

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011221\
 Data File : VX020582.D
 Acq On : 12 Jan 2021 16:08
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jan 13 00:27:42 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X011121W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 11 15:05:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.629	168	183181	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	282171	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	265554	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	122692	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	93355	42.43	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	84.86%
35) Dibromofluoromethane	5.464	113	91001	46.54	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.08%
50) Toluene-d8	8.696	98	335438	47.95	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.90%
62) 4-Bromofluorobenzene	11.122	95	120612	48.82	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.64%

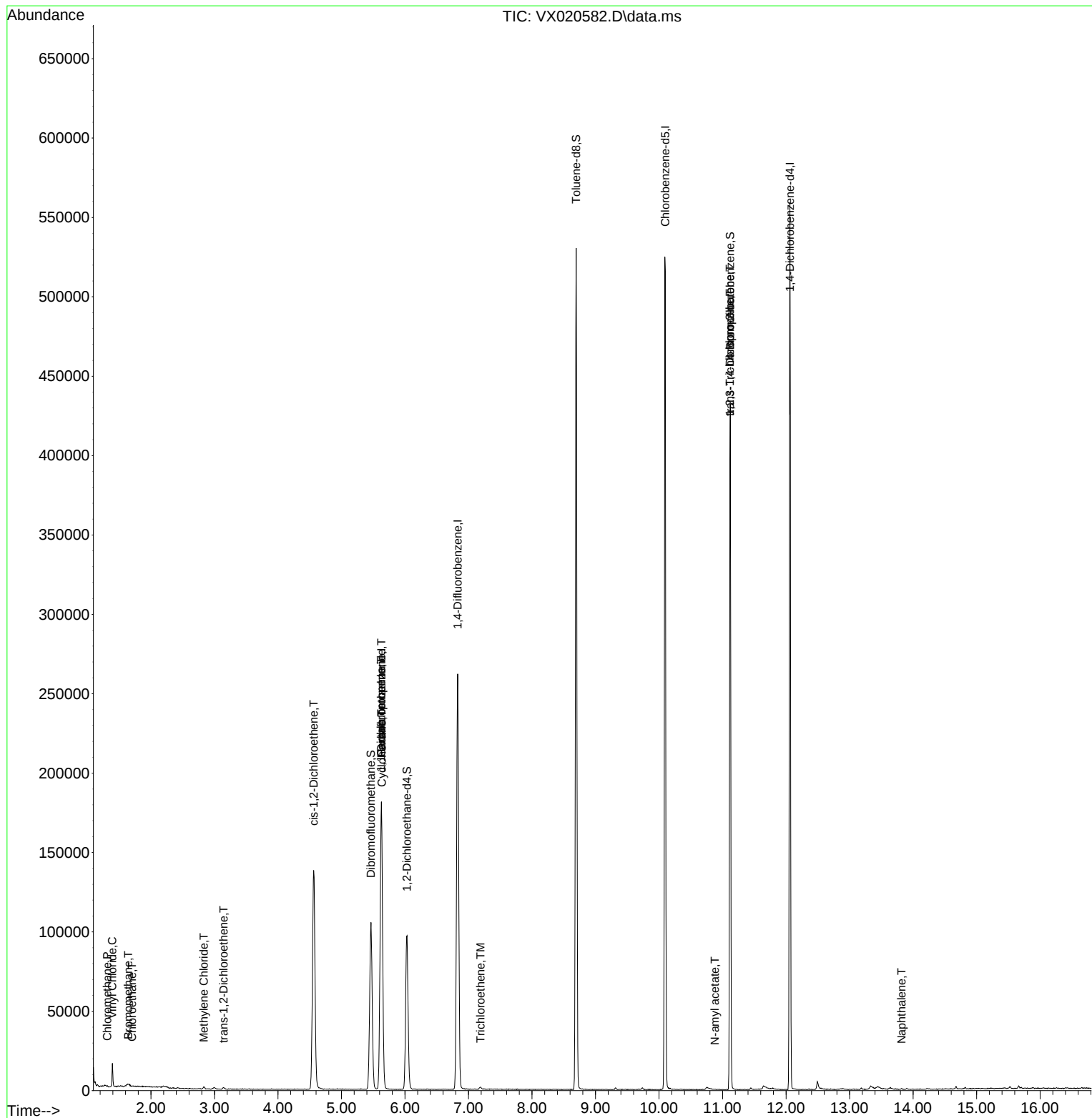
Target Compounds						Qvalue
3) Chloromethane	1.313	50	375	0.22	ug/l #	88
4) Vinyl Chloride	1.392	62	8619	4.49	ug/l	97
5) Bromomethane	1.642	94	295	0.23	ug/l #	80
6) Chloroethane	1.703	64	21	0.44	ug/l #	43
11) Tert butyl alcohol	2.989	59	640	Below	Cal #	73
16) Acetone	2.422	43	466	Below	Cal	92
20) Methylene Chloride	2.831	84	692	0.33	ug/l	91
21) trans-1,2-Dichloroethene	3.142	96	427	0.22	ug/l #	64
27) cis-1,2-Dichloroethene	4.562	96	97985	44.70	ug/l	83
31) Cyclohexane	5.635	56	2677	1.04	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	11413	4.43	ug/l #	50
38) Carbon Tetrachloride	5.629	117	16533	5.50	ug/l #	18
44) Trichloroethene	7.190	130	466	0.20	ug/l	97
74) N-amyl acetate	10.878	43	19	1.24	ug/l #	38
76) 1,2,3-Trichloropropane	11.116	75	53605	20.74	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	53605	56.51	ug/l #	12
95) Naphthalene	13.817	128	604	3.91	ug/l #	74

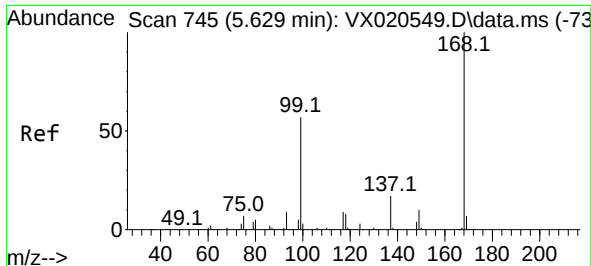
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011221\
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ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Quant Time: Jan 13 00:27:42 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X011121W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 11 15:05:37 2021
Response via : Initial Calibration

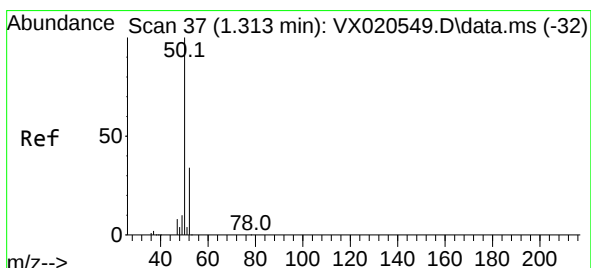
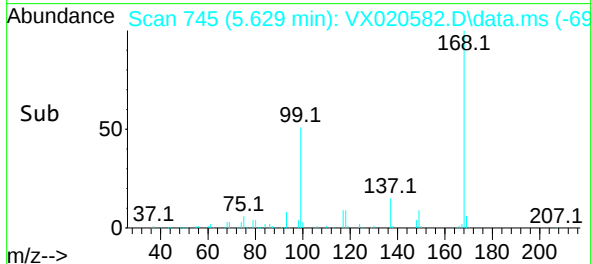
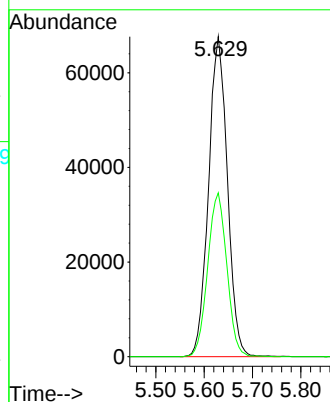
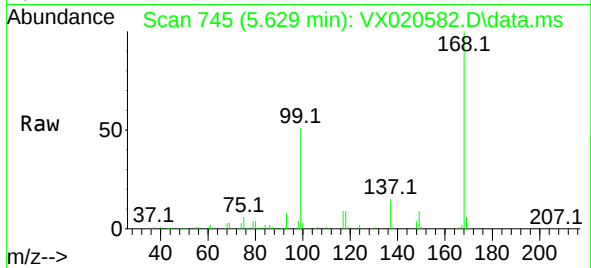




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.000 min
Lab File: VX020582.D
Acq: 12 Jan 2021 16:08

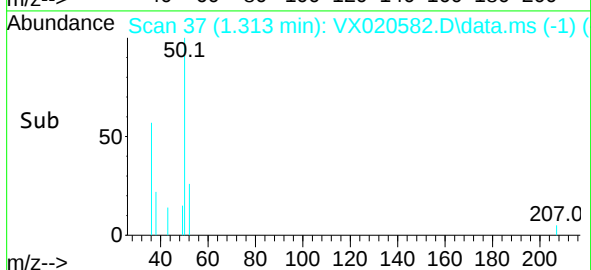
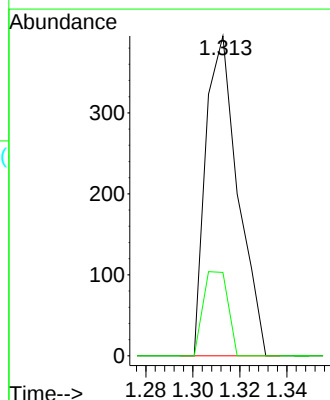
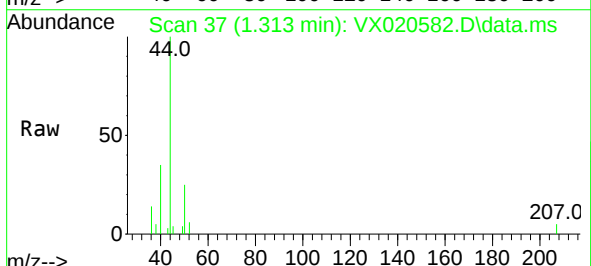
Instrument :
MSVOA_X
ClientSampleId :
IBLK

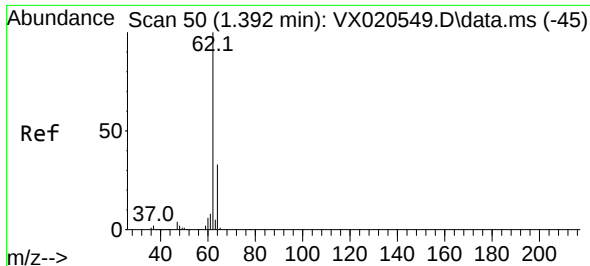
Tgt Ion:168 Resp: 183181
Ion Ratio Lower Upper
168 100
99 51.2 45.8 68.6



#3
Chloromethane
Concen: 0.22 ug/l
RT: 1.313 min Scan# 37
Delta R.T. -0.000 min
Lab File: VX020582.D
Acq: 12 Jan 2021 16:08

Tgt Ion: 50 Resp: 375
Ion Ratio Lower Upper
50 100
52 26.1 26.4 39.6#

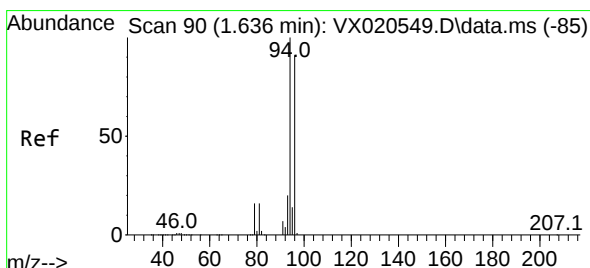
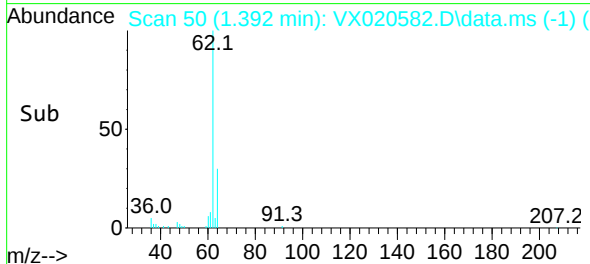
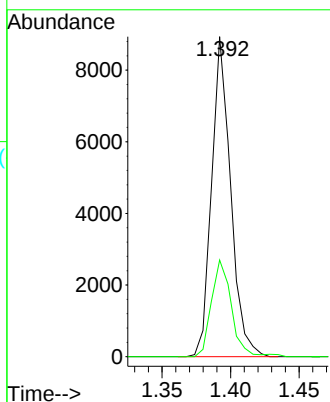
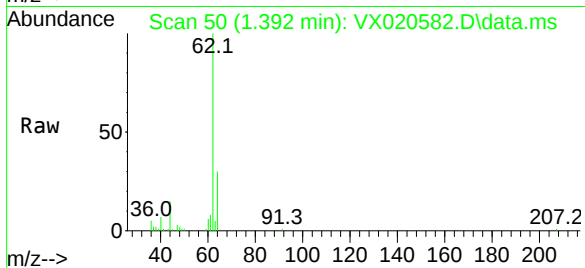




#4
 Vinyl Chloride
 Concen: 4.49 ug/l
 RT: 1.392 min Scan# 50
 Delta R.T. 0.000 min
 Lab File: VX020582.D
 Acq: 12 Jan 2021 16:08

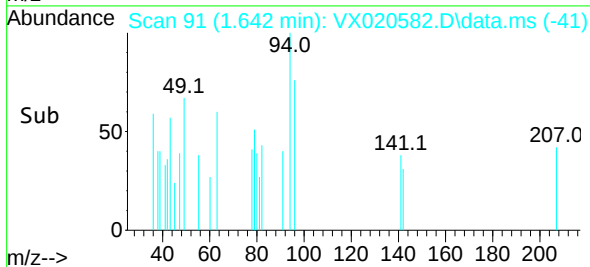
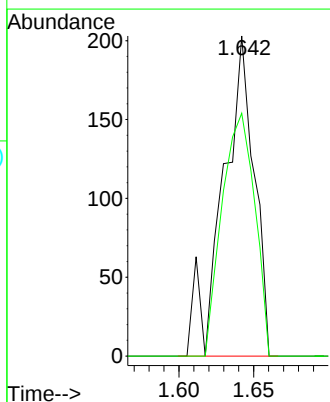
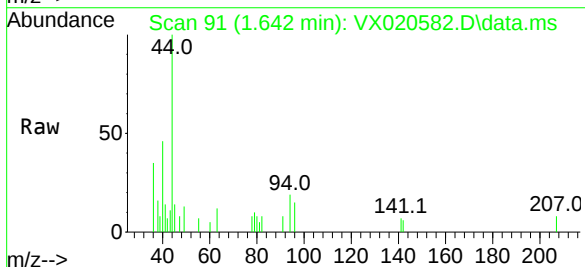
Instrument :
 MSVOA_X
 ClientSampled :
 IBLK

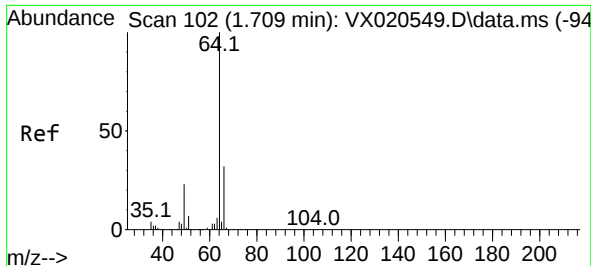
Tgt Ion: 62 Resp: 8619
 Ion Ratio Lower Upper
 62 100
 64 30.2 25.7 38.5



#5
 Bromomethane
 Concen: 0.23 ug/l
 RT: 1.642 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VX020582.D
 Acq: 12 Jan 2021 16:08

Tgt Ion: 94 Resp: 295
 Ion Ratio Lower Upper
 94 100
 96 75.9 76.4 114.6#

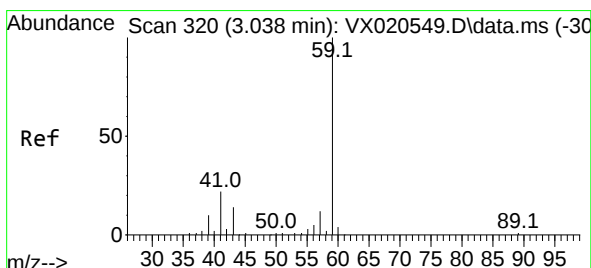
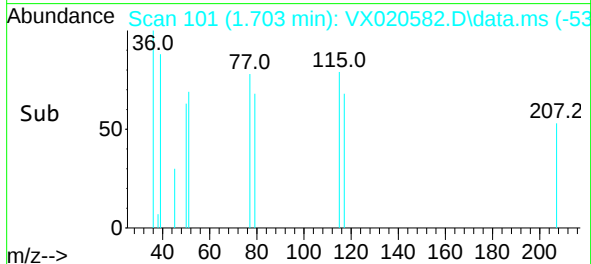
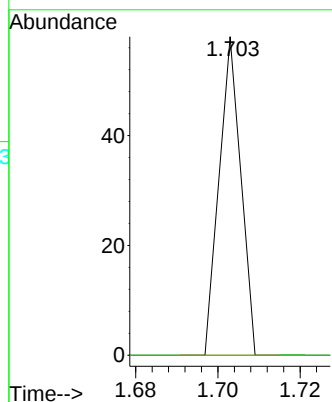
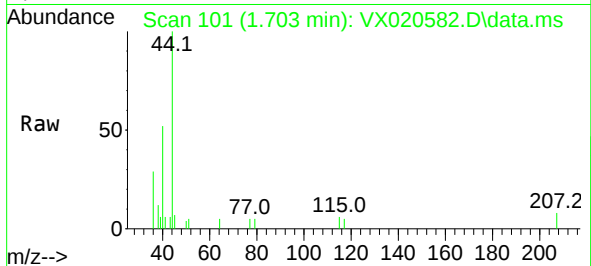




#6
Chloroethane
Concen: 0.44 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.006 min
Lab File: VX020582.D
Acq: 12 Jan 2021 16:08

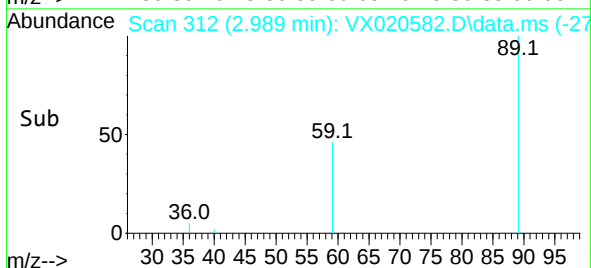
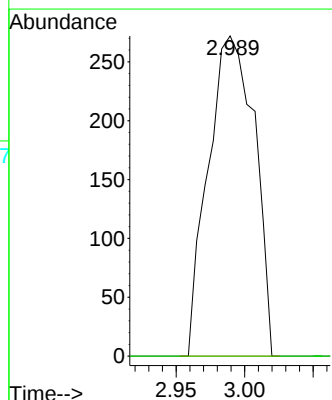
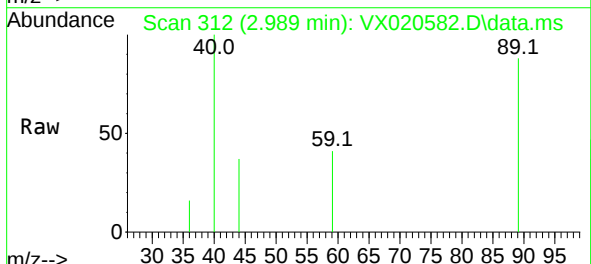
Instrument :
MSVOA_X
ClientSampled :
IBLK

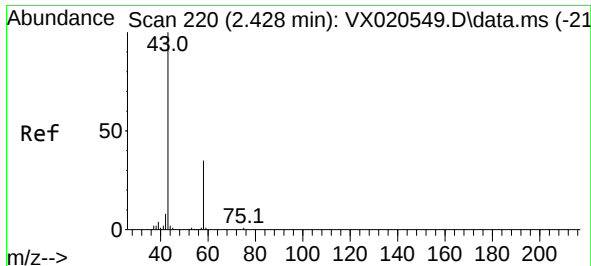
Tgt Ion: 64 Resp: 21
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.989 min Scan# 312
Delta R.T. -0.049 min
Lab File: VX020582.D
Acq: 12 Jan 2021 16:08

Tgt Ion: 59 Resp: 640
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

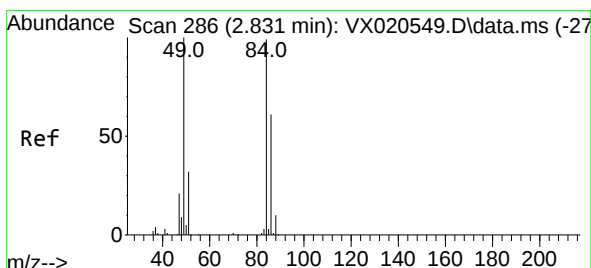
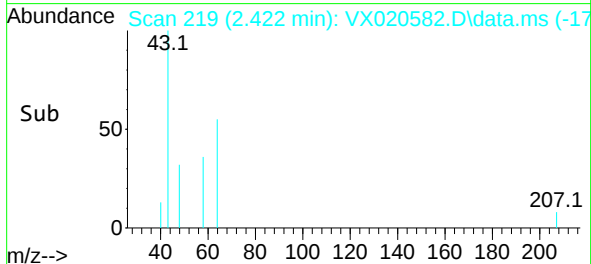
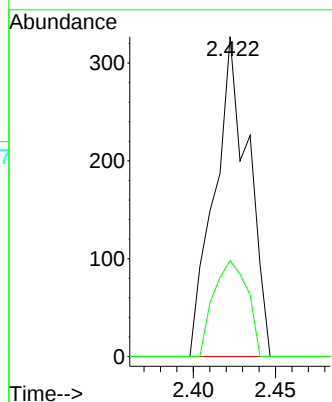
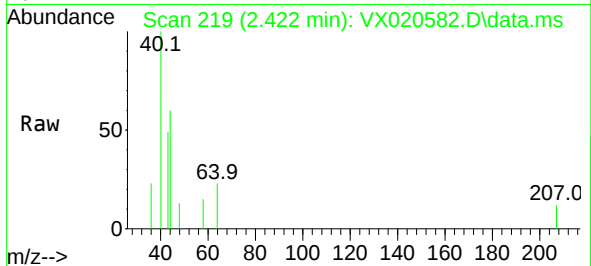




#16
Acetone
Concen: Below Cal
RT: 2.422 min Scan# 219
Delta R.T. -0.006 min
Lab File: VX020582.D
Acq: 12 Jan 2021 16:08

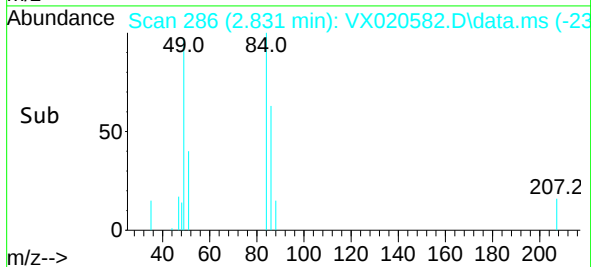
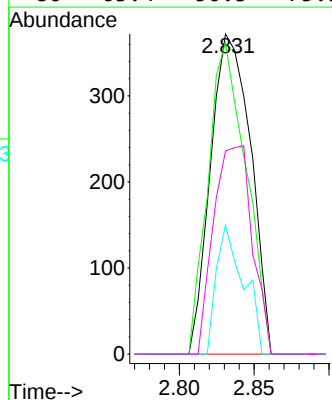
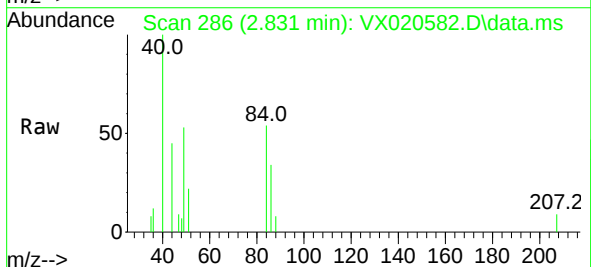
Instrument :
MSVOA_X
ClientSampled :
IBLK

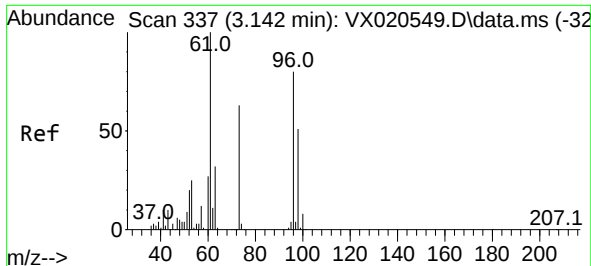
Tgt Ion: 43 Resp: 466
Ion Ratio Lower Upper
43 100
58 30.0 27.8 41.8



#20
Methylene Chloride
Concen: 0.33 ug/l
RT: 2.831 min Scan# 286
Delta R.T. -0.000 min
Lab File: VX020582.D
Acq: 12 Jan 2021 16:08

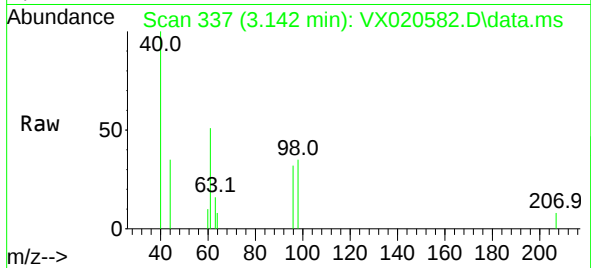
Tgt Ion: 84 Resp: 692
Ion Ratio Lower Upper
84 100
49 97.3 88.6 132.8
51 40.3 27.0 40.6
86 63.4 50.3 75.5



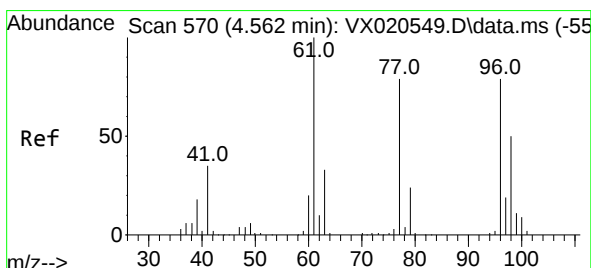
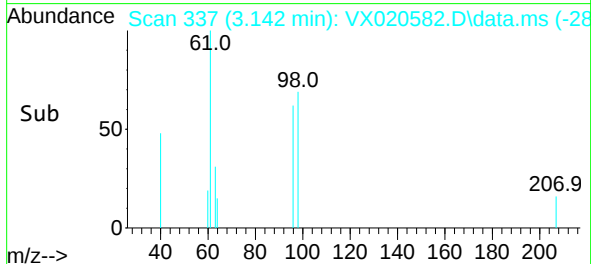
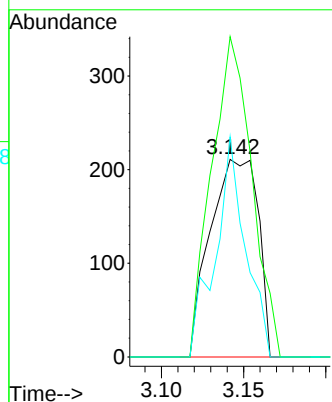


#21
trans-1,2-Dichloroethene
Concen: 0.22 ug/l
RT: 3.142 min Scan# 337
Delta R.T. -0.000 min
Lab File: VX020582.D
Acq: 12 Jan 2021 16:08

Instrument :
MSVOA_X
ClientSampled :
IBLK

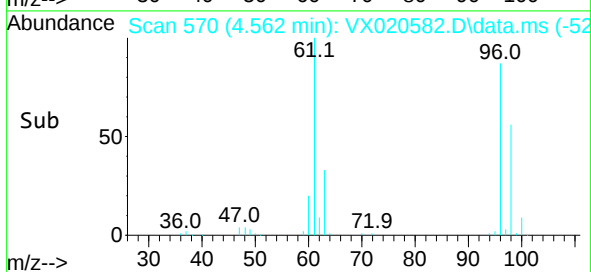
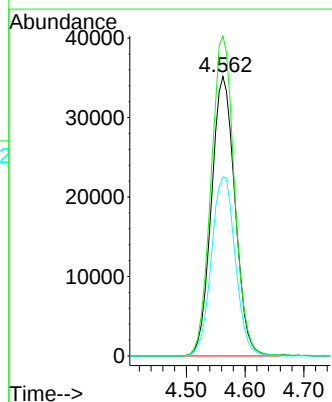
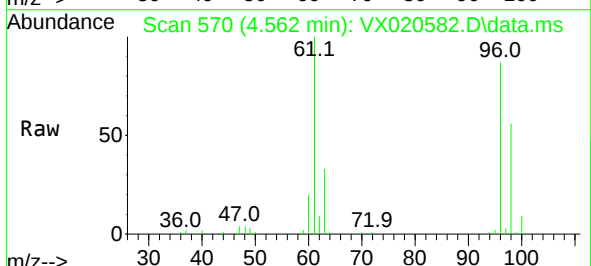


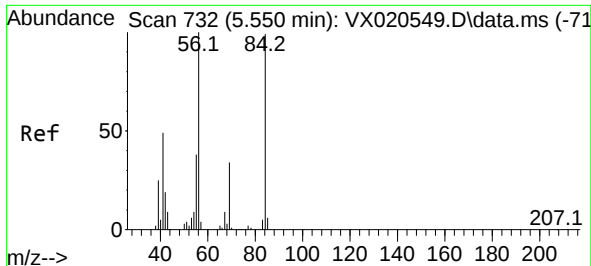
Tgt Ion: 96 Resp: 427
Ion Ratio Lower Upper
96 100
61 162.1 107.7 161.5#
98 111.4 50.4 75.6#



#27
cis-1,2-Dichloroethene
Concen: 44.70 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.000 min
Lab File: VX020582.D
Acq: 12 Jan 2021 16:08

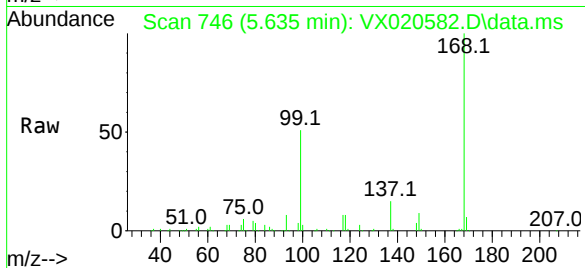
Tgt Ion: 96 Resp: 97985
Ion Ratio Lower Upper
96 100
61 113.3 0.0 285.6
98 65.1 0.0 129.6



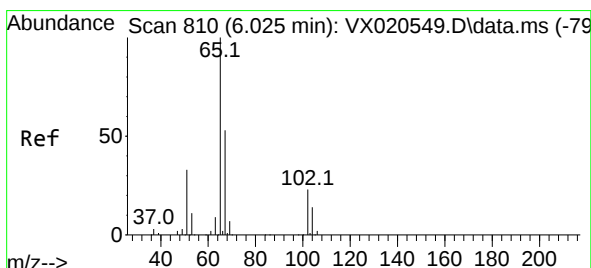
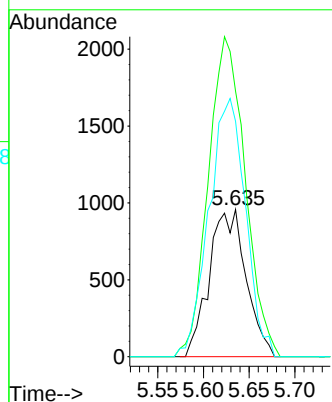
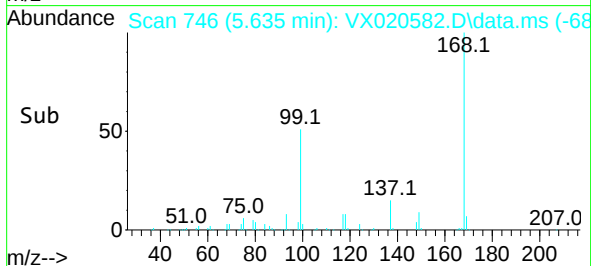


#31
Cyclohexane
Concen: 1.04 ug/l
RT: 5.635 min Scan# 746
Delta R.T. 0.085 min
Lab File: VX020582.D
Acq: 12 Jan 2021 16:08

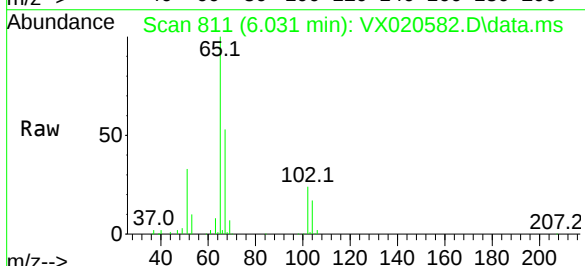
Instrument :
MSVOA_X
ClientSampled :
IBLK



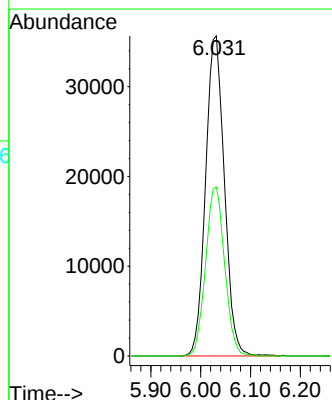
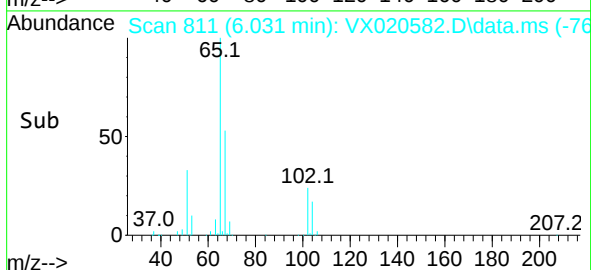
Tgt Ion: 56 Resp: 2677
Ion Ratio Lower Upper
56 100
69 180.4 25.3 37.9#
84 160.0 71.4 107.0#

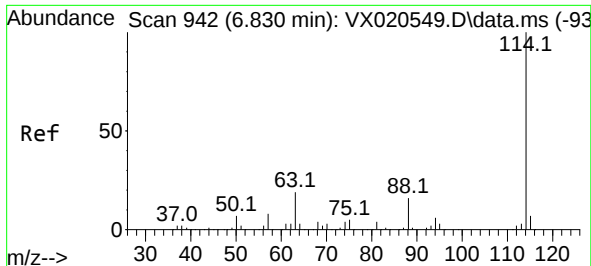


#33
1,2-Dichloroethane-d4
Concen: 42.43 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020582.D
Acq: 12 Jan 2021 16:08



Tgt Ion: 65 Resp: 93355
Ion Ratio Lower Upper
65 100
67 53.5 0.0 105.4

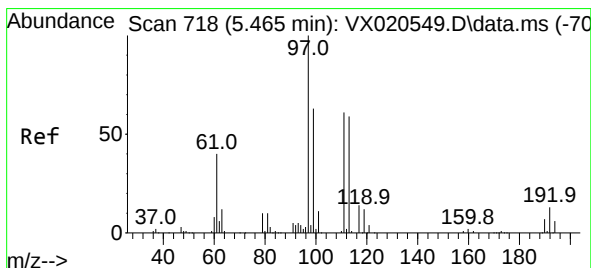
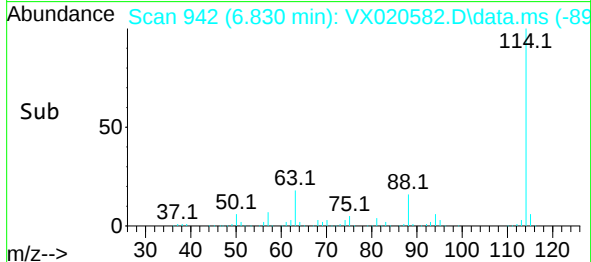
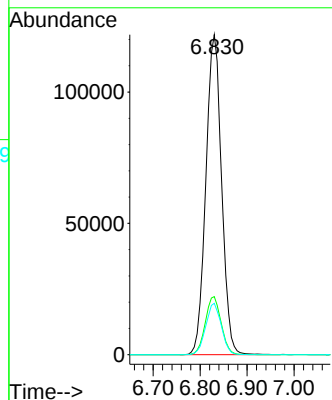
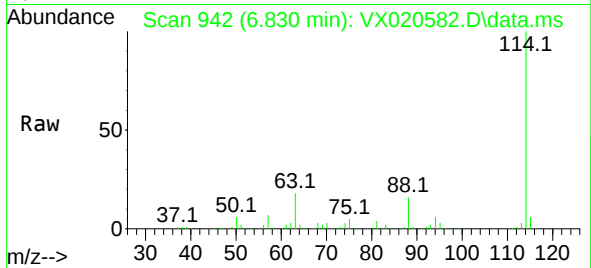




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.000 min
Lab File: VX020582.D
Acq: 12 Jan 2021 16:08

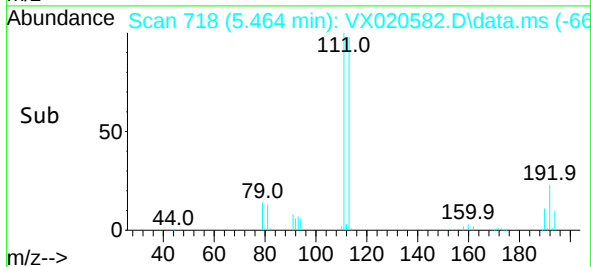
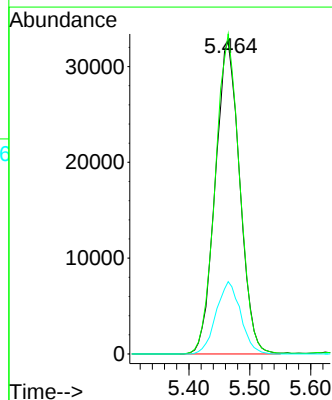
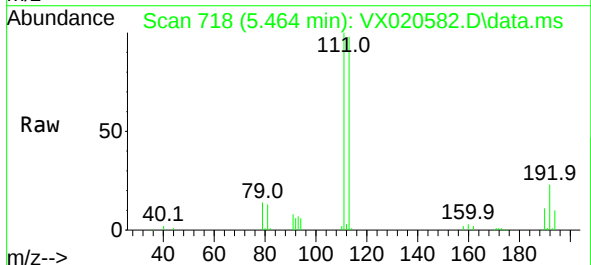
Instrument :
MSVOA_X
ClientSampleId :
IBLK

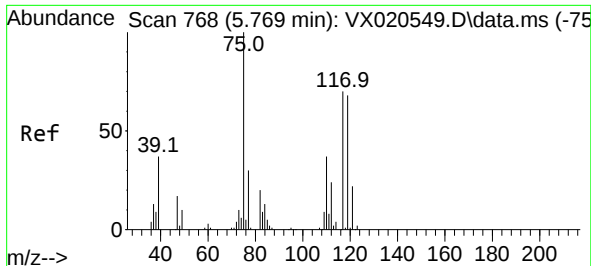
Tgt Ion:114 Resp: 282171
Ion Ratio Lower Upper
114 100
63 18.2 0.0 40.8
88 16.1 0.0 32.8



#35
Dibromofluoromethane
Concen: 46.54 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.001 min
Lab File: VX020582.D
Acq: 12 Jan 2021 16:08

Tgt Ion:113 Resp: 91001
Ion Ratio Lower Upper
113 100
111 101.9 81.9 122.9
192 23.1 16.7 25.1

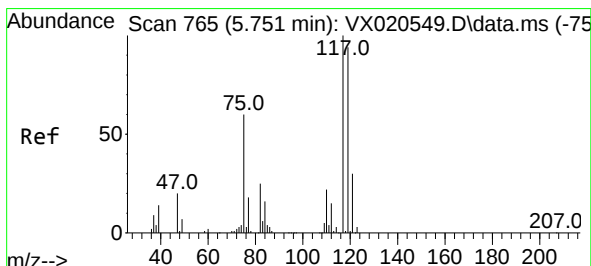
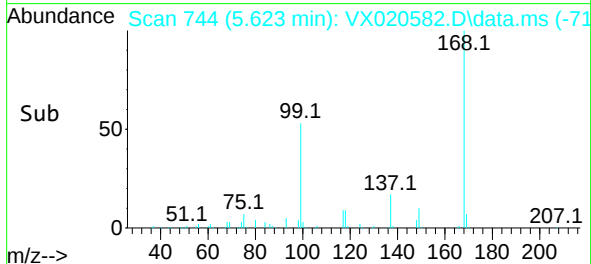
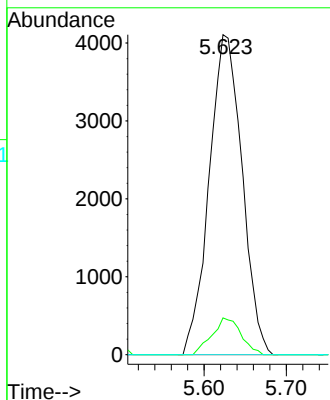
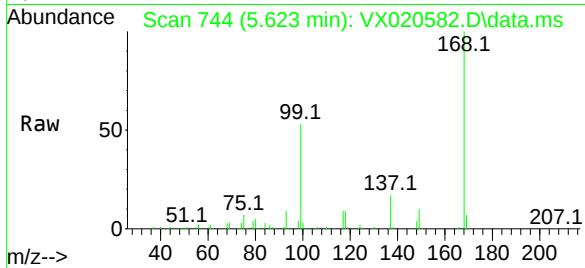




#36
1,1-Dichloropropene
Concen: 4.43 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.146 min
Lab File: VX020582.D
Acq: 12 Jan 2021 16:08

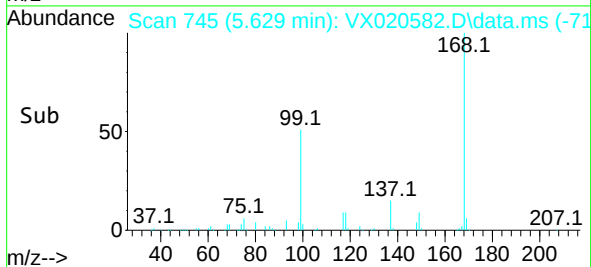
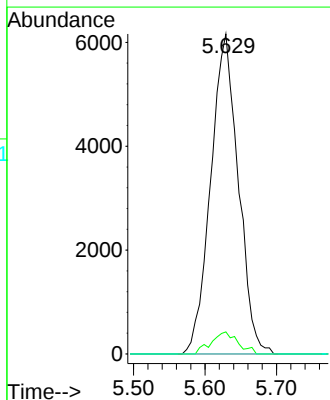
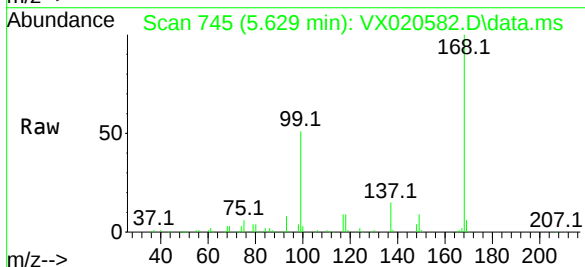
Instrument :
MSVOA_X
ClientSampled :
IBLK

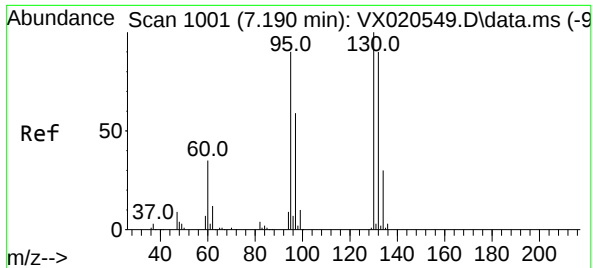
Tgt Ion: 75 Resp: 11413
Ion Ratio Lower Upper
75 100
110 10.2 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.50 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.122 min
Lab File: VX020582.D
Acq: 12 Jan 2021 16:08

Tgt Ion: 117 Resp: 16533
Ion Ratio Lower Upper
117 100
119 6.9 76.2 114.2#
121 0.0 24.8 37.2#

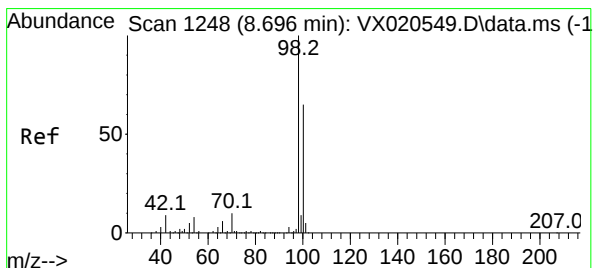
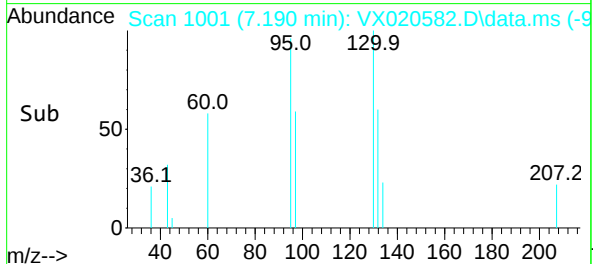
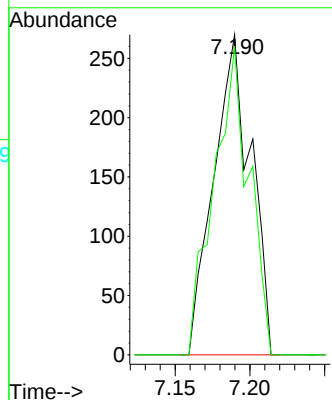
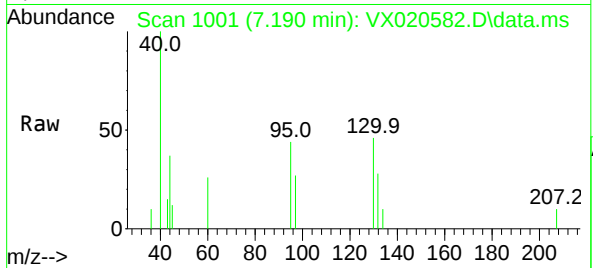




#44
Trichloroethene
Concen: 0.20 ug/l
RT: 7.190 min Scan# 1001
Delta R.T. -0.000 min
Lab File: VX020582.D
Acq: 12 Jan 2021 16:08

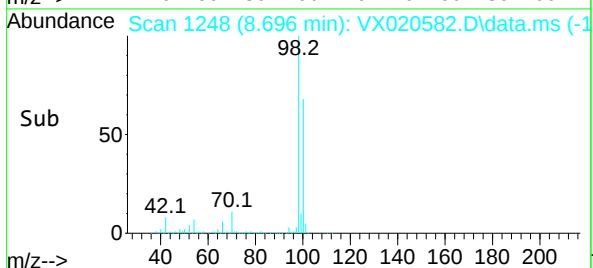
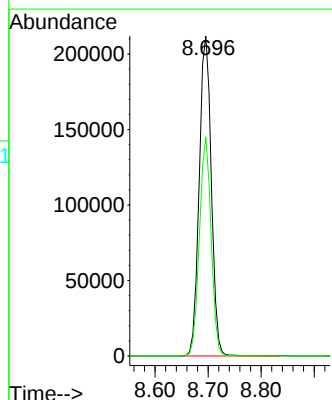
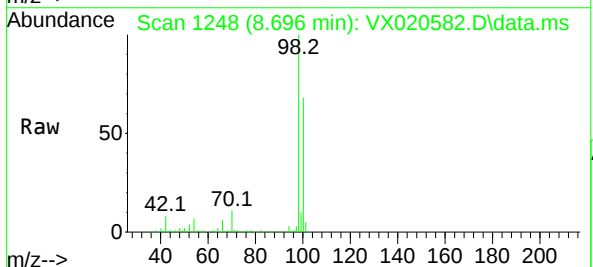
Instrument :
MSVOA_X
ClientSampled :
IBLK

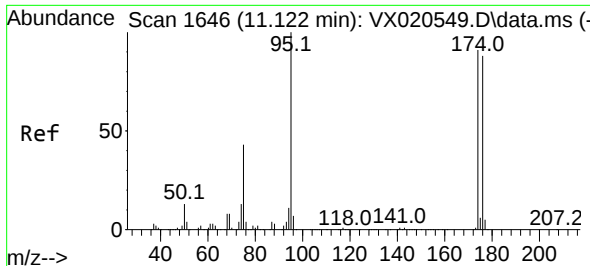
Tgt Ion:130 Resp: 466
Ion Ratio Lower Upper
130 100
95 96.3 0.0 198.0



#50
Toluene-d8
Concen: 47.95 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. -0.000 min
Lab File: VX020582.D
Acq: 12 Jan 2021 16:08

Tgt Ion: 98 Resp: 335438
Ion Ratio Lower Upper
98 100
100 66.2 51.9 77.9

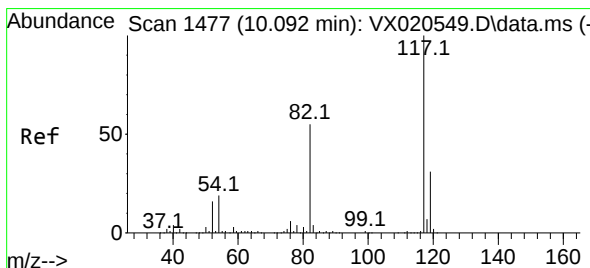
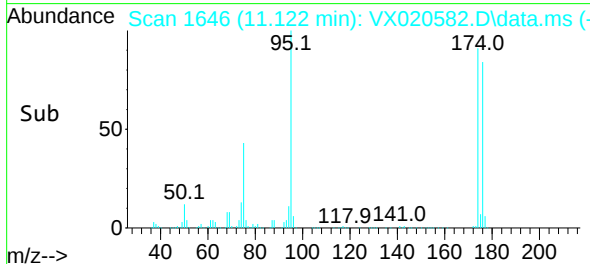
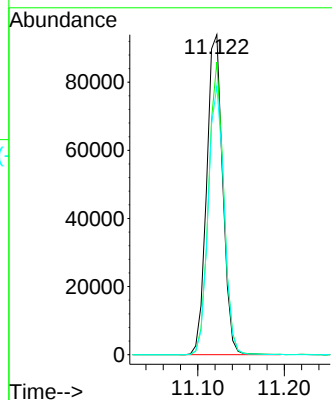
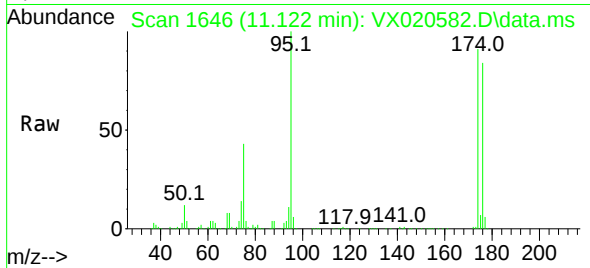




#62
4-Bromofluorobenzene
Concen: 48.82 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020582.D
Acq: 12 Jan 2021 16:08

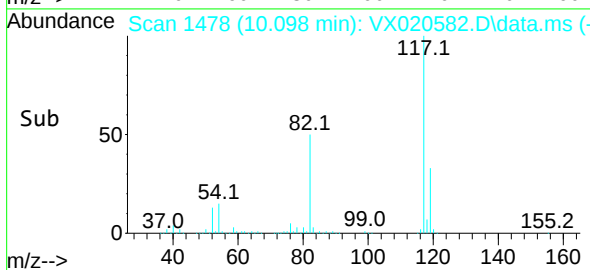
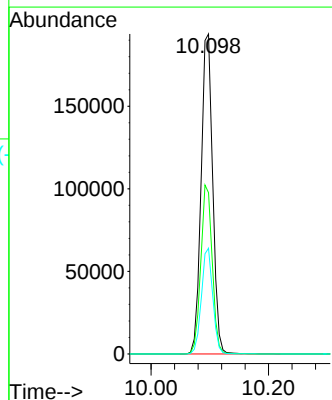
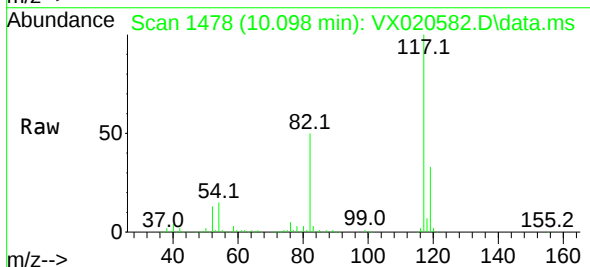
Instrument :
MSVOA_X
ClientSampleId :
IBLK

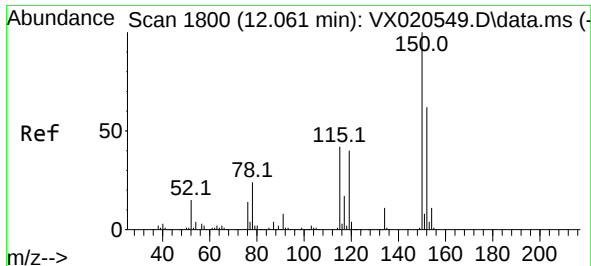
Tgt Ion: 95 Resp: 120612
Ion Ratio Lower Upper
95 100
174 86.8 0.0 154.6
176 83.2 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020582.D
Acq: 12 Jan 2021 16:08

Tgt Ion: 117 Resp: 265554
Ion Ratio Lower Upper
117 100
82 50.4 47.4 71.2
119 33.0 26.6 39.8

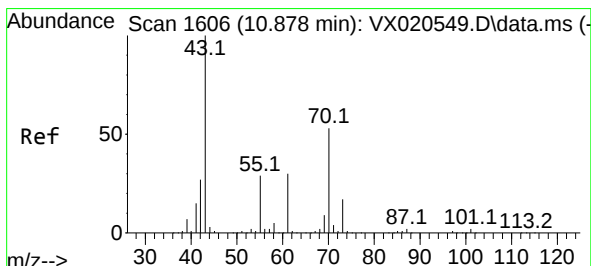
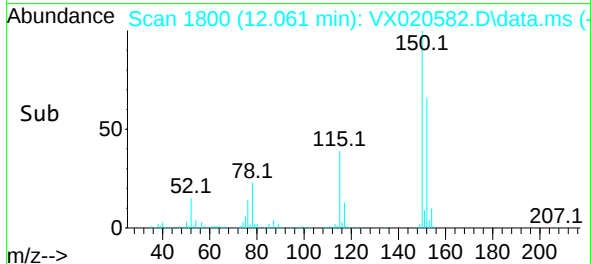
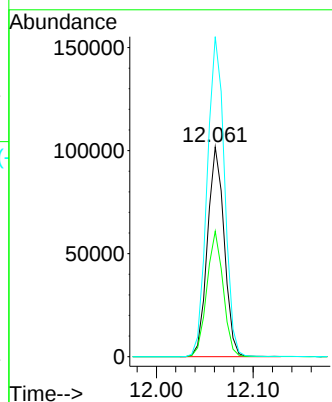
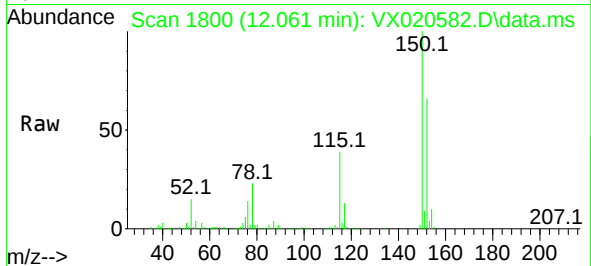




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020582.D
Acq: 12 Jan 2021 16:08

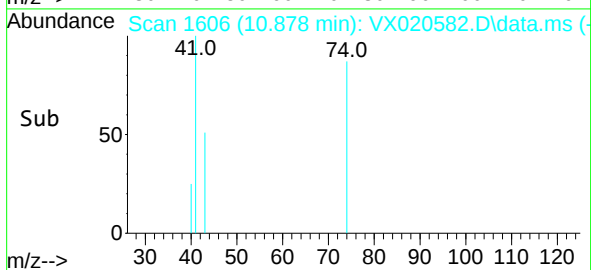
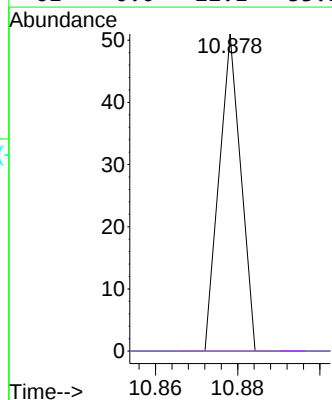
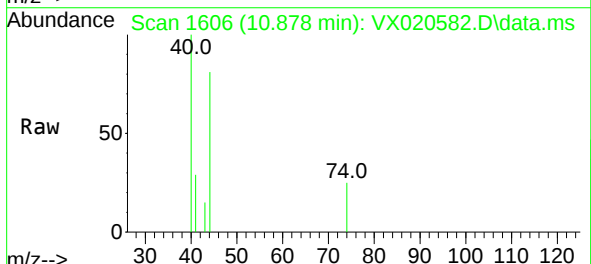
Instrument :
MSVOA_X
ClientSampled :
IBLK

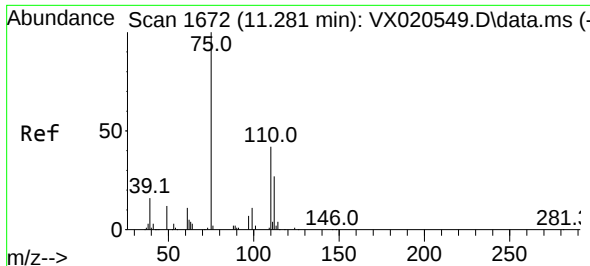
Tgt Ion:152 Resp: 122692
Ion Ratio Lower Upper
152 100
115 58.1 41.1 123.3
150 157.7 0.0 349.0



#74
N-ethyl acetate
Concen: 1.24 ug/l
RT: 10.878 min Scan# 1606
Delta R.T. 0.000 min
Lab File: VX020582.D
Acq: 12 Jan 2021 16:08

Tgt Ion: 43 Resp: 19
Ion Ratio Lower Upper
43 100
70 0.0 39.0 58.6#
55 0.0 21.5 32.3#
61 0.0 22.1 33.1#

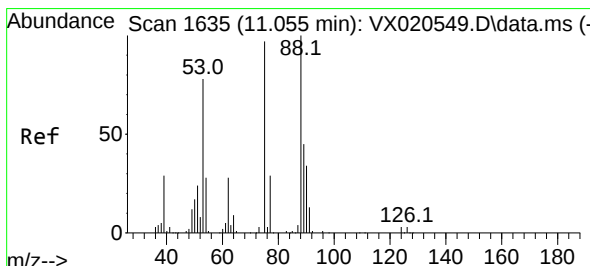
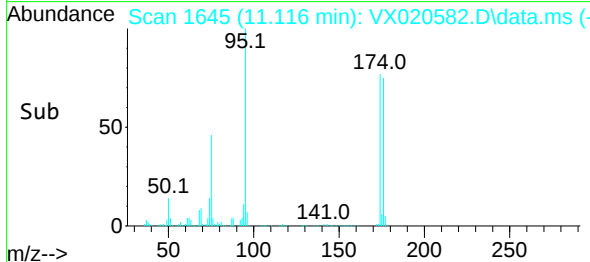
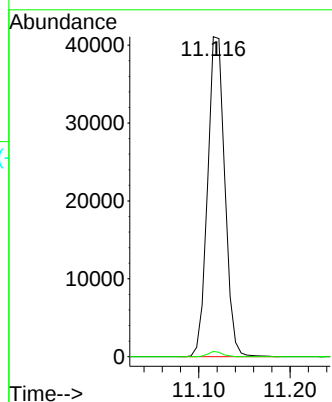
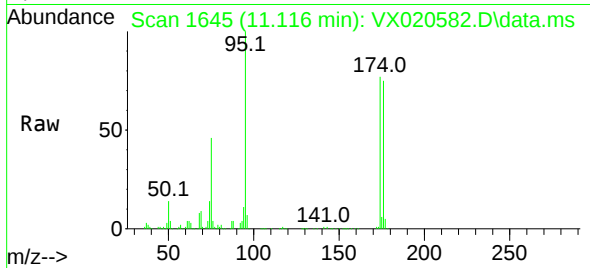




#76
1,2,3-Trichloropropane
Concen: 20.74 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.165 min
Lab File: VX020582.D
Acq: 12 Jan 2021 16:08

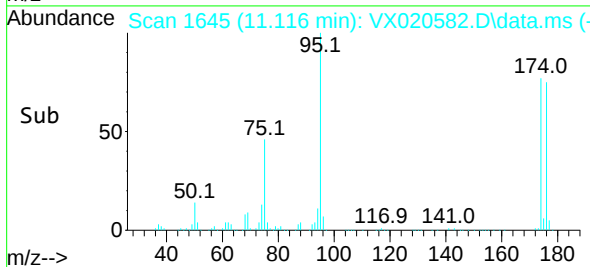
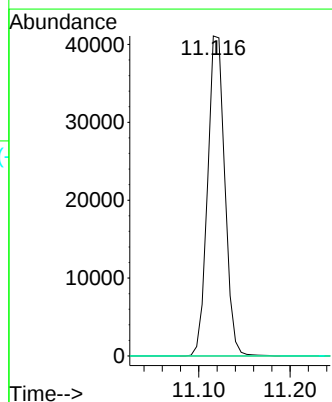
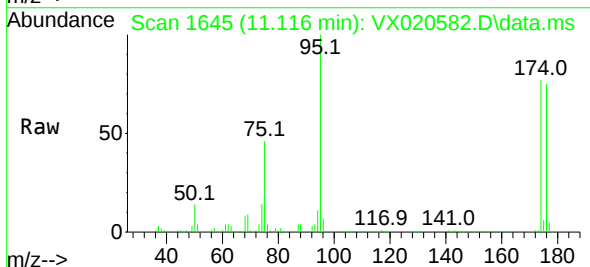
Instrument :
MSVOA_X
ClientSampled :
IBLK

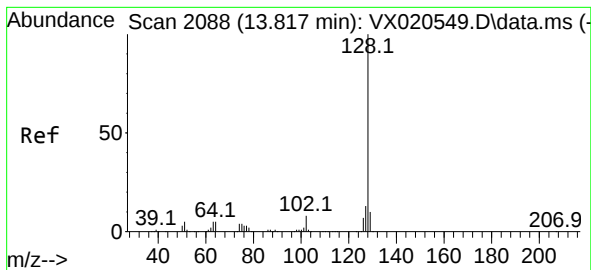
Tgt Ion: 75 Resp: 53605
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 56.51 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. 0.061 min
Lab File: VX020582.D
Acq: 12 Jan 2021 16:08

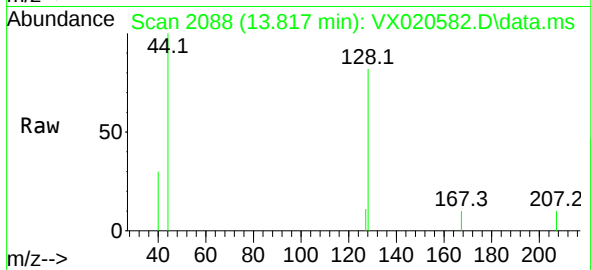
Tgt Ion: 75 Resp: 53605
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 3.91 ug/l
RT: 13.817 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VX020582.D
Acq: 12 Jan 2021 16:08

Instrument :
MSVOA_X
ClientSampleId :
IBLK



Tgt Ion:128 Resp: 604
Ion Ratio Lower Upper
128 100
127 3.6 10.3 15.5#
129 0.0 8.8 13.2#

