

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011321\
 Data File : VX020588.D
 Acq On : 13 Jan 2021 12:34
 Operator : JC/MD
 Sample : VX0113WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 13 14:20:39 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)

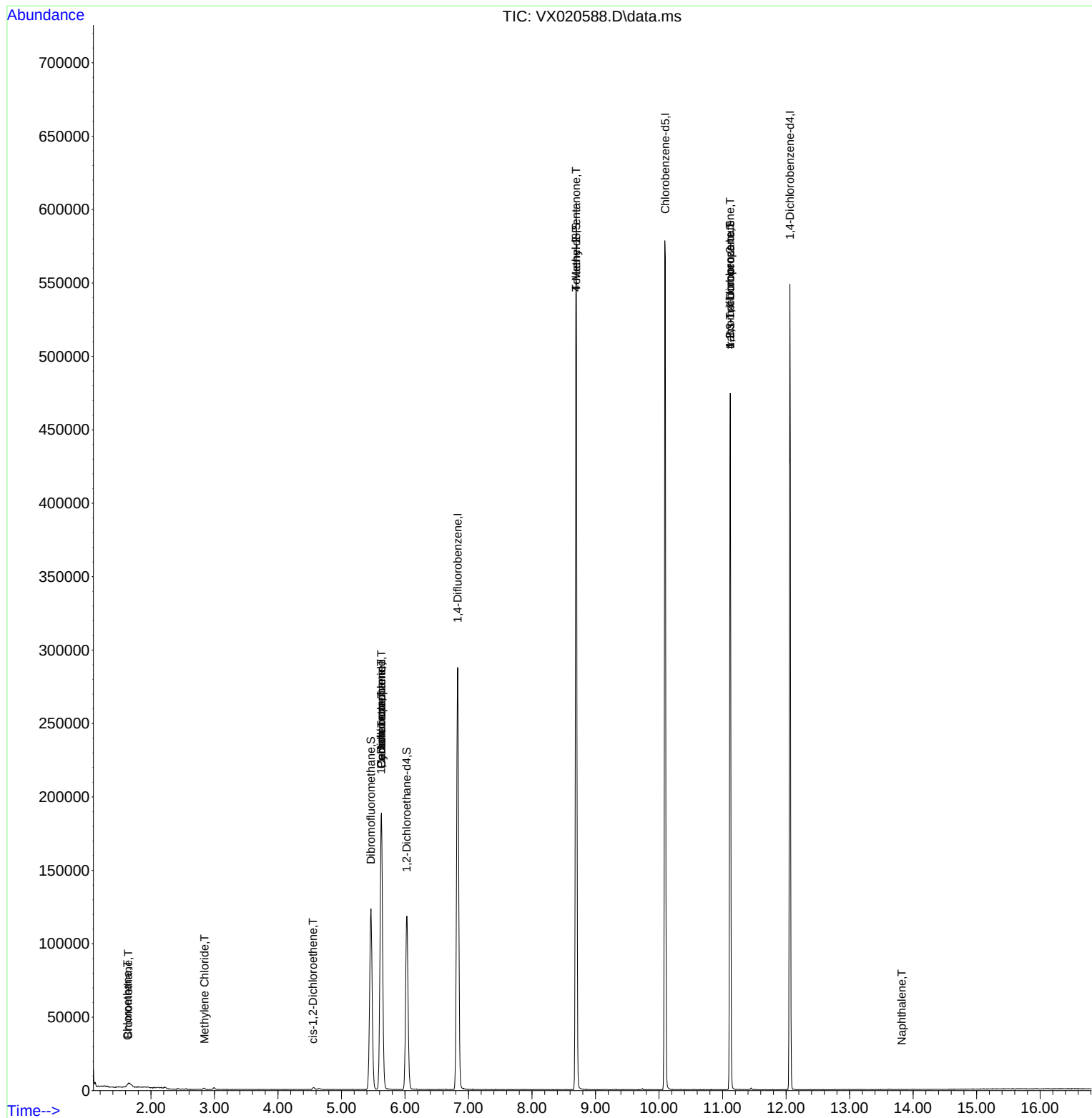
Internal Standards						
1) Pentafluorobenzene	5.629	168	182519	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	295680	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.097	117	283929	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.060	152	118392	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	116296	53.05	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	106.10%
35) Dibromofluoromethane	5.464	113	105721	51.60	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	103.20%
50) Toluene-d8	8.695	98	353474	48.22	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.44%
62) 4-Bromofluorobenzene	11.122	95	127486	49.24	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	98.48%
Target Compounds						
					Qvalue	
5) Bromomethane	1.642	94	282	0.22	ug/l	82
6) Chloroethane	1.629	64	41	0.46	ug/l #	43
11) Tert butyl alcohol	2.983	59	729	Below Cal	#	73
16) Acetone	2.428	43	474	Below Cal		93
20) Methylene Chloride	2.843	84	517	0.25	ug/l #	83
27) cis-1,2-Dichloroethene	4.550	96	1005	0.46	ug/l	83
31) Cyclohexane	5.629	56	3207	1.24	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	13045	4.83	ug/l #	46
38) Carbon Tetrachloride	5.629	117	17853	5.66	ug/l #	18
51) 4-Methyl-2-Pentanone	8.695	43	1288	0.55	ug/l #	1
76) 1,2,3-Trichloropropane	11.122	75	59901	24.02	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	59901	65.44	ug/l #	12
95) Naphthalene	13.822	128	201	3.87	ug/l #	69

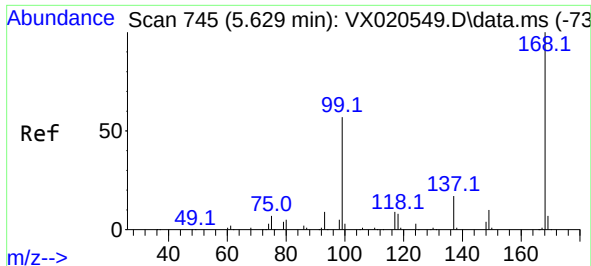
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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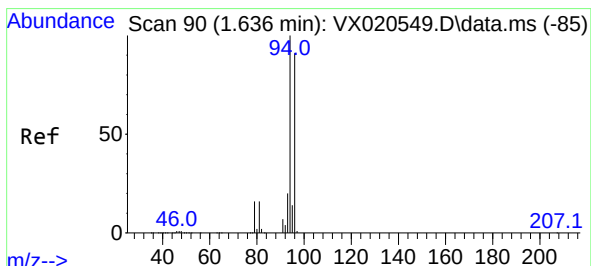
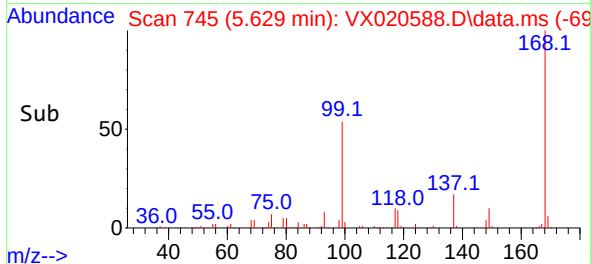
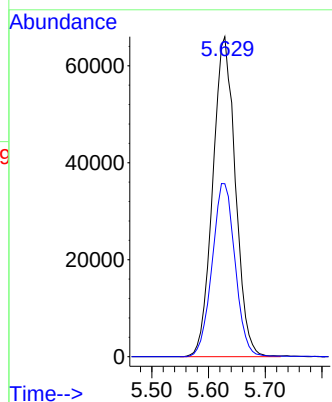
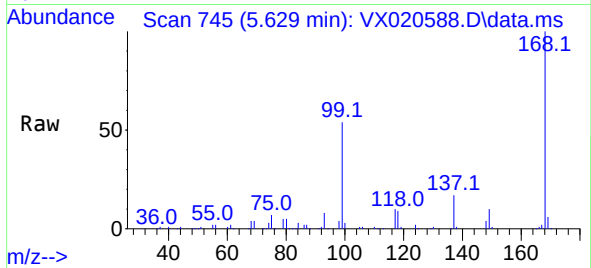




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.000 min
Lab File: VX020588.D
Acq: 13 Jan 2021 12:34

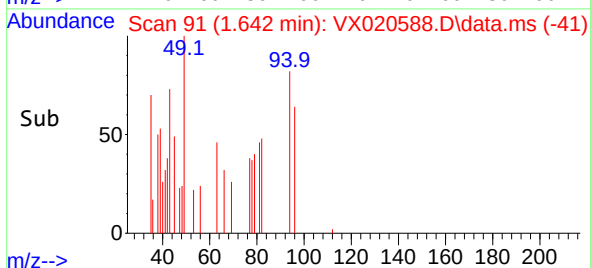
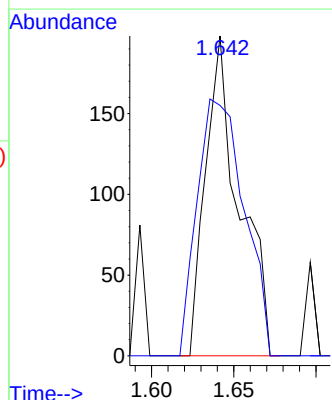
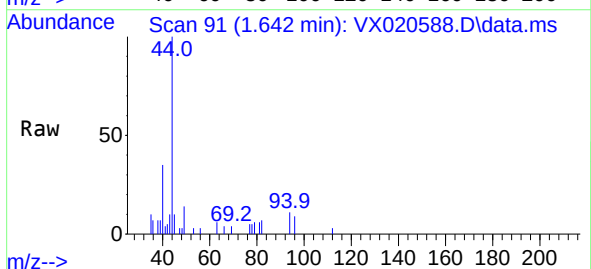
Instrument :
MSVOA_X
ClientSampleId :

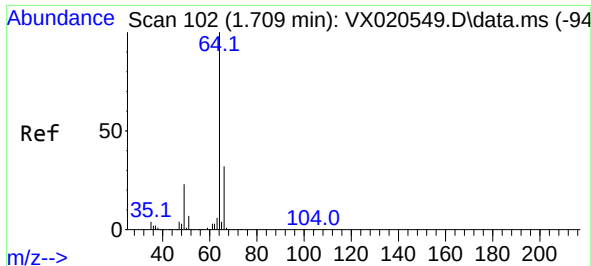
Tgt Ion:168 Resp: 182519
Ion Ratio Lower Upper
168 100
99 54.0 45.8 68.6



#5
Bromomethane
Concen: 0.22 ug/l
RT: 1.642 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX020588.D
Acq: 13 Jan 2021 12:34

Tgt Ion: 94 Resp: 282
Ion Ratio Lower Upper
94 100
96 78.3 76.4 114.6

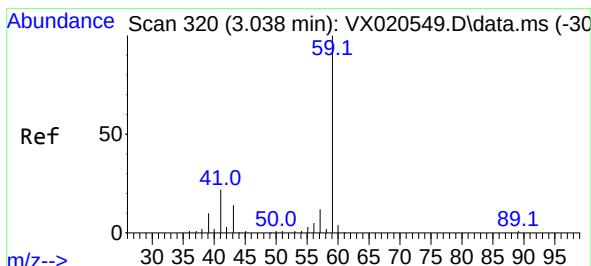
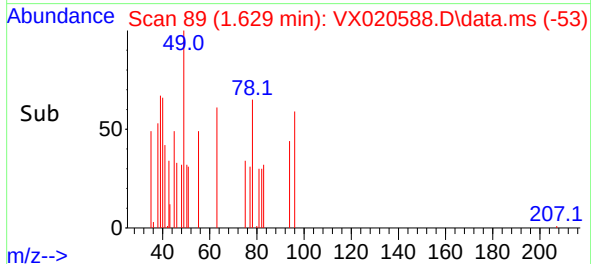
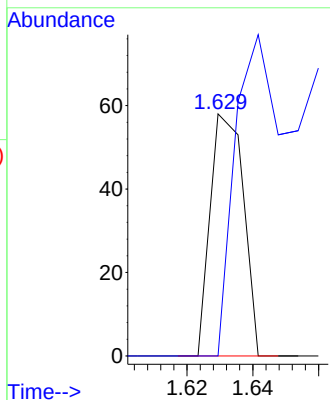
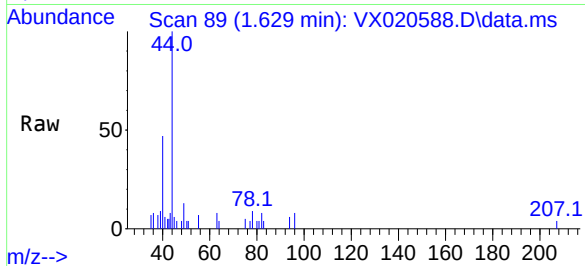




#6
Chloroethane
Concen: 0.46 ug/l
RT: 1.629 min Scan# 89
Delta R.T. -0.080 min
Lab File: VX020588.D
Acq: 13 Jan 2021 12:34

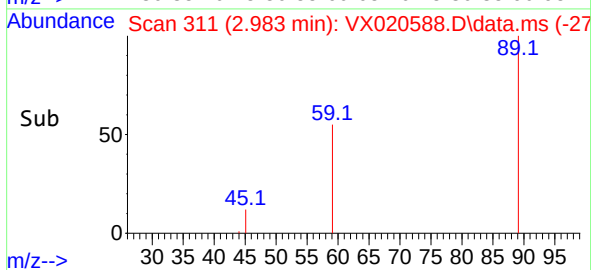
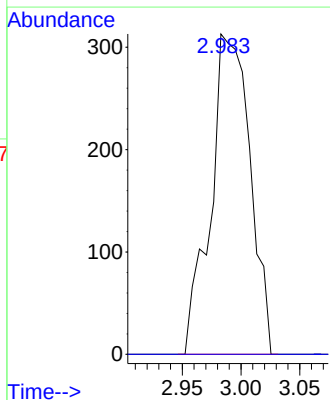
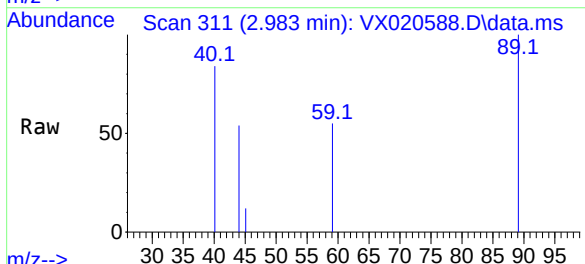
Instrument :
MSVOA_X
ClientSampled :

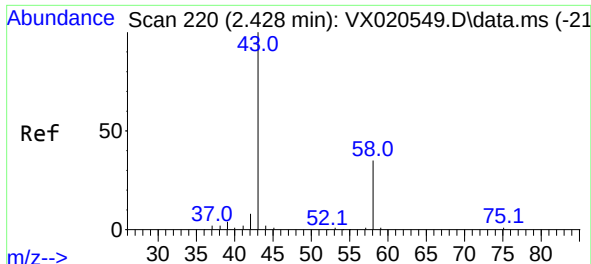
Tgt Ion: 64 Resp: 41
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.983 min Scan# 311
Delta R.T. -0.055 min
Lab File: VX020588.D
Acq: 13 Jan 2021 12:34

Tgt Ion: 59 Resp: 729
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

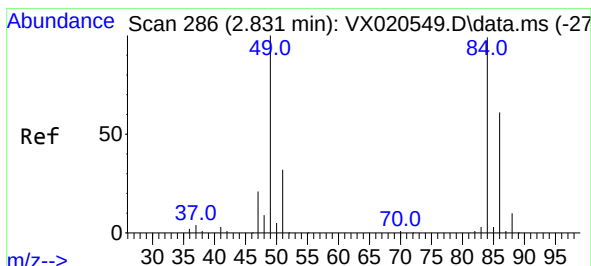
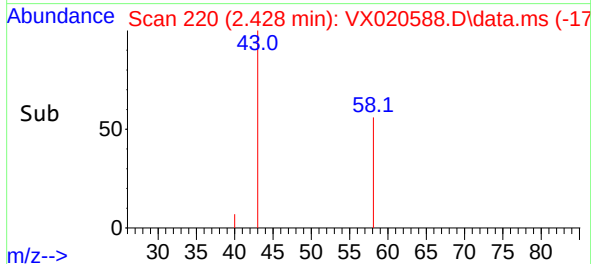
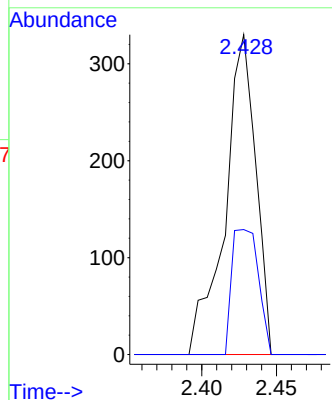
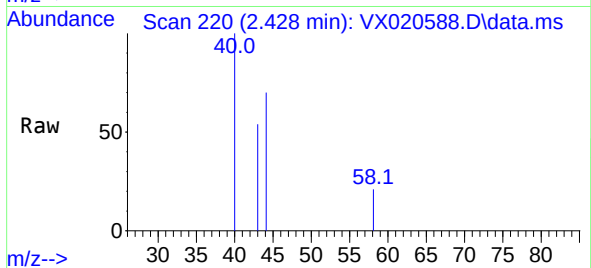




#16
Acetone
Concen: Below Cal
RT: 2.428 min Scan# 220
Delta R.T. 0.000 min
Lab File: VX020588.D
Acq: 13 Jan 2021 12:34

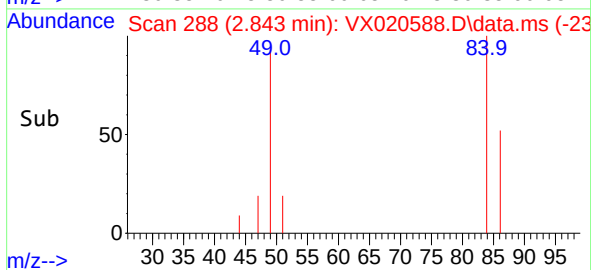
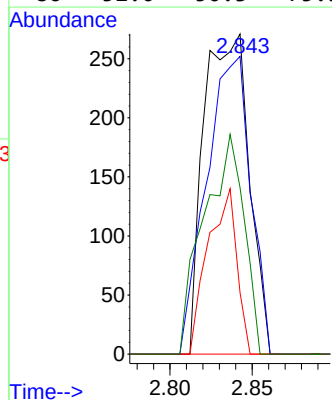
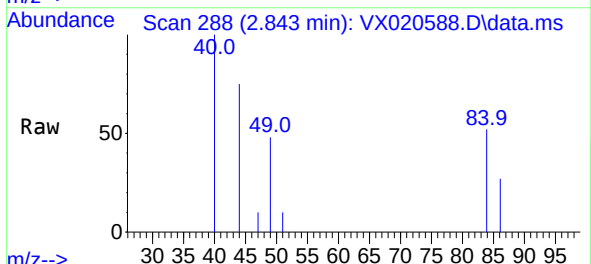
Instrument :
MSVOA_X
ClientSampled :

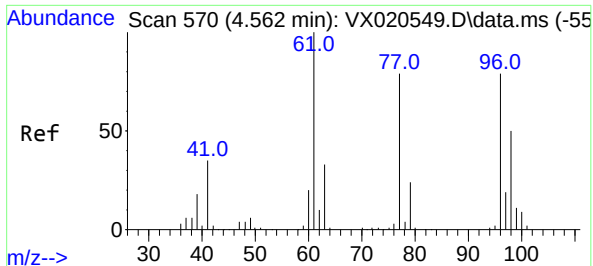
Tgt Ion: 43 Resp: 474
Ion Ratio Lower Upper
43 100
58 39.1 27.8 41.8



#20
Methylene Chloride
Concen: 0.25 ug/l
RT: 2.843 min Scan# 288
Delta R.T. 0.012 min
Lab File: VX020588.D
Acq: 13 Jan 2021 12:34

Tgt Ion: 84 Resp: 517
Ion Ratio Lower Upper
84 100
49 93.0 88.6 132.8
51 19.2 27.0 40.6#
86 52.0 50.3 75.5



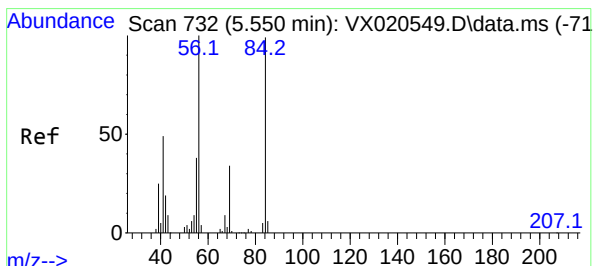
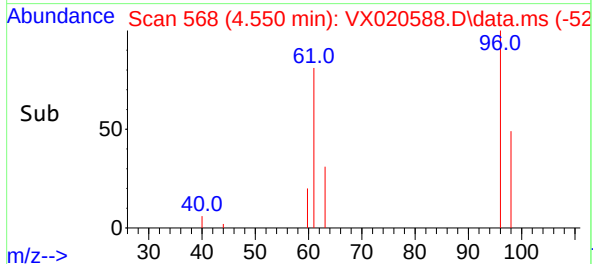
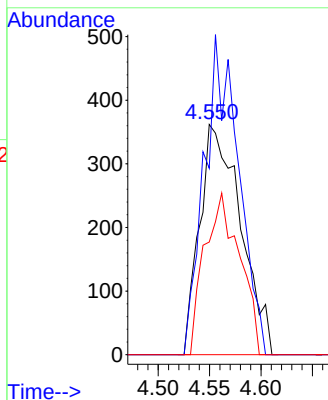
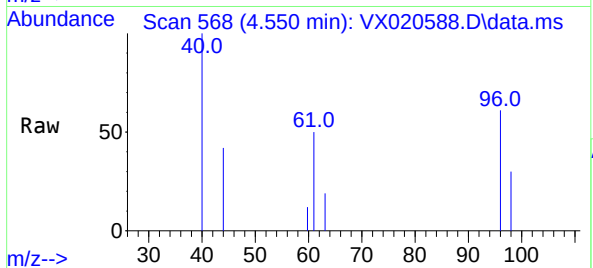


#27
cis-1,2-Dichloroethene
Concen: 0.46 ug/l
RT: 4.550 min Scan# 568
Delta R.T. -0.012 min
Lab File: VX020588.D
Acq: 13 Jan 2021 12:34

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 96 Resp: 1005

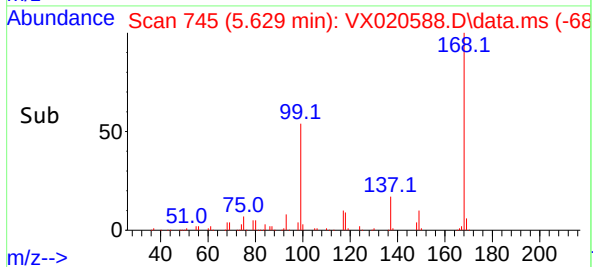
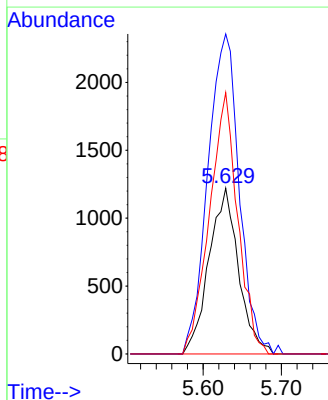
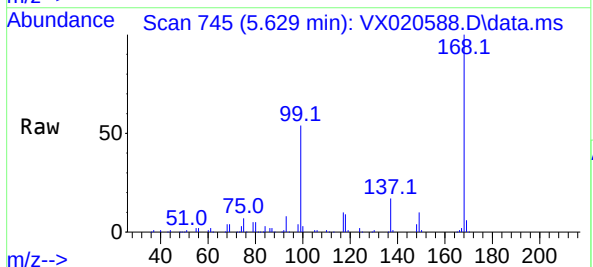
Ion	Ratio	Lower	Upper
96	100		
61	116.2	0.0	285.6
98	60.0	0.0	129.6

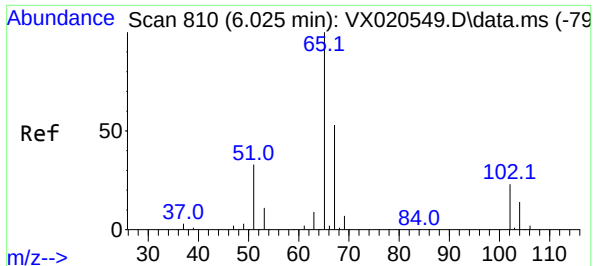


#31
Cyclohexane
Concen: 1.24 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.079 min
Lab File: VX020588.D
Acq: 13 Jan 2021 12:34

Tgt Ion: 56 Resp: 3207

Ion	Ratio	Lower	Upper
56	100		
69	193.0	25.3	37.9#
84	157.7	71.4	107.0#



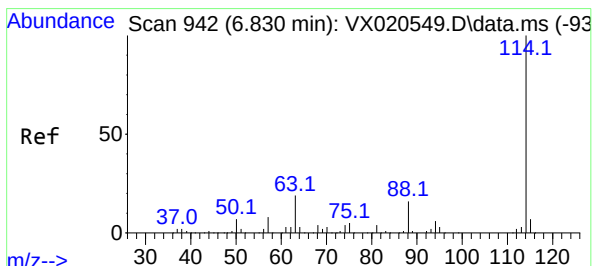
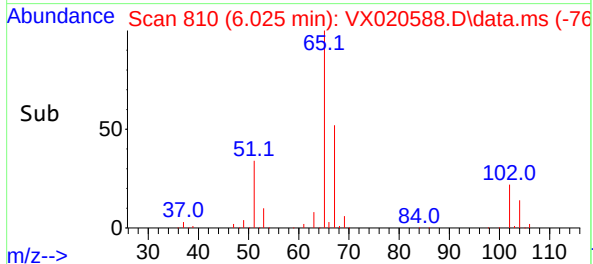
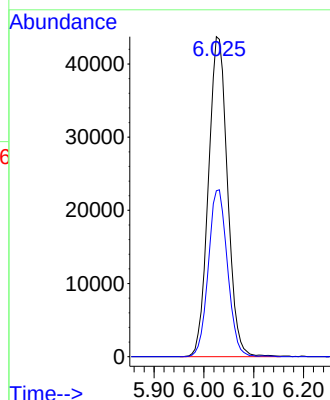
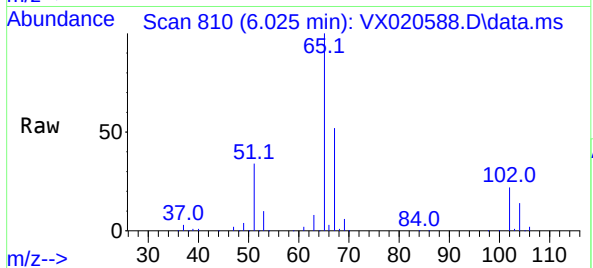


#33

1,2-Dichloroethane-d4
Concen: 53.05 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX020588.D
Acq: 13 Jan 2021 12:34

Instrument :
MSVOA_X
ClientSampleId :

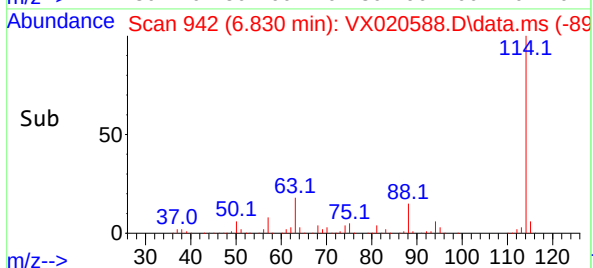
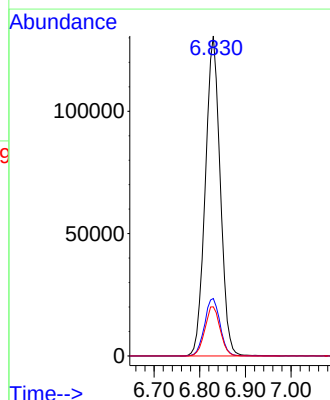
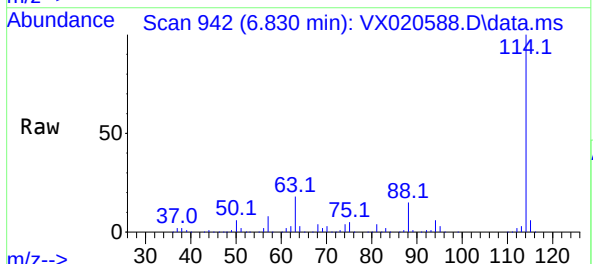
Tgt Ion: 65 Resp: 116296
Ion Ratio Lower Upper
65 100
67 52.2 0.0 105.4

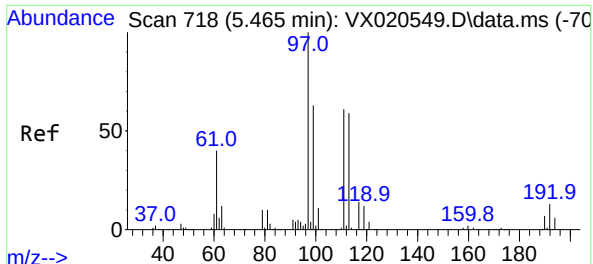


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. -0.000 min
Lab File: VX020588.D
Acq: 13 Jan 2021 12:34

Tgt Ion: 114 Resp: 295680
Ion Ratio Lower Upper
114 100
63 18.0 0.0 40.8
88 15.3 0.0 32.8

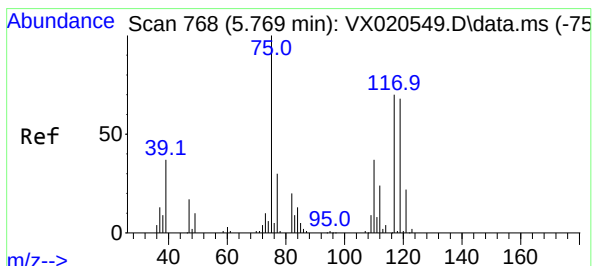
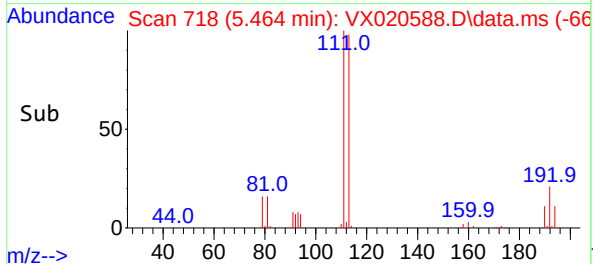
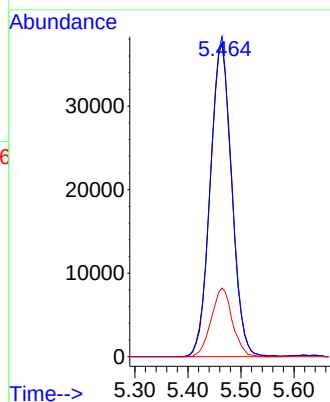
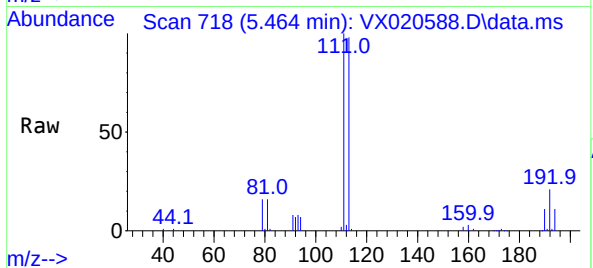




#35
Dibromofluoromethane
Concen: 51.60 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.001 min
Lab File: VX020588.D
Acq: 13 Jan 2021 12:34

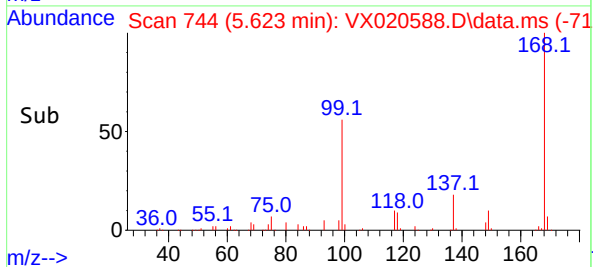
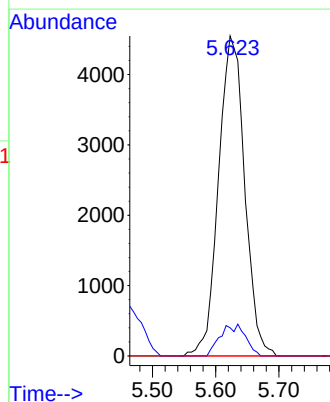
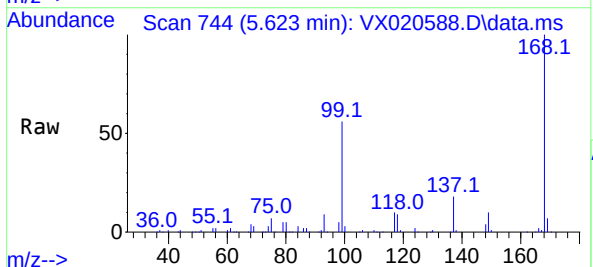
Instrument :
MSVOA_X
ClientSampleId :

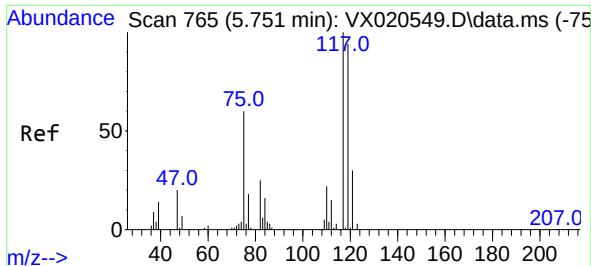
Tgt Ion:113 Resp: 105721
Ion Ratio Lower Upper
113 100
111 101.0 81.9 122.9
192 21.6 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.83 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.146 min
Lab File: VX020588.D
Acq: 13 Jan 2021 12:34

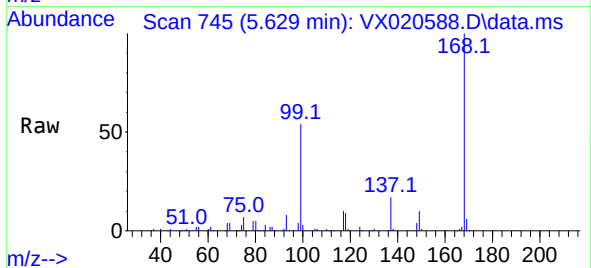
Tgt Ion: 75 Resp: 13045
Ion Ratio Lower Upper
75 100
110 5.6 18.1 54.4#
77 0.0 25.3 37.9#



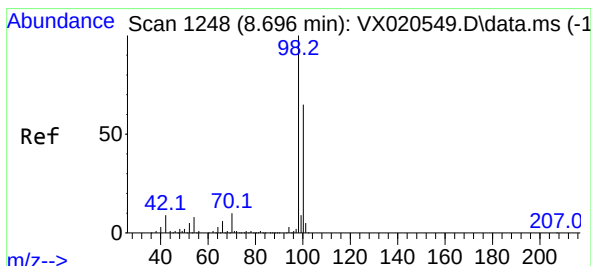
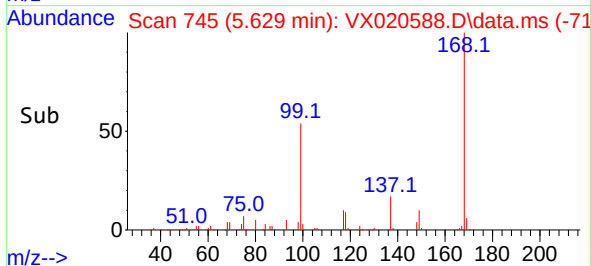
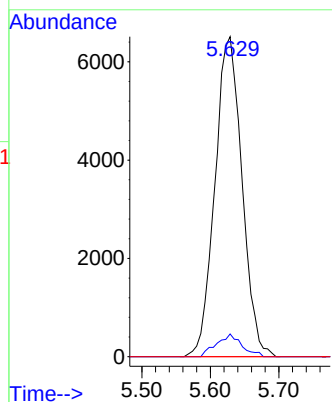


#38
Carbon Tetrachloride
Concen: 5.66 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.122 min
Lab File: VX020588.D
Acq: 13 Jan 2021 12:34

Instrument :
MSVOA_X
ClientSampled :

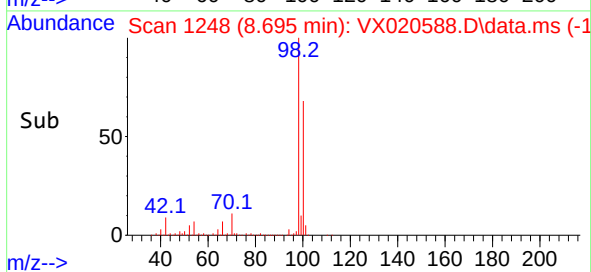
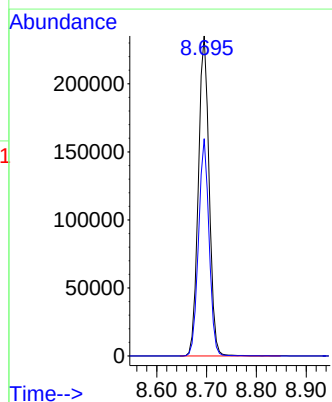
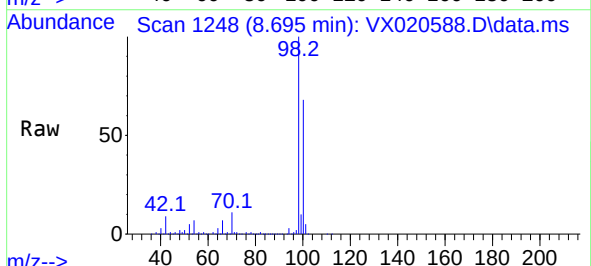


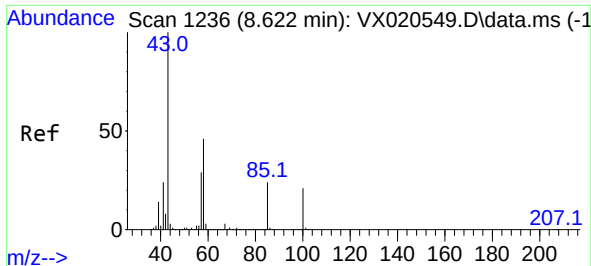
Tgt Ion:117 Resp: 17853
Ion Ratio Lower Upper
117 100
119 7.1 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 48.22 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. -0.001 min
Lab File: VX020588.D
Acq: 13 Jan 2021 12:34

Tgt Ion: 98 Resp: 353474
Ion Ratio Lower Upper
98 100
100 66.2 51.9 77.9

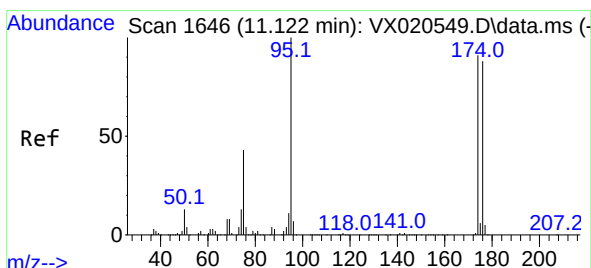
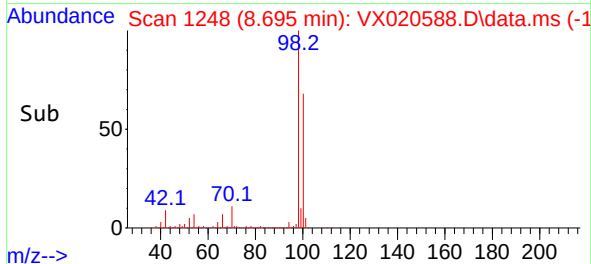
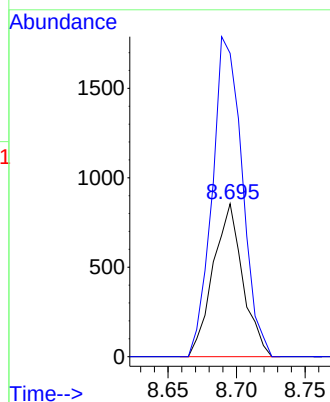
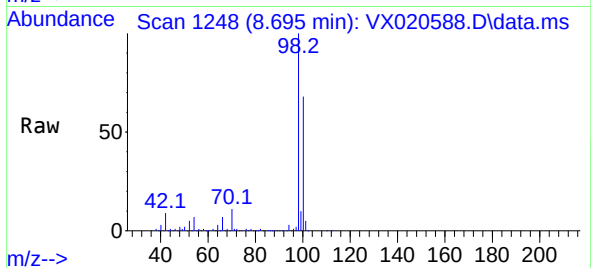




#51
4-Methyl-2-Pentanone
Concen: 0.55 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.073 min
Lab File: VX020588.D
Acq: 13 Jan 2021 12:34

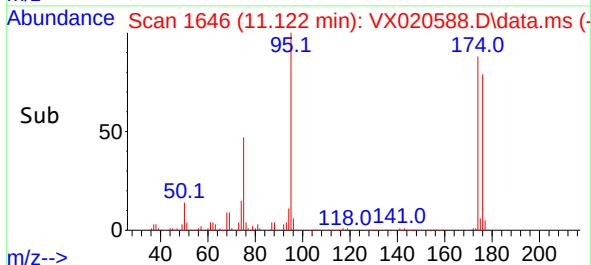
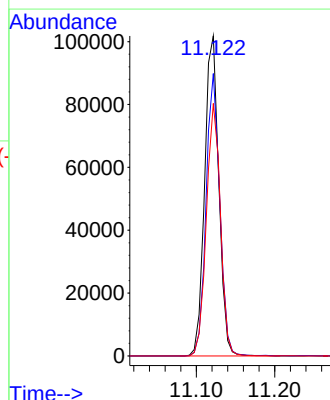
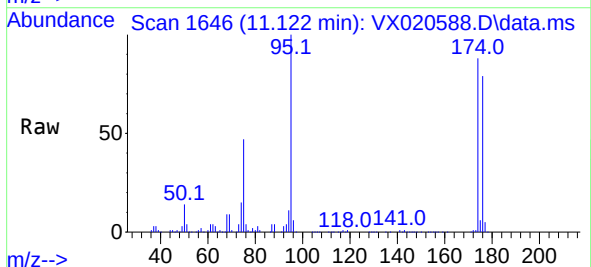
Instrument :
MSVOA_X
ClientSampled :

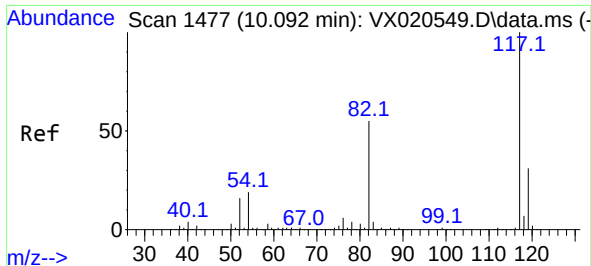
Tgt Ion: 43 Resp: 1288
Ion Ratio Lower Upper
43 100
58 211.2 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 49.24 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020588.D
Acq: 13 Jan 2021 12:34

Tgt Ion: 95 Resp: 127486
Ion Ratio Lower Upper
95 100
174 85.4 0.0 154.6
176 78.3 0.0 155.8

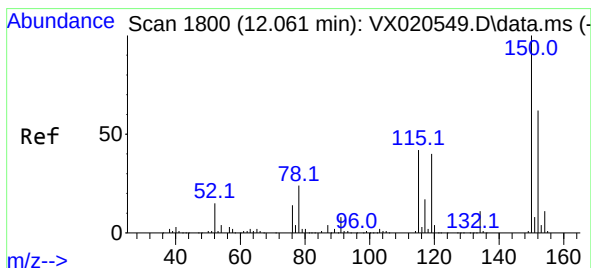
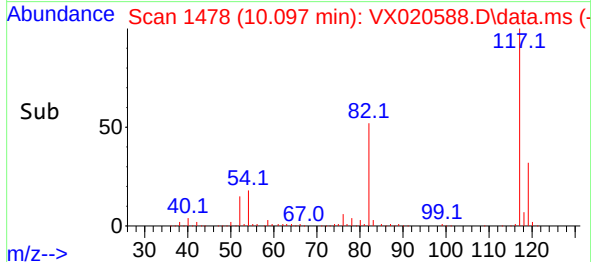
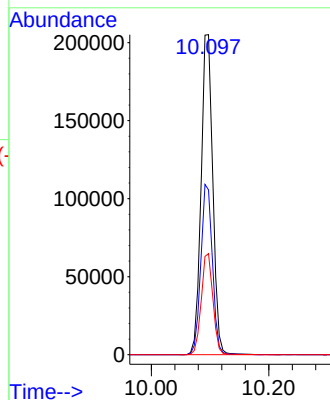
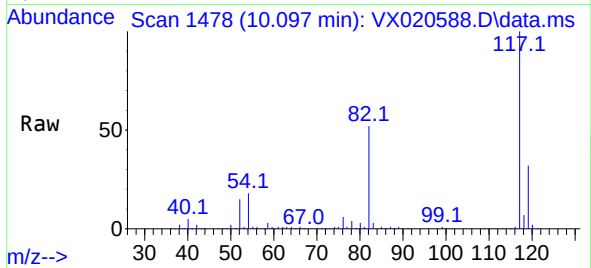




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.097 min Scan# 1478
Delta R.T. 0.005 min
Lab File: VX020588.D
Acq: 13 Jan 2021 12:34

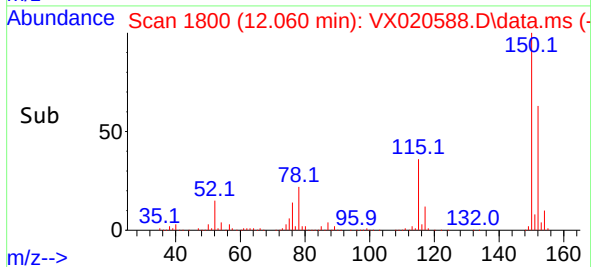
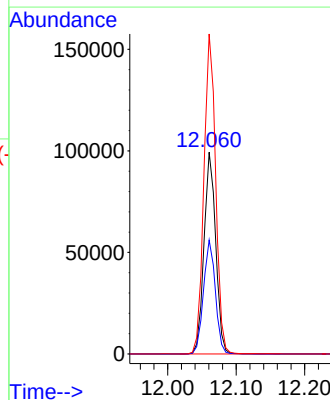
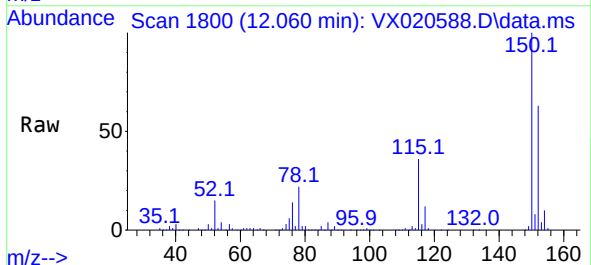
Instrument :
MSVOA_X
ClientSampled :

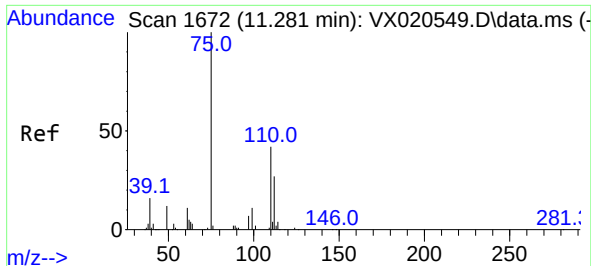
Tgt Ion:117 Resp: 283929
Ion Ratio Lower Upper
117 100
82 51.5 47.4 71.2
119 31.6 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.060 min Scan# 1800
Delta R.T. -0.001 min
Lab File: VX020588.D
Acq: 13 Jan 2021 12:34

Tgt Ion:152 Resp: 118392
Ion Ratio Lower Upper
152 100
115 57.2 41.1 123.3
150 159.5 0.0 349.0

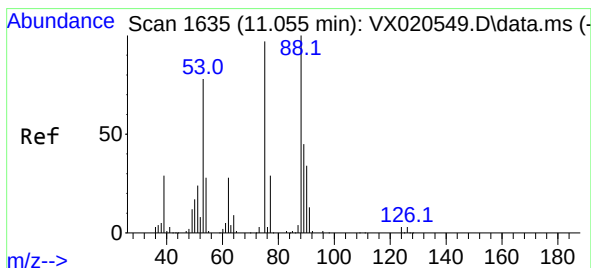
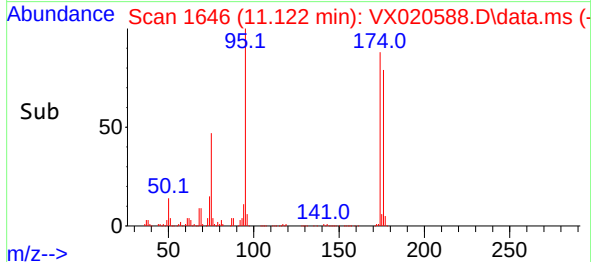
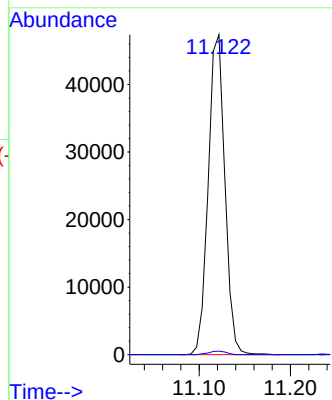
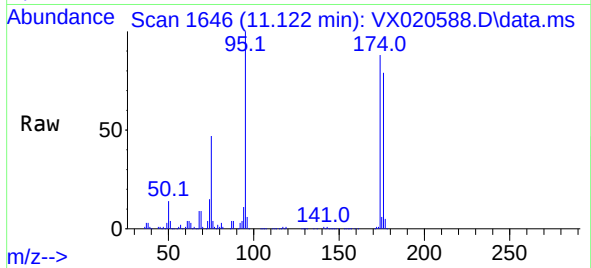




#76
1,2,3-Trichloropropane
Concen: 24.02 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.159 min
Lab File: VX020588.D
Acq: 13 Jan 2021 12:34

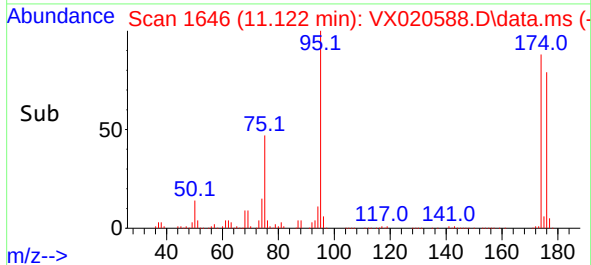
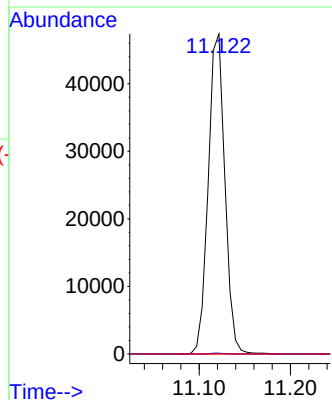
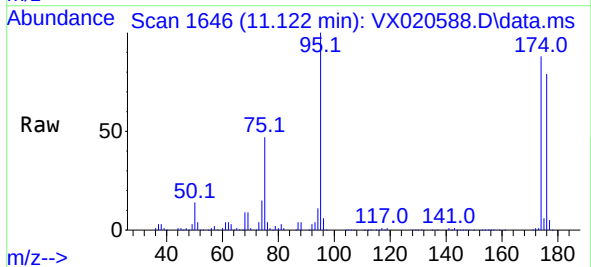
Instrument :
MSVOA_X
ClientSampled :

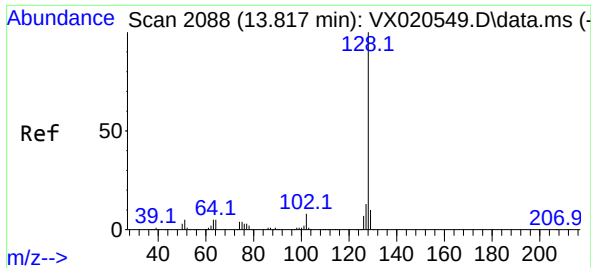
Tgt Ion: 75 Resp: 59901
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.44 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020588.D
Acq: 13 Jan 2021 12:34

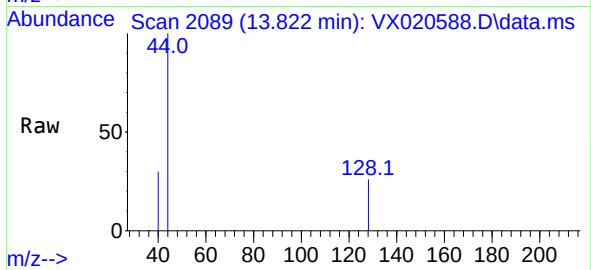
Tgt Ion: 75 Resp: 59901
Ion Ratio Lower Upper
75 100
53 0.2 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 3.87 ug/l
RT: 13.822 min Scan# 2089
Delta R.T. 0.005 min
Lab File: VX020588.D
Acq: 13 Jan 2021 12:34

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 201
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

