

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033021\
 Data File : VX021620.D
 Acq On : 30 Mar 2021 11:15
 Operator : JC/MD
 Sample : VX0330WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0330WBL02

Quant Time: Mar 31 04:56:09 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)

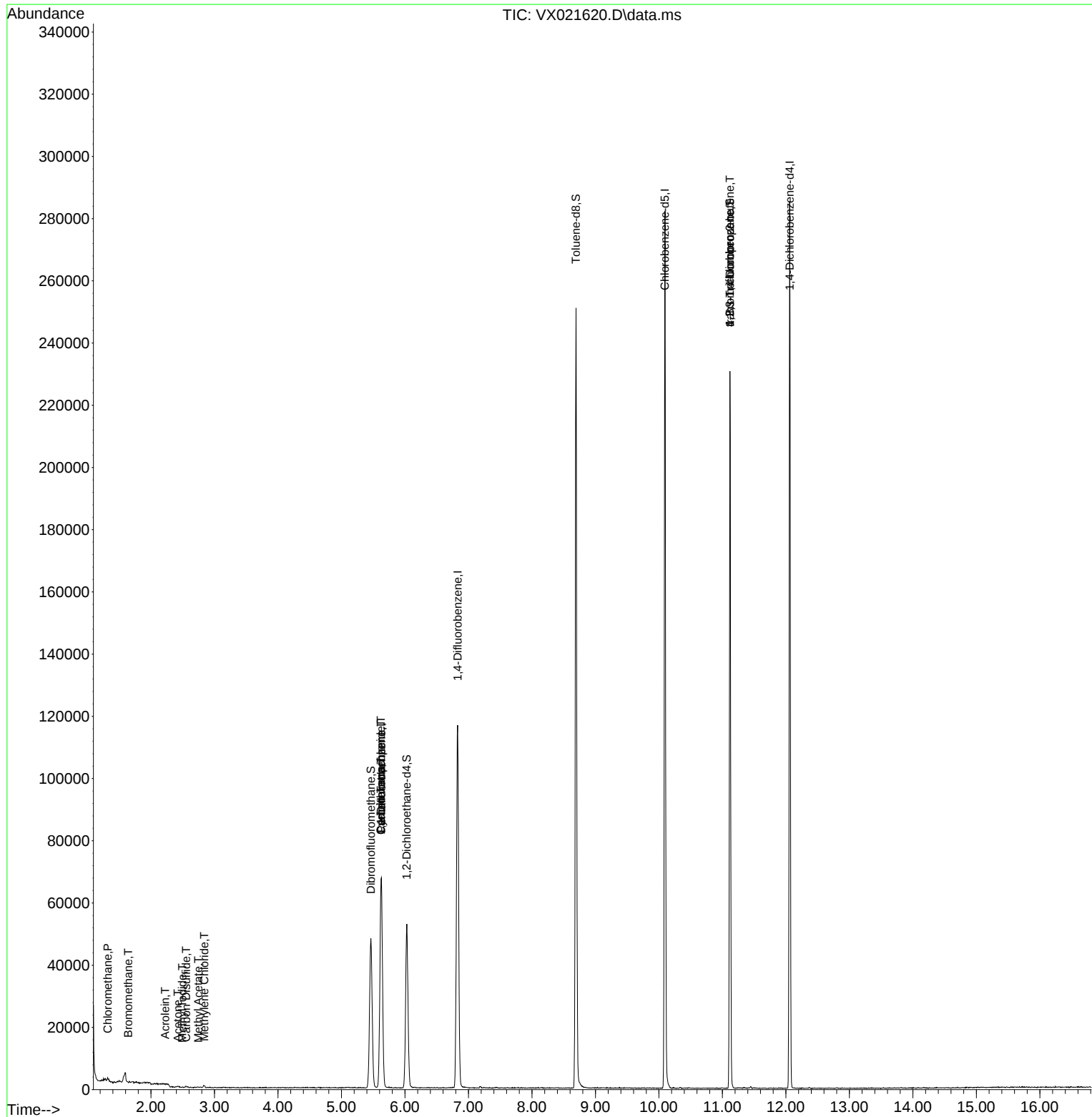
Internal Standards						
1) Pentafluorobenzene	5.629	168	59476	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	109036	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	114266	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	53041	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	50844	51.38	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.76%	
35) Dibromofluoromethane	5.464	113	39702	51.26	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.52%	
50) Toluene-d8	8.694	98	140370	50.86	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.72%	
62) 4-Bromofluorobenzene	11.118	95	59046	55.03	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 110.06%	
Target Compounds						Qvalue
3) Chloromethane	1.317	50	1453	1.97	ug/l	98
5) Bromomethane	1.640	94	100	0.37	ug/l #	2
10) Methyl Iodide	2.493	142	68	6.77	ug/l #	42
13) Acrolein	2.223	56	18	4.51	ug/l #	51
16) Acetone	2.423	43	375	1.00	ug/l #	40
17) Carbon Disulfide	2.552	76	401	0.24	ug/l #	75
18) Methyl Acetate	2.746	43	223	0.21	ug/l #	47
20) Methylene Chloride	2.840	84	275	0.38	ug/l	94
31) Cyclohexane	5.623	56	1632	1.50	ug/l #	44
36) 1,1-Dichloropropene	5.623	75	5588	5.23	ug/l #	50
38) Carbon Tetrachloride	5.623	117	6537	5.69	ug/l #	16
76) 1,2,3-Trichloropropane	11.118	75	33536	27.16	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	33536	82.73	ug/l #	12

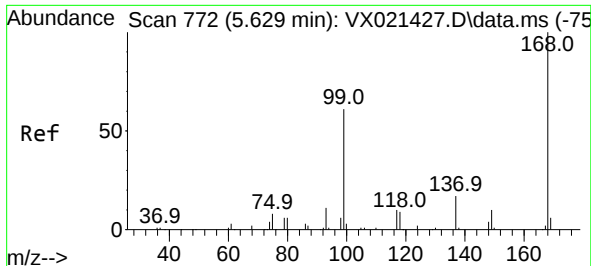
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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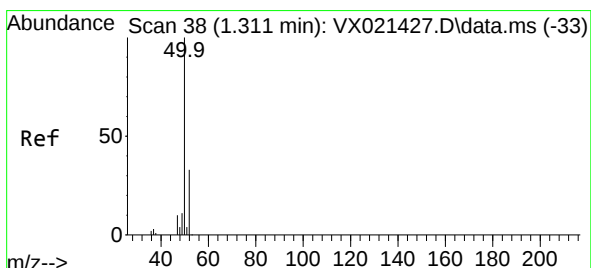
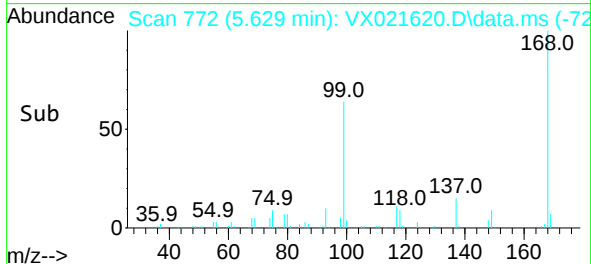
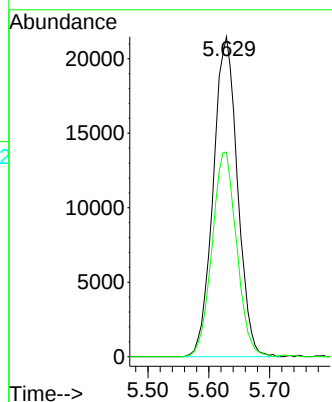
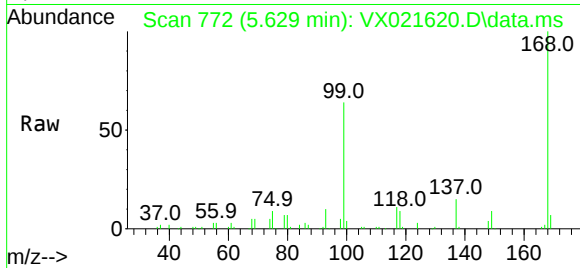




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.000 min
Lab File: VX021620.D
Acq: 30 Mar 2021 11:15

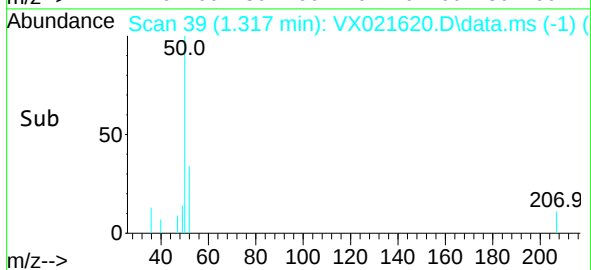
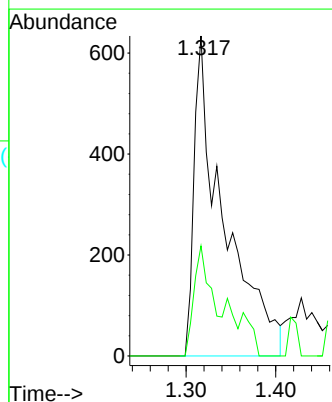
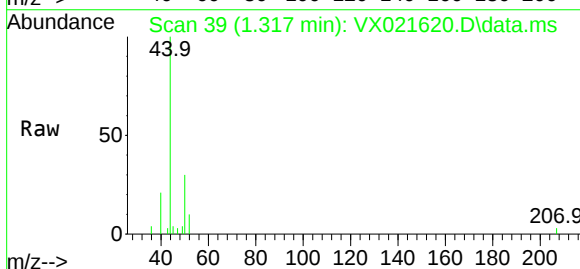
Instrument :
MSVOA_X
ClientSampleId :
VX0330WBL02

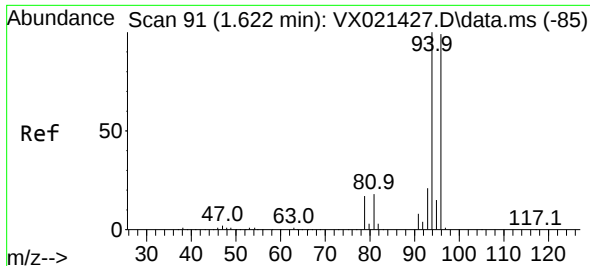
Tgt Ion:168 Resp: 59476
Ion Ratio Lower Upper
168 100
99 63.9 45.8 68.6



#3
Chloromethane
Concen: 1.97 ug/l
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021620.D
Acq: 30 Mar 2021 11:15

Tgt Ion: 50 Resp: 1453
Ion Ratio Lower Upper
50 100
52 34.4 26.4 39.6

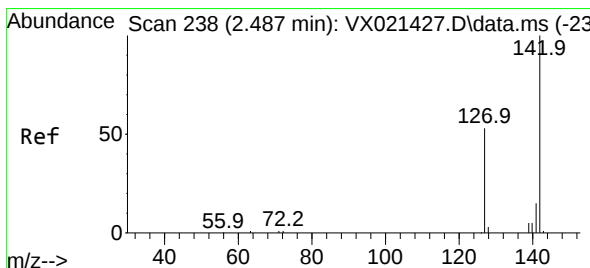
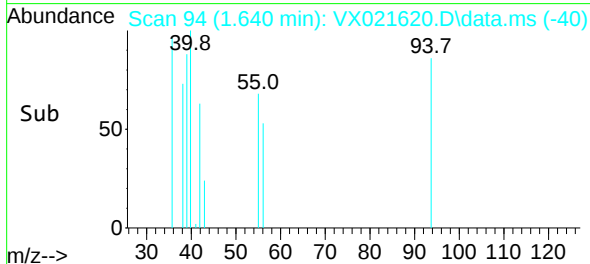
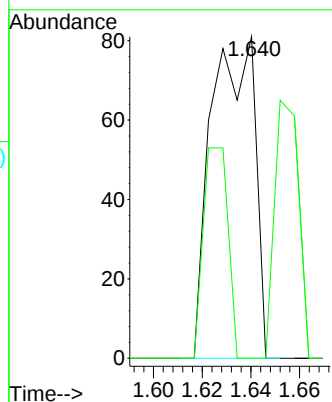
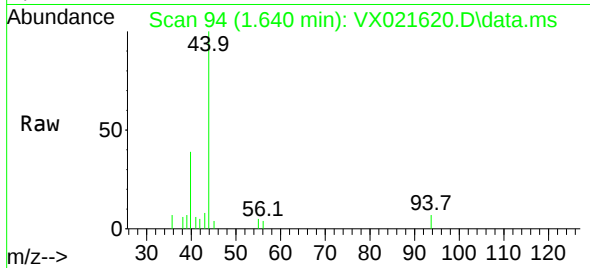




#5
Bromomethane
Concen: 0.37 ug/l
RT: 1.640 min Scan# 94
Delta R.T. 0.018 min
Lab File: VX021620.D
Acq: 30 Mar 2021 11:15

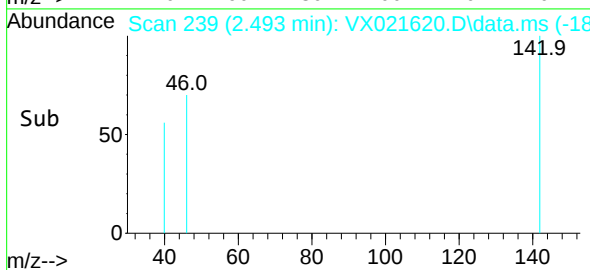
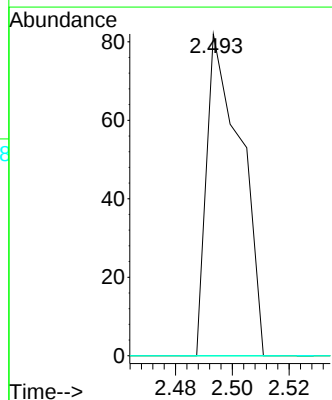
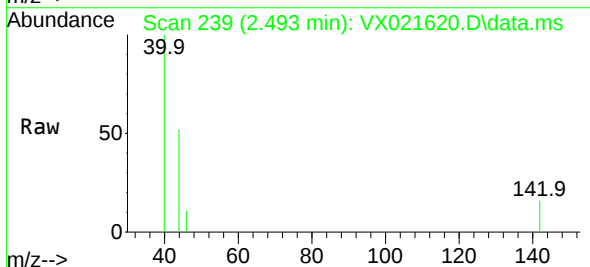
Instrument :
MSVOA_X
ClientSampleId :
VX0330WBL02

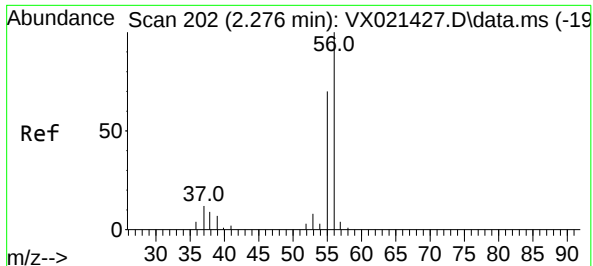
Tgt Ion: 94 Resp: 100
Ion Ratio Lower Upper
94 100
96 0.0 76.4 114.6#



#10
Methyl Iodide
Concen: 6.77 ug/l
RT: 2.493 min Scan# 239
Delta R.T. 0.006 min
Lab File: VX021620.D
Acq: 30 Mar 2021 11:15

Tgt Ion: 142 Resp: 68
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#

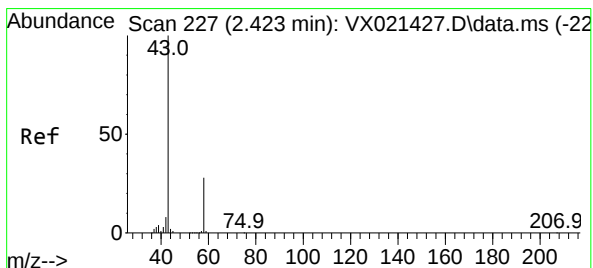
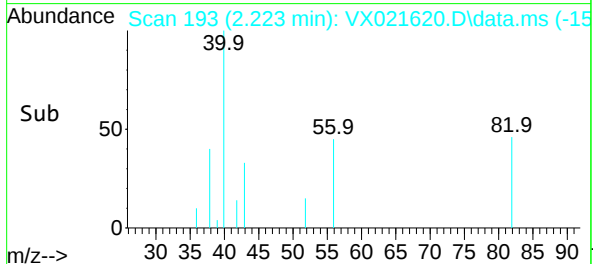
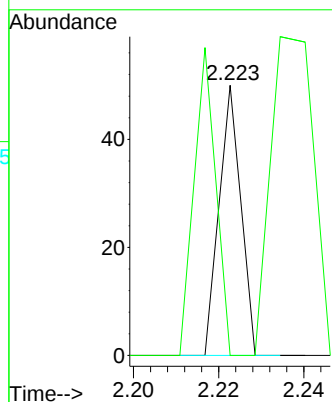
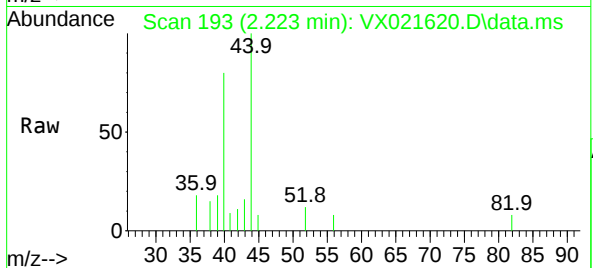




#13
Acrolein
Concen: 4.51 ug/l
RT: 2.223 min Scan# 193
Delta R.T. -0.053 min
Lab File: VX021620.D
Acq: 30 Mar 2021 11:15

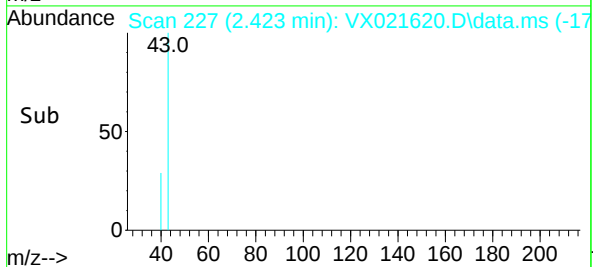
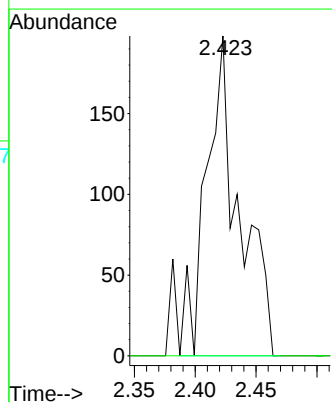
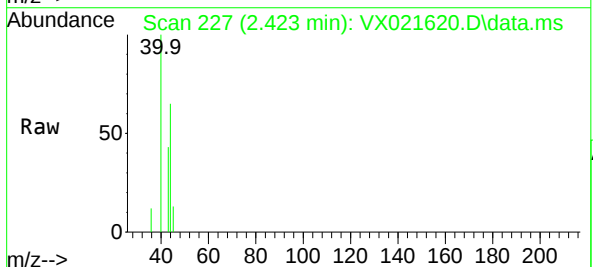
Instrument :
MSVOA_X
ClientSampleId :
VX0330WBL02

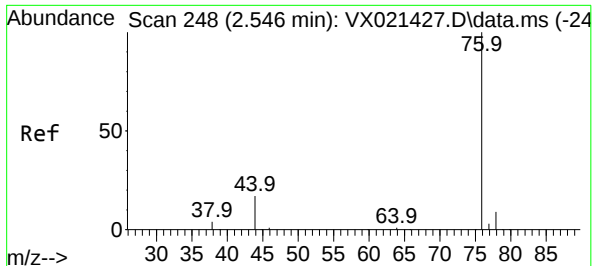
Tgt Ion: 56 Resp: 18
Ion Ratio Lower Upper
56 100
55 111.1 56.4 84.6#



#16
Acetone
Concen: 1.00 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021620.D
Acq: 30 Mar 2021 11:15

Tgt Ion: 43 Resp: 375
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#

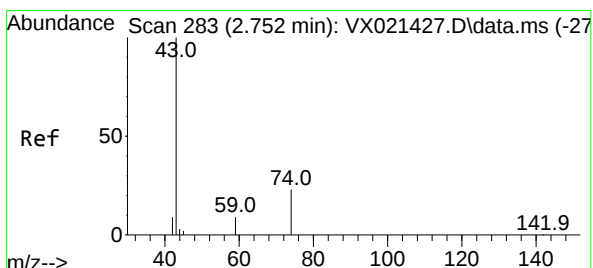
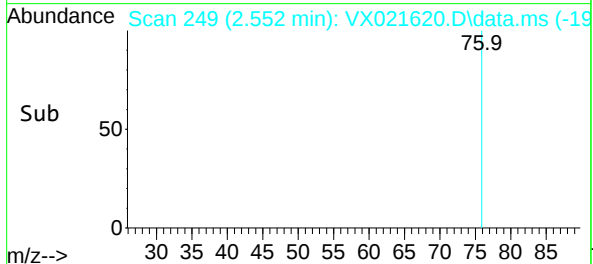
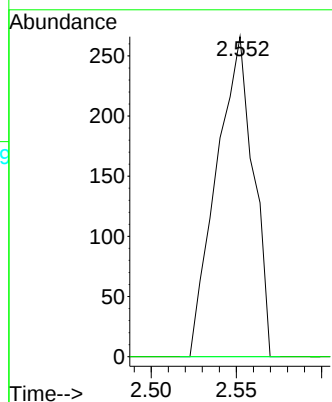
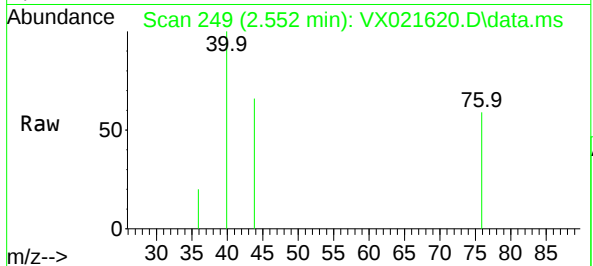




#17
Carbon Disulfide
Concen: 0.24 ug/l
RT: 2.552 min Scan# 249
Delta R.T. 0.006 min
Lab File: VX021620.D
Acq: 30 Mar 2021 11:15

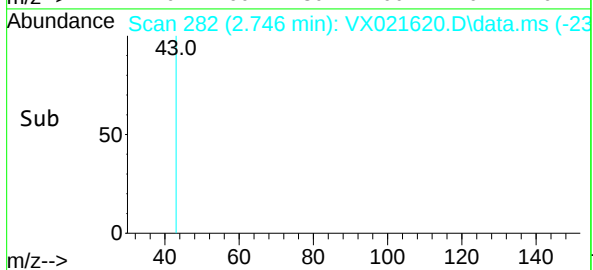
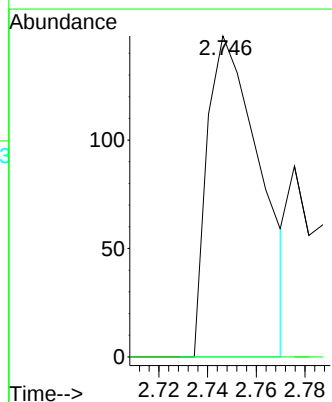
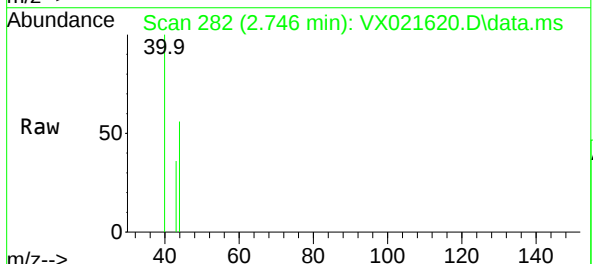
Instrument :
MSVOA_X
ClientSampleId :
VX0330WBL02

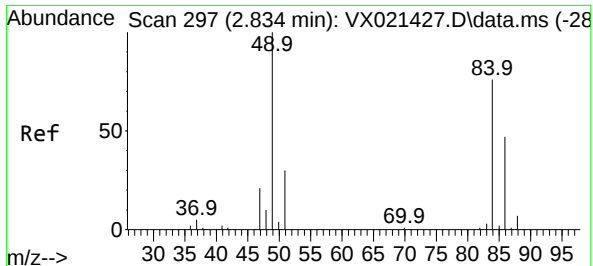
Tgt Ion: 76 Resp: 401
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 0.21 ug/l
RT: 2.746 min Scan# 282
Delta R.T. -0.006 min
Lab File: VX021620.D
Acq: 30 Mar 2021 11:15

Tgt Ion: 43 Resp: 223
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#





#20

Methylene Chloride

Concen: 0.38 ug/l

RT: 2.840 min Scan# 298

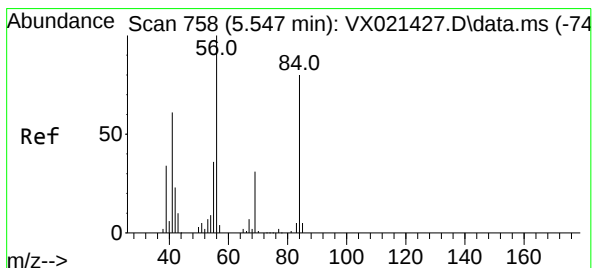
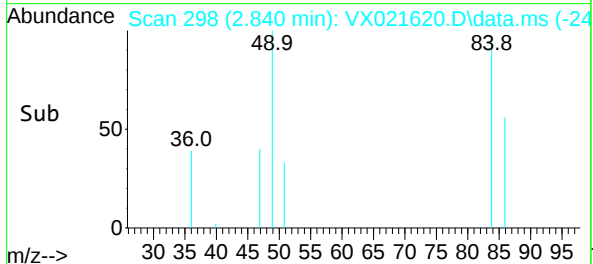
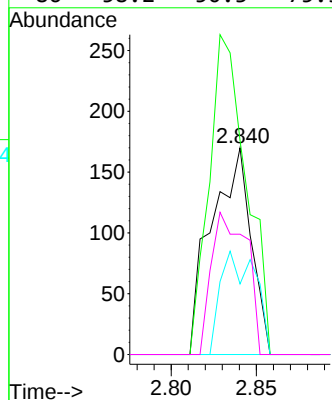
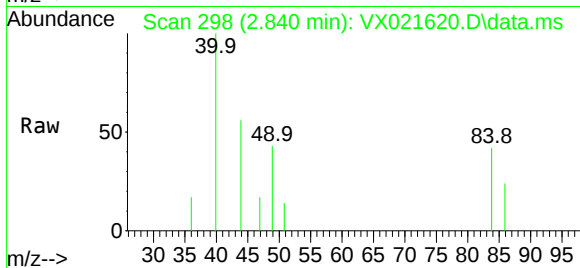
Delta R.T. 0.006 min

Lab File: VX021620.D

Acq: 30 Mar 2021 11:15

Tgt Ion: 84 Resp: 275

Ion	Ratio	Lower	Upper
84	100		
49	103.5	88.6	132.8
51	34.1	27.0	40.6
86	58.2	50.3	75.5



#31

Cyclohexane

Concen: 1.50 ug/l

RT: 5.623 min Scan# 771

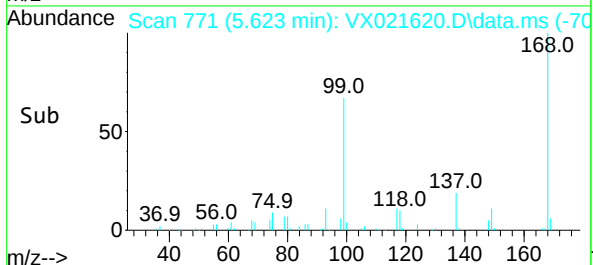
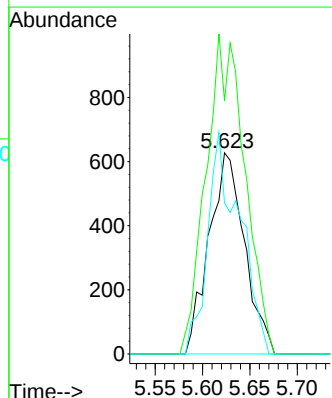
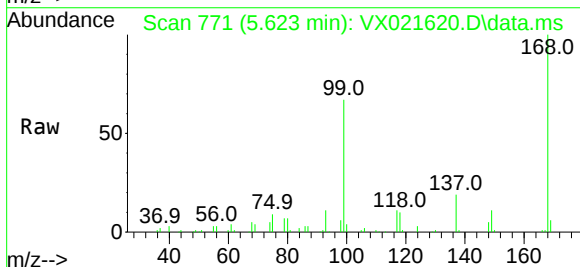
Delta R.T. 0.076 min

Lab File: VX021620.D

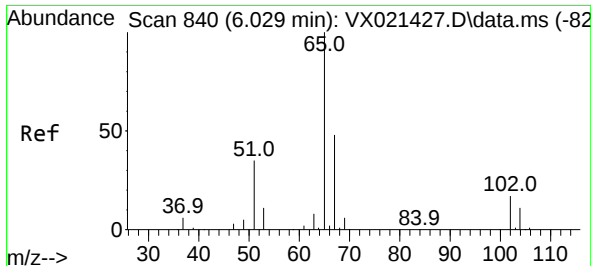
Acq: 30 Mar 2021 11:15

Tgt Ion: 56 Resp: 1632

Ion	Ratio	Lower	Upper
56	100		
69	126.0	25.3	37.9#
84	75.1	71.4	107.0



Instrument :
MSVOA_X
ClientSampleId :
VX0330WBL02



#33

1,2-Dichloroethane-d4

Concen: 51.38 ug/l

RT: 6.029 min Scan# 840

Delta R.T. 0.000 min

Lab File: VX021620.D

Acq: 30 Mar 2021 11:15

Tgt Ion: 65 Resp: 50844

Ion Ratio Lower Upper

65 100

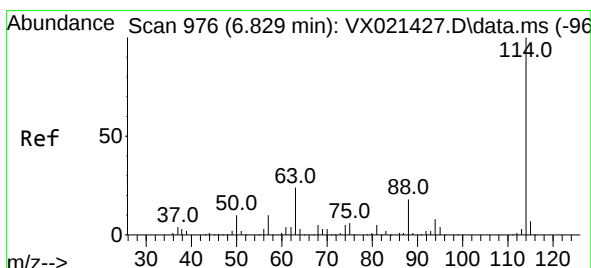
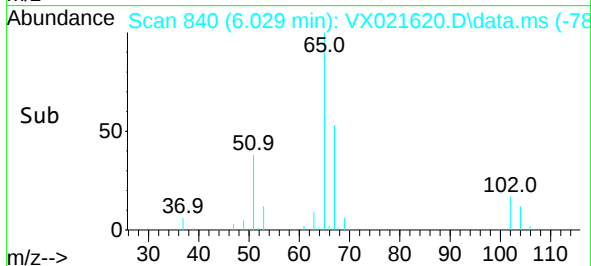
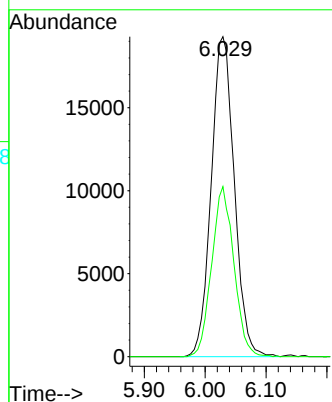
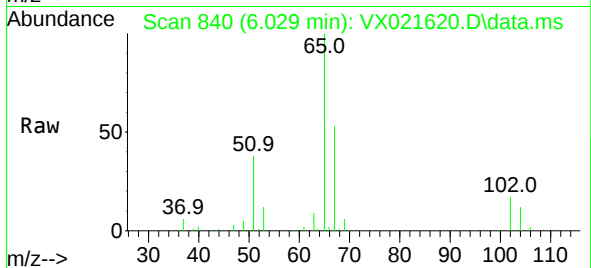
67 51.1 0.0 105.4

Instrument :

MSVOA_X

ClientSampleId :

VX0330WBL02



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.829 min Scan# 976

Delta R.T. 0.000 min

Lab File: VX021620.D

Acq: 30 Mar 2021 11:15

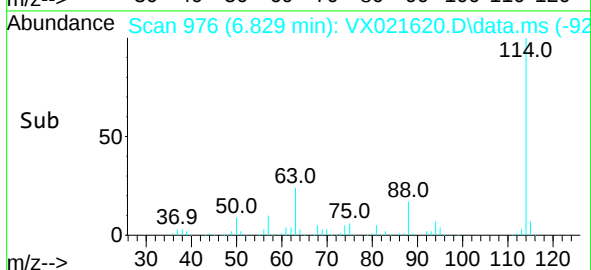
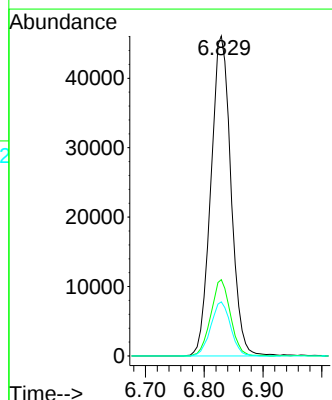
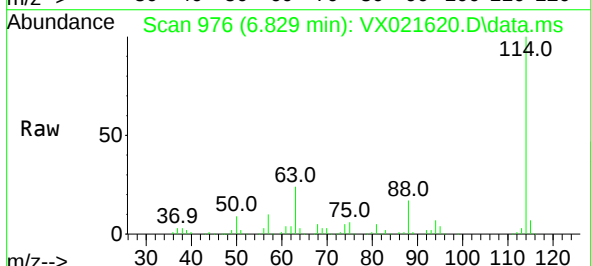
Tgt Ion: 114 Resp: 109036

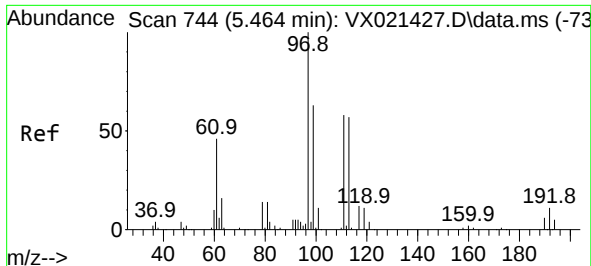
Ion Ratio Lower Upper

114 100

63 23.9 0.0 40.8

88 16.9 0.0 32.8

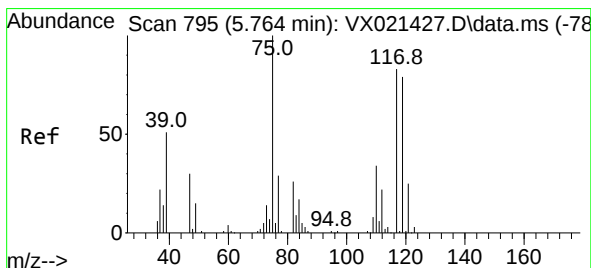
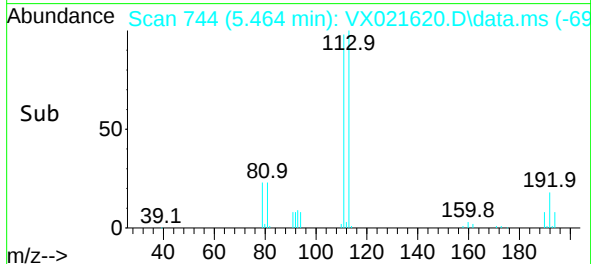
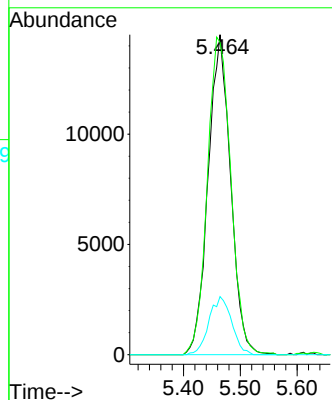
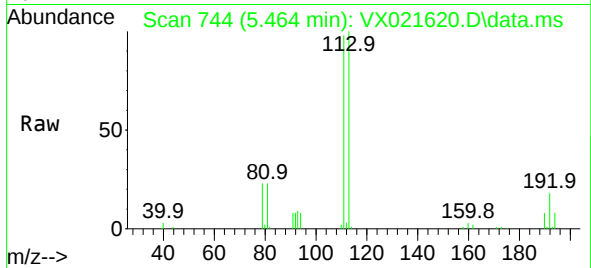




#35
Dibromofluoromethane
Concen: 51.26 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021620.D
Acq: 30 Mar 2021 11:15

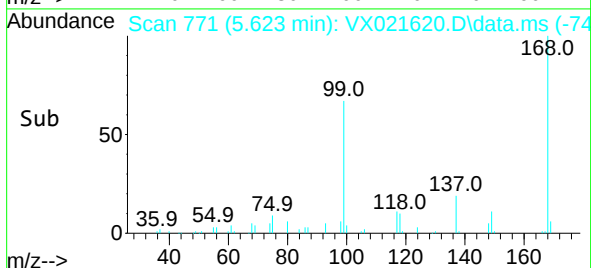
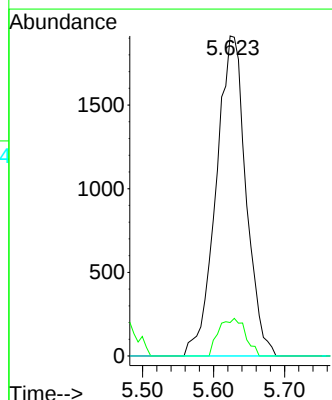
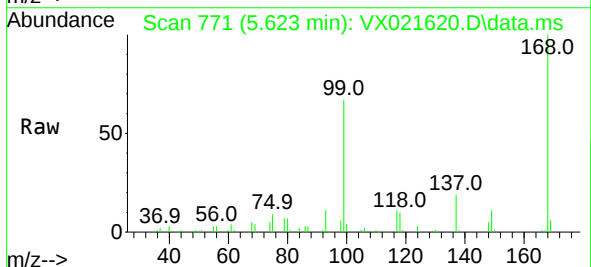
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VX0330WBL02

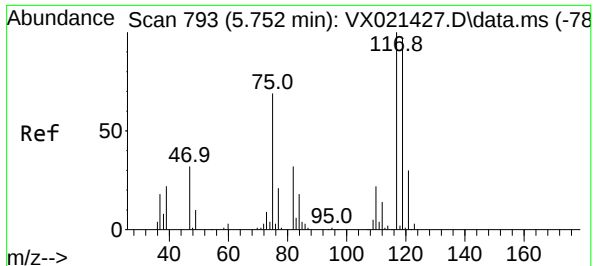
Tgt Ion:113 Resp: 39702
Ion Ratio Lower Upper
113 100
111 104.0 81.9 122.9
192 18.3 16.7 25.1



#36
1,1-Dichloropropene
Concen: 5.23 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.141 min
Lab File: VX021620.D
Acq: 30 Mar 2021 11:15

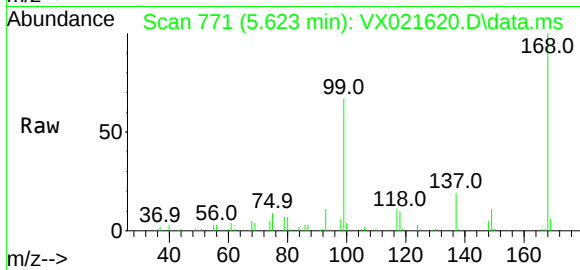
Tgt Ion: 75 Resp: 5588
Ion Ratio Lower Upper
75 100
110 10.5 18.1 54.4#
77 0.0 25.3 37.9#



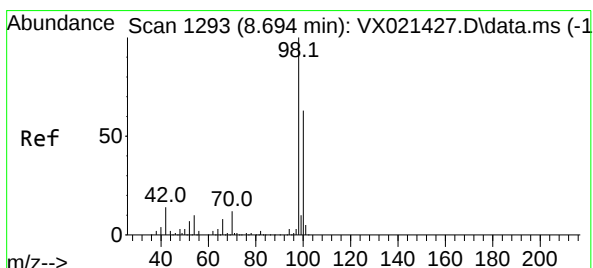
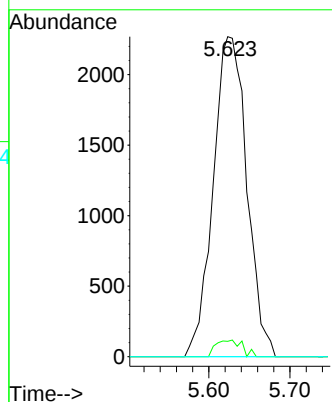
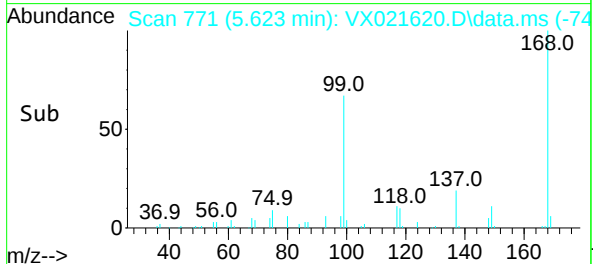


#38
Carbon Tetrachloride
Concen: 5.69 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.129 min
Lab File: VX021620.D
Acq: 30 Mar 2021 11:15

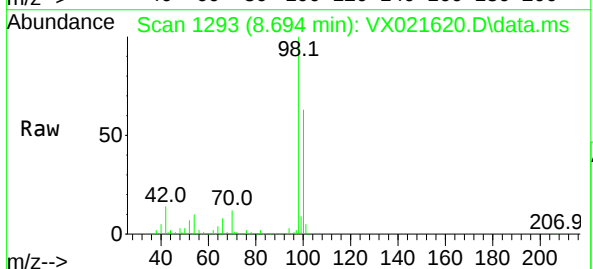
Instrument :
MSVOA_X
ClientSampleId :
VX0330WBL02



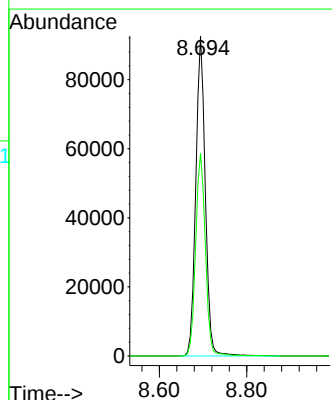
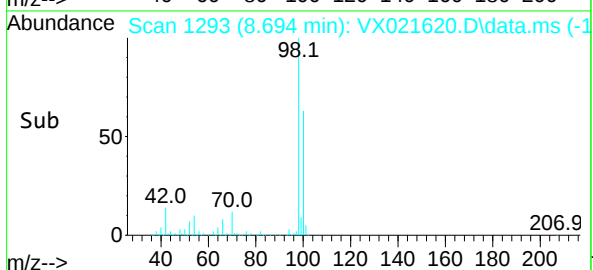
Tgt Ion:117 Resp: 6537
Ion Ratio Lower Upper
117 100
119 4.8 76.2 114.2#
121 0.0 24.8 37.2#

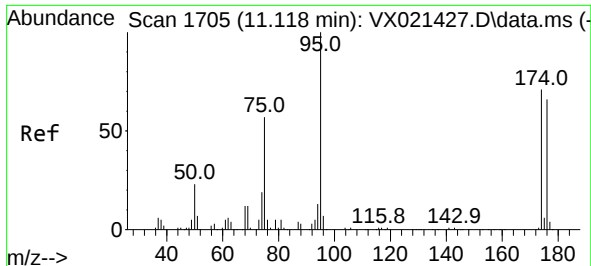


#50
Toluene-d8
Concen: 50.86 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021620.D
Acq: 30 Mar 2021 11:15



Tgt Ion: 98 Resp: 140370
Ion Ratio Lower Upper
98 100
100 64.7 51.9 77.9

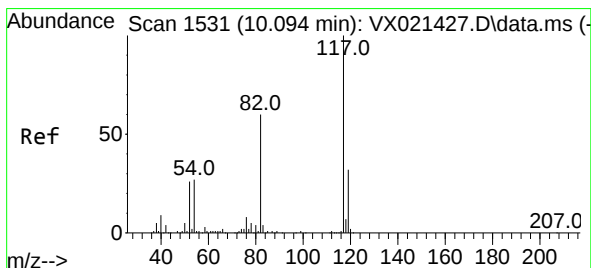
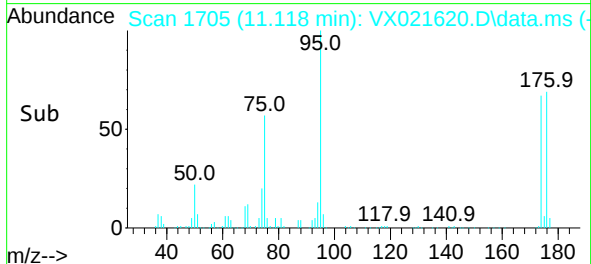
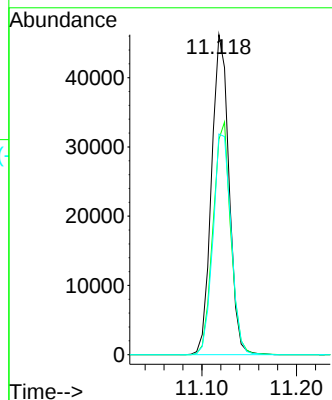
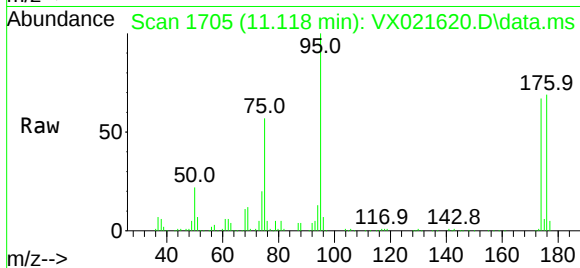




#62
4-Bromofluorobenzene
Concen: 55.03 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021620.D
Acq: 30 Mar 2021 11:15

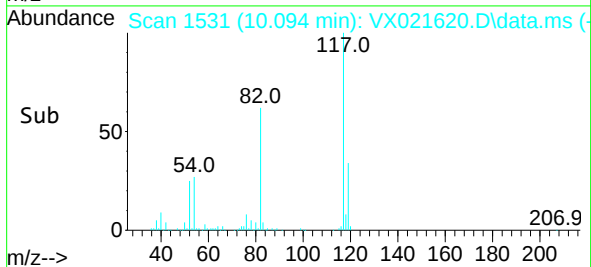
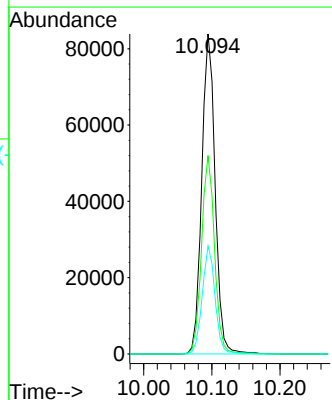
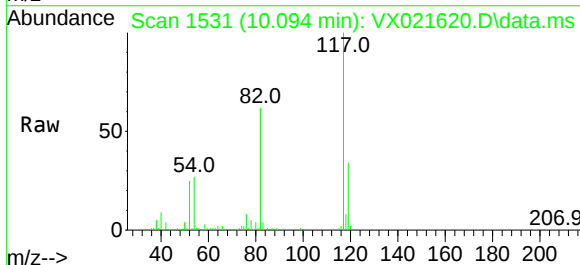
Instrument :
MSVOA_X
ClientSampleId :
VX0330WBL02

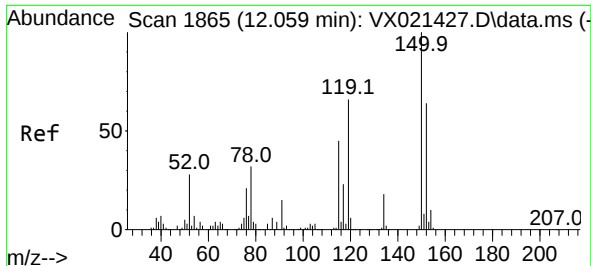
Tgt Ion: 95 Resp: 59046
Ion Ratio Lower Upper
95 100
174 73.4 0.0 154.6
176 71.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021620.D
Acq: 30 Mar 2021 11:15

Tgt Ion: 117 Resp: 114266
Ion Ratio Lower Upper
117 100
82 62.0 47.4 71.2
119 33.7 26.6 39.8

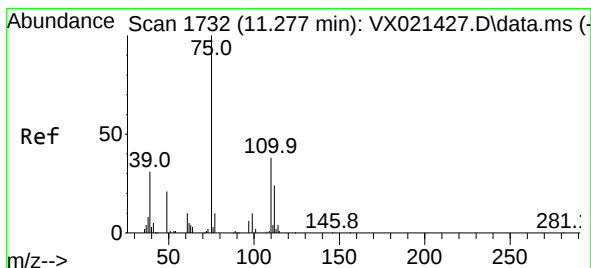
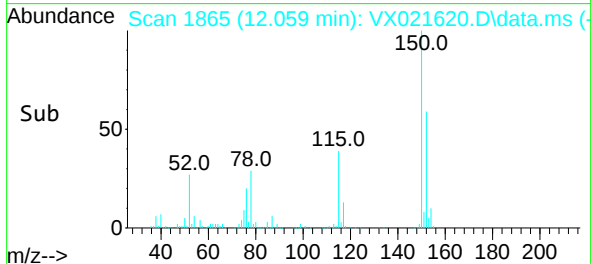
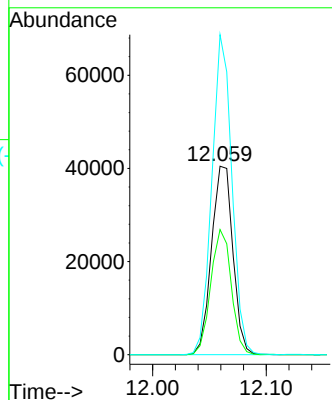
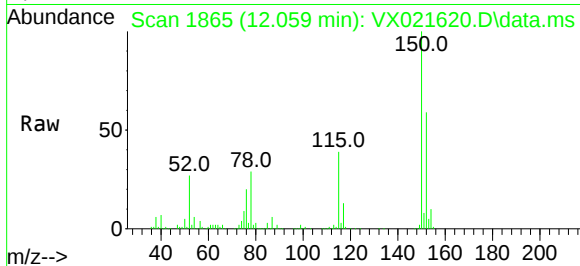




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021620.D
Acq: 30 Mar 2021 11:15

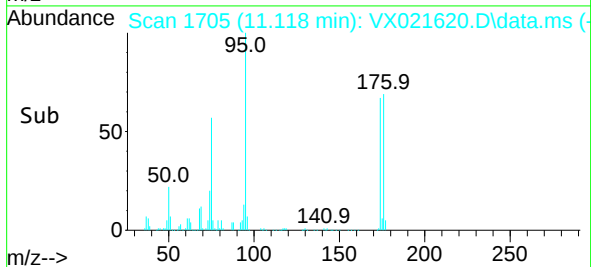
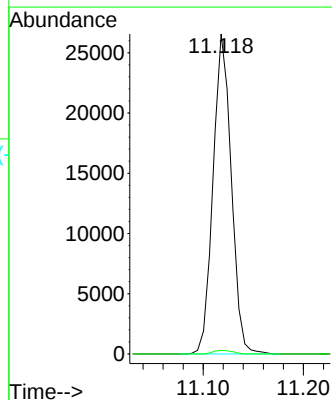
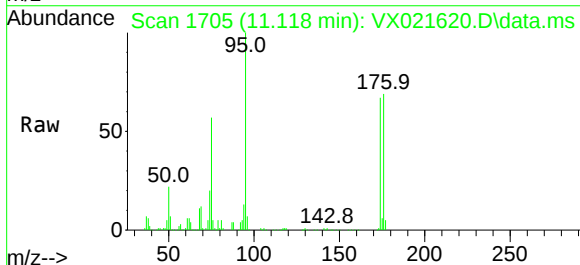
Instrument :
MSVOA_X
ClientSampleId :
VX0330WBL02

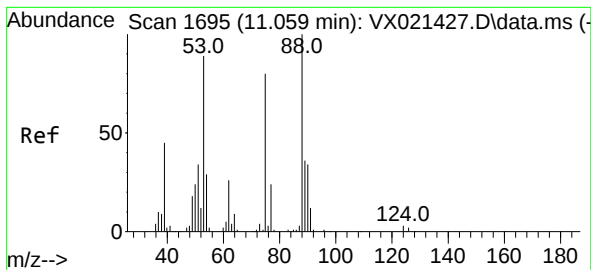
Tgt Ion:152 Resp: 53041
Ion Ratio Lower Upper
152 100
115 63.6 41.1 123.3
150 158.8 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 27.16 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021620.D
Acq: 30 Mar 2021 11:15

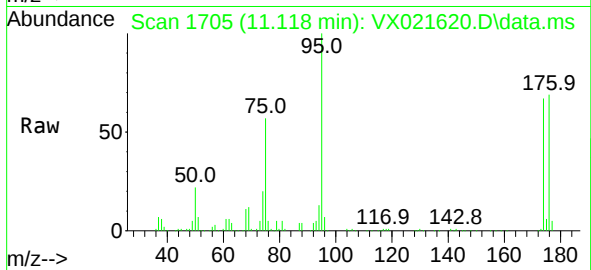
Tgt Ion: 75 Resp: 33536
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 82.73 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. 0.059 min
 Lab File: VX021620.D
 Acq: 30 Mar 2021 11:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0330WBL02



Tgt Ion: 75 Resp: 33536
 Ion Ratio Lower Upper
 75 100
 53 0.1 74.5 111.7#
 89 0.0 37.9 56.9#

