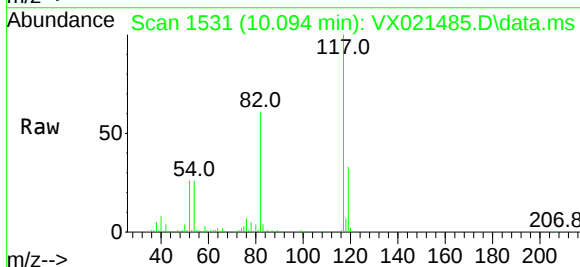
Instrument :
MSVOA_X
ClientSampleId :

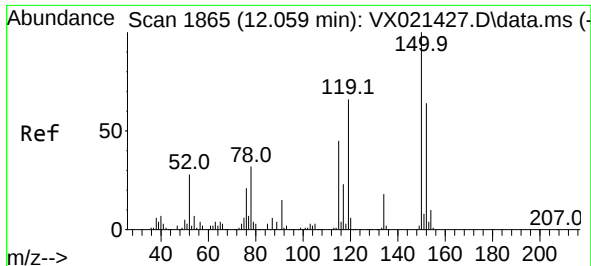
Tgt Ion: 95 Resp: 54454
Ion Ratio Lower Upper
95 100
174 71.6 0.0 154.6
176 69.2 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021485.D
Acq: 25 Mar 2021 14:59

Tgt Ion: 117 Resp: 107822
Ion Ratio Lower Upper
117 100
82 61.4 47.4 71.2
119 32.9 26.6 39.8

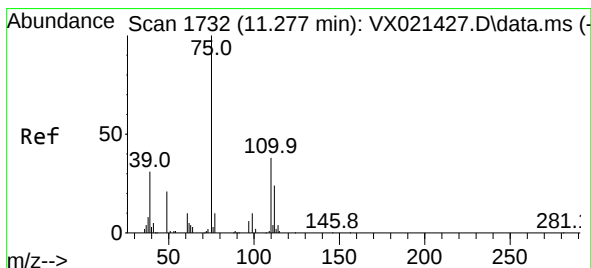
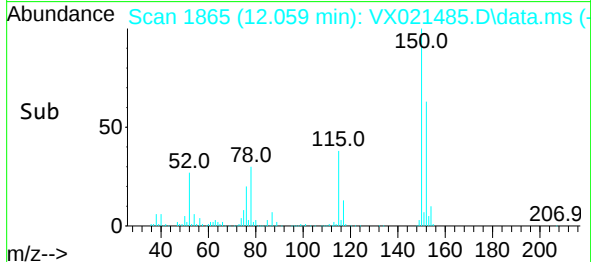
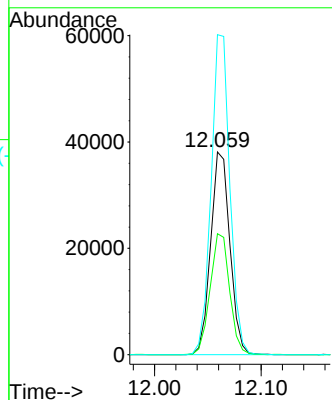
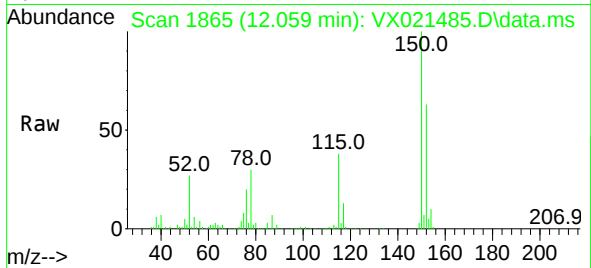




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.059 min Scan# 1865
 Delta R.T. 0.000 min
 Lab File: VX021485.D
 Acq: 25 Mar 2021 14:59

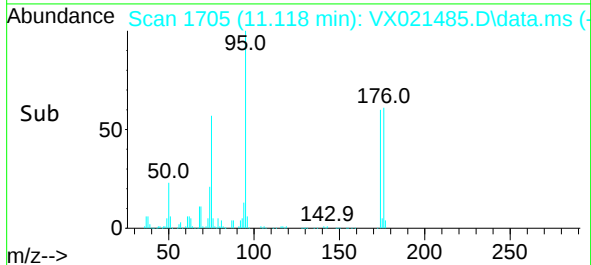
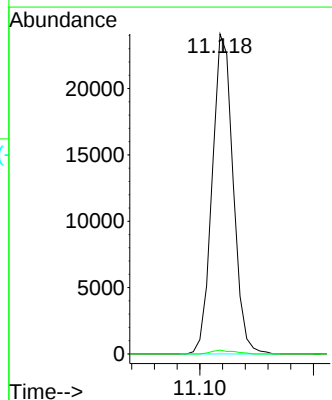
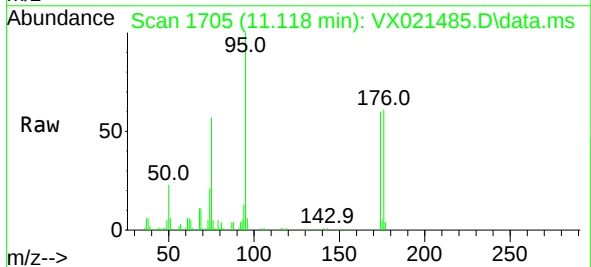
Instrument :
 MSVOA_X
 ClientSampled :

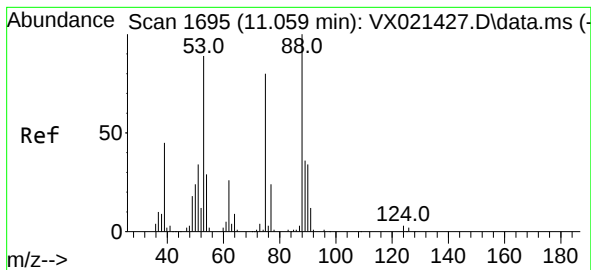
Tgt Ion:152 Resp: 47950
 Ion Ratio Lower Upper
 152 100
 115 60.4 41.1 123.3
 150 153.8 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 27.56 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. -0.159 min
 Lab File: VX021485.D
 Acq: 25 Mar 2021 14:59

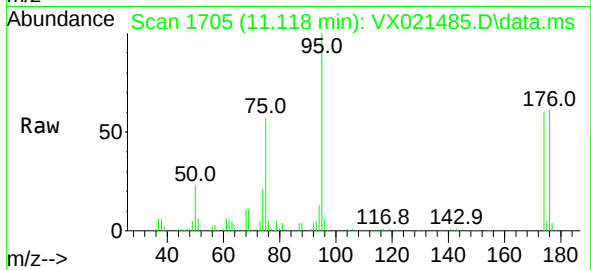
Tgt Ion: 75 Resp: 30761
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 83.94 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. 0.059 min
 Lab File: VX021485.D
 Acq: 25 Mar 2021 14:59

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 30761
 Ion Ratio Lower Upper
 75 100
 53 0.1 74.5 111.7#
 89 0.0 37.9 56.9#

