

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032421\
 Data File : VX021454.D
 Acq On : 24 Mar 2021 23:27
 Operator : JC/MD
 Sample : M1787-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-02-20210318

Quant Time: Mar 25 06:52:36 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)

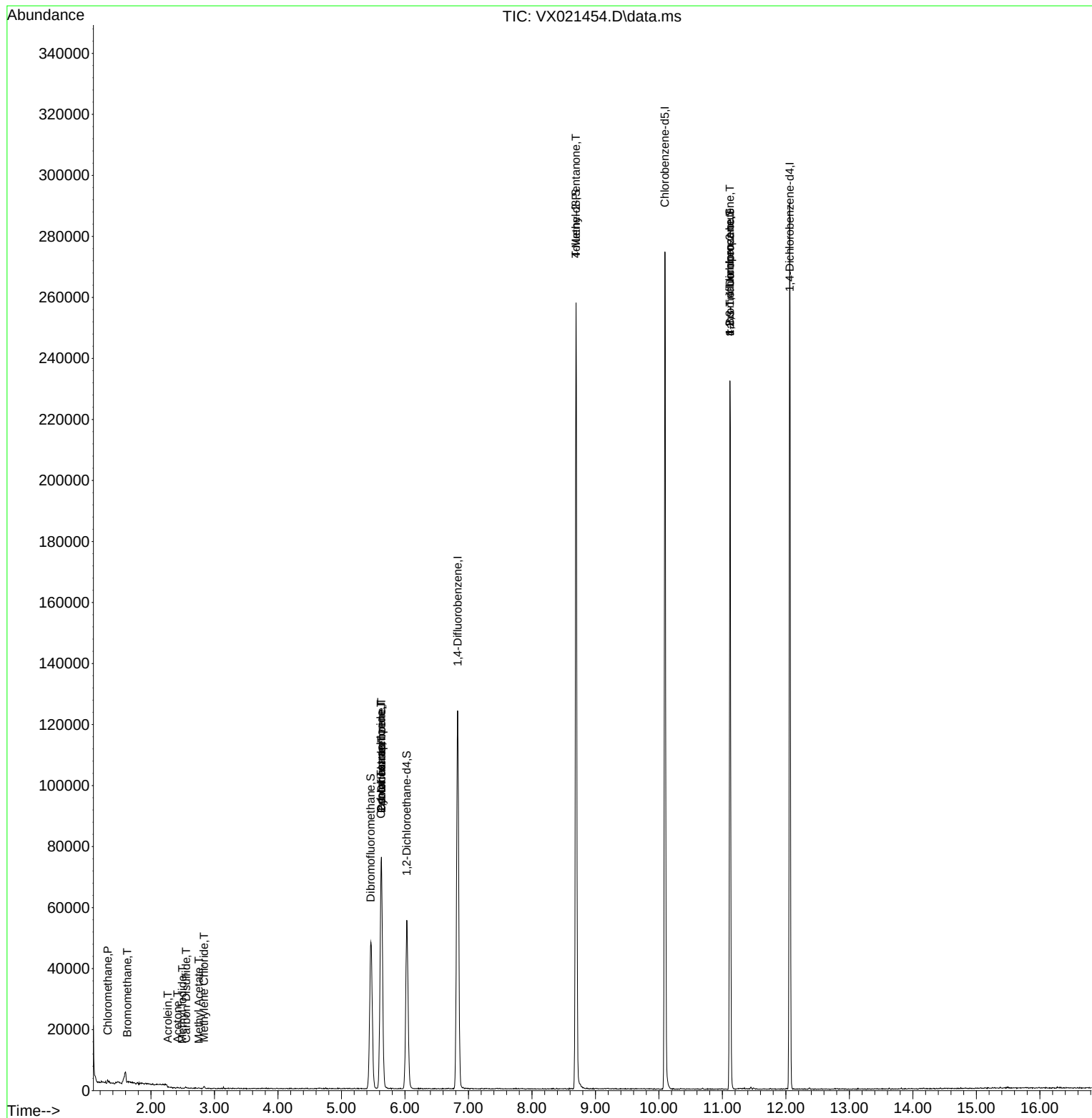
Internal Standards						
1) Pentafluorobenzene	5.629	168	64665	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	115783	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	115474	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	54065	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	53309	49.55	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.10%		
35) Dibromofluoromethane	5.458	113	40564	49.32	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.64%		
50) Toluene-d8	8.694	98	144058	49.15	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.30%		
62) 4-Bromofluorobenzene	11.118	95	58782	51.59	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.18%		
Target Compounds					Qvalue	
3) Chloromethane	1.317	50	1967	2.45	ug/l #	88
5) Bromomethane	1.629	94	161	0.55	ug/l #	76
10) Methyl Iodide	2.493	142	72	6.76	ug/l #	42
13) Acrolein	2.264	56	47	4.81	ug/l #	20
16) Acetone	2.417	43	268	0.66	ug/l #	40
17) Carbon Disulfide	2.552	76	408	0.22	ug/l #	75
18) Methyl Acetate	2.752	43	265	0.23	ug/l #	47
20) Methylene Chloride	2.835	84	222	0.28	ug/l #	87
31) Cyclohexane	5.629	56	1853	1.57	ug/l #	8
36) 1,1-Dichloropropene	5.629	75	5796	5.11	ug/l #	49
38) Carbon Tetrachloride	5.623	117	7049	5.78	ug/l #	16
51) 4-Methyl-2-Pentanone	8.694	43	910	0.69	ug/l #	1
76) 1,2,3-Trichloropropane	11.118	75	33701	26.78	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	33701	81.56	ug/l #	12

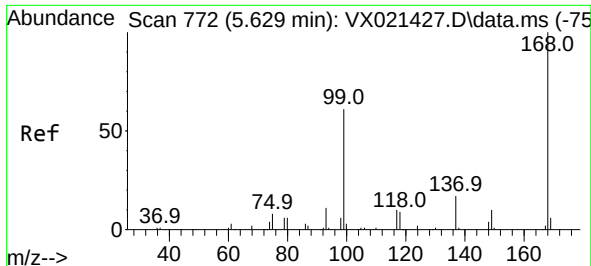
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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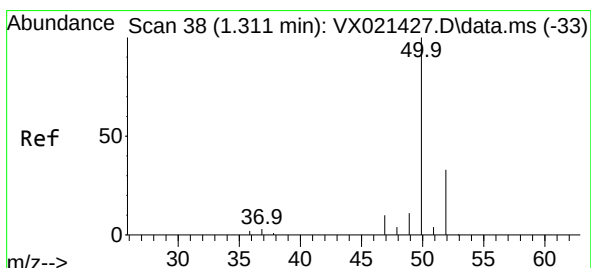
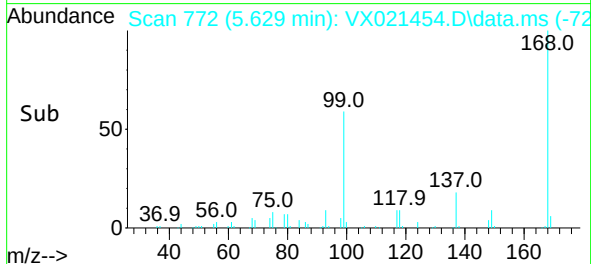
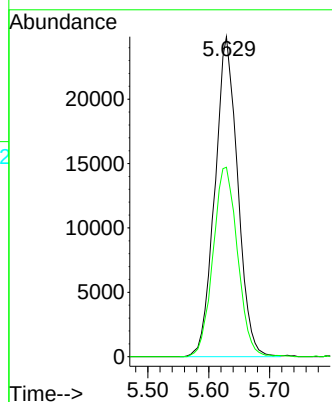
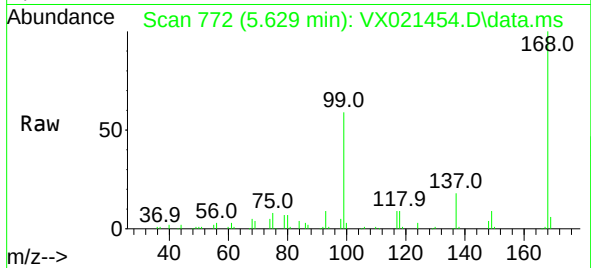




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.000 min
Lab File: VX021454.D
Acq: 24 Mar 2021 23:27

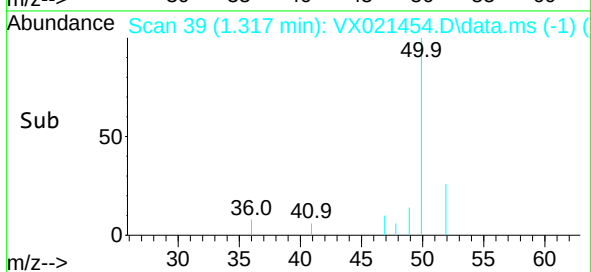
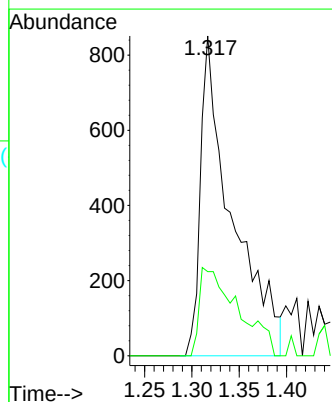
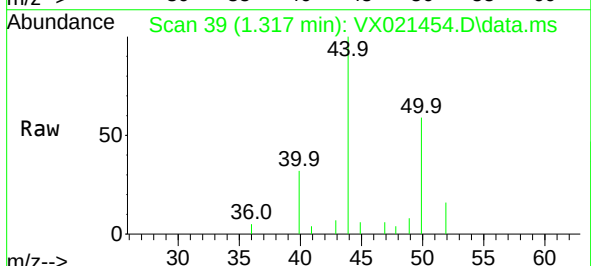
Instrument :
MSVOA_X
ClientSampleId :
TB-02-20210318

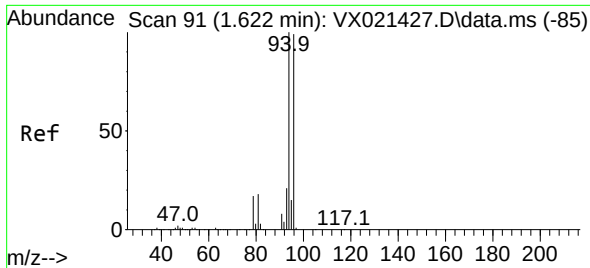
Tgt Ion:168 Resp: 64665
Ion Ratio Lower Upper
168 100
99 59.2 45.8 68.6



#3
Chloromethane
Concen: 2.45 ug/l
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021454.D
Acq: 24 Mar 2021 23:27

Tgt Ion: 50 Resp: 1967
Ion Ratio Lower Upper
50 100
52 26.3 26.4 39.6#

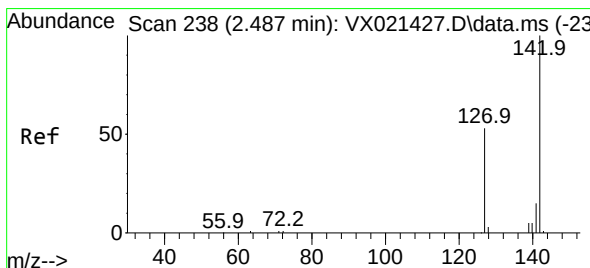
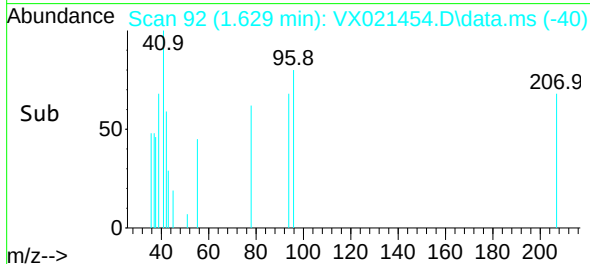
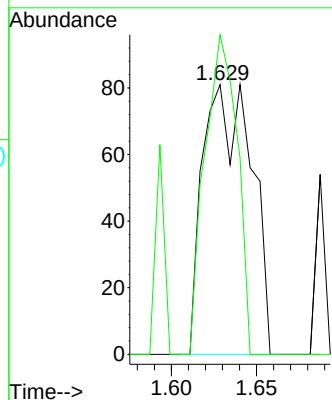
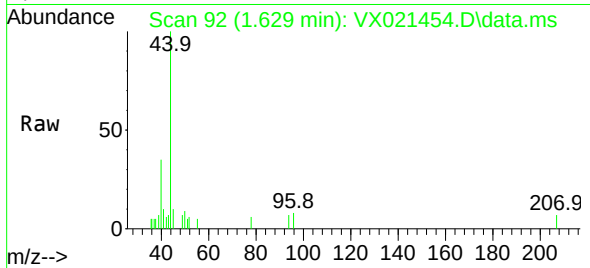




#5
Bromomethane
Concen: 0.55 ug/l
RT: 1.629 min Scan# 92
Delta R.T. 0.007 min
Lab File: VX021454.D
Acq: 24 Mar 2021 23:27

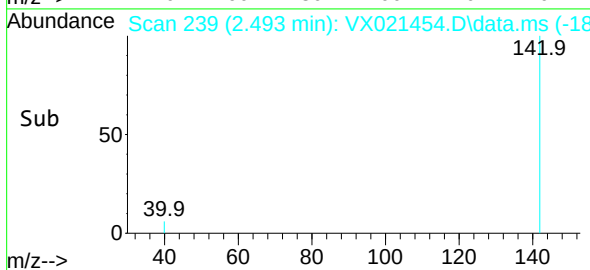
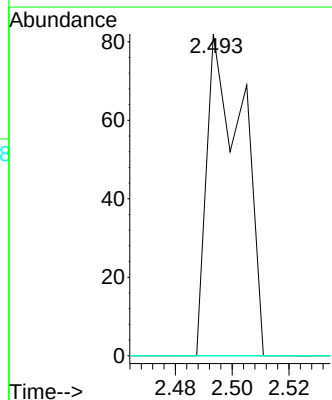
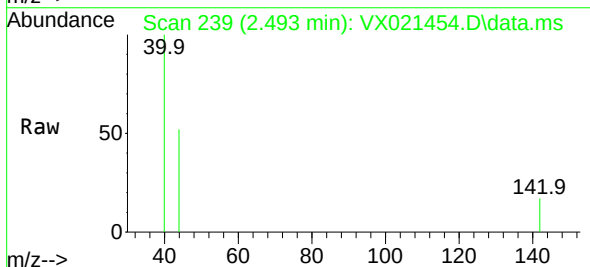
Instrument :
MSVOA_X
ClientSampleId :
TB-02-20210318

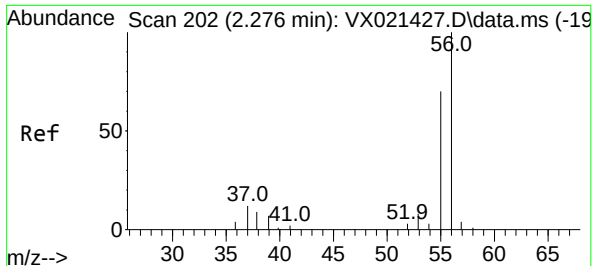
Tgt Ion: 94 Resp: 161
Ion Ratio Lower Upper
94 100
96 118.5 76.4 114.6#



#10
Methyl Iodide
Concen: 6.76 ug/l
RT: 2.493 min Scan# 239
Delta R.T. 0.006 min
Lab File: VX021454.D
Acq: 24 Mar 2021 23:27

Tgt Ion: 142 Resp: 72
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#

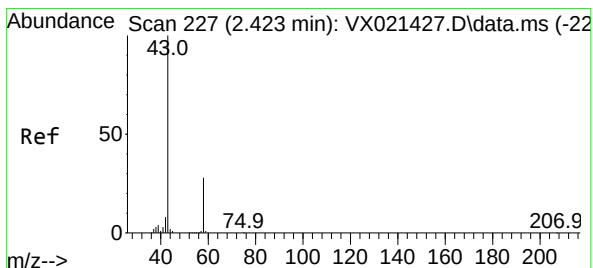
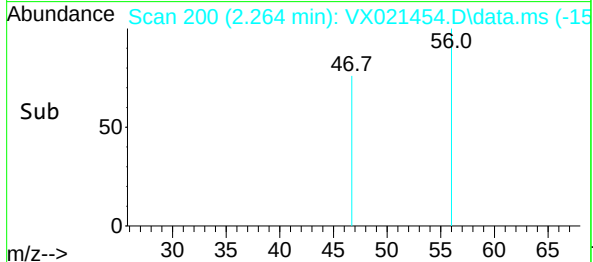
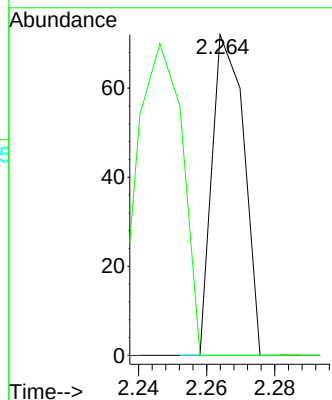
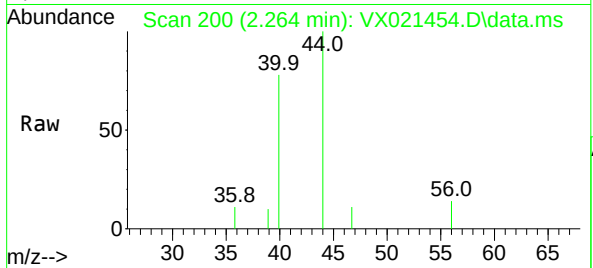




#13
Acrolein
Concen: 4.81 ug/l
RT: 2.264 min Scan# 200
Delta R.T. -0.012 min
Lab File: VX021454.D
Acq: 24 Mar 2021 23:27

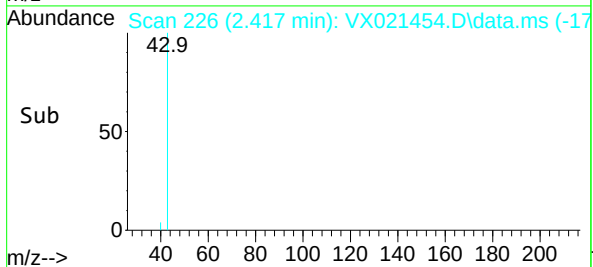
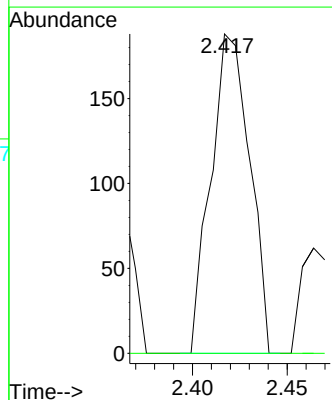
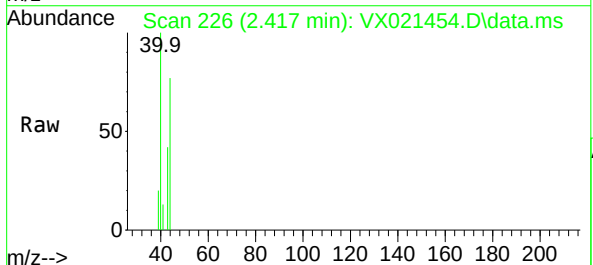
Instrument :
MSVOA_X
ClientSampleId :
TB-02-20210318

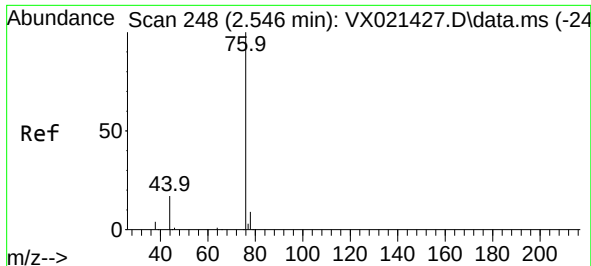
Tgt Ion: 56 Resp: 47
Ion Ratio Lower Upper
56 100
55 136.2 56.4 84.6#



#16
Acetone
Concen: 0.66 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021454.D
Acq: 24 Mar 2021 23:27

Tgt Ion: 43 Resp: 268
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#

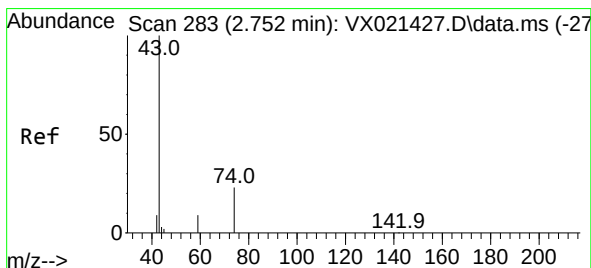
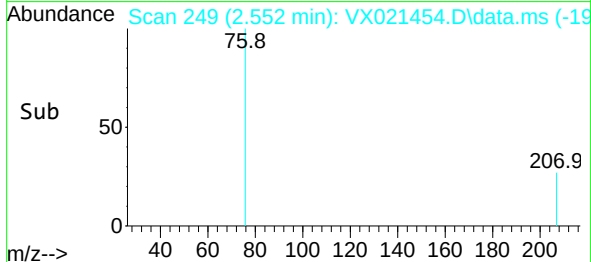
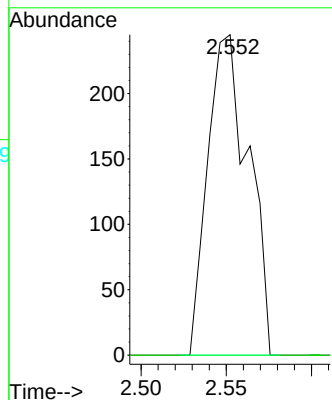
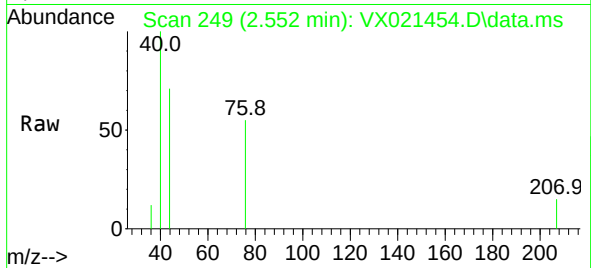




#17
Carbon Disulfide
Concen: 0.22 ug/l
RT: 2.552 min Scan# 249
Delta R.T. 0.006 min
Lab File: VX021454.D
Acq: 24 Mar 2021 23:27

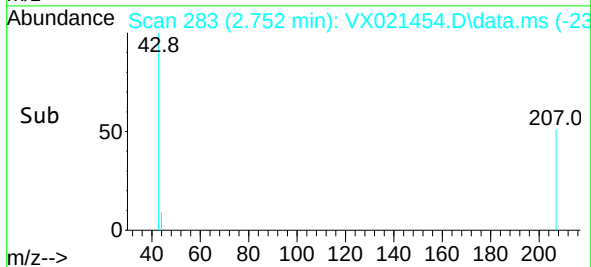
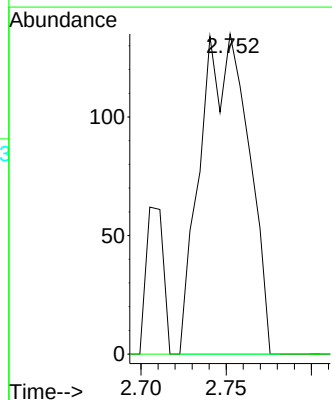
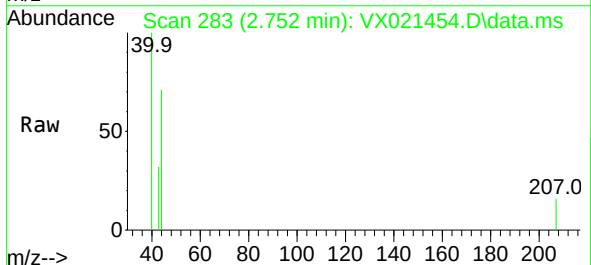
Instrument :
MSVOA_X
ClientSampleId :
TB-02-20210318

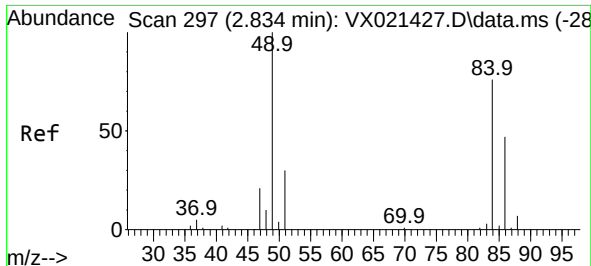
Tgt Ion: 76 Resp: 408
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 0.23 ug/l
RT: 2.752 min Scan# 283
Delta R.T. 0.000 min
Lab File: VX021454.D
Acq: 24 Mar 2021 23:27

Tgt Ion: 43 Resp: 265
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



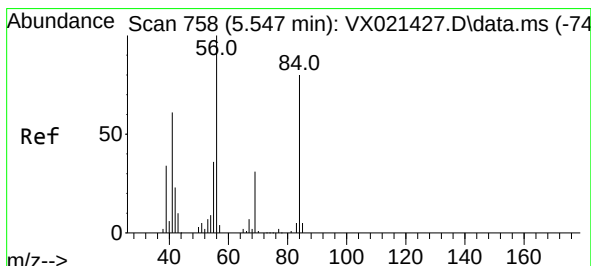
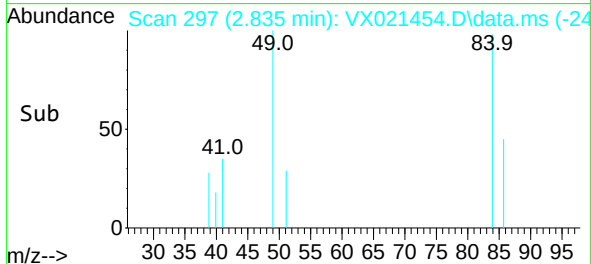
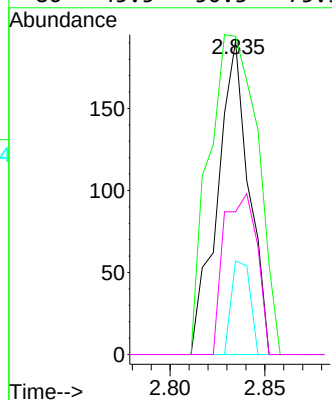
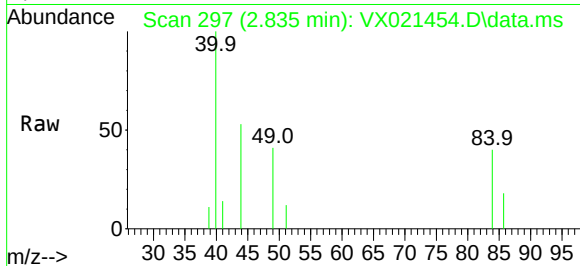


#20
Methylene Chloride
Concen: 0.28 ug/l
RT: 2.835 min Scan# 297
Delta R.T. 0.001 min
Lab File: VX021454.D
Acq: 24 Mar 2021 23:27

Instrument :
MSVOA_X
ClientSampleId :
TB-02-20210318

Tgt Ion: 84 Resp: 222

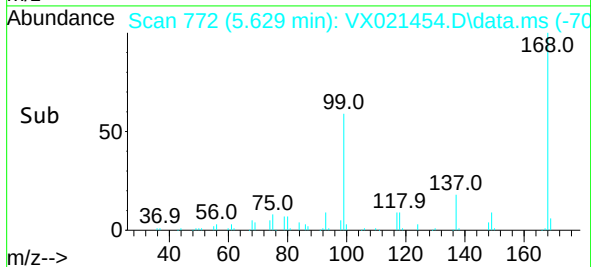
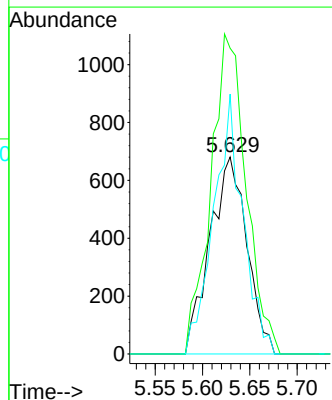
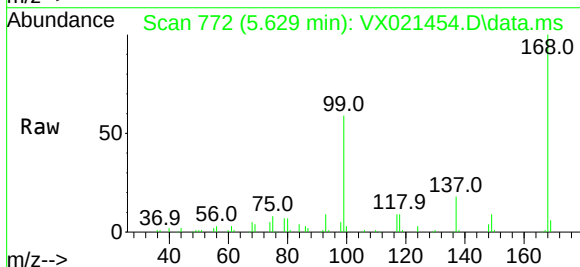
Ion	Ratio	Lower	Upper
84	100		
49	101.6	88.6	132.8
51	29.8	27.0	40.6
86	45.5	50.3	75.5#

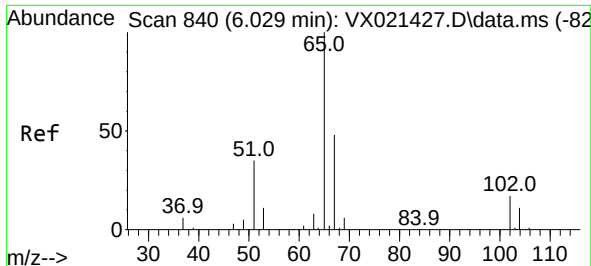


#31
Cyclohexane
Concen: 1.57 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.082 min
Lab File: VX021454.D
Acq: 24 Mar 2021 23:27

Tgt Ion: 56 Resp: 1853

Ion	Ratio	Lower	Upper
56	100		
69	155.2	25.3	37.9#
84	131.9	71.4	107.0#

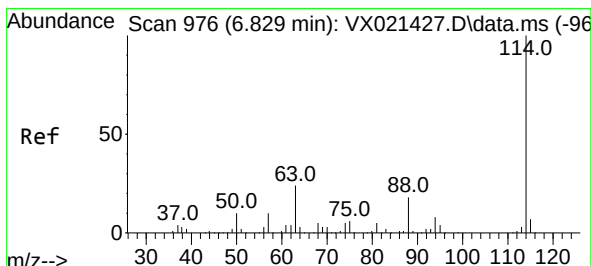
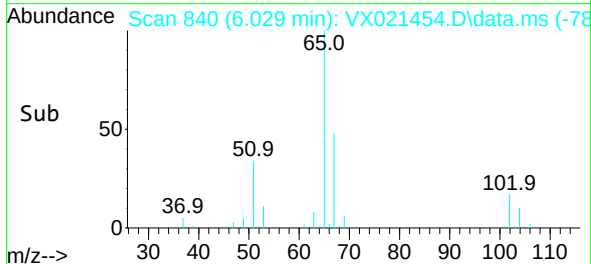
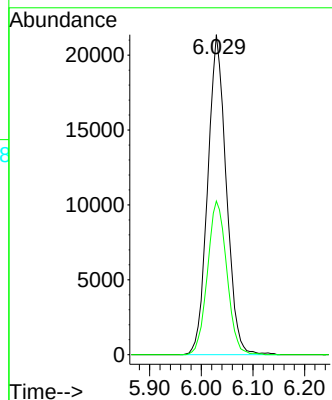
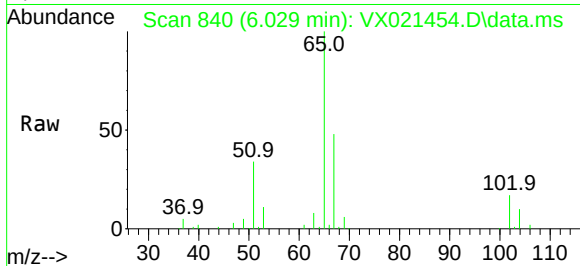




#33
 1,2-Dichloroethane-d4
 Concen: 49.55 ug/l
 RT: 6.029 min Scan# 840
 Delta R.T. 0.000 min
 Lab File: VX021454.D
 Acq: 24 Mar 2021 23:27

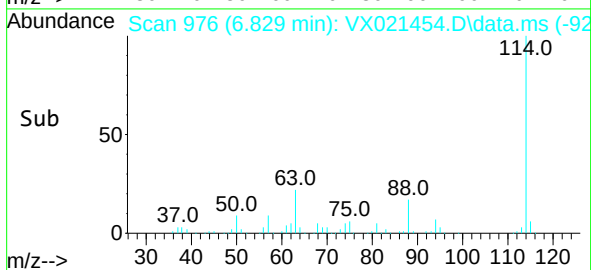
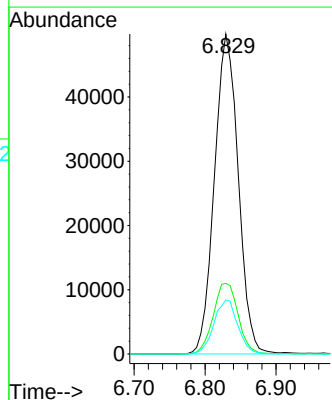
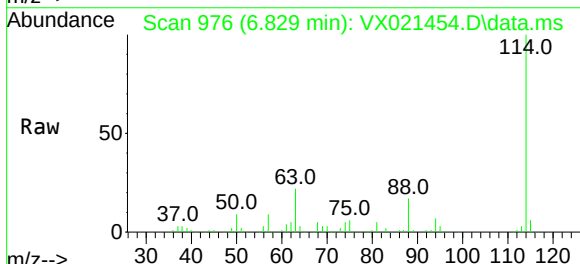
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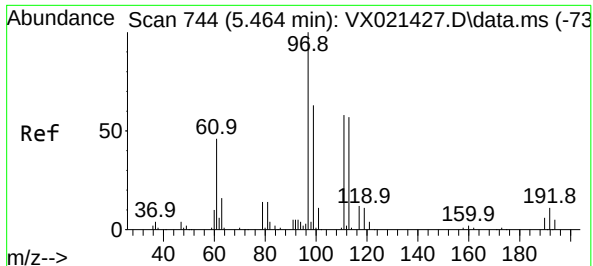
Tgt Ion: 65 Resp: 53309
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.829 min Scan# 976
 Delta R.T. 0.000 min
 Lab File: VX021454.D
 Acq: 24 Mar 2021 23:27

Tgt Ion: 114 Resp: 115783
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 40.8
 88 16.9 0.0 32.8

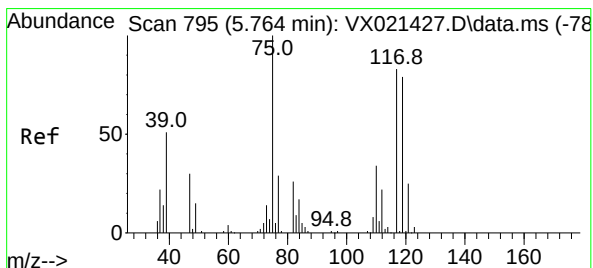
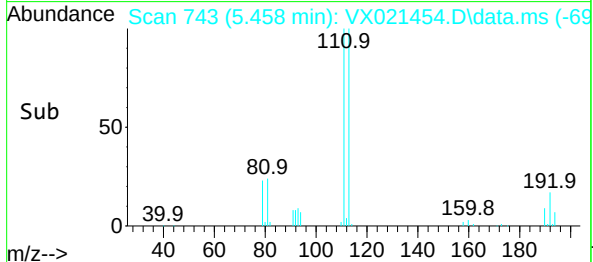
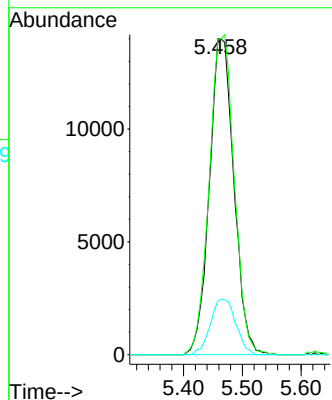
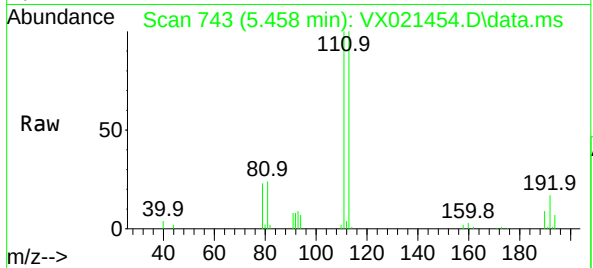




#35
Dibromofluoromethane
Concen: 49.32 ug/l
RT: 5.458 min Scan# 743
Delta R.T. -0.006 min
Lab File: VX021454.D
Acq: 24 Mar 2021 23:27

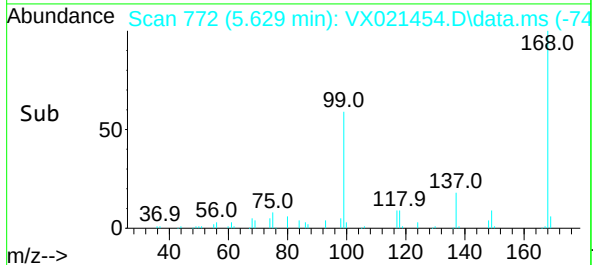
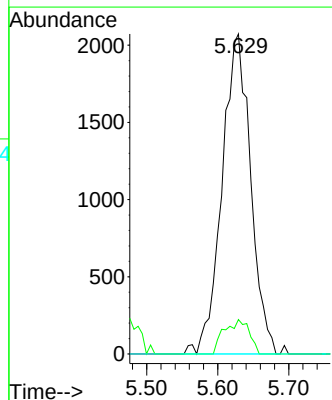
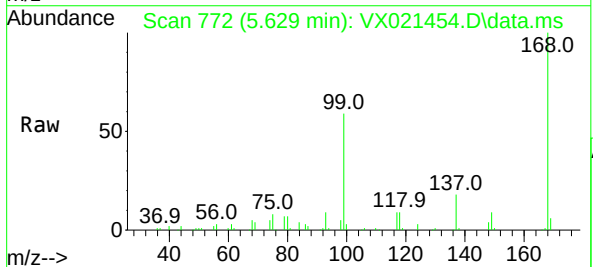
Instrument :
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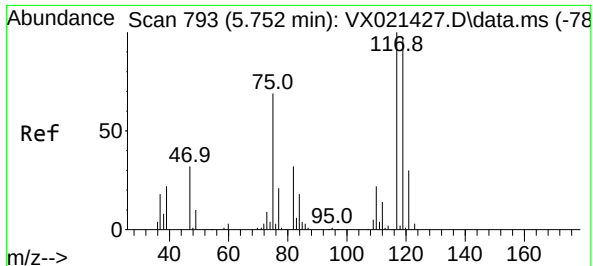
Tgt Ion:113 Resp: 40564
Ion Ratio Lower Upper
113 100
111 103.5 81.9 122.9
192 18.2 16.7 25.1



#36
1,1-Dichloropropene
Concen: 5.11 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.135 min
Lab File: VX021454.D
Acq: 24 Mar 2021 23:27

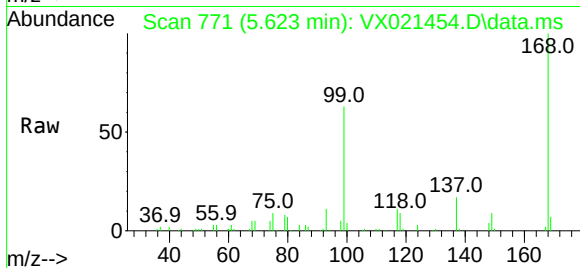
Tgt Ion: 75 Resp: 5796
Ion Ratio Lower Upper
75 100
110 9.4 18.1 54.4#
77 0.0 25.3 37.9#



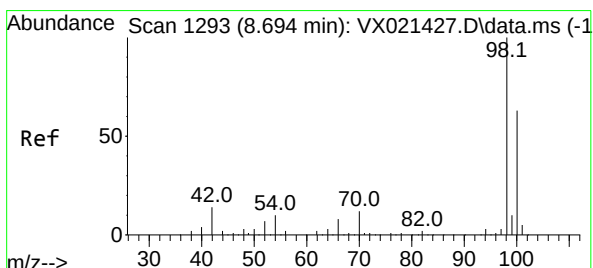
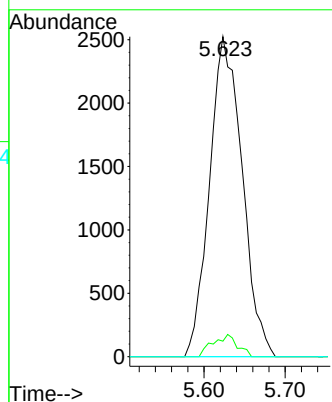
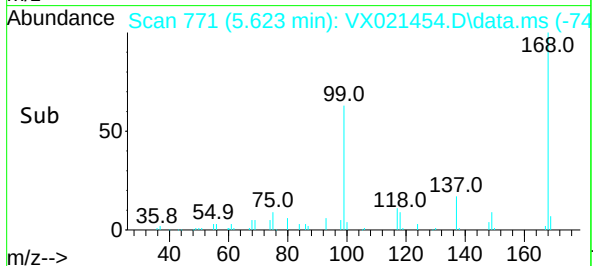


#38
Carbon Tetrachloride
Concen: 5.78 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.129 min
Lab File: VX021454.D
Acq: 24 Mar 2021 23:27

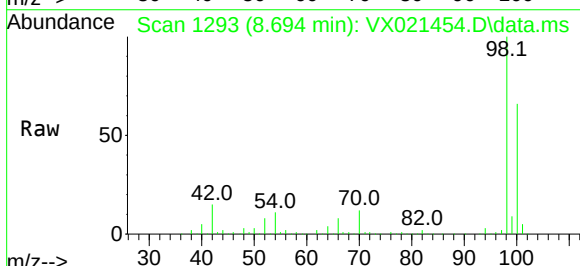
Instrument :
MSVOA_X
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TB-02-20210318



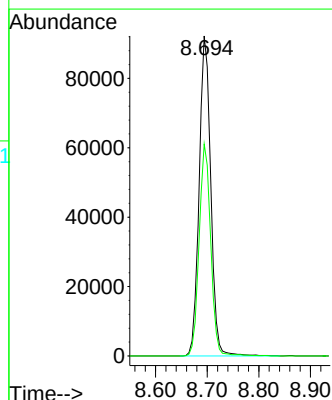
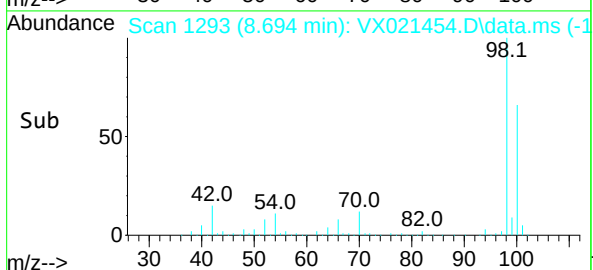
Tgt Ion:117 Resp: 7049
Ion Ratio Lower Upper
117 100
119 4.8 76.2 114.2#
121 0.0 24.8 37.2#

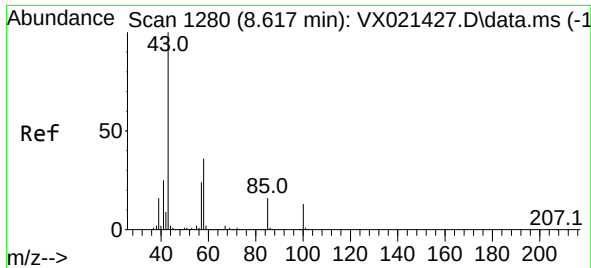


#50
Toluene-d8
Concen: 49.15 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021454.D
Acq: 24 Mar 2021 23:27



Tgt Ion: 98 Resp: 144058
Ion Ratio Lower Upper
98 100
100 65.9 51.9 77.9

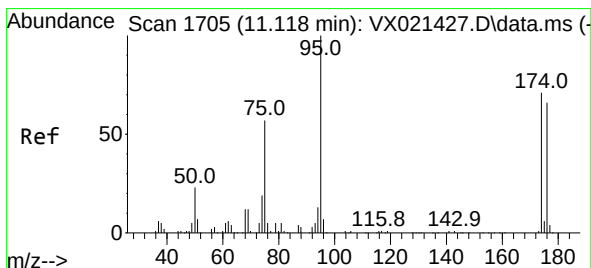
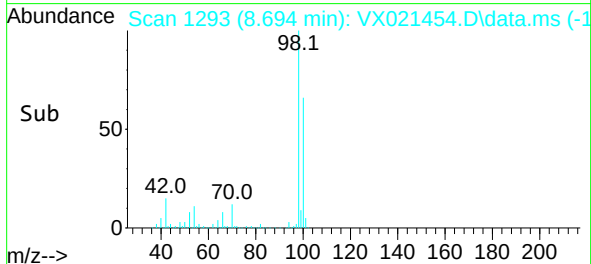
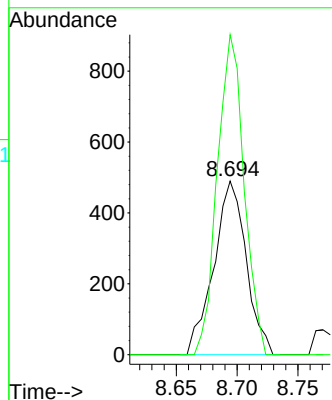
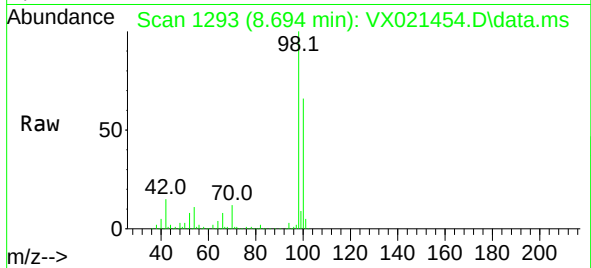




#51
4-Methyl-2-Pentanone
Concen: 0.69 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.077 min
Lab File: VX021454.D
Acq: 24 Mar 2021 23:27

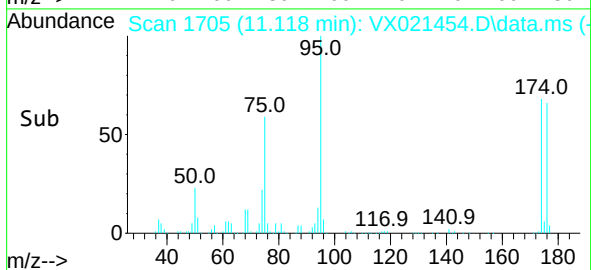
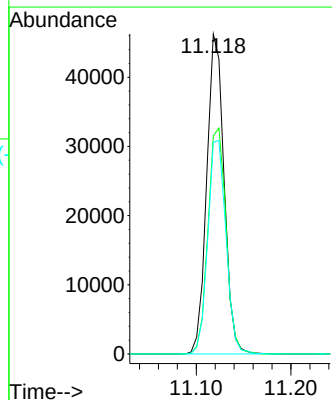
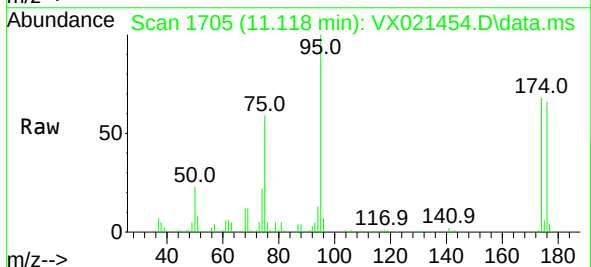
Instrument :
MSVOA_X
ClientSampleId :
TB-02-20210318

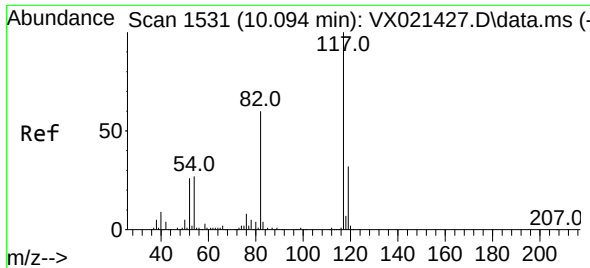
Tgt Ion: 43 Resp: 910
Ion Ratio Lower Upper
43 100
58 151.9 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 51.59 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VX021454.D
Acq: 24 Mar 2021 23:27

Tgt Ion: 95 Resp: 58782
Ion Ratio Lower Upper
95 100
174 73.8 0.0 154.6
176 69.9 0.0 155.8

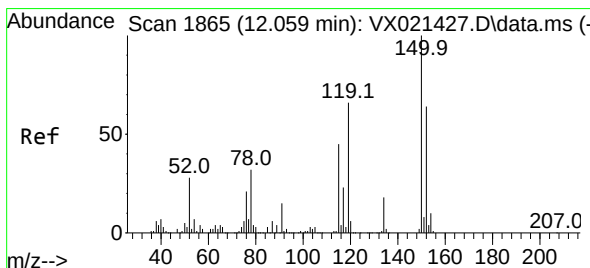
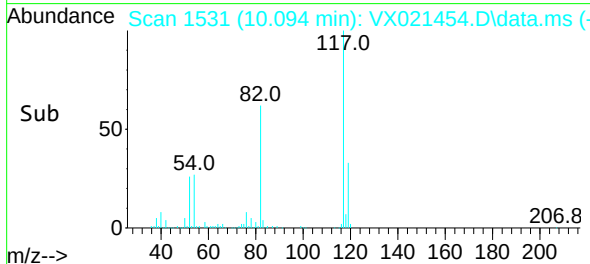
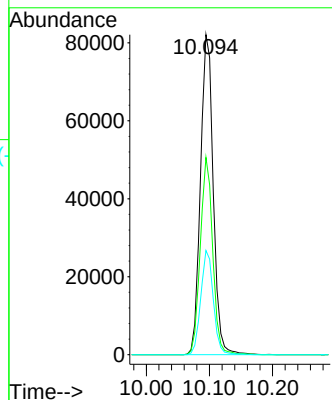
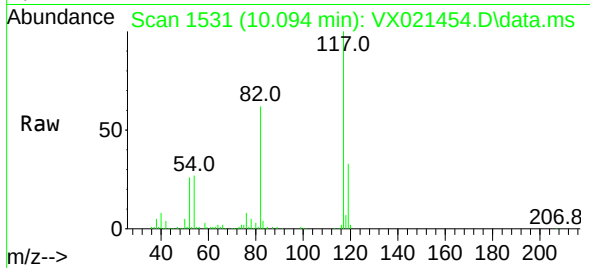




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021454.D
Acq: 24 Mar 2021 23:27

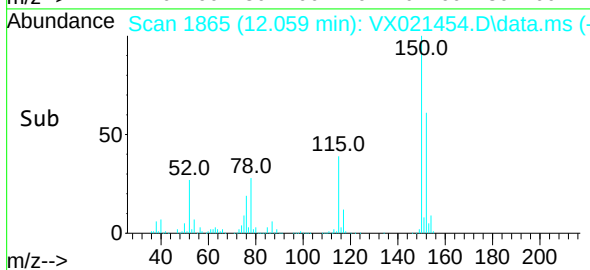
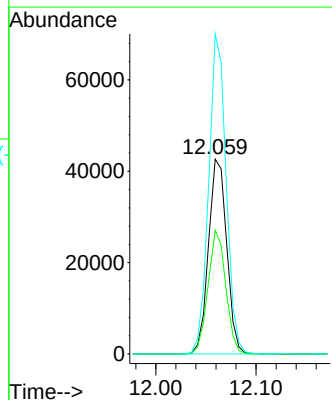
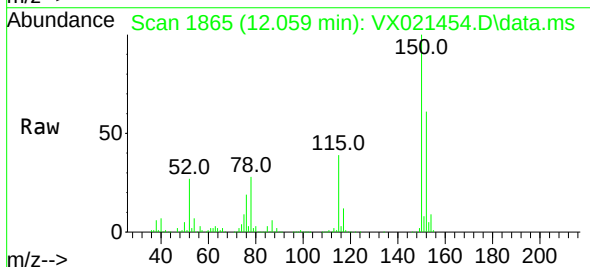
Instrument :
MSVOA_X
ClientSampleId :
TB-02-20210318

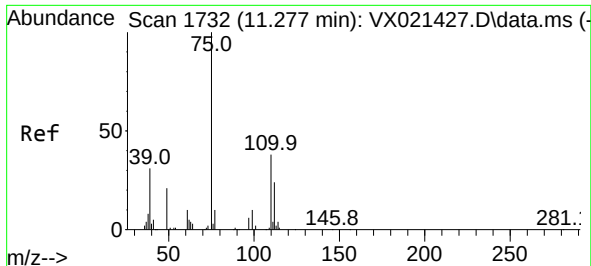
Tgt Ion:	117	Resp:	115474
Ion Ratio	Lower	Upper	
117	100		
82	61.6	47.4	71.2
119	32.6	26.6	39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021454.D
Acq: 24 Mar 2021 23:27

Tgt Ion:	152	Resp:	54065
Ion Ratio	Lower	Upper	
152	100		
115	61.7	41.1	123.3
150	156.8	0.0	349.0

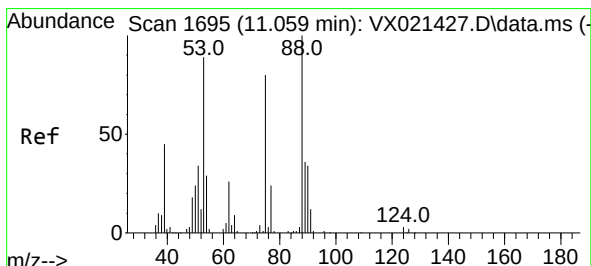
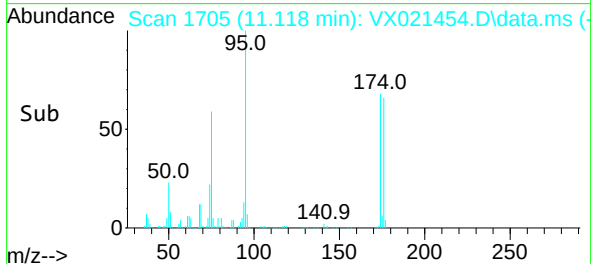
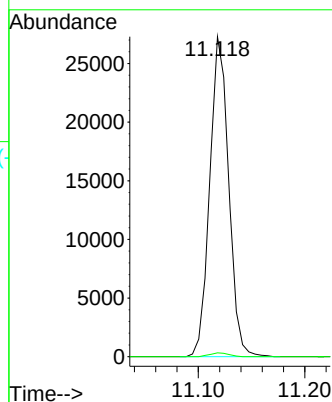
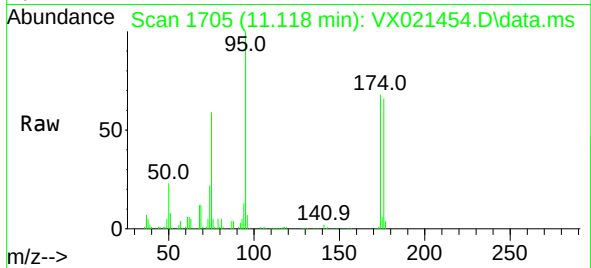




#76
1,2,3-Trichloropropane
Concen: 26.78 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021454.D
Acq: 24 Mar 2021 23:27

Instrument :
MSVOA_X
ClientSampleId :
TB-02-20210318

Tgt Ion: 75 Resp: 33701
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 81.56 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021454.D
Acq: 24 Mar 2021 23:27

Tgt Ion: 75 Resp: 33701
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

