

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012021\
 Data File : VX020676.D
 Acq On : 20 Jan 2021 11:45
 Operator : JC/SP
 Sample : VX0120MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0120MBL01

Quant Time: Jan 20 16:55:19 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

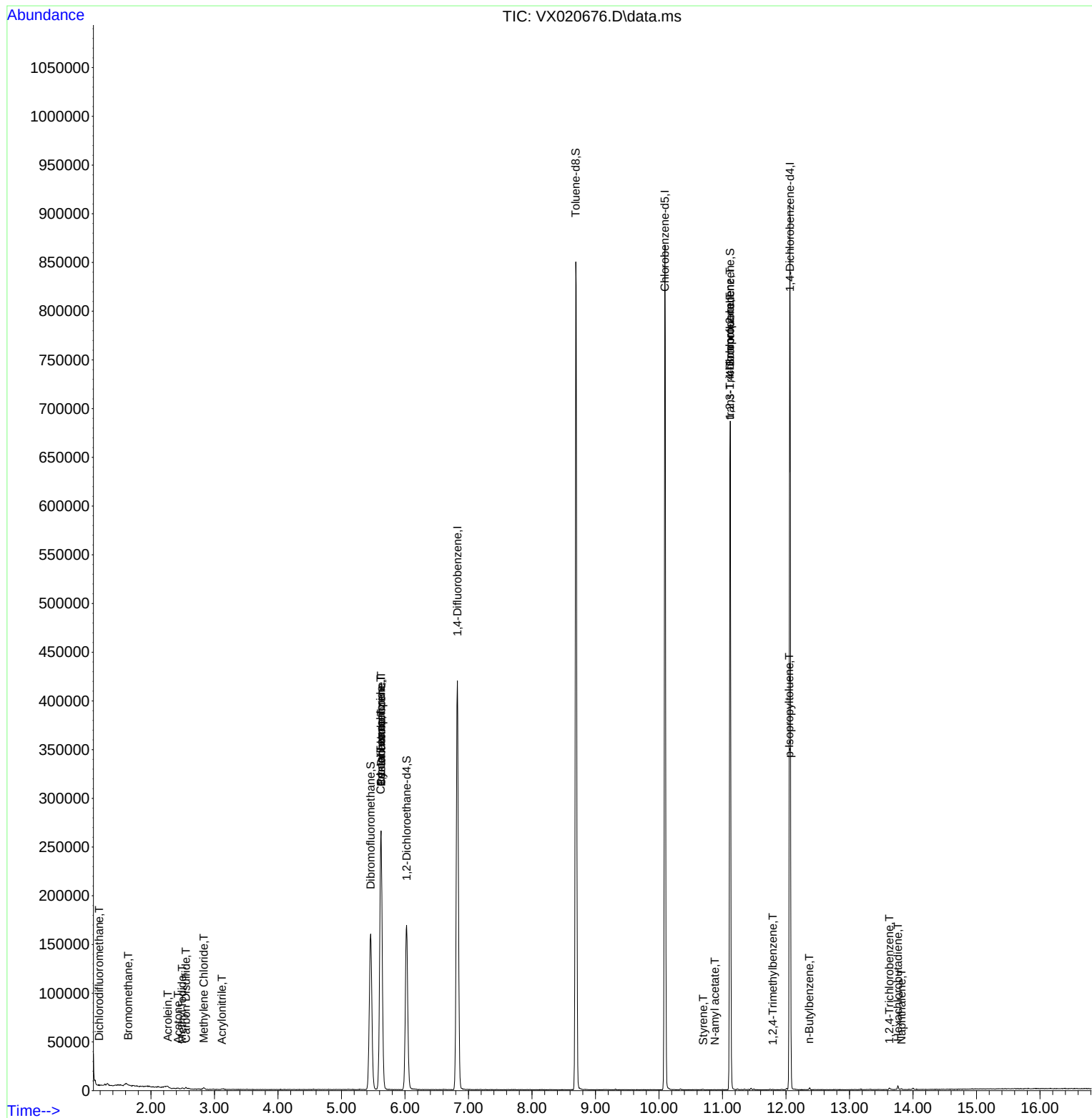
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.623	168	249990	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.824	114	428533	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	399053	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	180463	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	165967	48.56	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.12%
35) Dibromofluoromethane	5.458	113	140449	47.57	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.14%
50) Toluene-d8	8.690	98	517822	48.64	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.28%
62) 4-Bromofluorobenzene	11.122	95	191634	47.62	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	95.24%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	25	0.75	ug/l #	42
5) Bromomethane	1.642	94	601	0.37	ug/l #	77
6) Chloroethane	1.654	64	70	Below Cal	#	43
10) Methyl Iodide	2.489	142	1154	0.31	ug/l	96
13) Acrolein	2.264	56	263	30.94	ug/l #	82
15) Acrylonitrile	3.117	53	398	0.26	ug/l #	81
16) Acetone	2.429	43	951	0.72	ug/l	89
17) Carbon Disulfide	2.550	76	1980	0.26	ug/l #	92
20) Methylene Chloride	2.831	84	815	0.25	ug/l #	82
31) Cyclohexane	5.623	56	4740	1.06	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	19301	4.47	ug/l #	49
38) Carbon Tetrachloride	5.617	117	24770	5.37	ug/l #	16
70) Styrene	10.695	104	175	1.44	ug/l #	57
74) N-amyl acetate	10.878	43	46	1.95	ug/l #	38
76) 1,2,3-Trichloropropane	11.116	75	91901	21.22	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	91901	61.38	ug/l #	12
84) 1,2,4-Trimethylbenzene	11.793	105	289	0.42	ug/l	72
86) p-Isopropyltoluene	12.049	119	388	0.91	ug/l #	1
89) n-Butylbenzene	12.366	91	541	1.48	ug/l	96
93) 1,2,4-Trichlorobenzene	13.628	180	531	2.36	ug/l	87
94) Hexachlorobutadiene	13.762	225	635	0.36	ug/l	91
95) Naphthalene	13.817	128	925	2.01	ug/l #	94

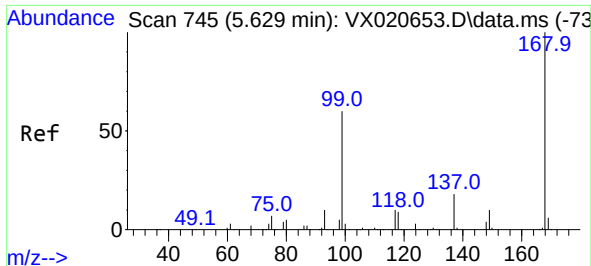
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0120MBL01

Quant Time: Jan 20 16:55:19 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

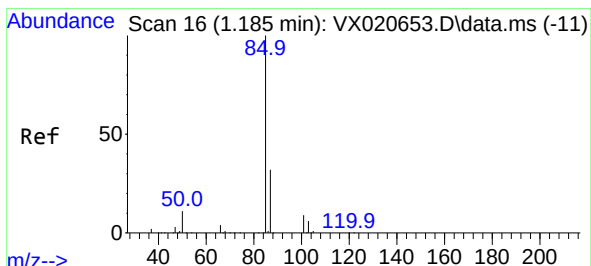
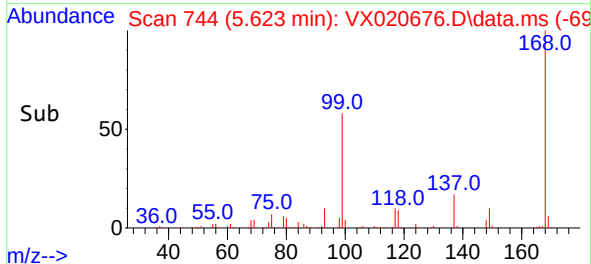
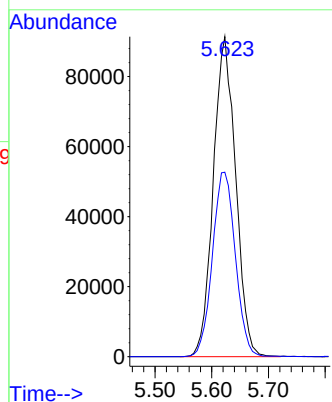
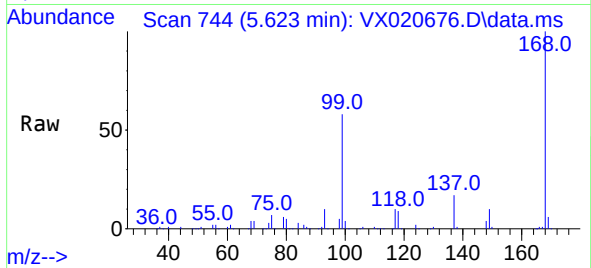




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.006 min
Lab File: VX020676.D
Acq: 20 Jan 2021 11:45

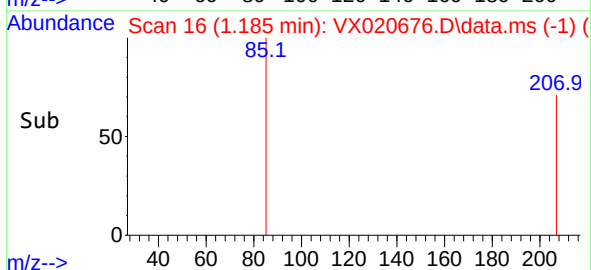
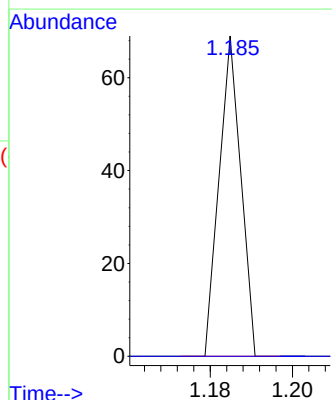
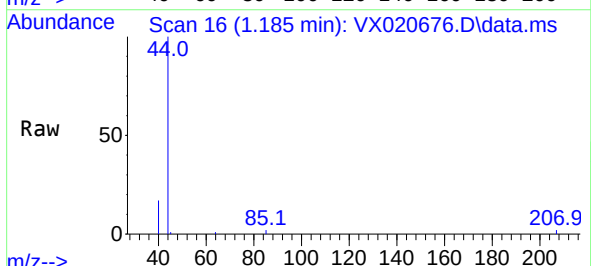
Instrument :
MSVOA_X
ClientSampleId :
VX0120MBL01

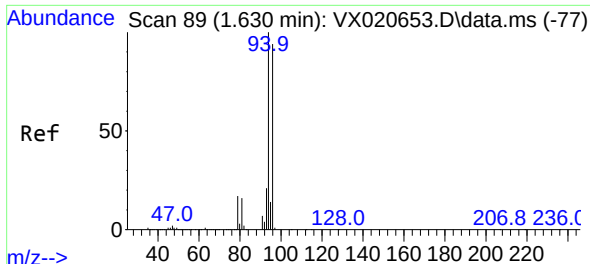
Tgt Ion:168 Resp: 249990
Ion Ratio Lower Upper
168 100
99 57.7 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 0.75 ug/l
RT: 1.185 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX020676.D
Acq: 20 Jan 2021 11:45

Tgt Ion: 85 Resp: 25
Ion Ratio Lower Upper
85 100
87 0.0 16.4 49.2#

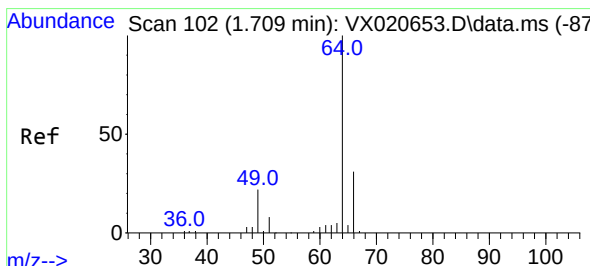
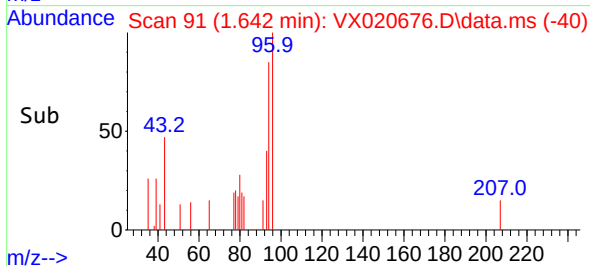
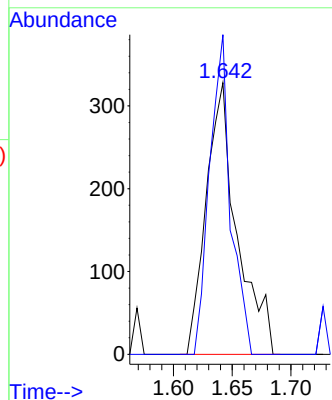
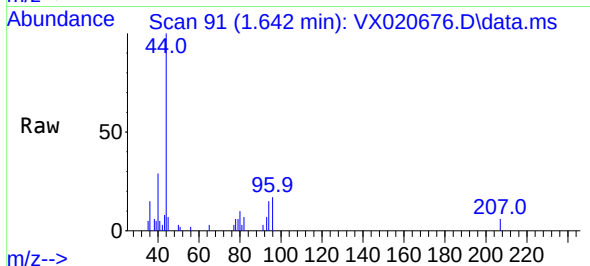




#5
Bromomethane
Concen: 0.37 ug/l
RT: 1.642 min Scan# 91
Delta R.T. 0.012 min
Lab File: VX020676.D
Acq: 20 Jan 2021 11:45

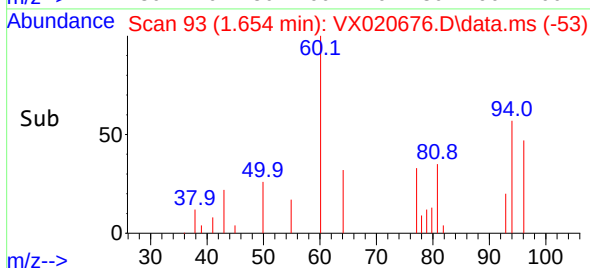
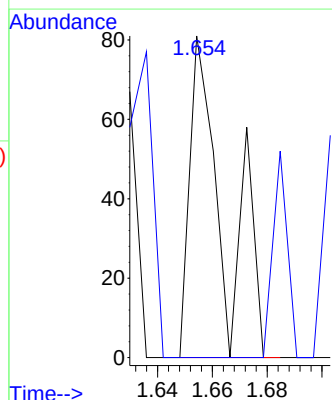
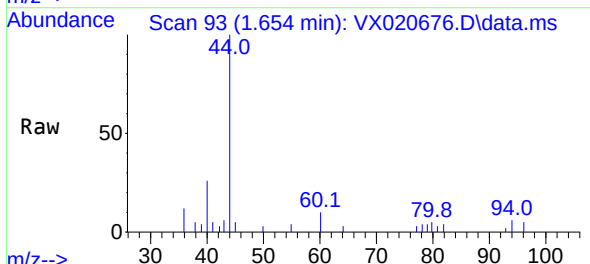
Instrument :
MSVOA_X
ClientSampleId :
VX0120MBL01

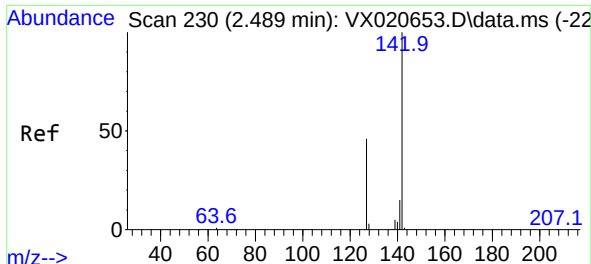
Tgt Ion: 94 Resp: 601
Ion Ratio Lower Upper
94 100
96 117.7 76.4 114.6#



#6
Chloroethane
Concen: Below Cal
RT: 1.654 min Scan# 93
Delta R.T. -0.055 min
Lab File: VX020676.D
Acq: 20 Jan 2021 11:45

Tgt Ion: 64 Resp: 70
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#

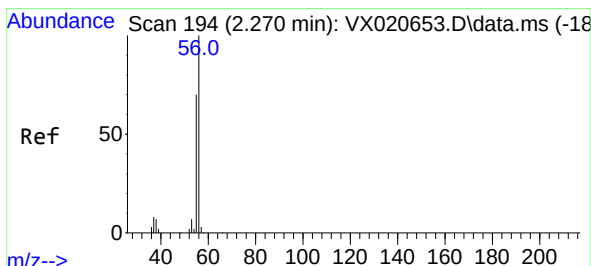
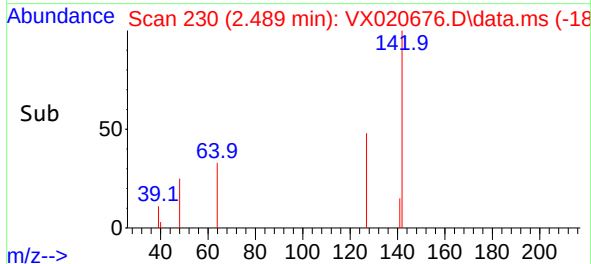
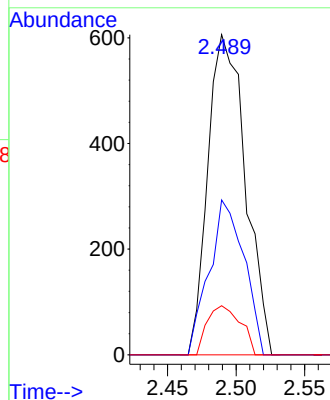
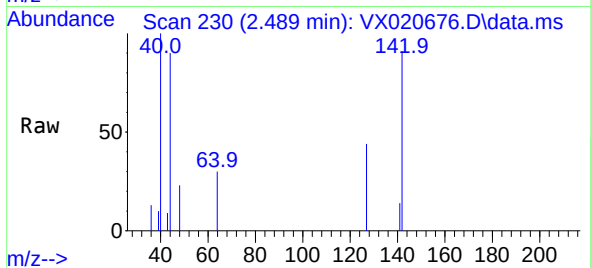




#10
Methyl Iodide
Concen: 0.31 ug/l
RT: 2.489 min Scan# 230
Delta R.T. 0.000 min
Lab File: VX020676.D
Acq: 20 Jan 2021 11:45

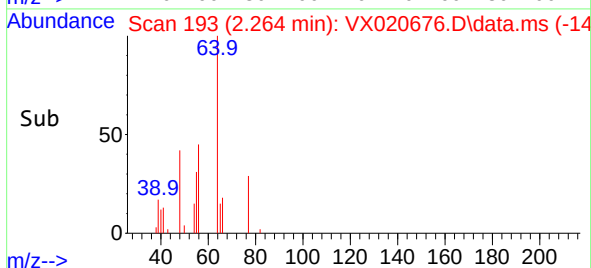
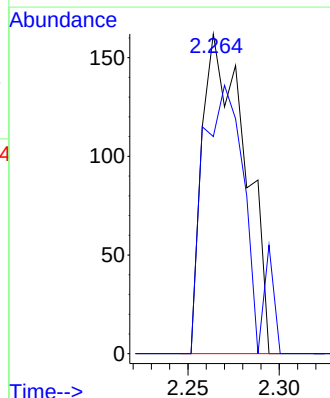
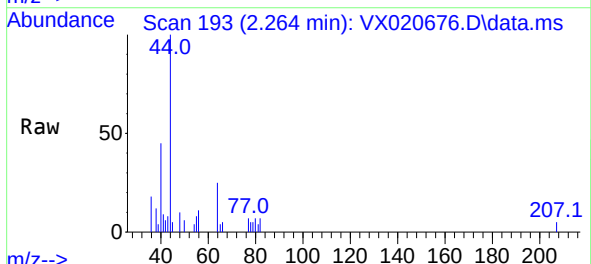
Instrument :
MSVOA_X
ClientSampleId :
VX0120MBL01

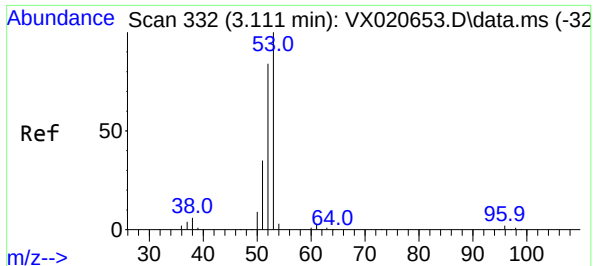
Tgt Ion:142 Resp: 1154
Ion Ratio Lower Upper
142 100
127 45.1 33.3 49.9
141 13.6 11.4 17.0



#13
Acrolein
Concen: 30.94 ug/l
RT: 2.264 min Scan# 193
Delta R.T. -0.006 min
Lab File: VX020676.D
Acq: 20 Jan 2021 11:45

Tgt Ion: 56 Resp: 263
Ion Ratio Lower Upper
56 100
55 85.6 56.4 84.6#



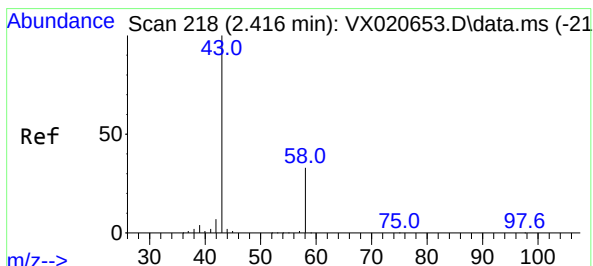
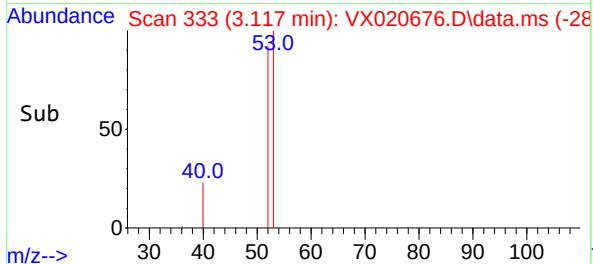
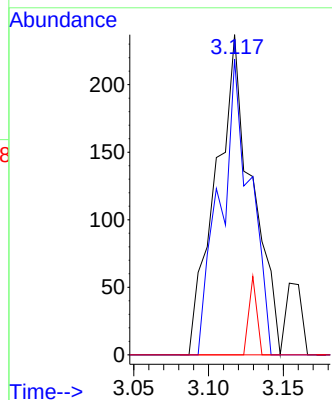
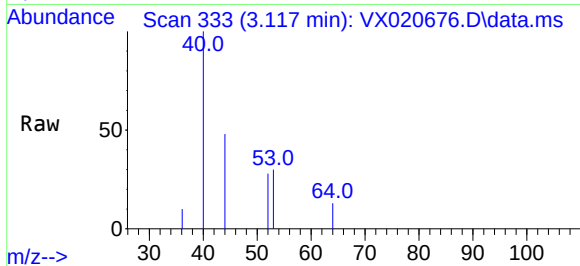


#15
Acrylonitrile
Concen: 0.26 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX020676.D
Acq: 20 Jan 2021 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX0120MBL01

Tgt Ion: 53 Resp: 398

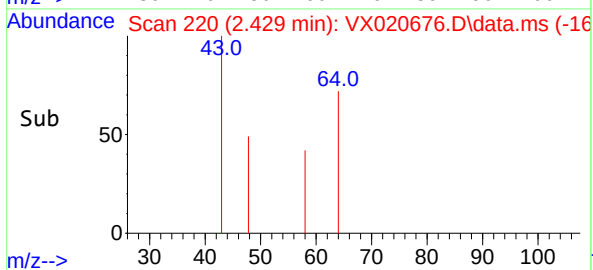
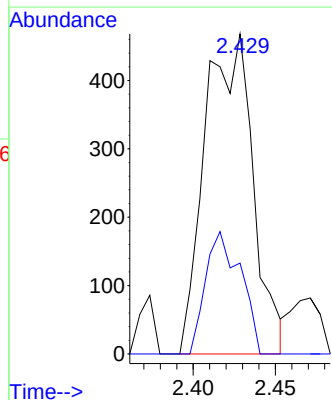
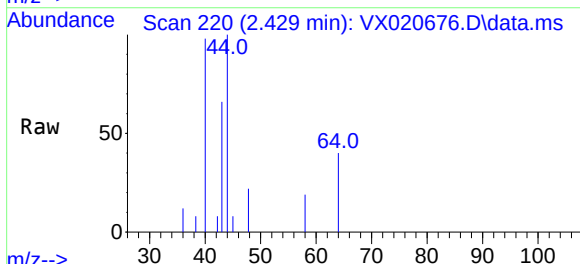
Ion	Ratio	Lower	Upper
53	100		
52	77.4	65.3	97.9
51	5.3	28.2	42.2#

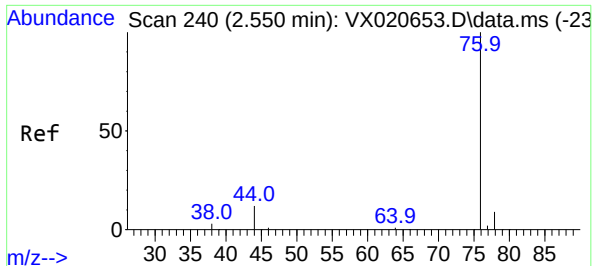


#16
Acetone
Concen: 0.72 ug/l
RT: 2.429 min Scan# 220
Delta R.T. 0.013 min
Lab File: VX020676.D
Acq: 20 Jan 2021 11:45

Tgt Ion: 43 Resp: 951

Ion	Ratio	Lower	Upper
43	100		
58	28.4	27.8	41.8

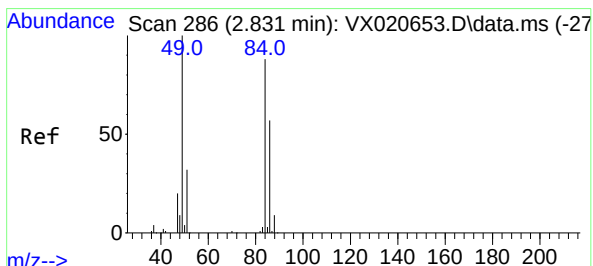
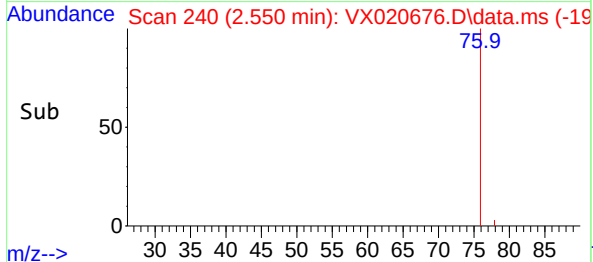
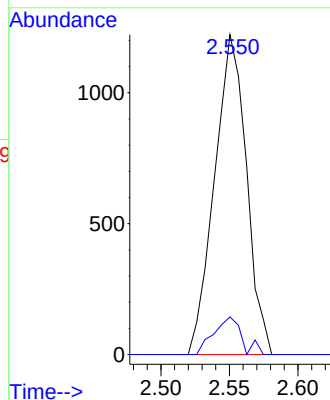
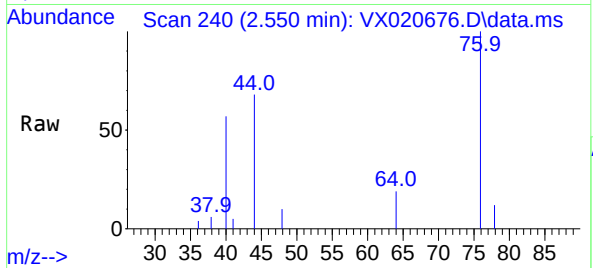




#17
Carbon Disulfide
Concen: 0.26 ug/l
RT: 2.550 min Scan# 240
Delta R.T. 0.000 min
Lab File: VX020676.D
Acq: 20 Jan 2021 11:45

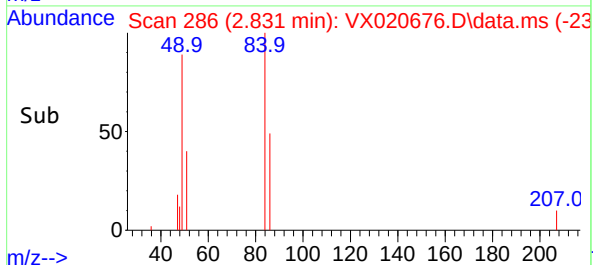
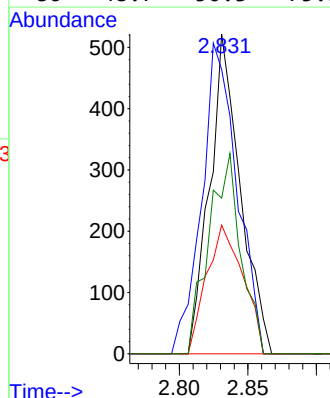
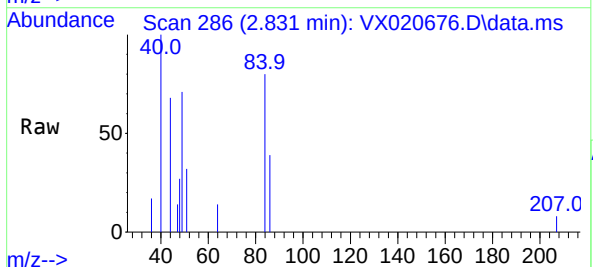
Instrument :
MSVOA_X
ClientSampleId :
VX0120MBL01

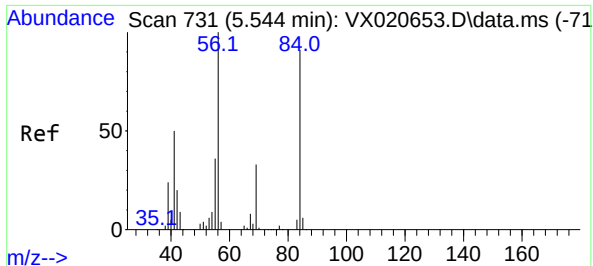
Tgt Ion: 76 Resp: 1980
Ion Ratio Lower Upper
76 100
78 11.8 7.2 10.8#



#20
Methylene Chloride
Concen: 0.25 ug/l
RT: 2.831 min Scan# 286
Delta R.T. -0.000 min
Lab File: VX020676.D
Acq: 20 Jan 2021 11:45

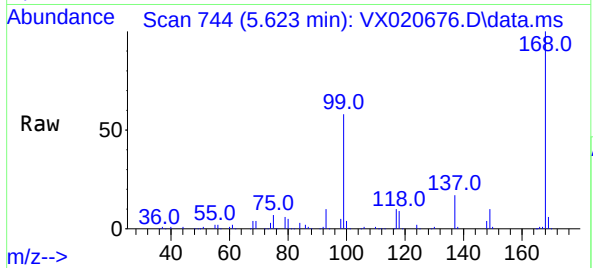
Tgt Ion: 84 Resp: 815
Ion Ratio Lower Upper
84 100
49 88.9 88.6 132.8
51 40.2 27.0 40.6
86 48.7 50.3 75.5#



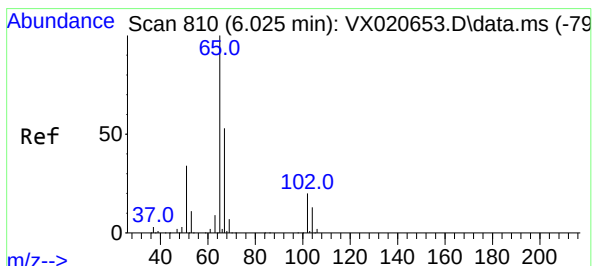
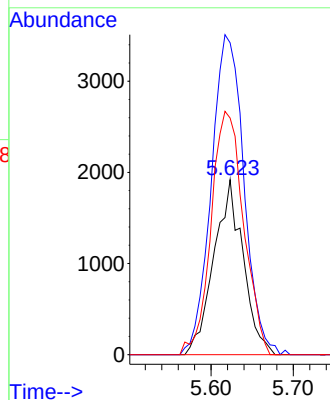
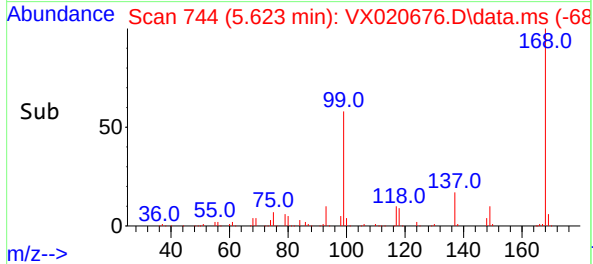


#31
Cyclohexane
Concen: 1.06 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.079 min
Lab File: VX020676.D
Acq: 20 Jan 2021 11:45

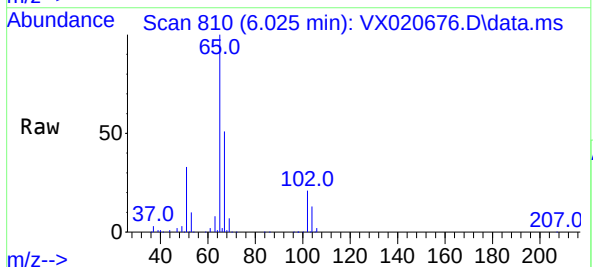
Instrument :
MSVOA_X
ClientSampleId :
VX0120MBL01



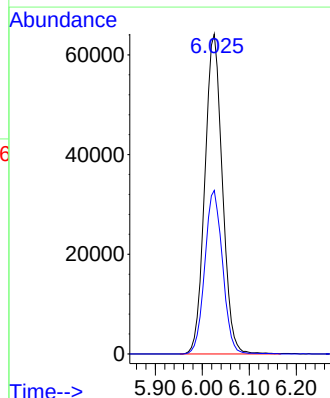
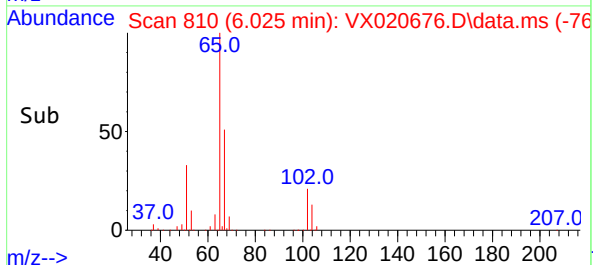
Tgt Ion: 56 Resp: 4740
Ion Ratio Lower Upper
56 100
69 178.0 25.3 37.9#
84 135.1 71.4 107.0#

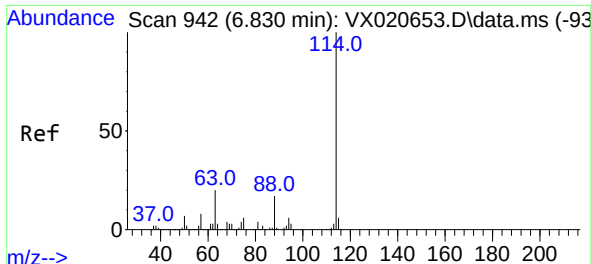


#33
1,2-Dichloroethane-d4
Concen: 48.56 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX020676.D
Acq: 20 Jan 2021 11:45



Tgt Ion: 65 Resp: 165967
Ion Ratio Lower Upper
65 100
67 51.8 0.0 105.4



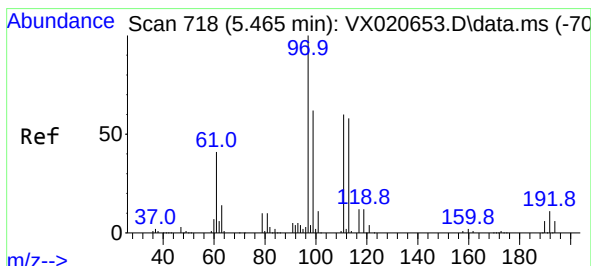
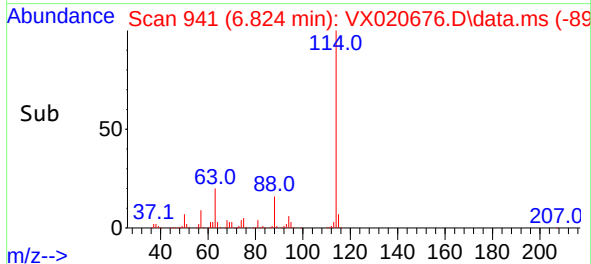
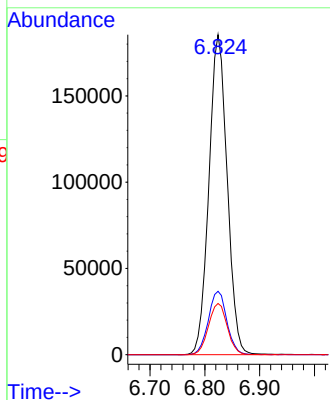
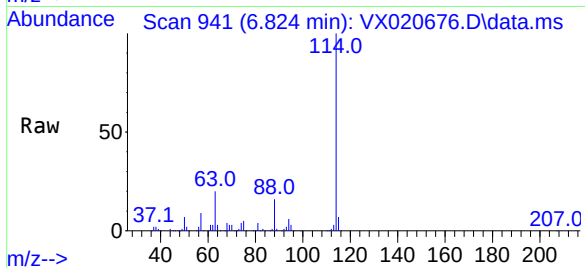


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.824 min Scan# 941
Delta R.T. -0.006 min
Lab File: VX020676.D
Acq: 20 Jan 2021 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX0120MBL01

Tgt Ion:114 Resp: 428533

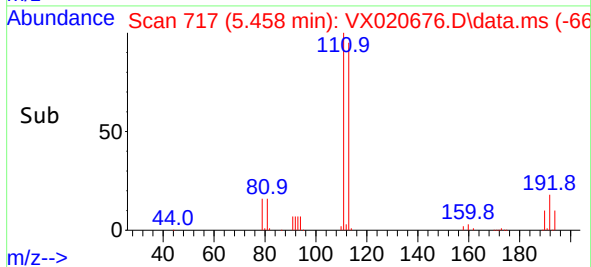
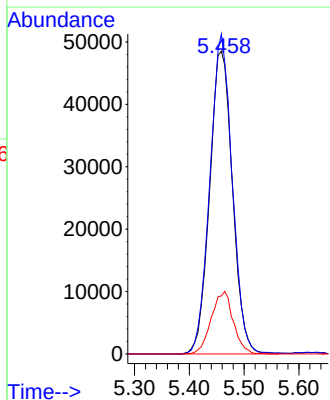
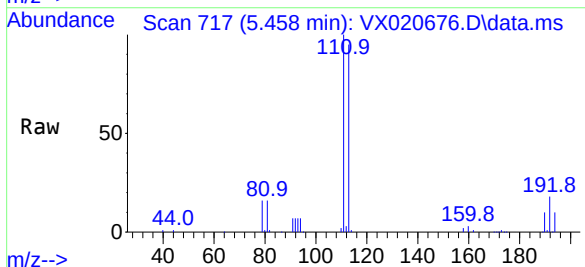
Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	40.8
88	16.0	0.0	32.8

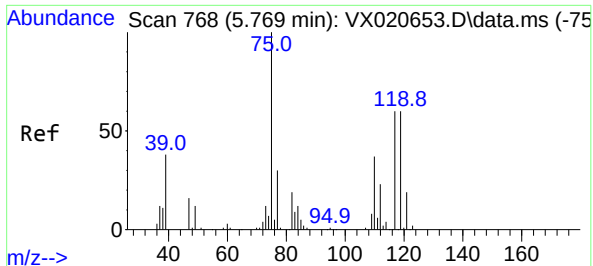


#35
Dibromofluoromethane
Concen: 47.57 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.007 min
Lab File: VX020676.D
Acq: 20 Jan 2021 11:45

Tgt Ion:113 Resp: 140449

Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.9	122.9
192	19.9	16.7	25.1

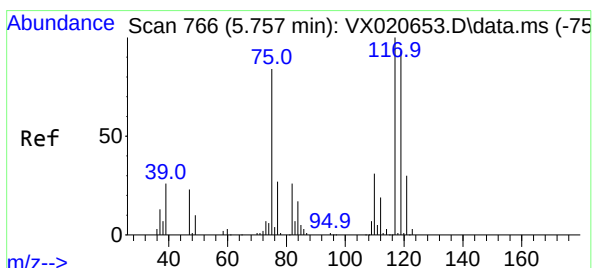
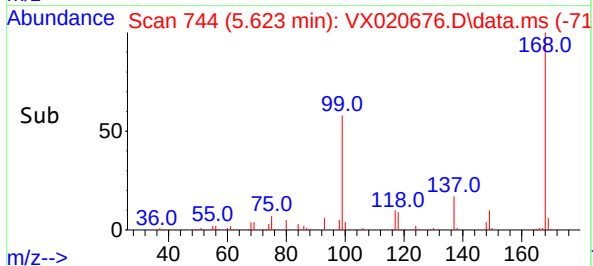
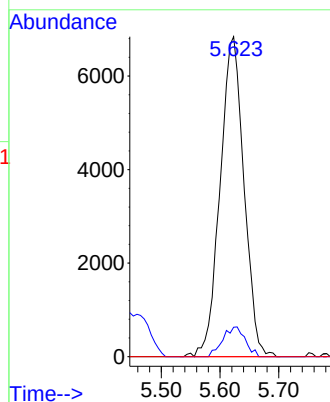
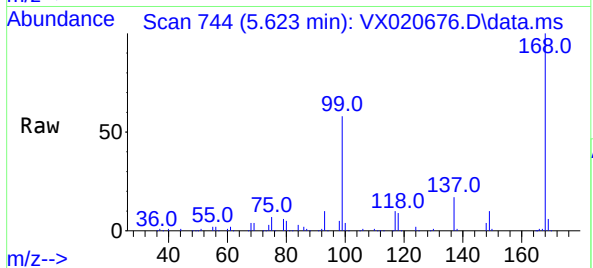




#36
1,1-Dichloropropene
Concen: 4.47 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.146 min
Lab File: VX020676.D
Acq: 20 Jan 2021 11:45

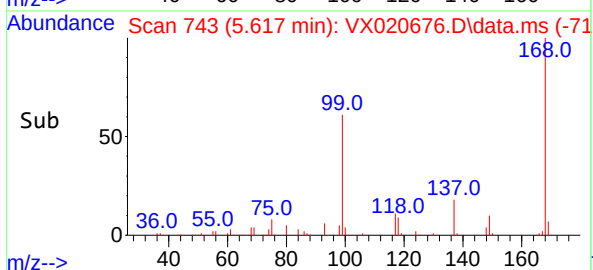
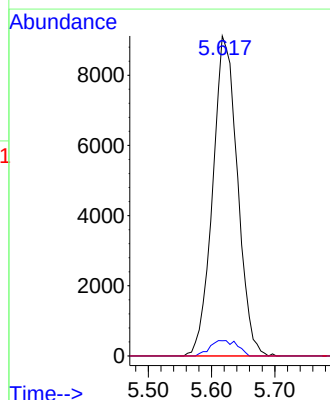
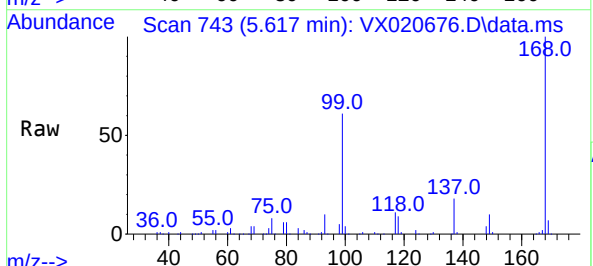
Instrument :
MSVOA_X
ClientSampleId :
VX0120MBL01

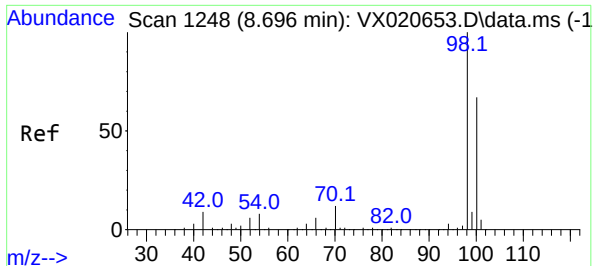
Tgt Ion: 75	Resp: 19301
Ion Ratio	Lower Upper
75 100	
110 8.8	18.1 54.4#
77 0.0	25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.37 ug/l
RT: 5.617 min Scan# 743
Delta R.T. -0.140 min
Lab File: VX020676.D
Acq: 20 Jan 2021 11:45

Tgt Ion: 117	Resp: 24770
Ion Ratio	Lower Upper
117 100	
119 4.7	76.2 114.2#
121 0.0	24.8 37.2#

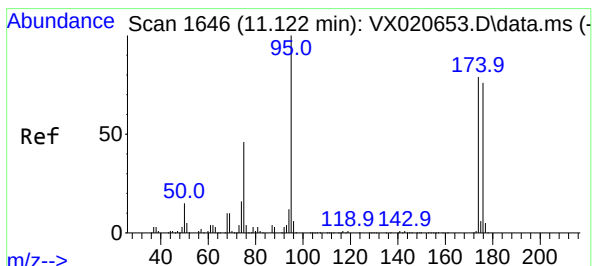
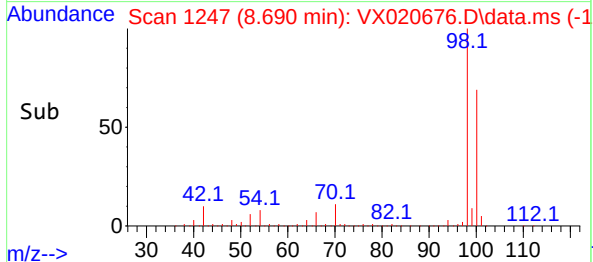
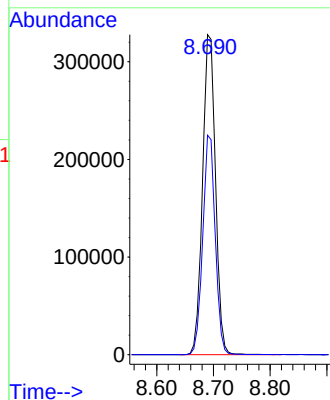
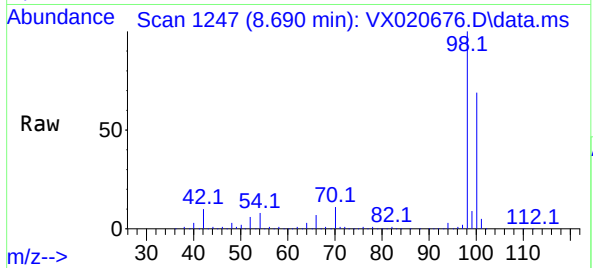




#50
Toluene-d8
Concen: 48.64 ug/l
RT: 8.690 min Scan# 1247
Delta R.T. -0.006 min
Lab File: VX020676.D
Acq: 20 Jan 2021 11:45

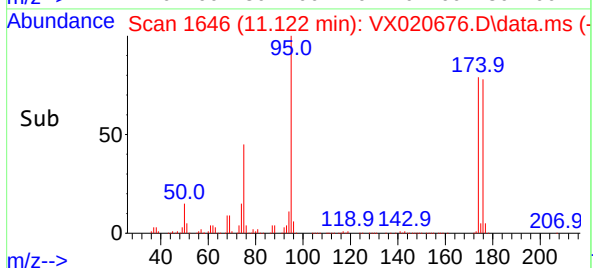
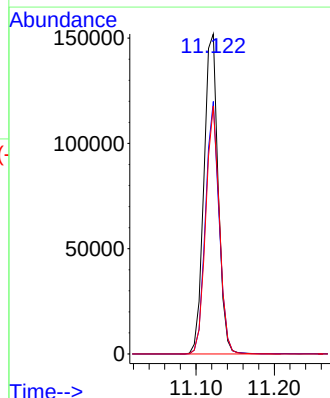
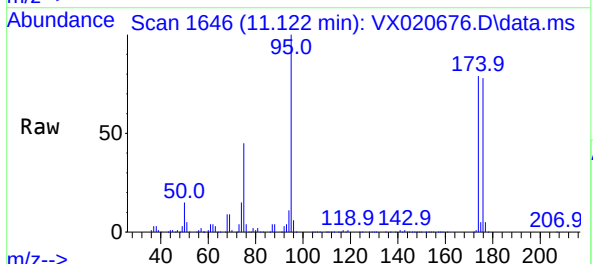
Instrument :
MSVOA_X
ClientSampleId :
VX0120MBL01

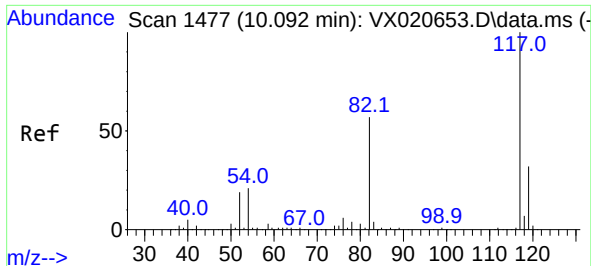
Tgt Ion: 98 Resp: 517822
Ion Ratio Lower Upper
98 100
100 66.4 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 47.62 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020676.D
Acq: 20 Jan 2021 11:45

Tgt Ion: 95 Resp: 191634
Ion Ratio Lower Upper
95 100
174 75.2 0.0 154.6
176 74.0 0.0 155.8



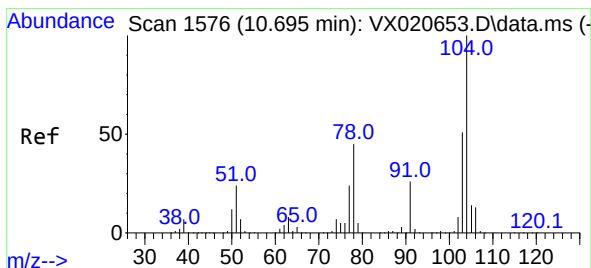
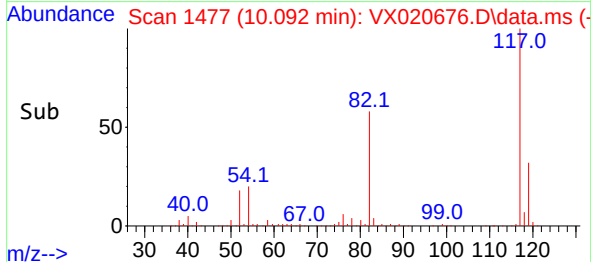
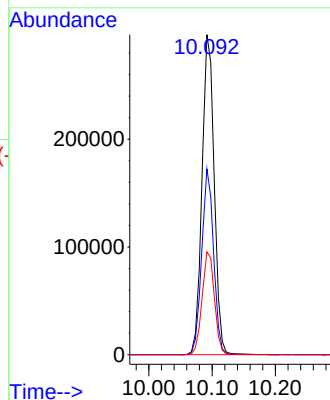
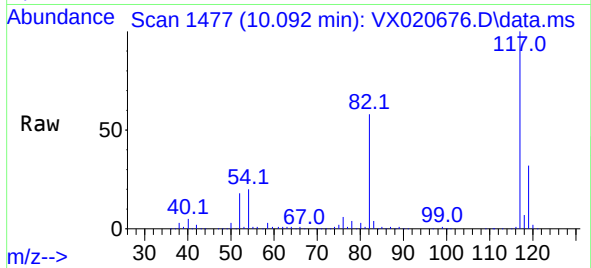


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020676.D
Acq: 20 Jan 2021 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX0120MBL01

Tgt Ion:117 Resp: 399053

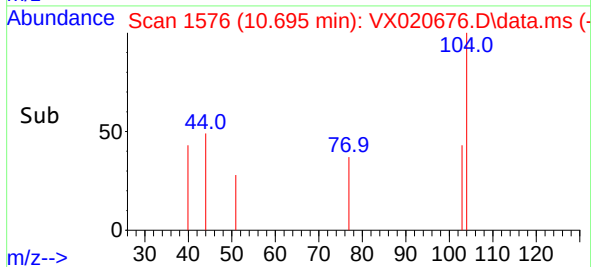
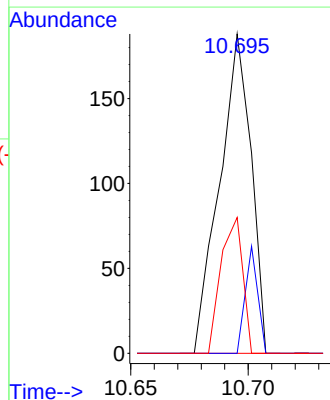
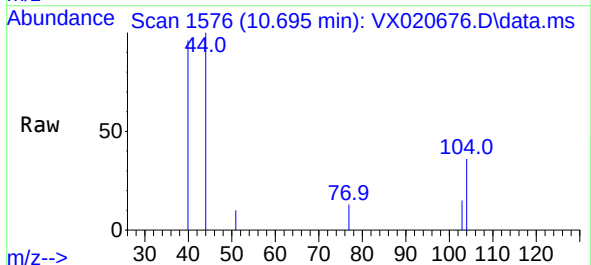
Ion	Ratio	Lower	Upper
117	100		
82	58.1	47.4	71.2
119	32.1	26.6	39.8

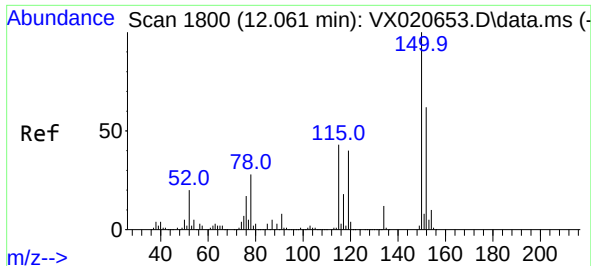


#70
Styrene
Concen: 1.44 ug/l
RT: 10.695 min Scan# 1576
Delta R.T. 0.000 min
Lab File: VX020676.D
Acq: 20 Jan 2021 11:45

Tgt Ion:104 Resp: 175

Ion	Ratio	Lower	Upper
104	100		
78	13.1	40.0	60.0#
103	29.7	43.4	65.0#

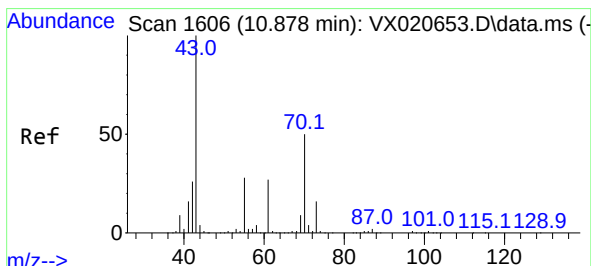
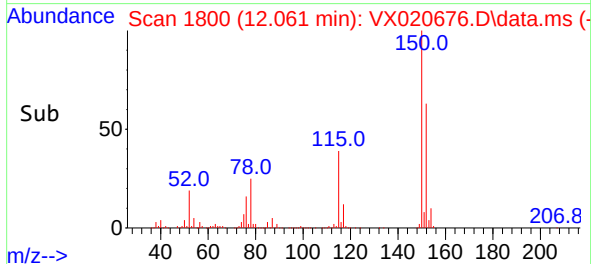
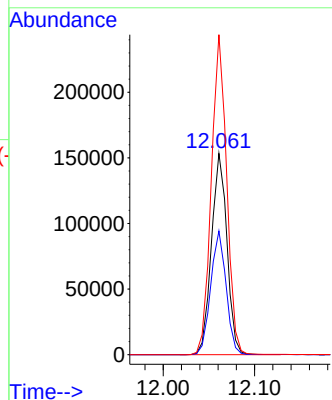
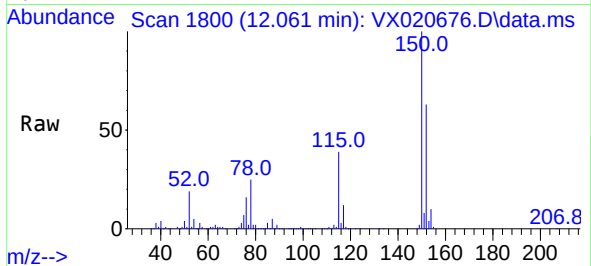




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020676.D
Acq: 20 Jan 2021 11:45

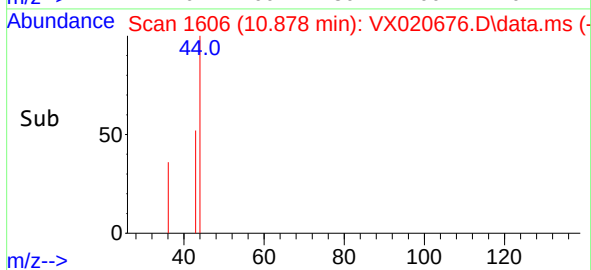
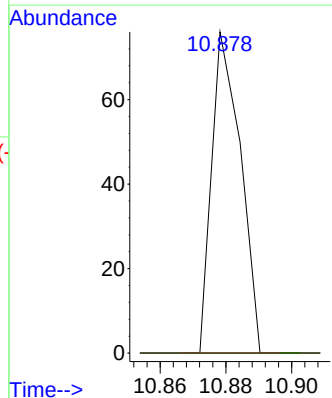
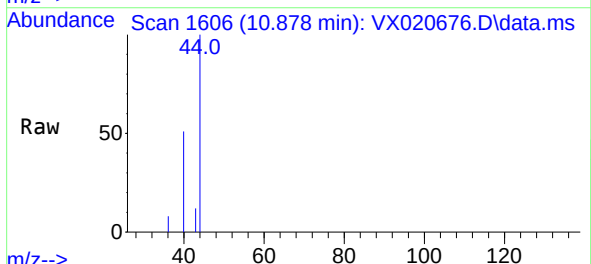
Instrument :
MSVOA_X
ClientSampleId :
VX0120MBL01

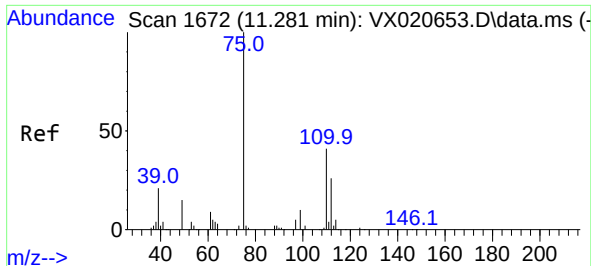
Tgt Ion:152 Resp: 180463
Ion Ratio Lower Upper
152 100
115 60.9 41.1 123.3
150 157.2 0.0 349.0



#74
N-ethyl acetate
Concen: 1.95 ug/l
RT: 10.878 min Scan# 1606
Delta R.T. 0.000 min
Lab File: VX020676.D
Acq: 20 Jan 2021 11:45

Tgt Ion: 43 Resp: 46
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#

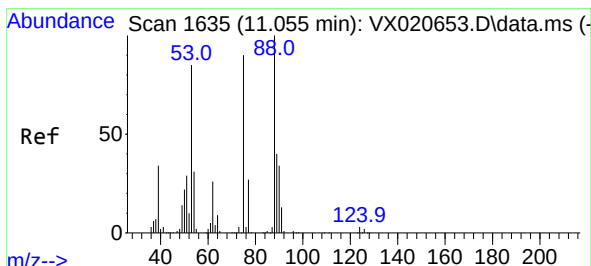
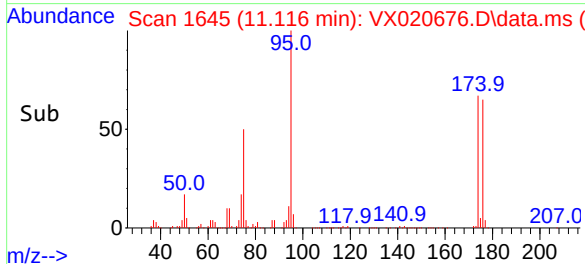
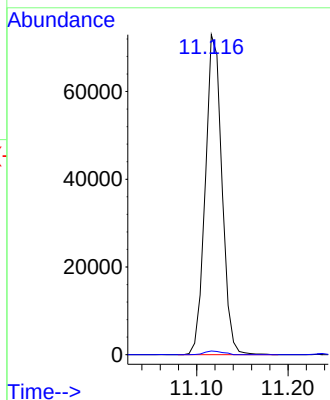
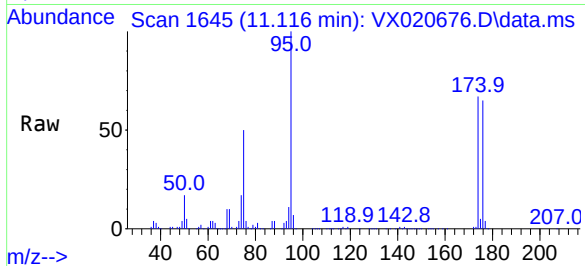




#76
1,2,3-Trichloropropane
Concen: 21.22 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.165 min
Lab File: VX020676.D
Acq: 20 Jan 2021 11:45

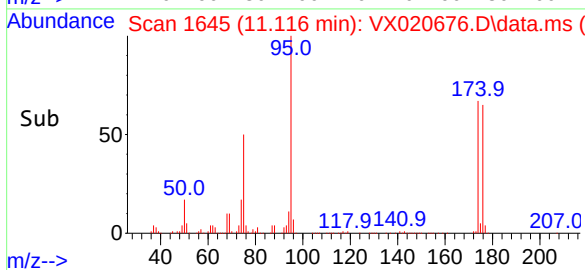
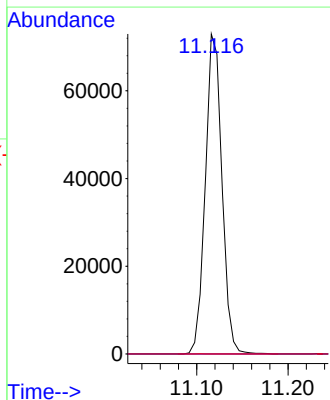
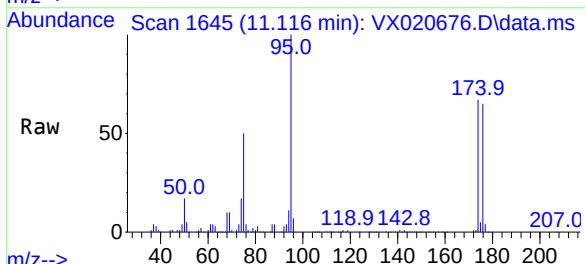
Instrument :
MSVOA_X
ClientSampleId :
VX0120MBL01

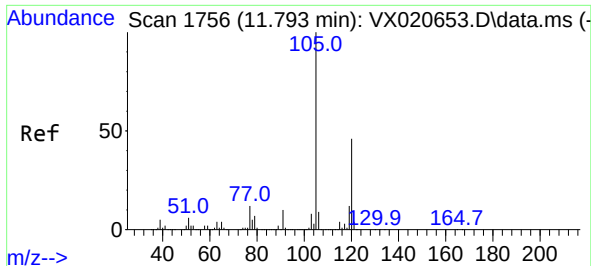
Tgt Ion: 75 Resp: 91901
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.38 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. 0.061 min
Lab File: VX020676.D
Acq: 20 Jan 2021 11:45

Tgt Ion: 75 Resp: 91901
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

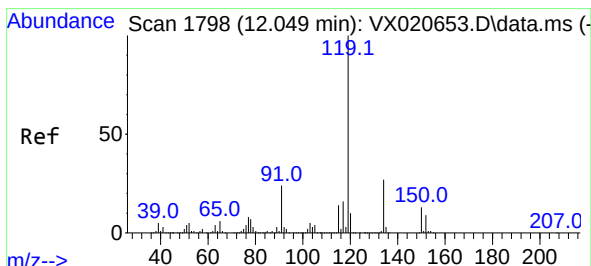
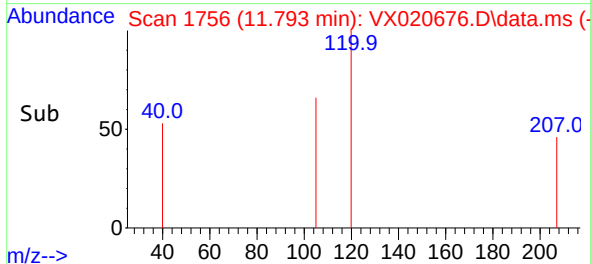
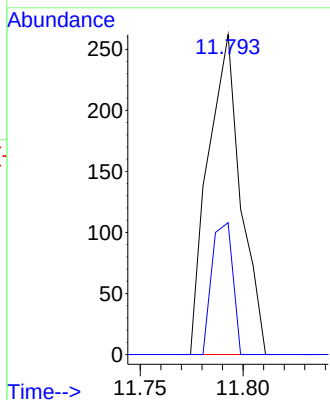
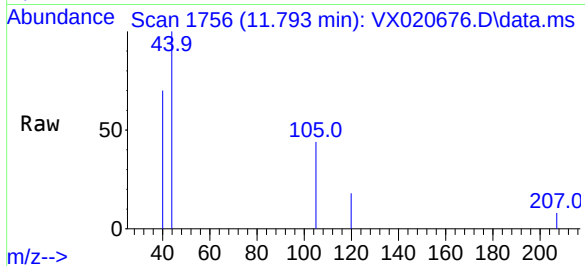




#84
1,2,4-Trimethylbenzene
Concen: 0.42 ug/l
RT: 11.793 min Scan# 1756
Delta R.T. -0.000 min
Lab File: VX020676.D
Acq: 20 Jan 2021 11:45

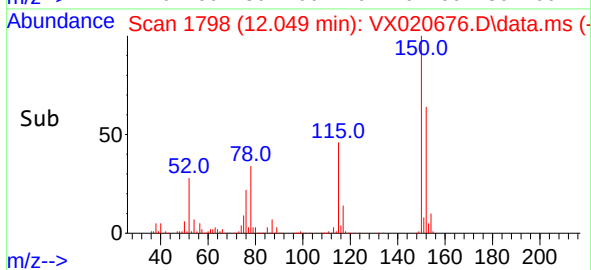
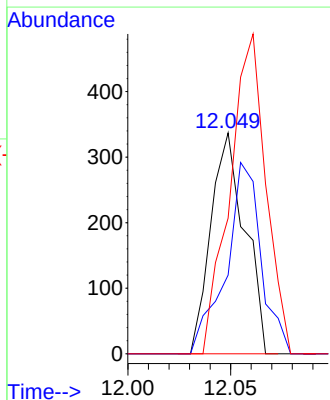
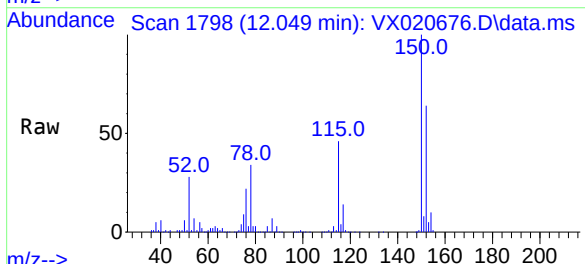
Instrument :
MSVOA_X
ClientSampleId :
VX0120MBL01

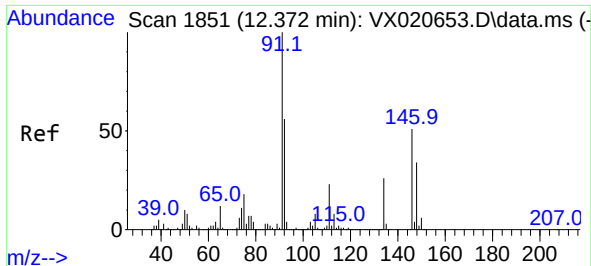
Tgt Ion:105 Resp: 289
Ion Ratio Lower Upper
105 100
120 26.3 22.4 67.3



#86
p-Isopropyltoluene
Concen: 0.91 ug/l
RT: 12.049 min Scan# 1798
Delta R.T. -0.000 min
Lab File: VX020676.D
Acq: 20 Jan 2021 11:45

Tgt Ion:119 Resp: 388
Ion Ratio Lower Upper
119 100
134 88.9 12.9 38.7#
91 153.1 11.7 35.0#

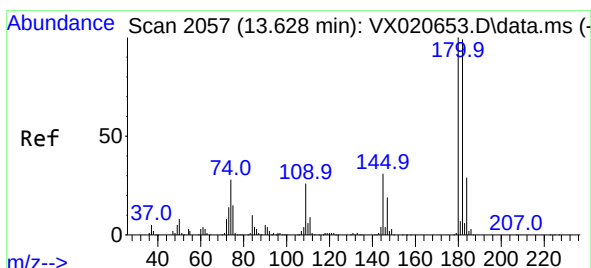
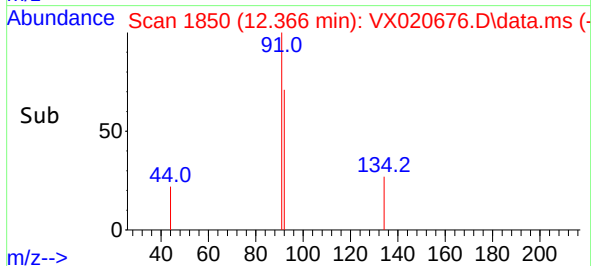
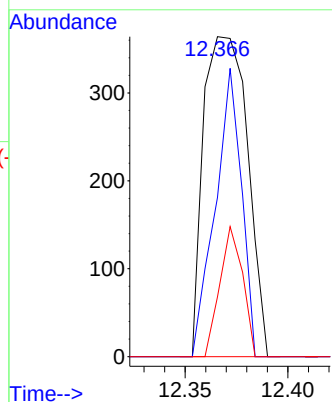
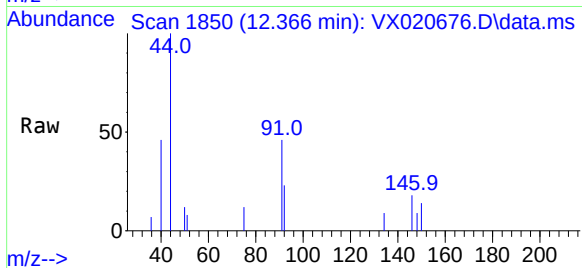




#89
n-Butylbenzene
Concen: 1.48 ug/l
RT: 12.366 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VX020676.D
Acq: 20 Jan 2021 11:45

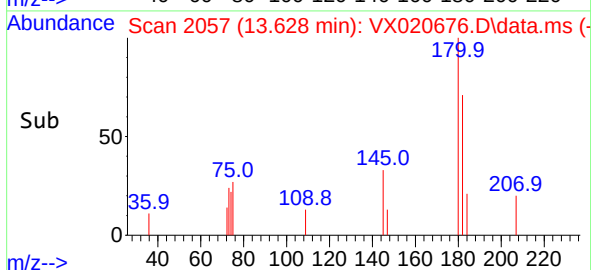
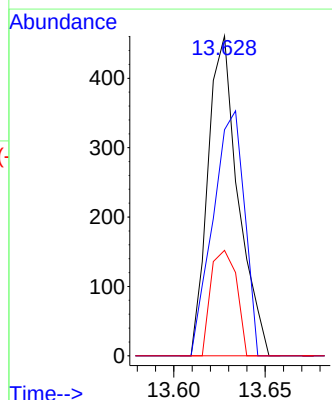
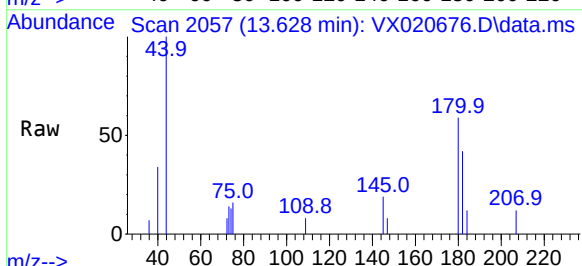
Instrument :
MSVOA_X
ClientSampleId :
VX0120MBL01

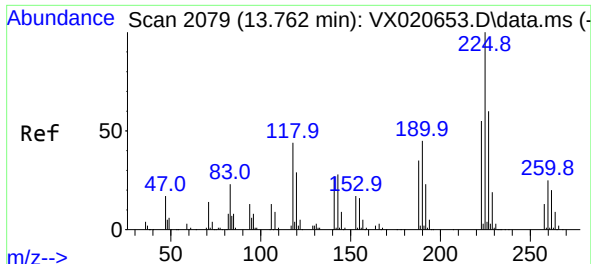
Tgt Ion: 91	Resp:	541
Ion	Ratio	Lower Upper
91	100	
92	53.6	27.4 82.0
134	21.1	13.2 39.5



#93
1,2,4-Trichlorobenzene
Concen: 2.36 ug/l
RT: 13.628 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VX020676.D
Acq: 20 Jan 2021 11:45

Tgt Ion: 180	Resp:	531
Ion	Ratio	Lower Upper
180	100	
182	79.8	47.7 143.1
145	28.1	15.0 45.0

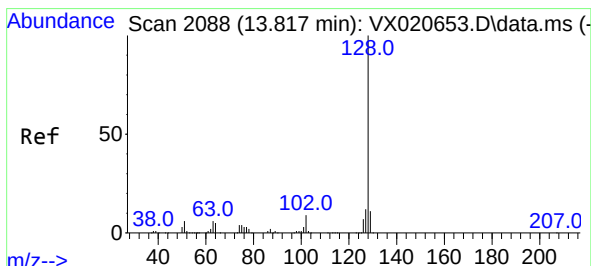
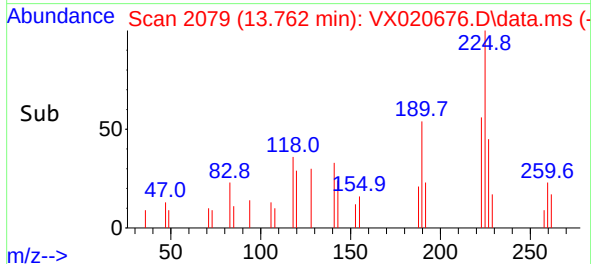
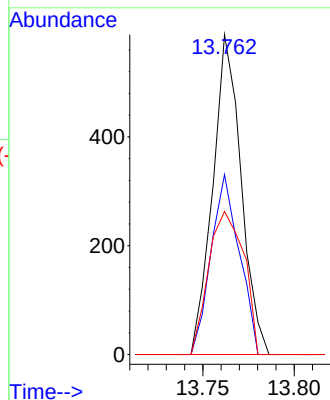
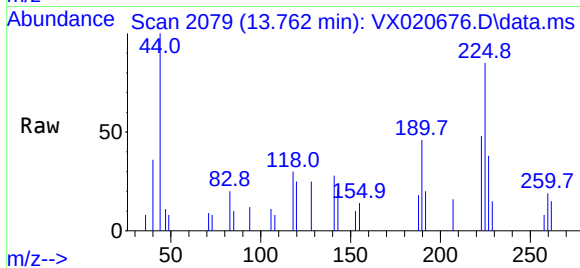




#94
Hexachlorobutadiene
Concen: 0.36 ug/l
RT: 13.762 min Scan# 2079
Delta R.T. -0.000 min
Lab File: VX020676.D
Acq: 20 Jan 2021 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX0120MBL01

Tgt Ion:	225	Resp:	635
Ion	Ratio	Lower	Upper
225	100		
223	56.1	31.1	93.2
227	55.6	31.6	95.0



#95
Naphthalene
Concen: 2.01 ug/l
RT: 13.817 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VX020676.D
Acq: 20 Jan 2021 11:45

Tgt Ion:	128	Resp:	925
Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.3	15.5
129	6.5	8.8	13.2#

