

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012021\
 Data File : VX020683.D
 Acq On : 20 Jan 2021 16:09
 Operator : JC/SP
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jan 20 16:57:57 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X011921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 14:09:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.623	168	246896	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.824	114	420863	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	392272	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	176066	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	161945	46.89	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.78%
35) Dibromofluoromethane	5.464	113	139222	46.88	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.76%
50) Toluene-d8	8.690	98	515556	49.59	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.18%
62) 4-Bromofluorobenzene	11.116	95	183763	48.12	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.24%

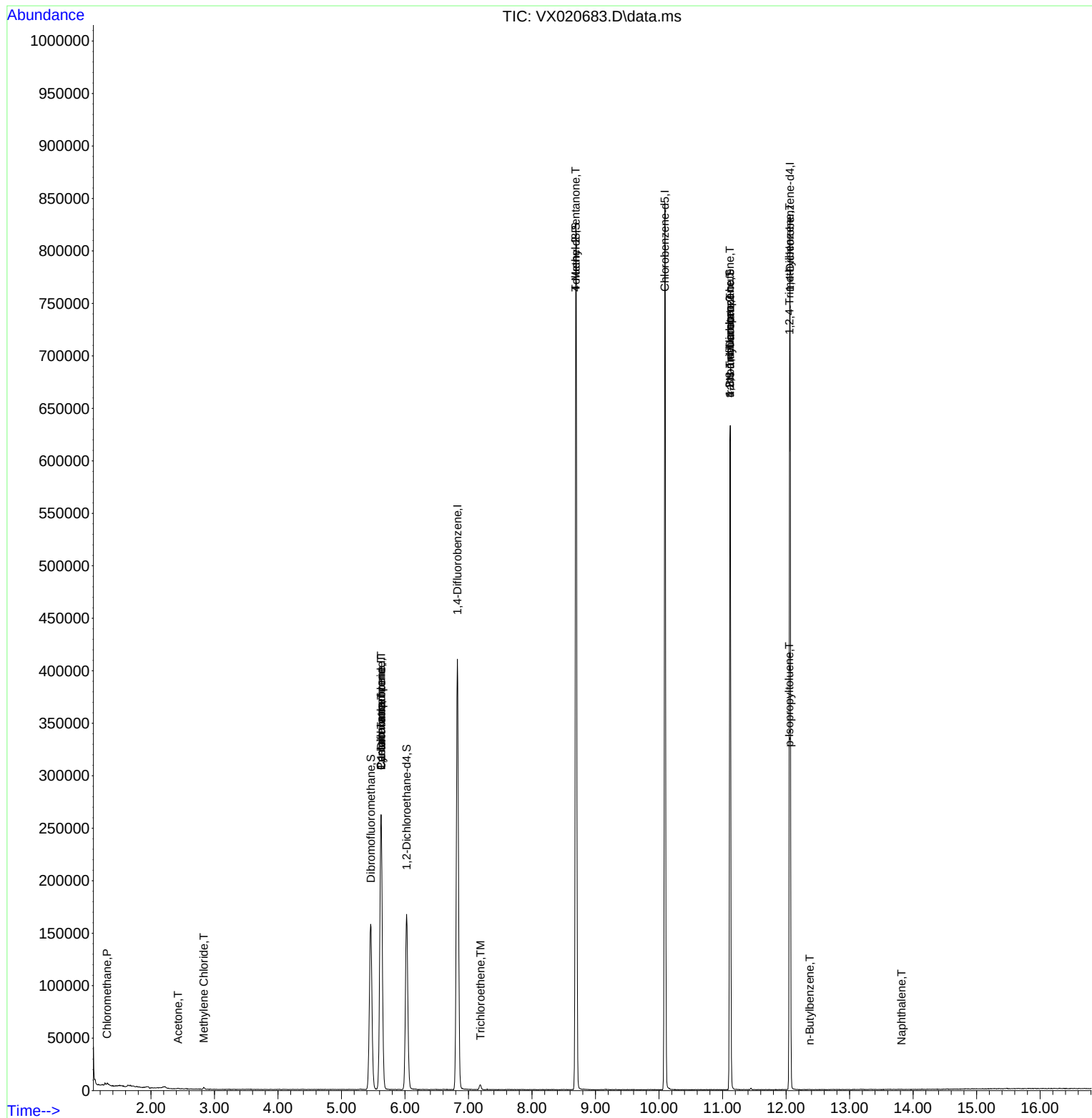
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.307	50	863	0.25	ug/l	97
6) Chloroethane	1.679	64	128	Below Cal	#	43
16) Acetone	2.428	43	774	0.59	ug/l	90
20) Methylene Chloride	2.831	84	684	0.21	ug/l	94
31) Cyclohexane	5.623	56	4489	1.04	ug/l	# 1
36) 1,1-Dichloropropene	5.623	75	19073	4.50	ug/l	# 49
38) Carbon Tetrachloride	5.623	117	24679	5.45	ug/l	# 17
44) Trichloroethene	7.190	130	2078	0.61	ug/l	92
51) 4-Methyl-2-Pentanone	8.690	43	2016	0.53	ug/l	# 1
74) N-amyl acetate	11.122	43	43	1.95	ug/l	# 1
76) 1,2,3-Trichloropropane	11.116	75	86408	20.45	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.116	75	86408	55.86	ug/l	# 12
84) 1,2,4-Trimethylbenzene	12.055	105	92	0.41	ug/l	# 1
86) p-Isopropyltoluene	12.049	119	111	0.89	ug/l	# 1
89) n-Butylbenzene	12.372	91	25	1.43	ug/l	# 1
95) Naphthalene	13.817	128	127	1.96	ug/l	# 69

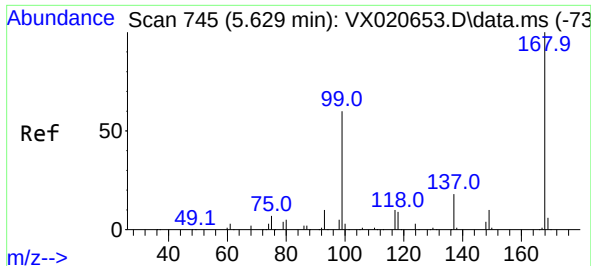
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
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IBLK

Quant Time: Jan 20 16:57:57 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X011921W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 19 14:09:08 2021
Response via : Initial Calibration

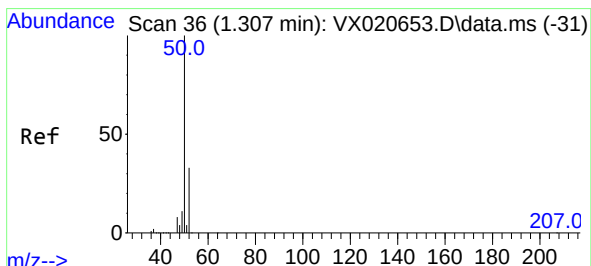
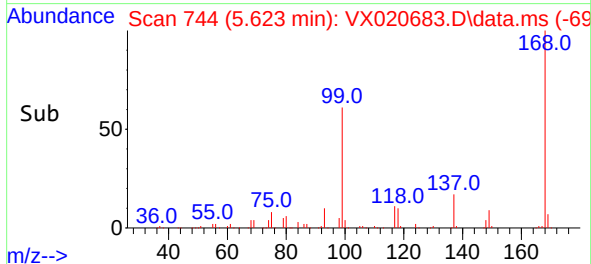
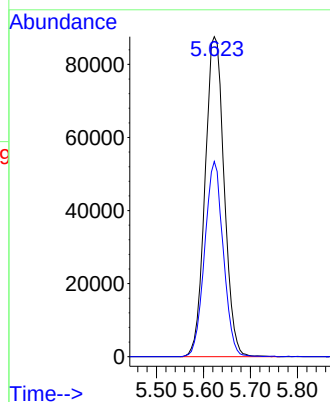
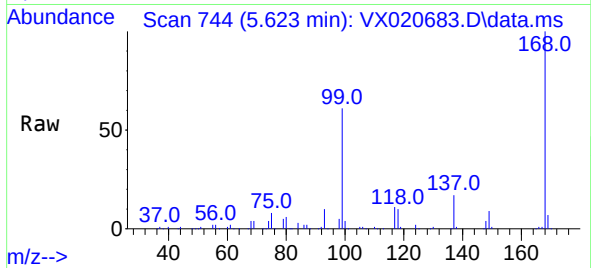




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.006 min
Lab File: VX020683.D
Acq: 20 Jan 2021 16:09

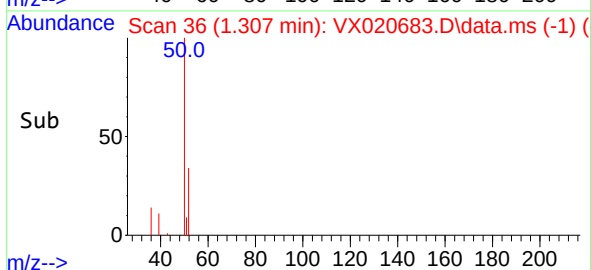
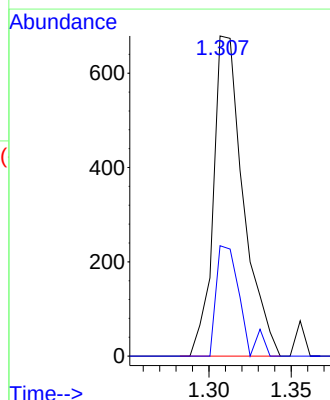
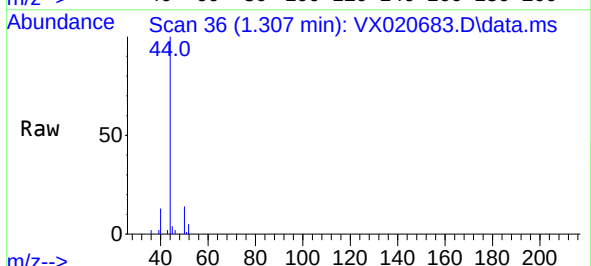
Instrument :
MSVOA_X
ClientSampleId :
IBLK

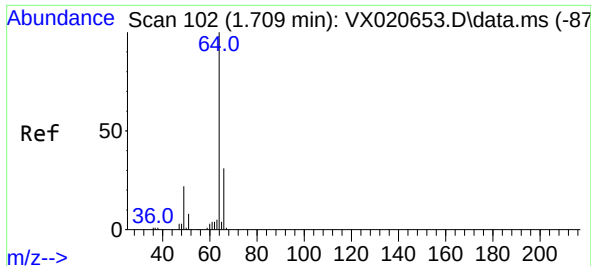
Tgt Ion:168 Resp: 246896
Ion Ratio Lower Upper
168 100
99 61.0 45.8 68.6



#3
Chloromethane
Concen: 0.25 ug/l
RT: 1.307 min Scan# 36
Delta R.T. -0.000 min
Lab File: VX020683.D
Acq: 20 Jan 2021 16:09

Tgt Ion: 50 Resp: 863
Ion Ratio Lower Upper
50 100
52 34.5 26.4 39.6

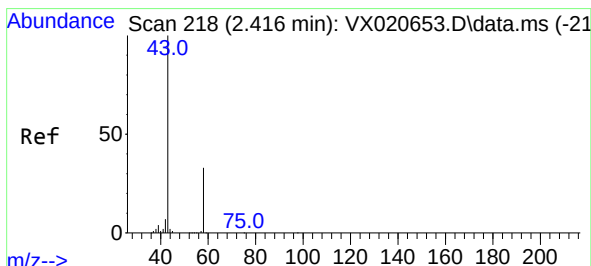
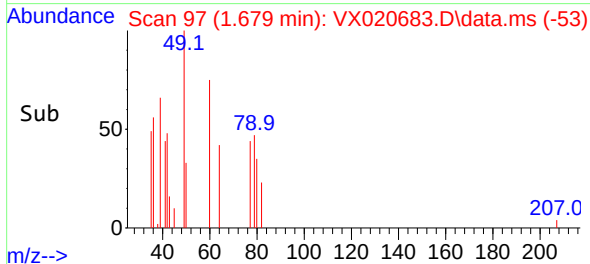
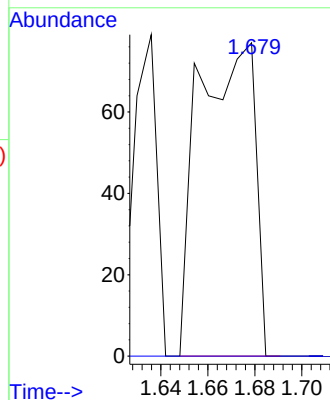
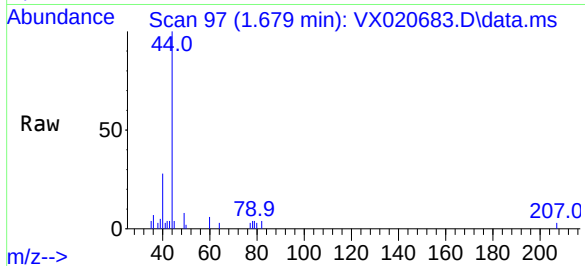




#6
Chloroethane
Concen: Below Cal
RT: 1.679 min Scan# 97
Delta R.T. -0.030 min
Lab File: VX020683.D
Acq: 20 Jan 2021 16:09

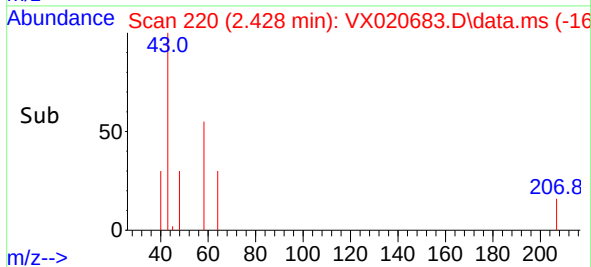
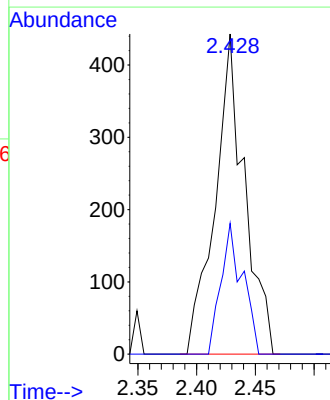
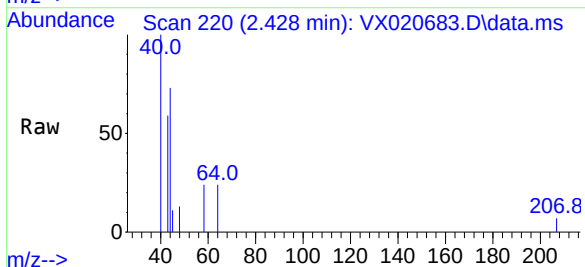
Instrument :
MSVOA_X
ClientSampled :
IBLK

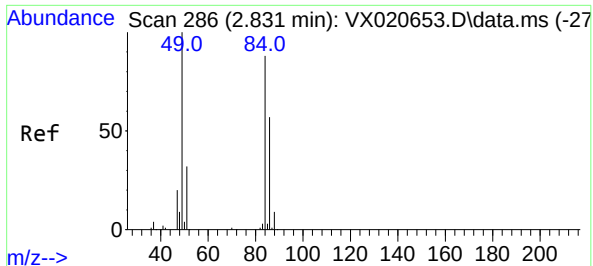
Tgt Ion: 64 Resp: 128
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#16
Acetone
Concen: 0.59 ug/l
RT: 2.428 min Scan# 220
Delta R.T. 0.012 min
Lab File: VX020683.D
Acq: 20 Jan 2021 16:09

Tgt Ion: 43 Resp: 774
Ion Ratio Lower Upper
43 100
58 40.9 27.8 41.8



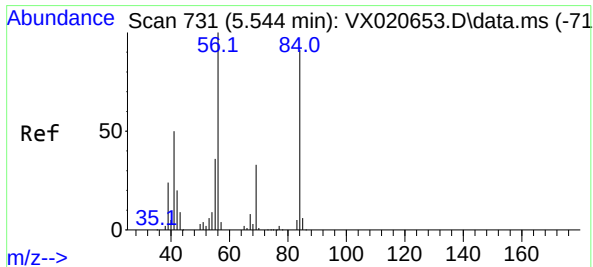
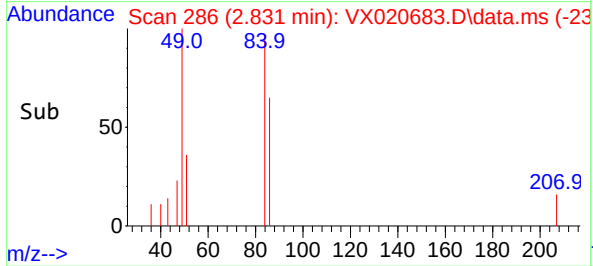
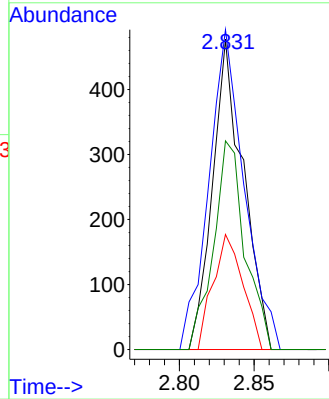
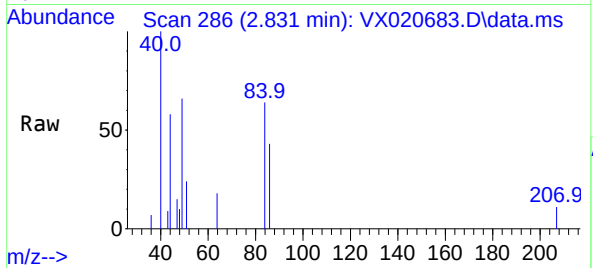


#20
Methylene Chloride
Concen: 0.21 ug/l
RT: 2.831 min Scan# 286
Delta R.T. -0.000 min
Lab File: VX020683.D
Acq: 20 Jan 2021 16:09

Instrument :
MSVOA_X
ClientSampled :
IBLK

Tgt Ion: 84 Resp: 684

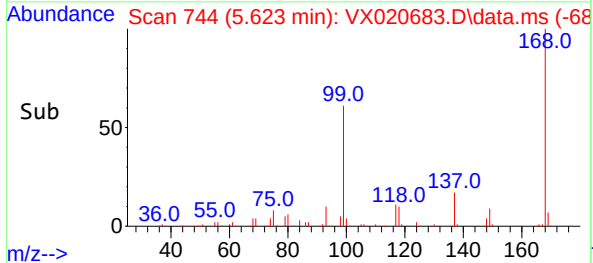
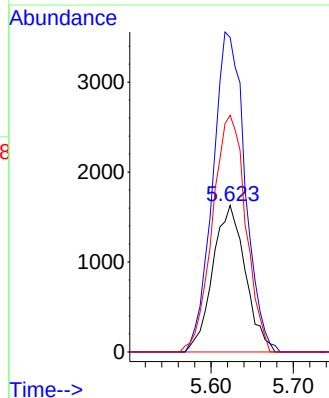
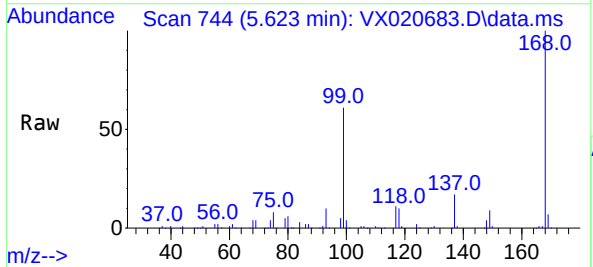
Ion	Ratio	Lower	Upper
84	100		
49	103.1	88.6	132.8
51	37.1	27.0	40.6
86	67.3	50.3	75.5

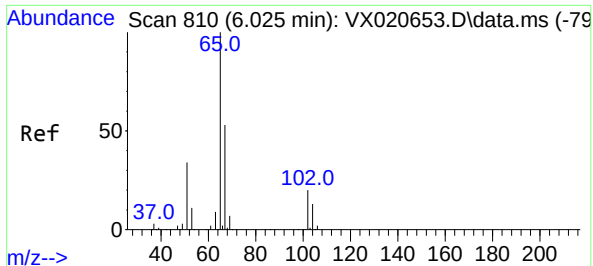


#31
Cyclohexane
Concen: 1.04 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.079 min
Lab File: VX020683.D
Acq: 20 Jan 2021 16:09

Tgt Ion: 56 Resp: 4489

Ion	Ratio	Lower	Upper
56	100		
69	214.7	25.3	37.9#
84	161.6	71.4	107.0#



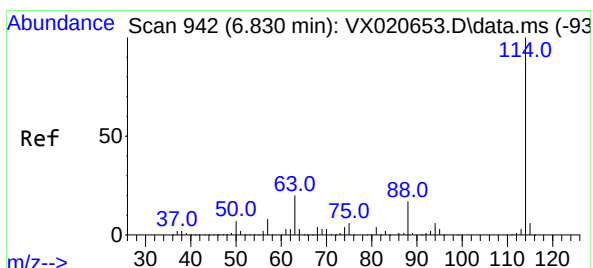
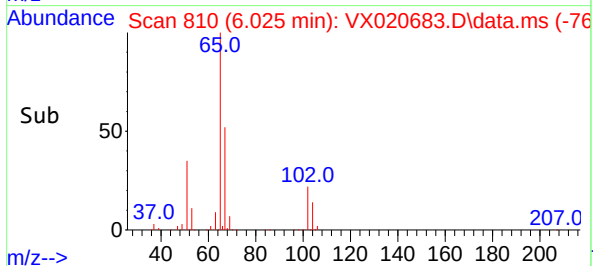
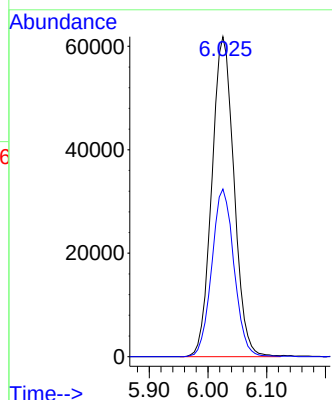
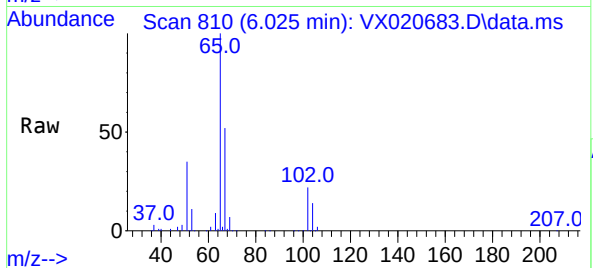


#33

1,2-Dichloroethane-d4
Concen: 46.89 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX020683.D
Acq: 20 Jan 2021 16:09

Instrument :
MSVOA_X
ClientSampled :
IBLK

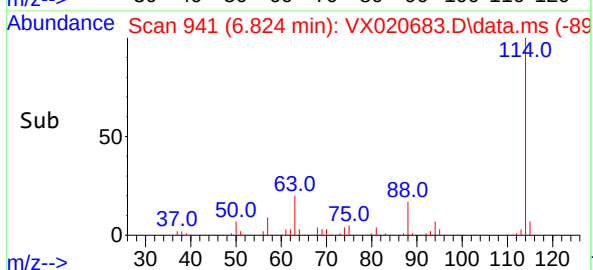
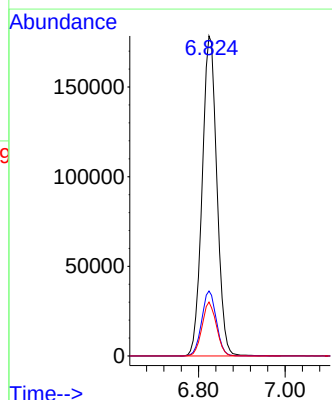
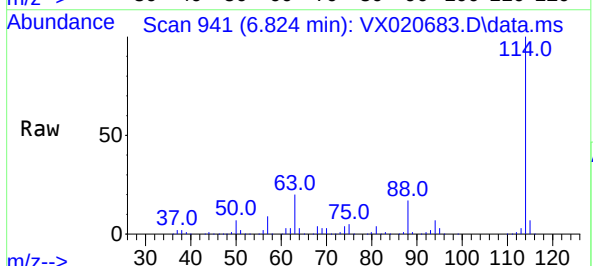
Tgt Ion: 65 Resp: 161945
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.4

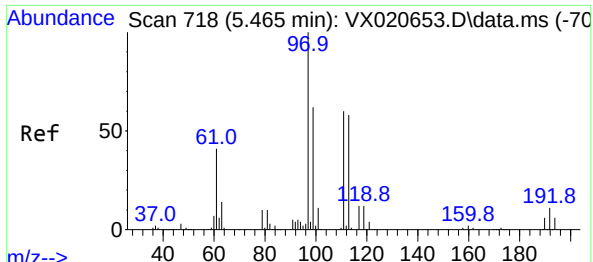


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.824 min Scan# 941
Delta R.T. -0.006 min
Lab File: VX020683.D
Acq: 20 Jan 2021 16:09

Tgt Ion: 114 Resp: 420863
Ion Ratio Lower Upper
114 100
63 20.3 0.0 40.8
88 16.9 0.0 32.8





#35

Dibromofluoromethane

Concen: 46.88 ug/l

RT: 5.464 min Scan# 718

Delta R.T. -0.001 min

Lab File: VX020683.D

Acq: 20 Jan 2021 16:09

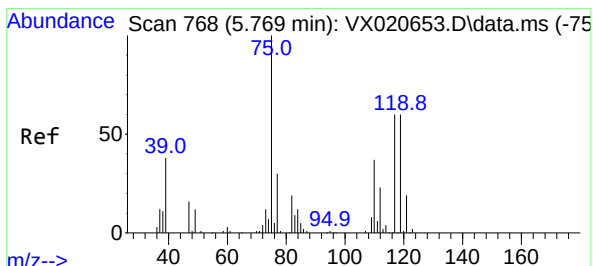
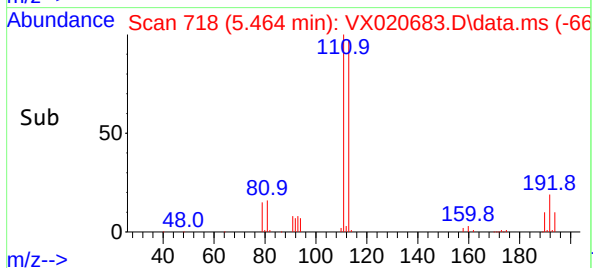
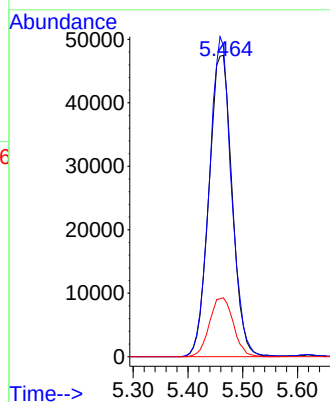
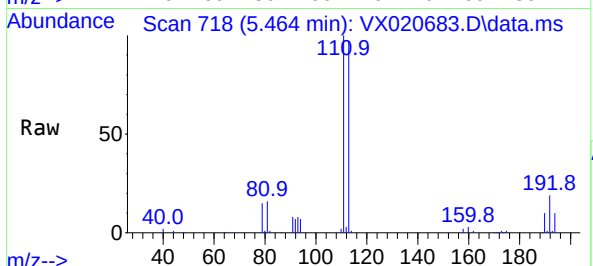
Tgt Ion:113 Resp: 139222

Ion Ratio Lower Upper

113 100

111 102.0 81.9 122.9

192 20.1 16.7 25.1



#36

1,1-Dichloropropene

Concen: 4.50 ug/l

RT: 5.623 min Scan# 744

Delta R.T. -0.146 min

Lab File: VX020683.D

Acq: 20 Jan 2021 16:09

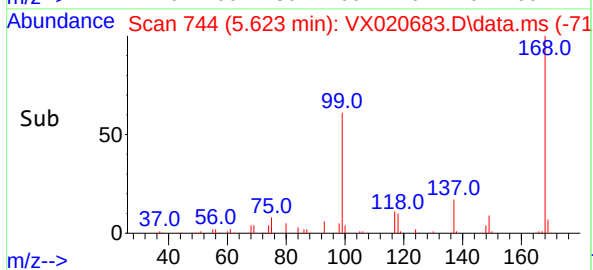
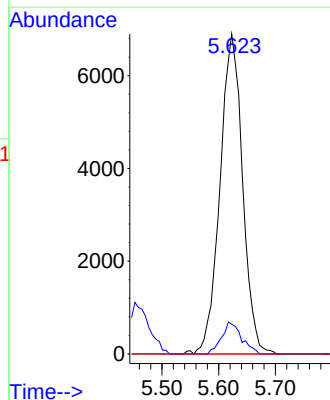
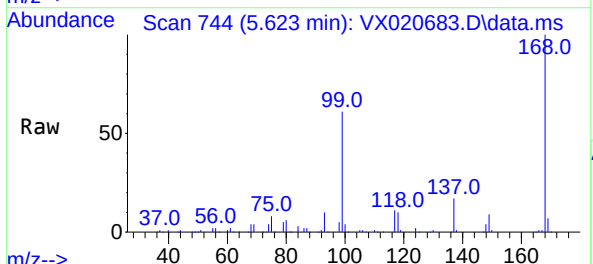
Tgt Ion: 75 Resp: 19073

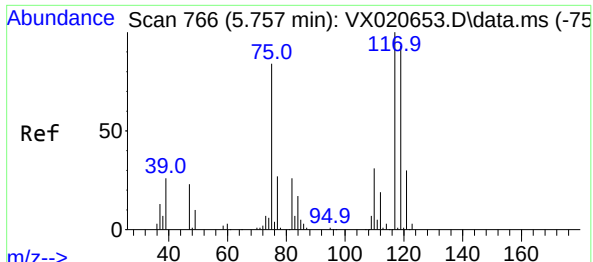
Ion Ratio Lower Upper

75 100

110 8.8 18.1 54.4#

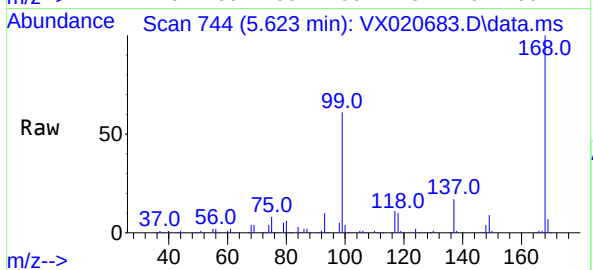
77 0.0 25.3 37.9#



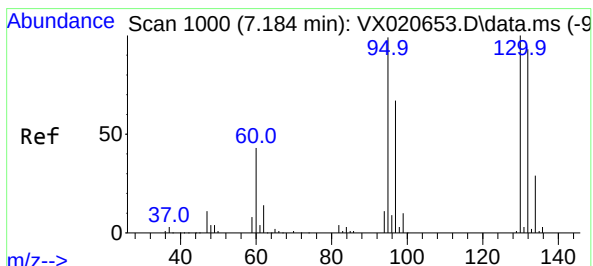
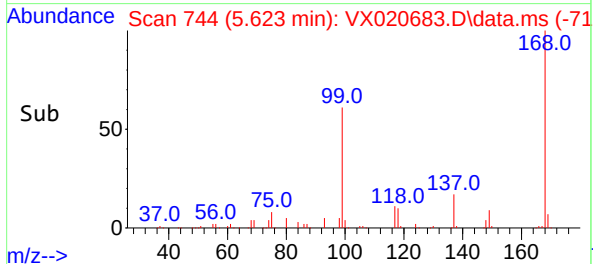
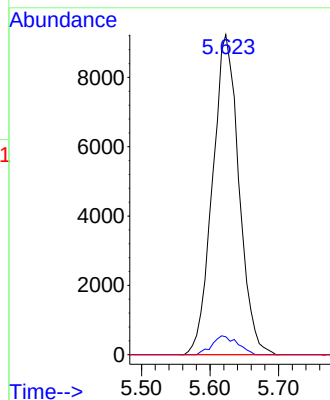


#38
Carbon Tetrachloride
Concen: 5.45 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.134 min
Lab File: VX020683.D
Acq: 20 Jan 2021 16:09

Instrument :
MSVOA_X
ClientSampleId :
IBLK

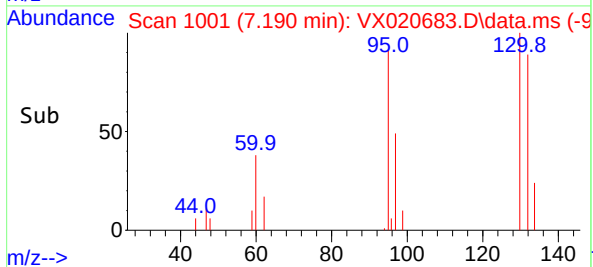
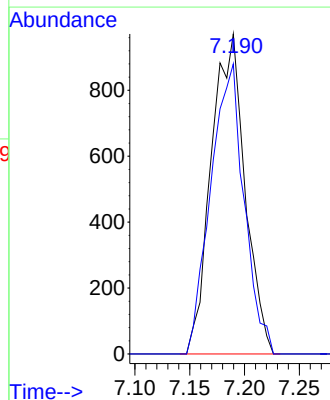
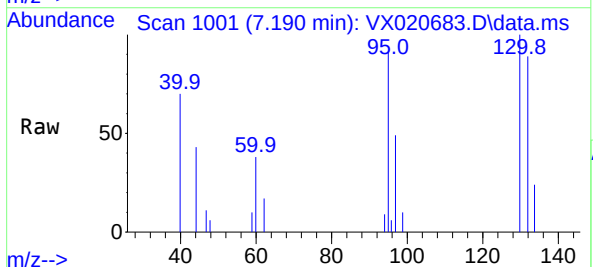


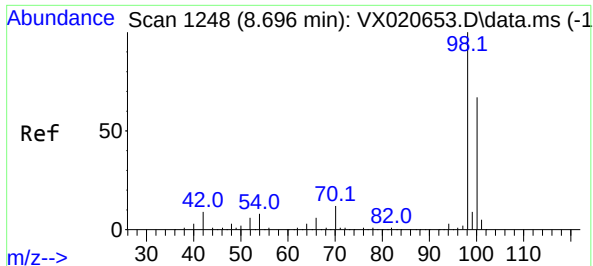
Tgt Ion:117 Resp: 24679
Ion Ratio Lower Upper
117 100
119 5.6 76.2 114.2#
121 0.0 24.8 37.2#



#44
Trichloroethene
Concen: 0.61 ug/l
RT: 7.190 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VX020683.D
Acq: 20 Jan 2021 16:09

Tgt Ion:130 Resp: 2078
Ion Ratio Lower Upper
130 100
95 90.6 0.0 198.0





#50

Toluene-d8

Concen: 49.59 ug/l

RT: 8.690 min Scan# 1247

Delta R.T. -0.006 min

Lab File: VX020683.D

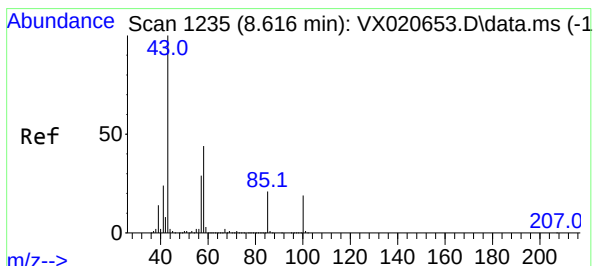
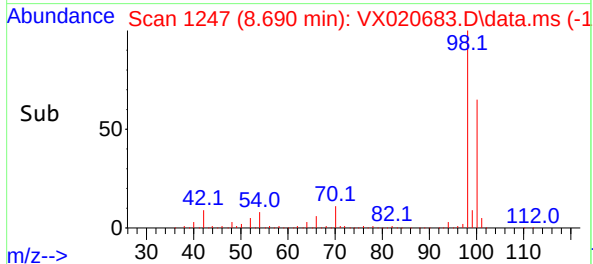
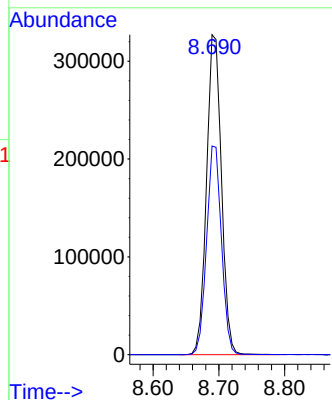
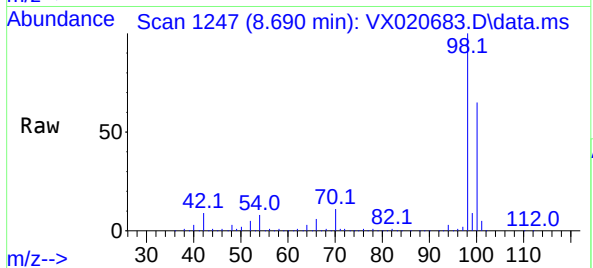
Acq: 20 Jan 2021 16:09

Tgt Ion: 98 Resp: 515556

Ion Ratio Lower Upper

98 100

100 65.2 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 0.53 ug/l

RT: 8.690 min Scan# 1247

Delta R.T. 0.074 min

Lab File: VX020683.D

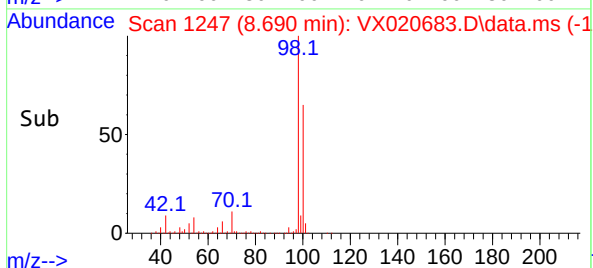
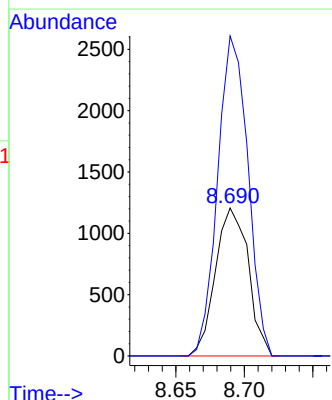
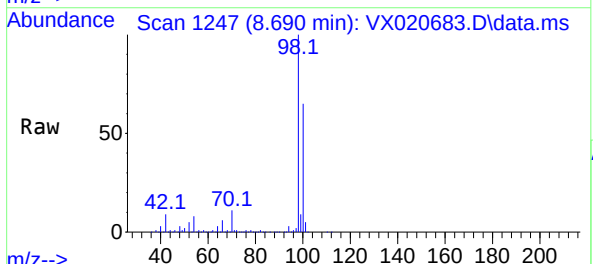
Acq: 20 Jan 2021 16:09

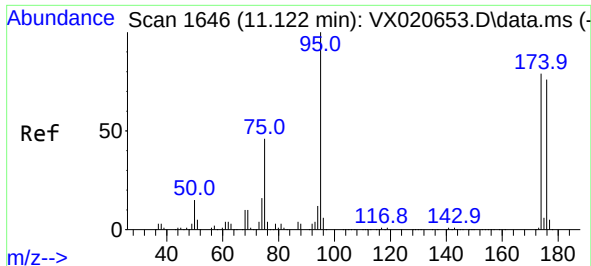
Tgt Ion: 43 Resp: 2016

Ion Ratio Lower Upper

43 100

58 199.3 35.4 53.0#

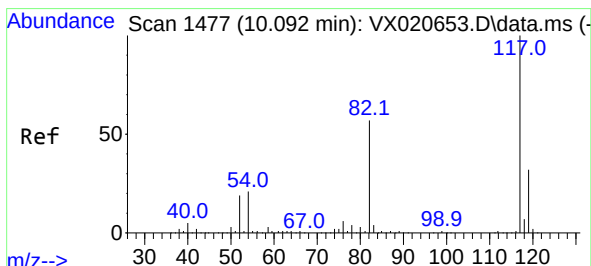
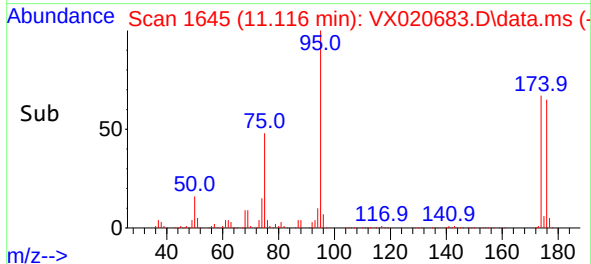
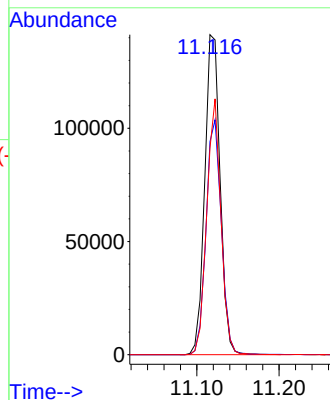
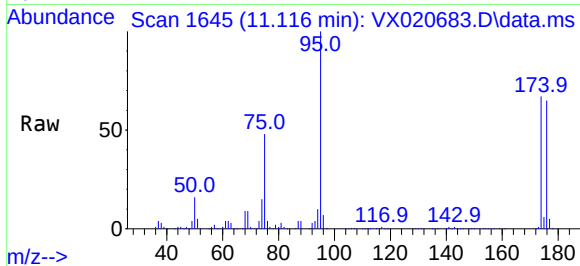




#62
4-Bromofluorobenzene
Concen: 48.12 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.006 min
Lab File: VX020683.D
Acq: 20 Jan 2021 16:09

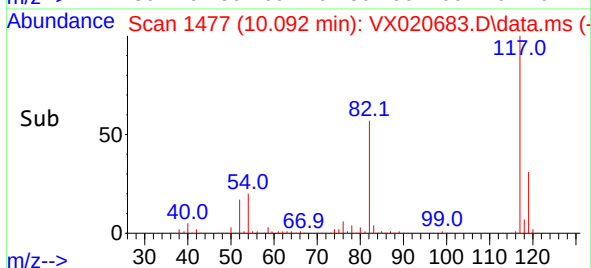
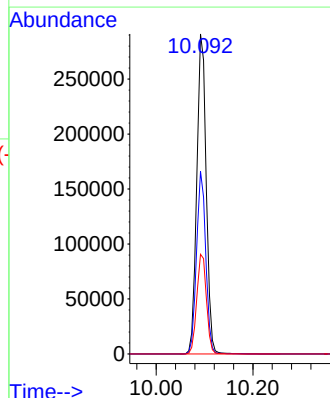
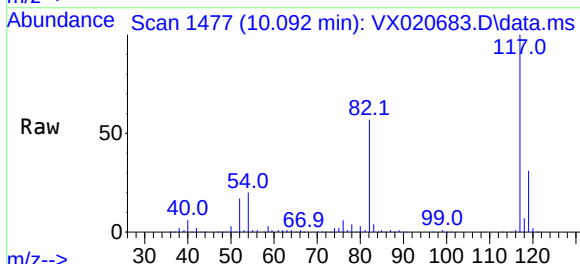
Instrument :
MSVOA_X
ClientSampled :
IBLK

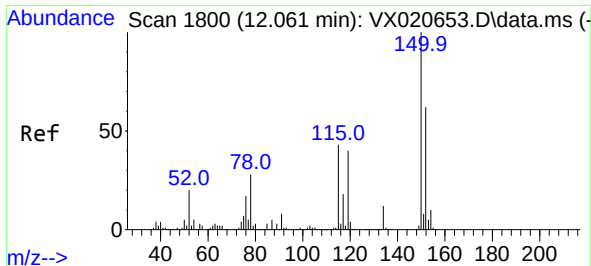
Tgt Ion: 95 Resp: 183763
Ion Ratio Lower Upper
95 100
174 72.9 0.0 154.6
176 73.8 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020683.D
Acq: 20 Jan 2021 16:09

Tgt Ion: 117 Resp: 392272
Ion Ratio Lower Upper
117 100
82 57.1 47.4 71.2
119 31.2 26.6 39.8

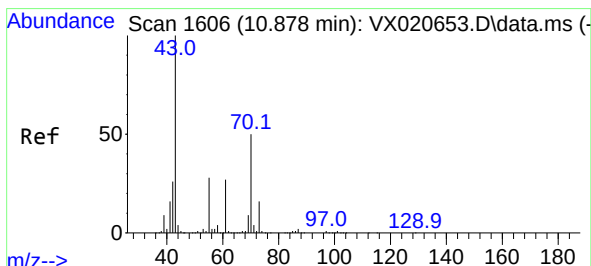
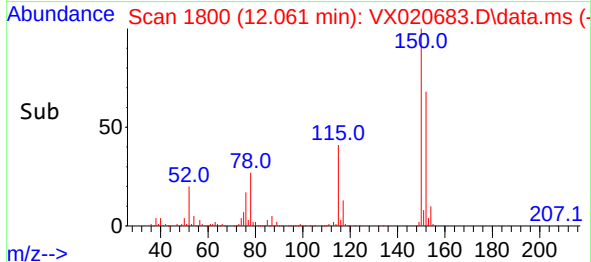
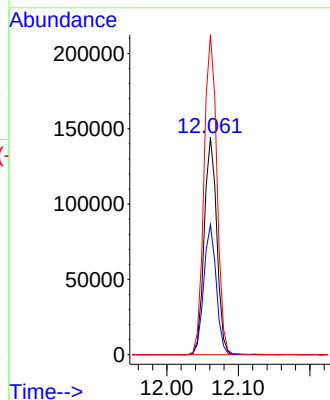
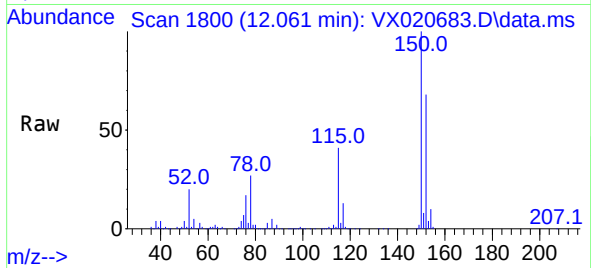




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020683.D
Acq: 20 Jan 2021 16:09

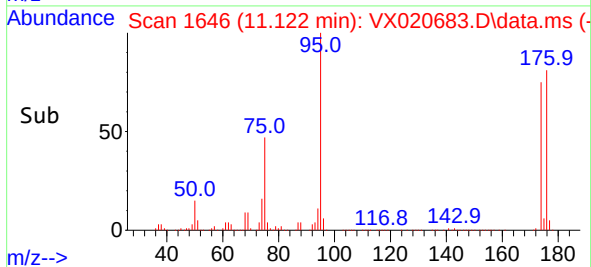
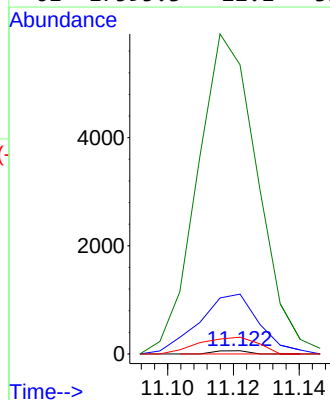
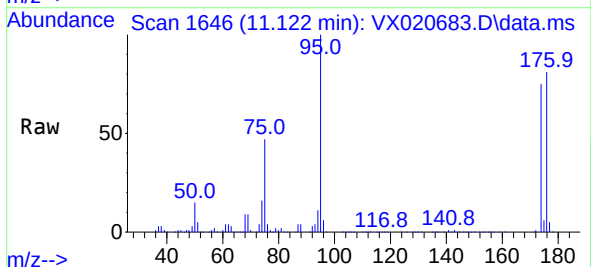
Instrument :
MSVOA_X
ClientSampled :
IBLK

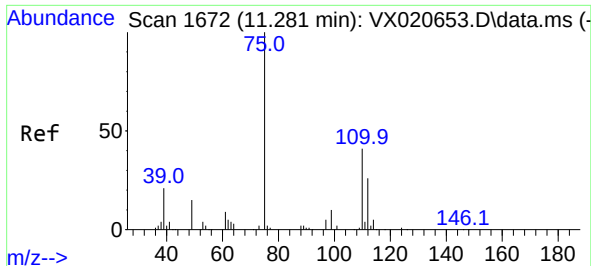
Tgt Ion:152 Resp: 176066
Ion Ratio Lower Upper
152 100
115 59.4 41.1 123.3
150 151.4 0.0 349.0



#74
N-ethyl acetate
Concen: 1.95 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.244 min
Lab File: VX020683.D
Acq: 20 Jan 2021 16:09

Tgt Ion: 43 Resp: 43
Ion Ratio Lower Upper
43 100
70 3286.0 39.0 58.6#
55 897.7 21.5 32.3#
61 17595.3 22.1 33.1#

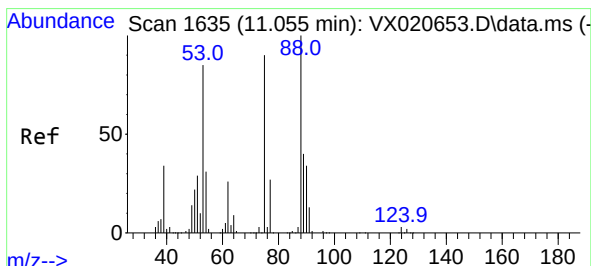
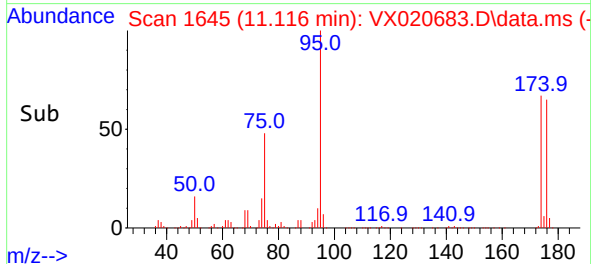
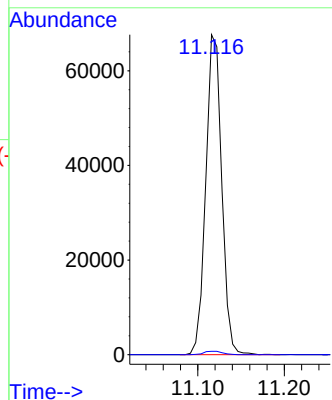
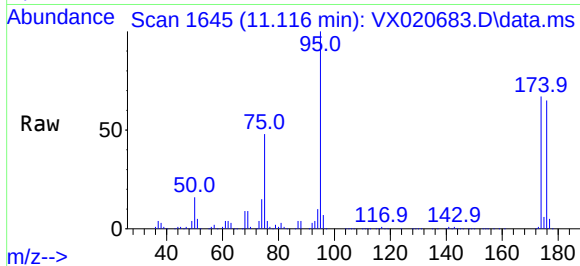




#76
1,2,3-Trichloropropane
Concen: 20.45 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.165 min
Lab File: VX020683.D
Acq: 20 Jan 2021 16:09

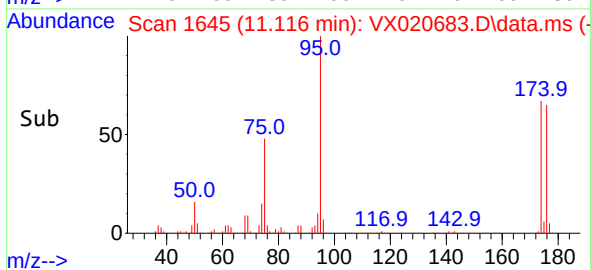
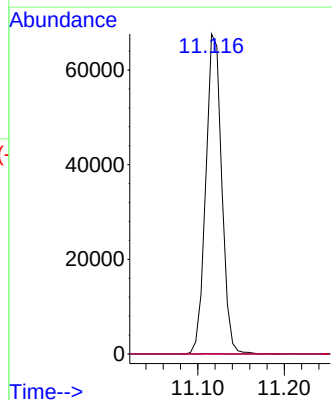
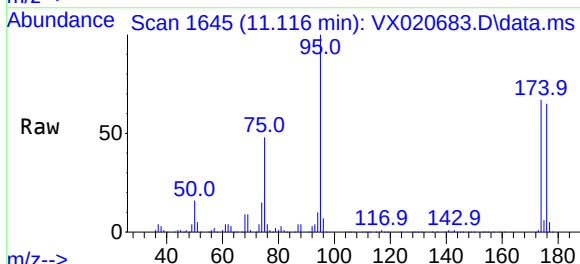
Instrument :
MSVOA_X
ClientSampled :
IBLK

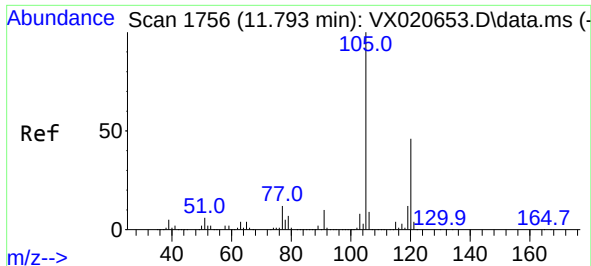
Tgt Ion: 75 Resp: 86408
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 55.86 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. 0.061 min
Lab File: VX020683.D
Acq: 20 Jan 2021 16:09

Tgt Ion: 75 Resp: 86408
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

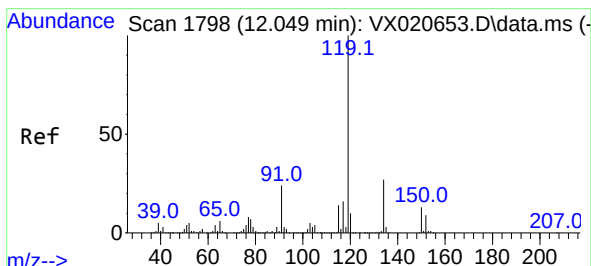
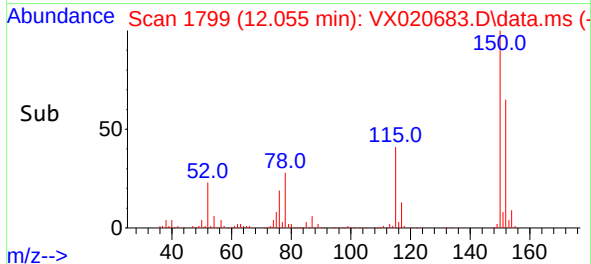
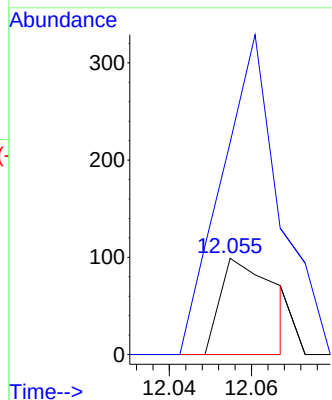
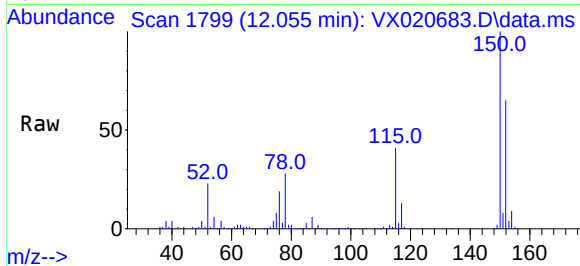




#84
1,2,4-Trimethylbenzene
Concen: 0.41 ug/l
RT: 12.055 min Scan# 1799
Delta R.T. 0.262 min
Lab File: VX020683.D
Acq: 20 Jan 2021 16:09

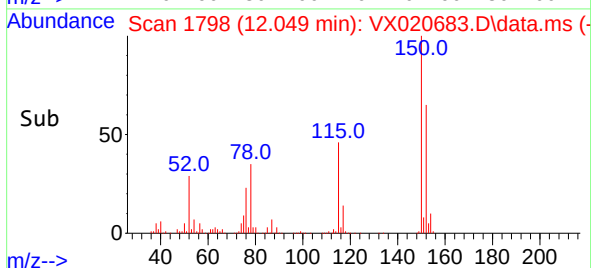
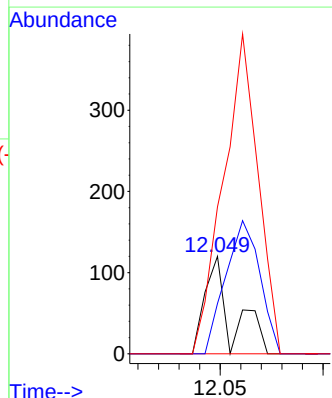
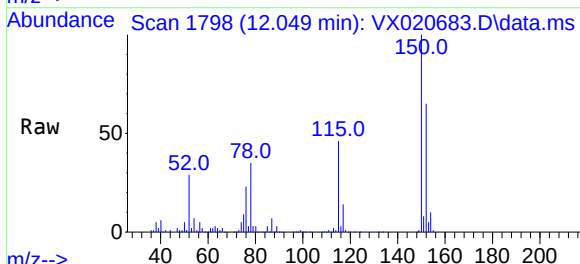
Instrument :
MSVOA_X
ClientSampled :
IBLK

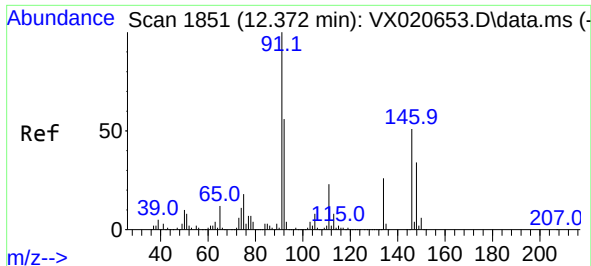
Tgt Ion:105 Resp: 92
Ion Ratio Lower Upper
105 100
120 314.1 22.4 67.3#



#86
p-Isopropyltoluene
Concen: 0.89 ug/l
RT: 12.049 min Scan# 1798
Delta R.T. -0.000 min
Lab File: VX020683.D
Acq: 20 Jan 2021 16:09

Tgt Ion:119 Resp: 111
Ion Ratio Lower Upper
119 100
134 172.1 12.9 38.7#
91 418.0 11.7 35.0#

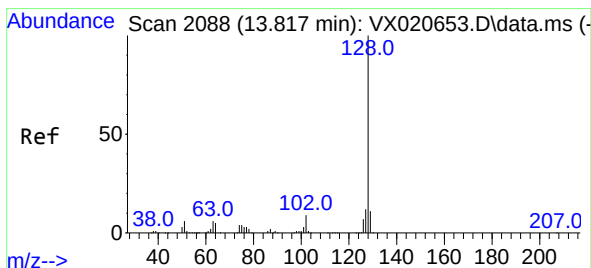
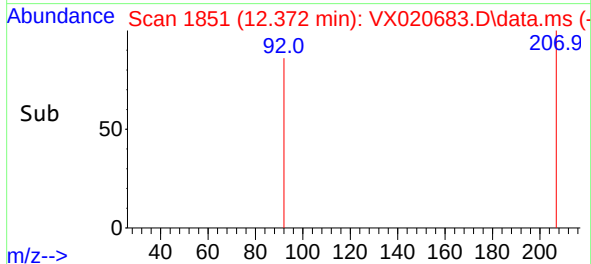
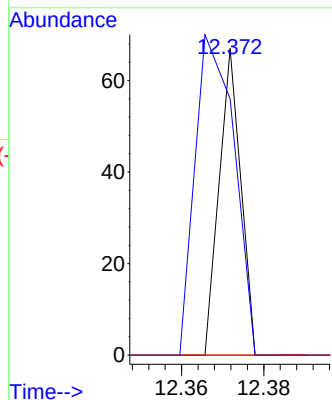
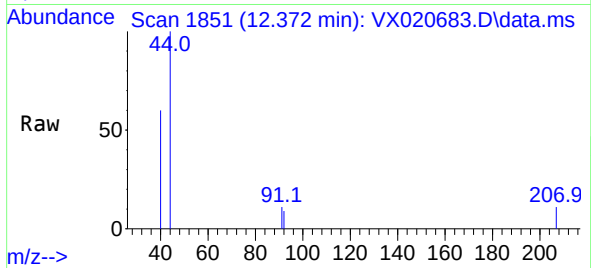




#89
n-Butylbenzene
Concen: 1.43 ug/l
RT: 12.372 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VX020683.D
Acq: 20 Jan 2021 16:09

Instrument :
MSVOA_X
ClientSampled :
IBLK

Tgt Ion: 91 Resp: 25
Ion Ratio Lower Upper
91 100
92 184.0 27.4 82.0#
134 0.0 13.2 39.5#



#95
Naphthalene
Concen: 1.96 ug/l
RT: 13.817 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VX020683.D
Acq: 20 Jan 2021 16:09

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

