

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032121\
 Data File : VX021312.D
 Acq On : 19 Mar 2021 19:10
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Mar 20 06:36:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 16 14:00:21 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

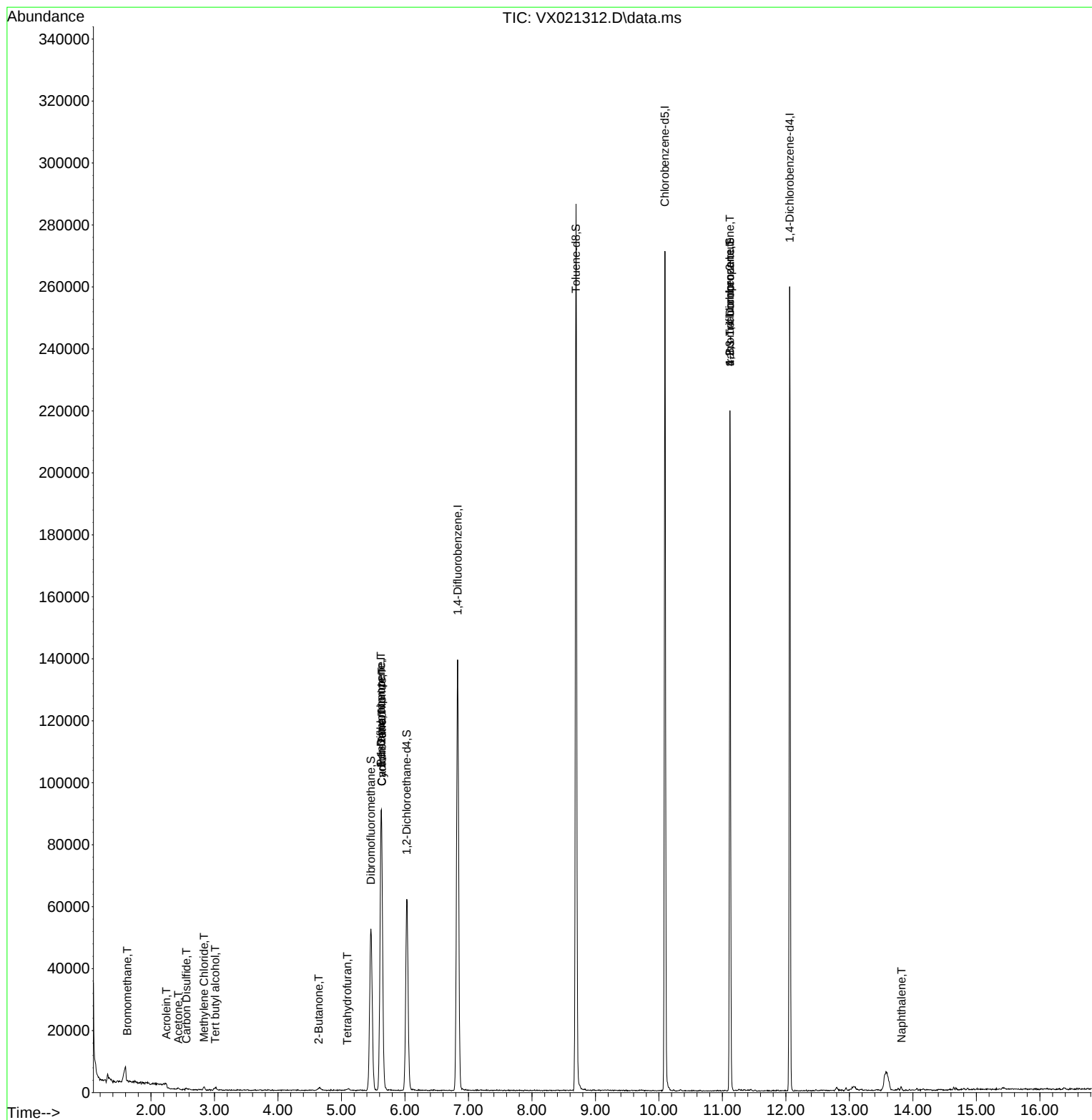
Internal Standards						
1) Pentafluorobenzene	5.623	168	79431	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.829	114	127463	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	110478	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	46966	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	60358	46.33	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.66%		
35) Dibromofluoromethane	5.464	113	43762	50.46	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.92%		
50) Toluene-d8	8.694	98	157315	49.99	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.98%		
62) 4-Bromofluorobenzene	11.118	95	54843	44.87	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.74%		
Target Compounds					Qvalue	
3) Chloromethane	1.317	50	2065	Below Cal	#	77
5) Bromomethane	1.628	94	208	0.49	ug/l	93
11) Tert butyl alcohol	3.011	59	912	4.17	ug/l	# 90
13) Acrolein	2.240	56	93	3.83	ug/l	# 62
16) Acetone	2.428	43	362	0.76	ug/l	# 40
17) Carbon Disulfide	2.558	76	423	0.71	ug/l	# 75
20) Methylene Chloride	2.834	84	420	0.43	ug/l	# 80
25) 2-Butanone	4.640	43	220	0.30	ug/l	# 45
29) Tetrahydrofuran	5.093	42	426	0.88	ug/l	# 27
31) Cyclohexane	5.635	56	2108	1.34	ug/l	# 20
36) 1,1-Dichloropropene	5.623	75	7110	5.54	ug/l	# 49
38) Carbon Tetrachloride	5.635	117	8731	6.55	ug/l	# 15
76) 1,2,3-Trichloropropane	11.118	75	30940	28.40	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.118	75	30940	77.10	ug/l	# 12
95) Naphthalene	13.818	128	875	0.26	ug/l	96

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

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MSVOA_X
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Quant Time: Mar 20 06:36:04 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 16 14:00:21 2021
Response via : Initial Calibration

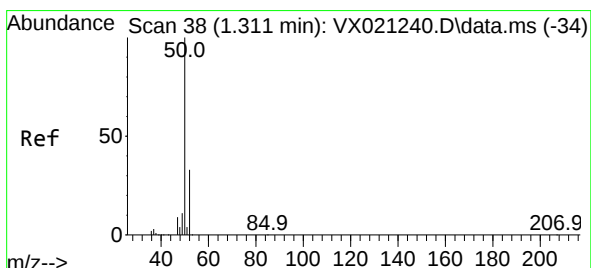
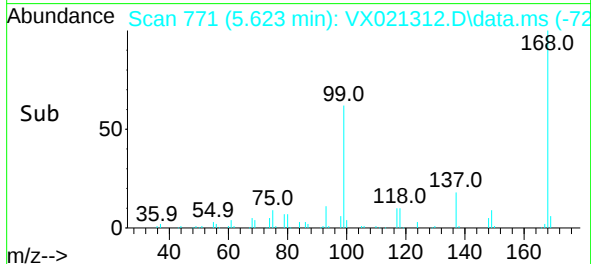
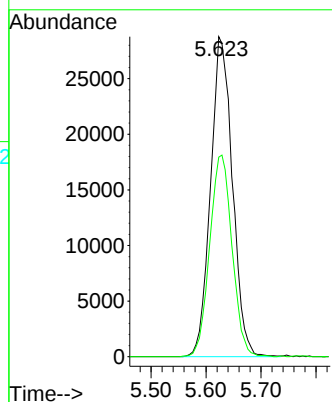
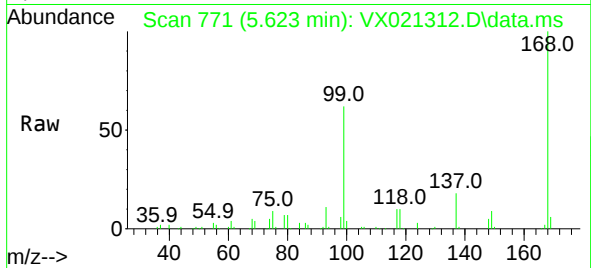




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.012 min
Lab File: VX021312.D
Acq: 19 Mar 2021 19:10

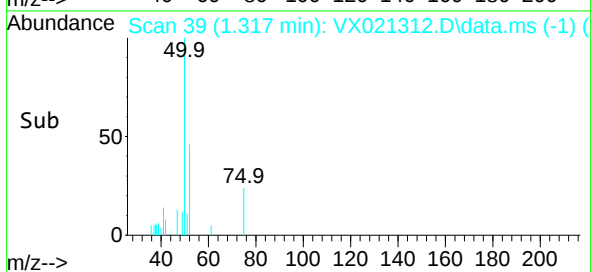
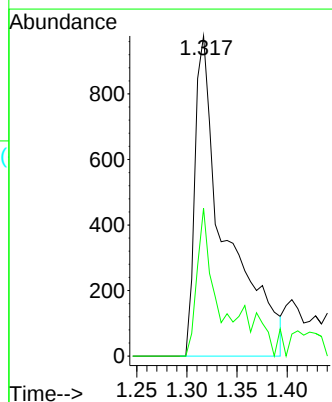
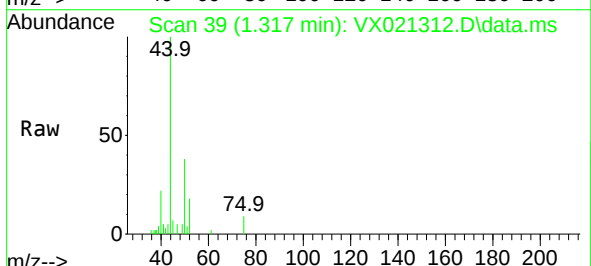
Instrument :
MSVOA_X
ClientSampleId :
IBLK

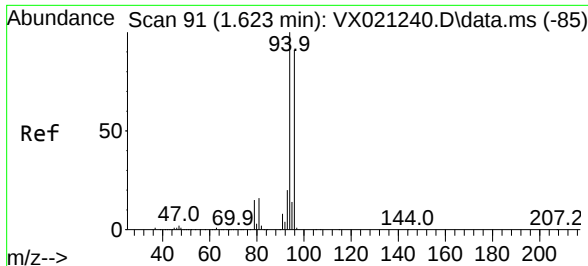
Tgt Ion:168 Resp: 79431
Ion Ratio Lower Upper
168 100
99 62.4 45.8 68.6



#3
Chloromethane
Concen: Below Cal
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021312.D
Acq: 19 Mar 2021 19:10

Tgt Ion: 50 Resp: 2065
Ion Ratio Lower Upper
50 100
52 46.2 26.4 39.6#

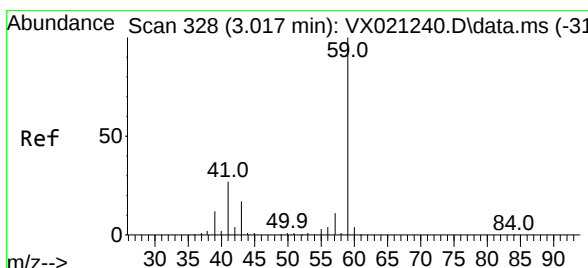
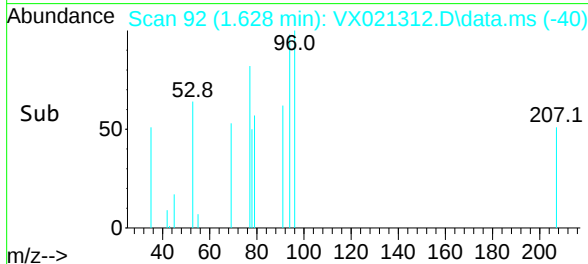
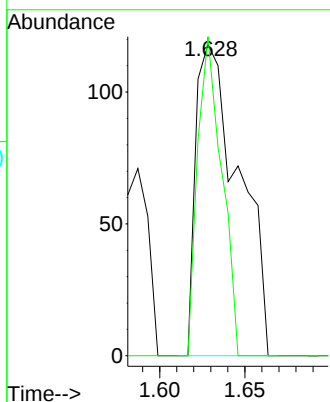
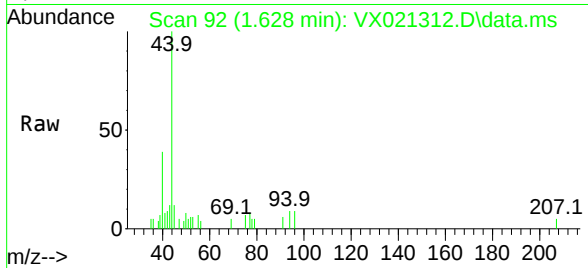




#5
Bromomethane
Concen: 0.49 ug/l
RT: 1.628 min Scan# 92
Delta R.T. 0.005 min
Lab File: VX021312.D
Acq: 19 Mar 2021 19:10

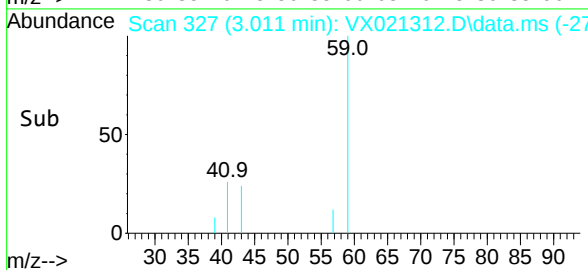
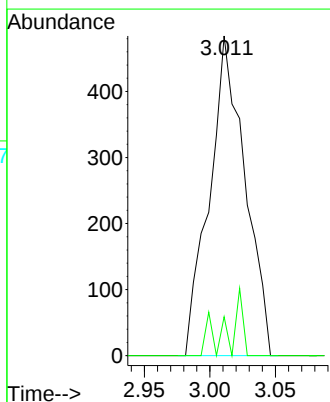
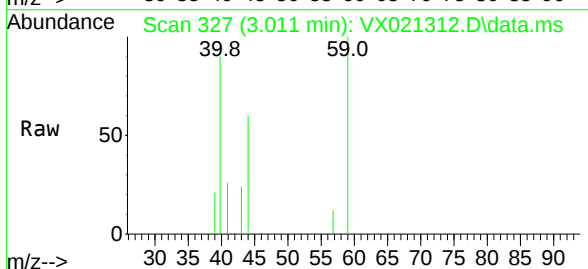
Instrument :
MSVOA_X
ClientSampleId :
IBLK

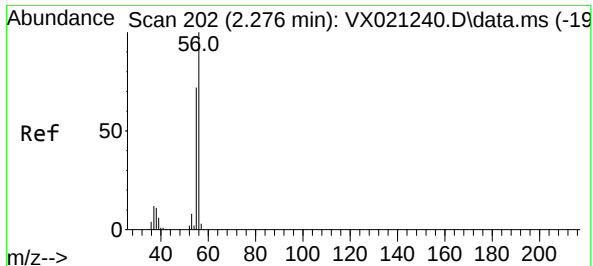
Tgt Ion: 94 Resp: 208
Ion Ratio Lower Upper
94 100
96 102.5 76.4 114.6



#11
Tert butyl alcohol
Concen: 4.17 ug/l
RT: 3.011 min Scan# 327
Delta R.T. -0.006 min
Lab File: VX021312.D
Acq: 19 Mar 2021 19:10

Tgt Ion: 59 Resp: 912
Ion Ratio Lower Upper
59 100
57 6.3 7.8 11.8#

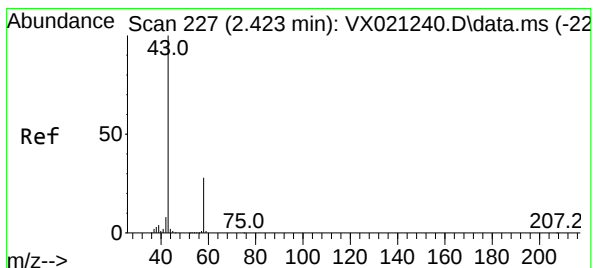
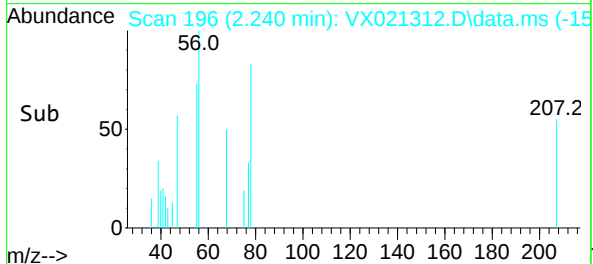
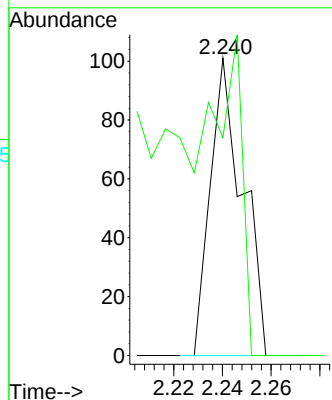
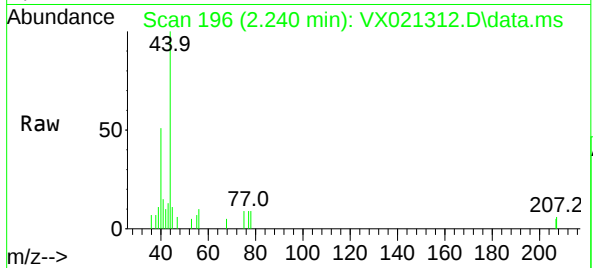




#13
Acrolein
Concen: 3.83 ug/l
RT: 2.240 min Scan# 196
Delta R.T. -0.036 min
Lab File: VX021312.D
Acq: 19 Mar 2021 19:10

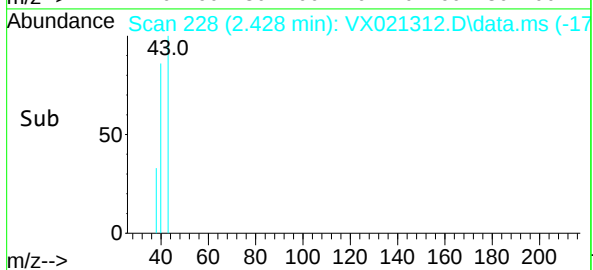
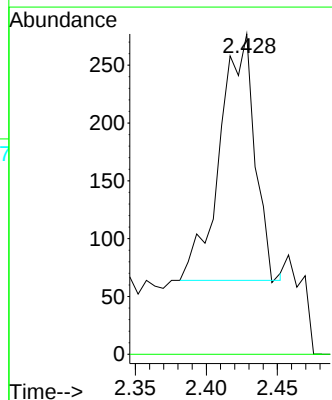
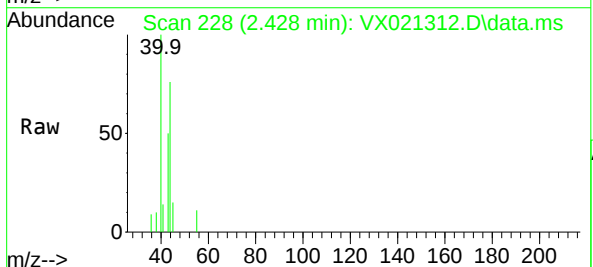
Instrument :
MSVOA_X
ClientSampled :
IBLK

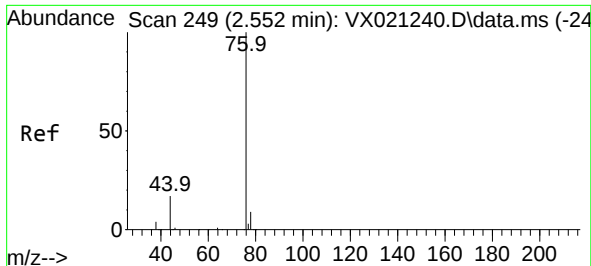
Tgt Ion: 56 Resp: 93
Ion Ratio Lower Upper
56 100
55 102.2 56.4 84.6#



#16
Acetone
Concen: 0.76 ug/l
RT: 2.428 min Scan# 228
Delta R.T. 0.005 min
Lab File: VX021312.D
Acq: 19 Mar 2021 19:10

Tgt Ion: 43 Resp: 362
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#

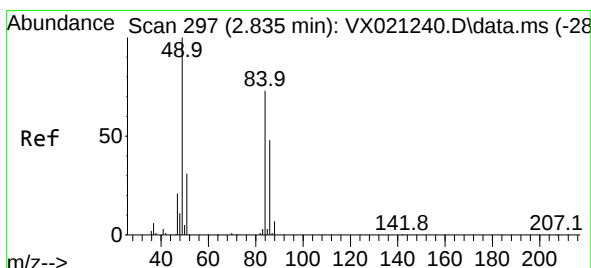
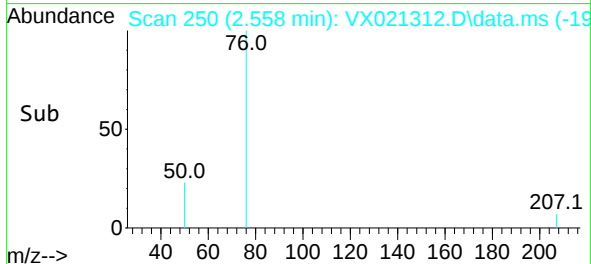
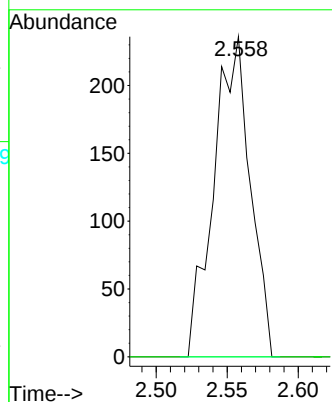
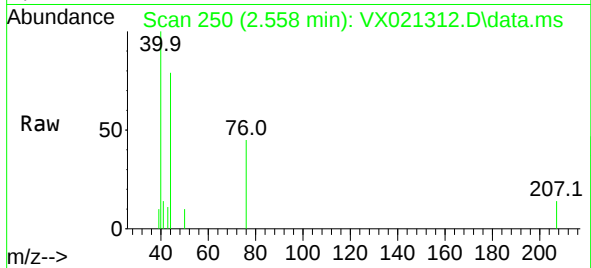




#17
Carbon Disulfide
Concen: 0.71 ug/l
RT: 2.558 min Scan# 250
Delta R.T. 0.006 min
Lab File: VX021312.D
Acq: 19 Mar 2021 19:10

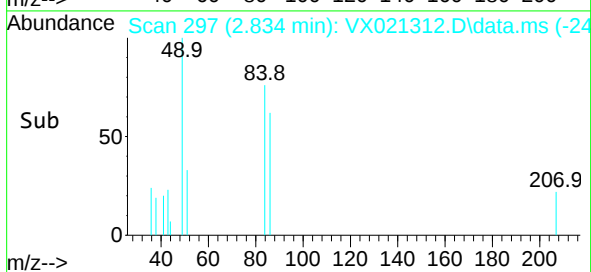
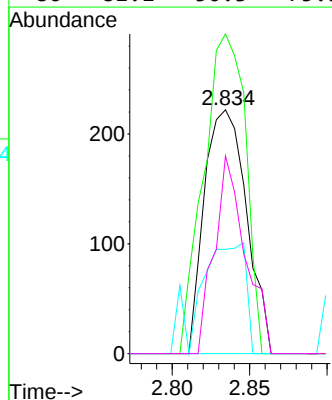
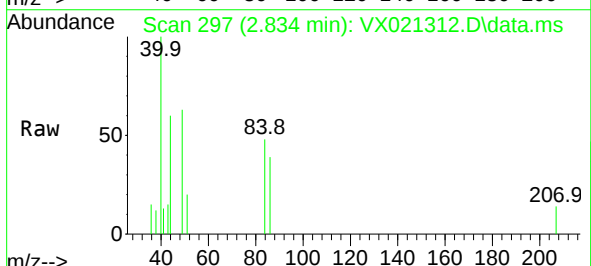
Instrument :
MSVOA_X
ClientSampled :
IBLK

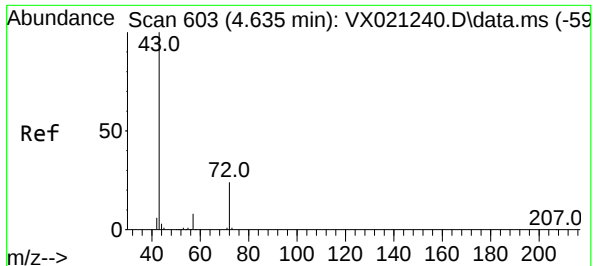
Tgt Ion: 76 Resp: 423
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 0.43 ug/l
RT: 2.834 min Scan# 297
Delta R.T. -0.001 min
Lab File: VX021312.D
Acq: 19 Mar 2021 19:10

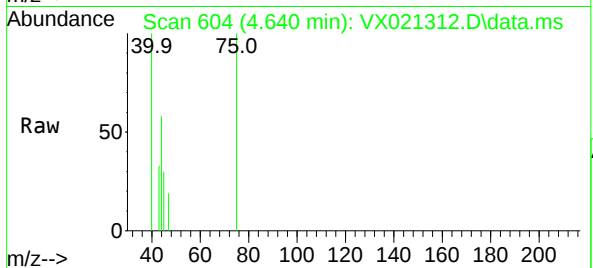
Tgt Ion: 84 Resp: 420
Ion Ratio Lower Upper
84 100
49 131.1 88.6 132.8
51 42.8 27.0 40.6#
86 81.1 50.3 75.5#



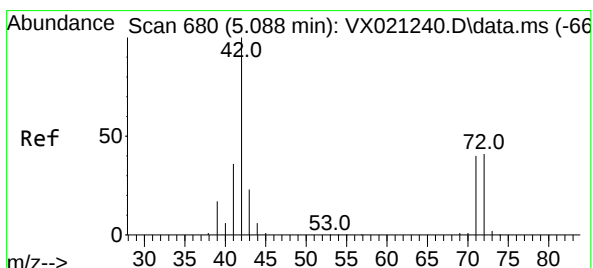
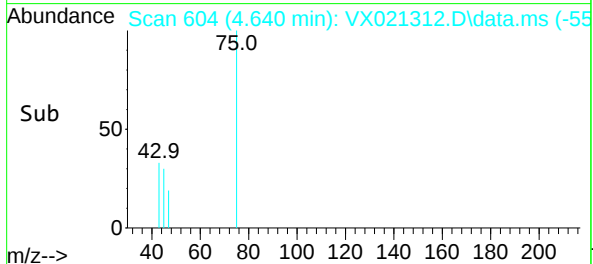
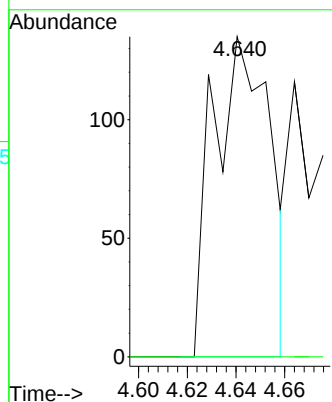


#25
2-Butanone
Concen: 0.30 ug/l
RT: 4.640 min Scan# 604
Delta R.T. 0.005 min
Lab File: VX021312.D
Acq: 19 Mar 2021 19:10

Instrument :
MSVOA_X
ClientSampled :
IBLK

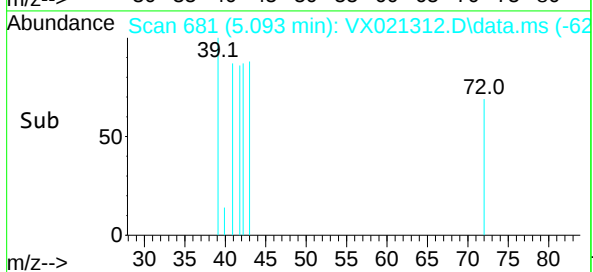
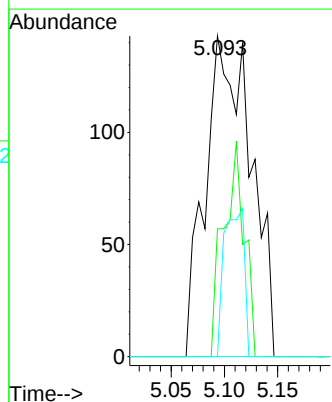
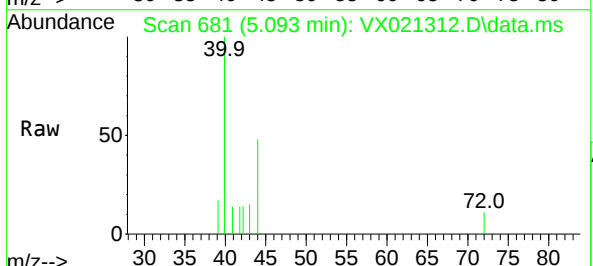


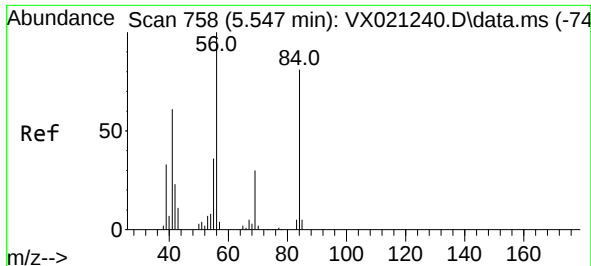
Tgt Ion: 43 Resp: 220
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#29
Tetrahydrofuran
Concen: 0.88 ug/l
RT: 5.093 min Scan# 681
Delta R.T. 0.005 min
Lab File: VX021312.D
Acq: 19 Mar 2021 19:10

Tgt Ion: 42 Resp: 426
Ion Ratio Lower Upper
42 100
72 0.0 41.7 62.5#
71 0.0 38.4 57.6#

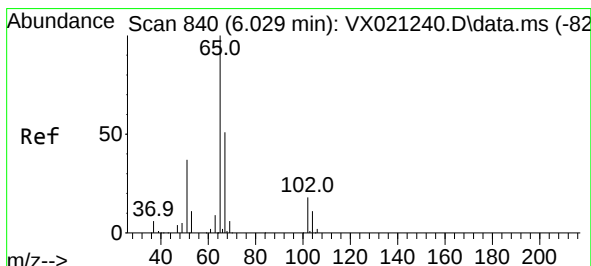
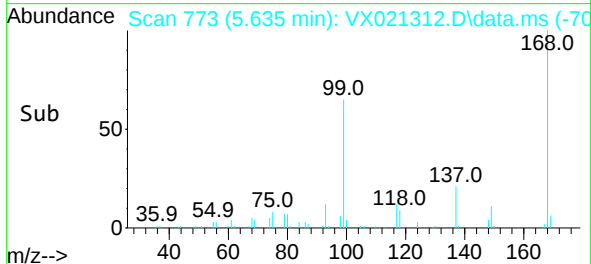
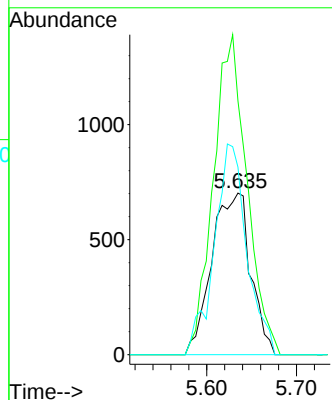
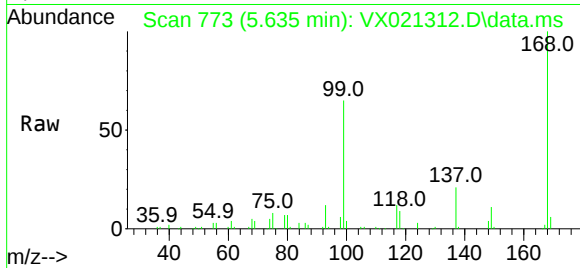




#31
Cyclohexane
Concen: 1.34 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.088 min
Lab File: VX021312.D
Acq: 19 Mar 2021 19:10

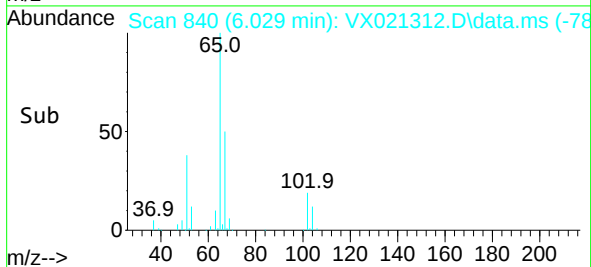
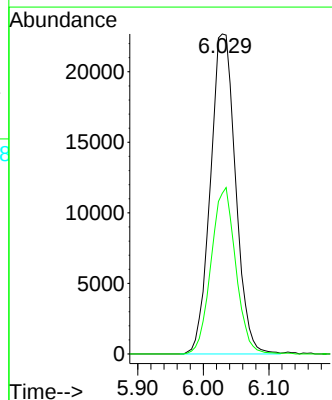
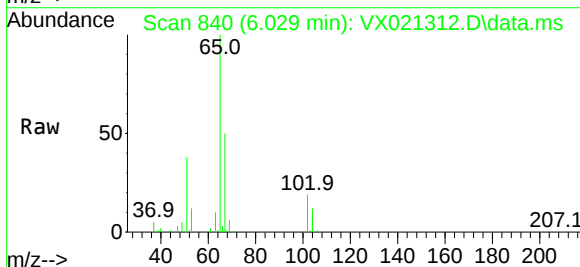
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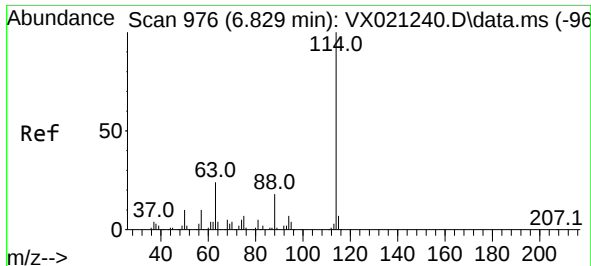
Tgt Ion: 56 Resp: 2108
Ion Ratio Lower Upper
56 100
69 157.1 25.3 37.9#
84 116.1 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 46.33 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX021312.D
Acq: 19 Mar 2021 19:10

Tgt Ion: 65 Resp: 60358
Ion Ratio Lower Upper
65 100
67 50.9 0.0 105.4

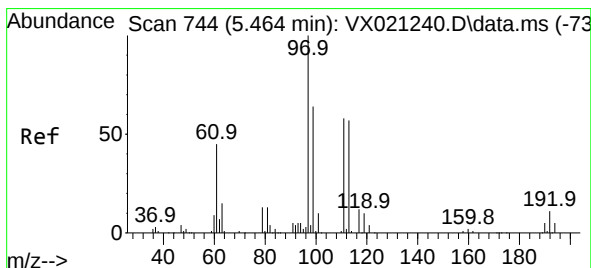
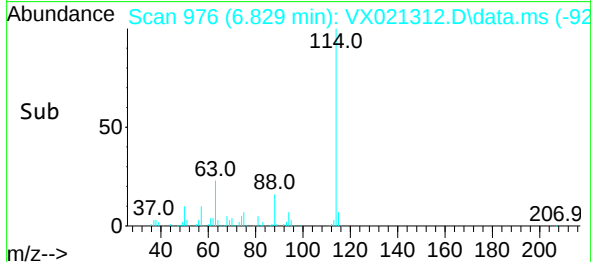
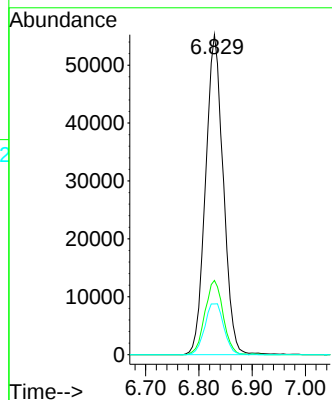
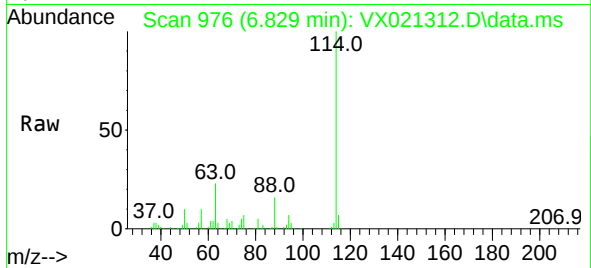




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX021312.D
Acq: 19 Mar 2021 19:10

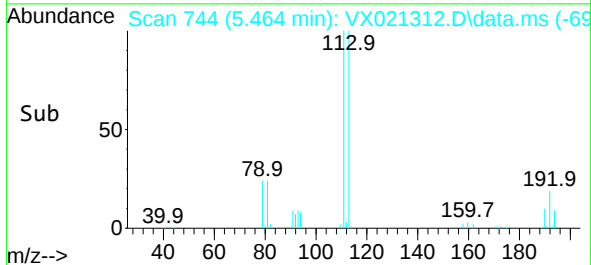
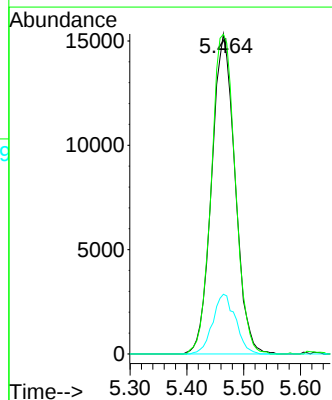
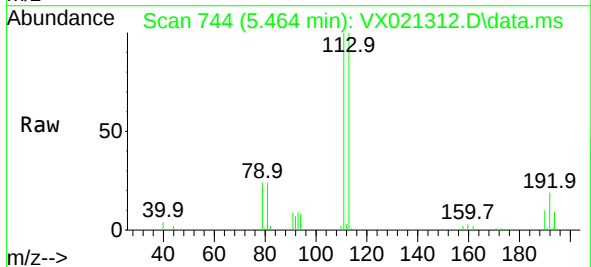
Instrument :
MSVOA_X
ClientSampled :
IBLK

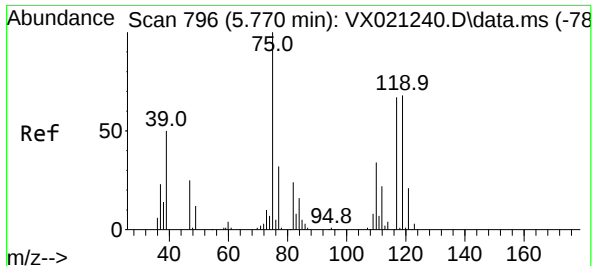
Tgt Ion:114 Resp: 127463
Ion Ratio Lower Upper
114 100
63 23.2 0.0 40.8
88 15.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.46 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021312.D
Acq: 19 Mar 2021 19:10

Tgt Ion:113 Resp: 43762
Ion Ratio Lower Upper
113 100
111 102.3 81.9 122.9
192 18.2 16.7 25.1





#36

1,1-Dichloropropene

Concen: 5.54 ug/l

RT: 5.623 min Scan# 771

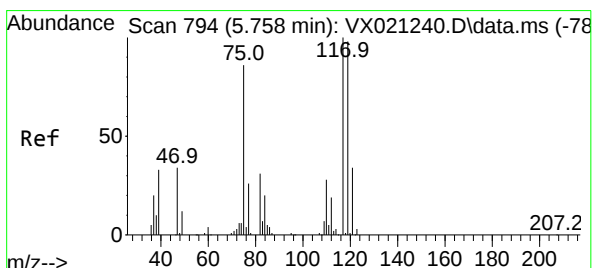
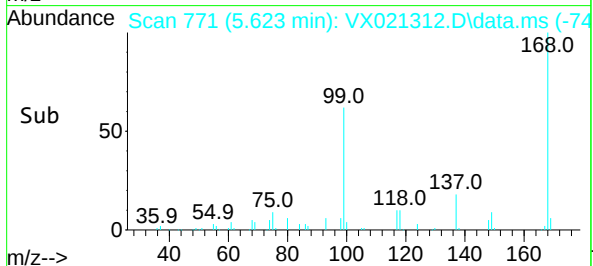
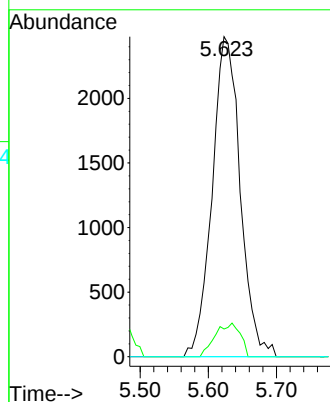
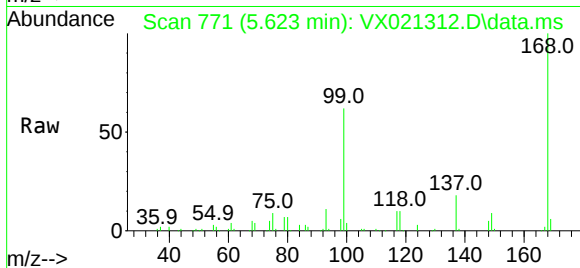
Delta R.T. -0.147 min

Lab File: VX021312.D

Acq: 19 Mar 2021 19:10

Tgt Ion:	75	Resp:	7110
Ion	Ratio	Lower	Upper
75	100		
110	9.4	18.1	54.4#
77	0.0	25.3	37.9#

Instrument :
MSVOA_X
ClientSampled :
IBLK



#38

Carbon Tetrachloride

Concen: 6.55 ug/l

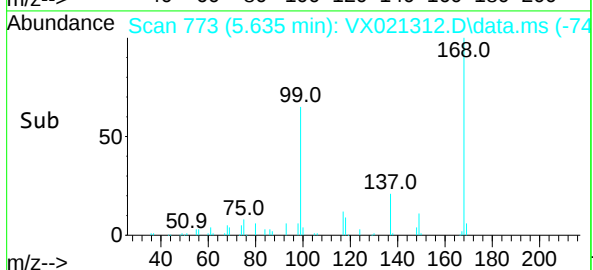
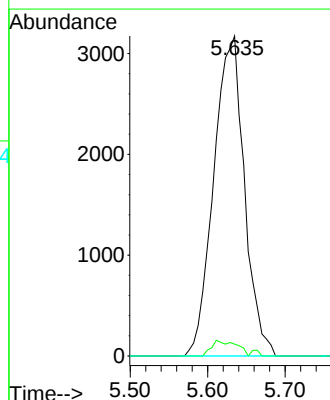
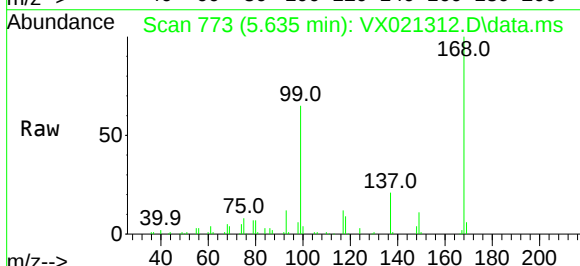
RT: 5.635 min Scan# 773

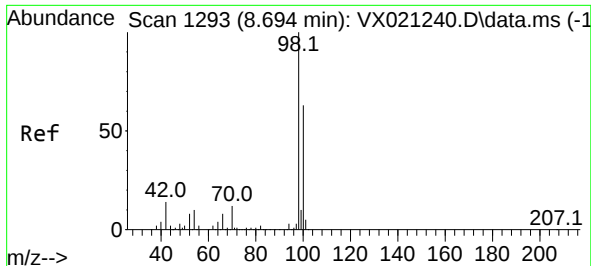
Delta R.T. -0.123 min

Lab File: VX021312.D

Acq: 19 Mar 2021 19:10

Tgt Ion:	117	Resp:	8731
Ion	Ratio	Lower	Upper
117	100		
119	3.7	76.2	114.2#
121	0.0	24.8	37.2#

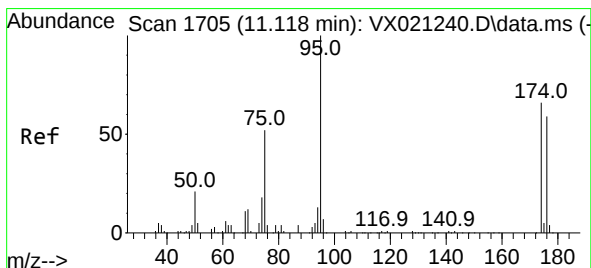
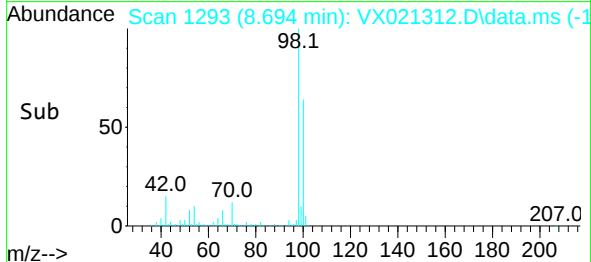
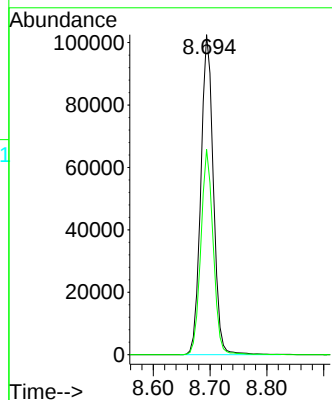
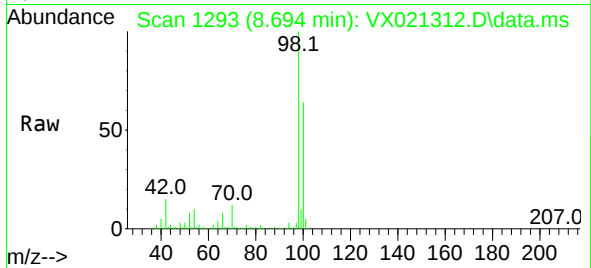




#50
Toluene-d8
Concen: 49.99 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021312.D
Acq: 19 Mar 2021 19:10

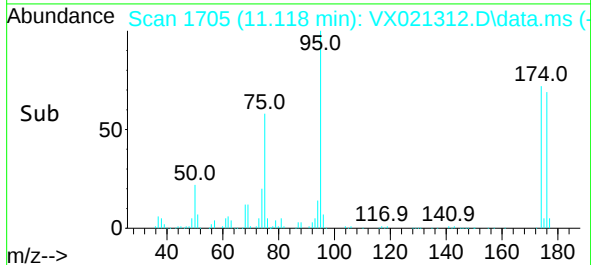
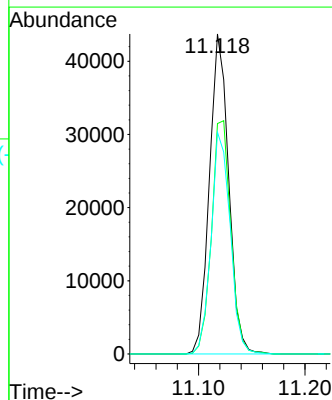
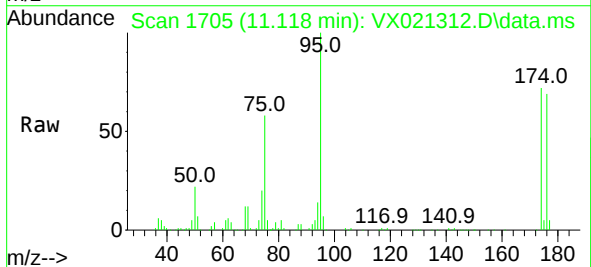
Instrument :
MSVOA_X
ClientSampled :
IBLK

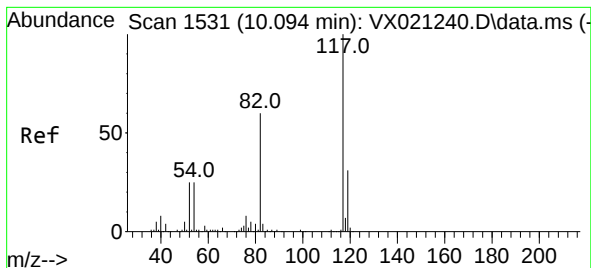
Tgt Ion: 98 Resp: 157315
Ion Ratio Lower Upper
98 100
100 63.3 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 44.87 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021312.D
Acq: 19 Mar 2021 19:10

Tgt Ion: 95 Resp: 54843
Ion Ratio Lower Upper
95 100
174 73.2 0.0 154.6
176 68.6 0.0 155.8

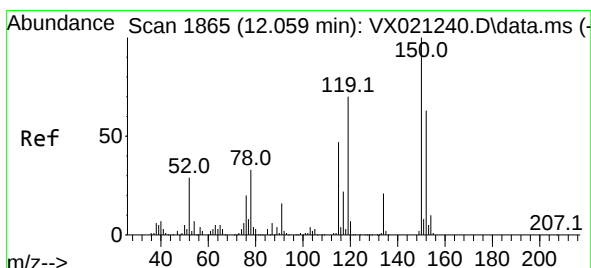
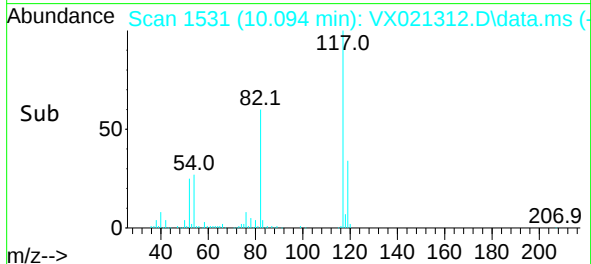
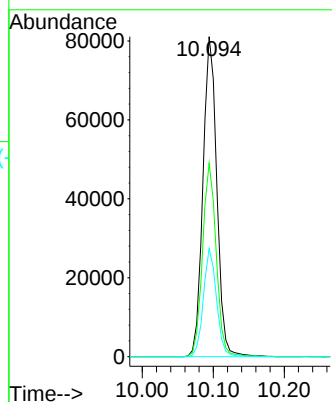
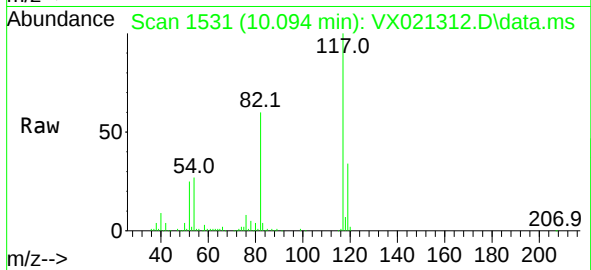




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021312.D
Acq: 19 Mar 2021 19:10

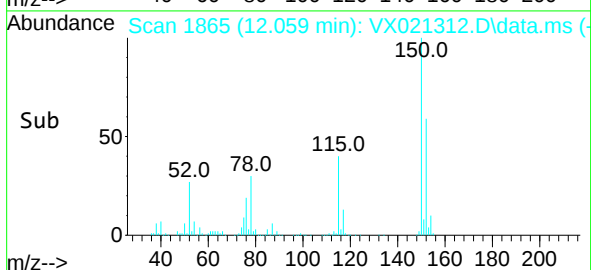
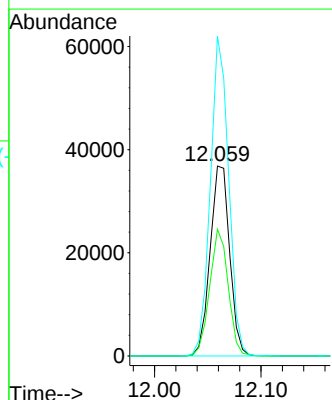
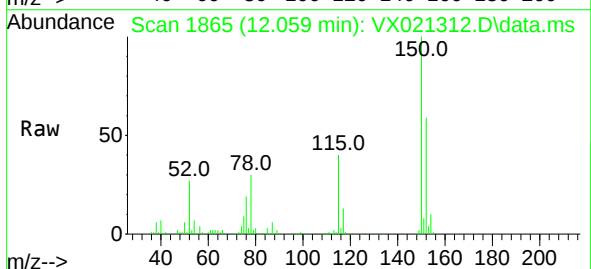
Instrument :
MSVOA_X
ClientSampled :
IBLK

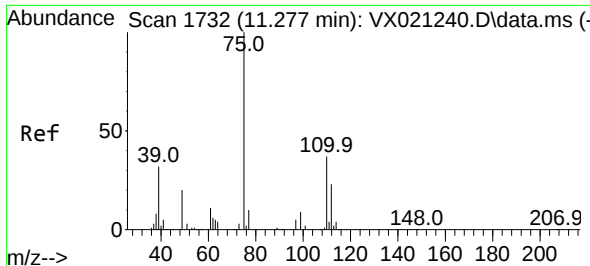
Tgt Ion:117 Resp: 110478
Ion Ratio Lower Upper
117 100
82 60.5 47.4 71.2
119 33.8 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021312.D
Acq: 19 Mar 2021 19:10

Tgt Ion:152 Resp: 46966
Ion Ratio Lower Upper
152 100
115 62.9 41.1 123.3
150 157.1 0.0 349.0

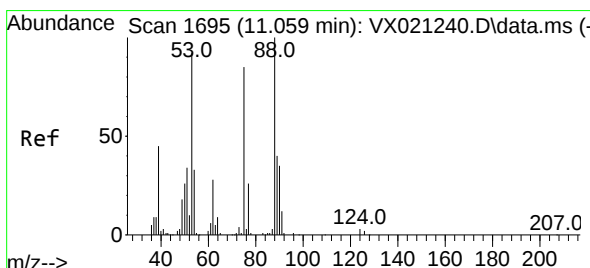
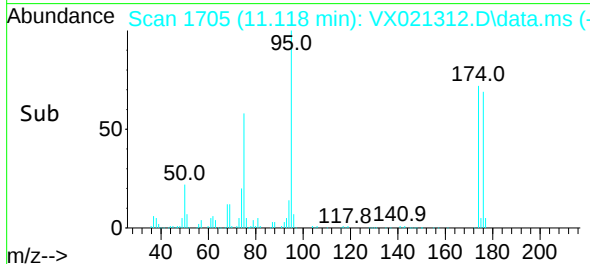
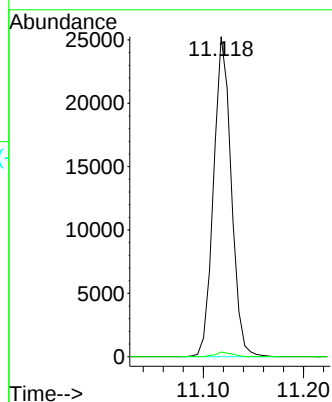
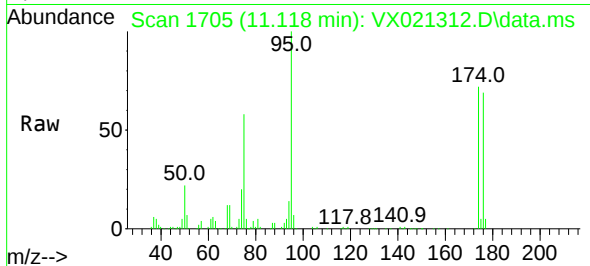




#76
1,2,3-Trichloropropane
Concen: 28.40 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021312.D
Acq: 19 Mar 2021 19:10

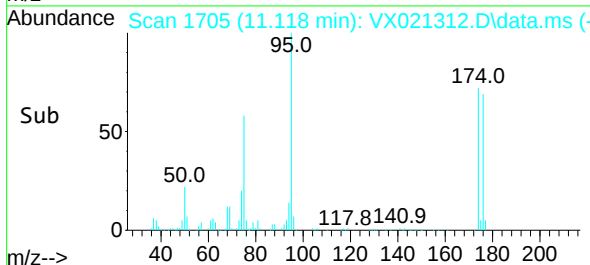
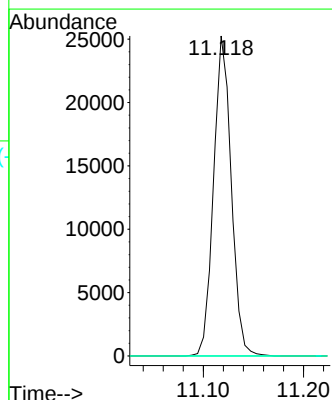
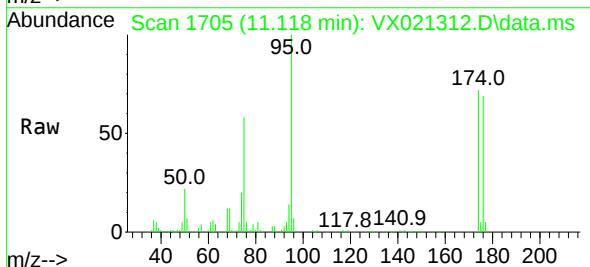
Instrument :
MSVOA_X
ClientSampled :
IBLK

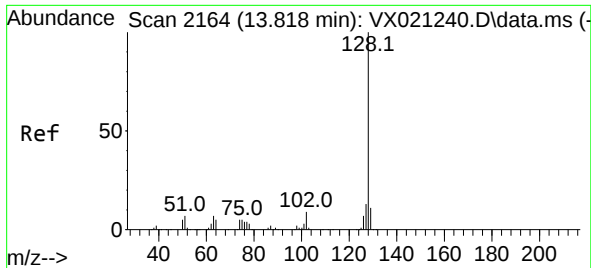
Tgt Ion: 75 Resp: 30940
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.10 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021312.D
Acq: 19 Mar 2021 19:10

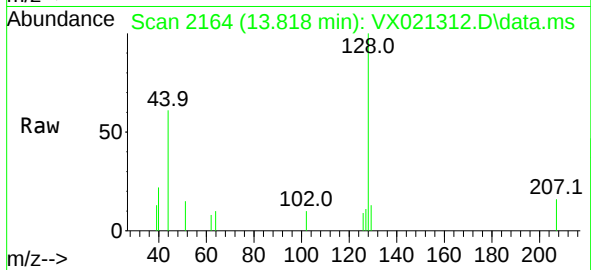
Tgt Ion: 75 Resp: 30940
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 0.26 ug/l
RT: 13.818 min Scan# 2164
Delta R.T. 0.000 min
Lab File: VX021312.D
Acq: 19 Mar 2021 19:10

Instrument :
MSVOA_X
ClientSampleId :
IBLK



Tgt Ion:	128	Resp:	875
Ion	Ratio	Lower	Upper
128	100		
127	15.3	10.3	15.5
129	10.1	8.8	13.2

