

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011421\
 Data File : VX020610.D
 Acq On : 14 Jan 2021 14:17
 Operator : JC/MD
 Sample : M1143-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 210113010-02-VOA

Quant Time: Jan 19 18:56:16 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X011121W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 11:27:29 2021
 Response via : Initial Calibration

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

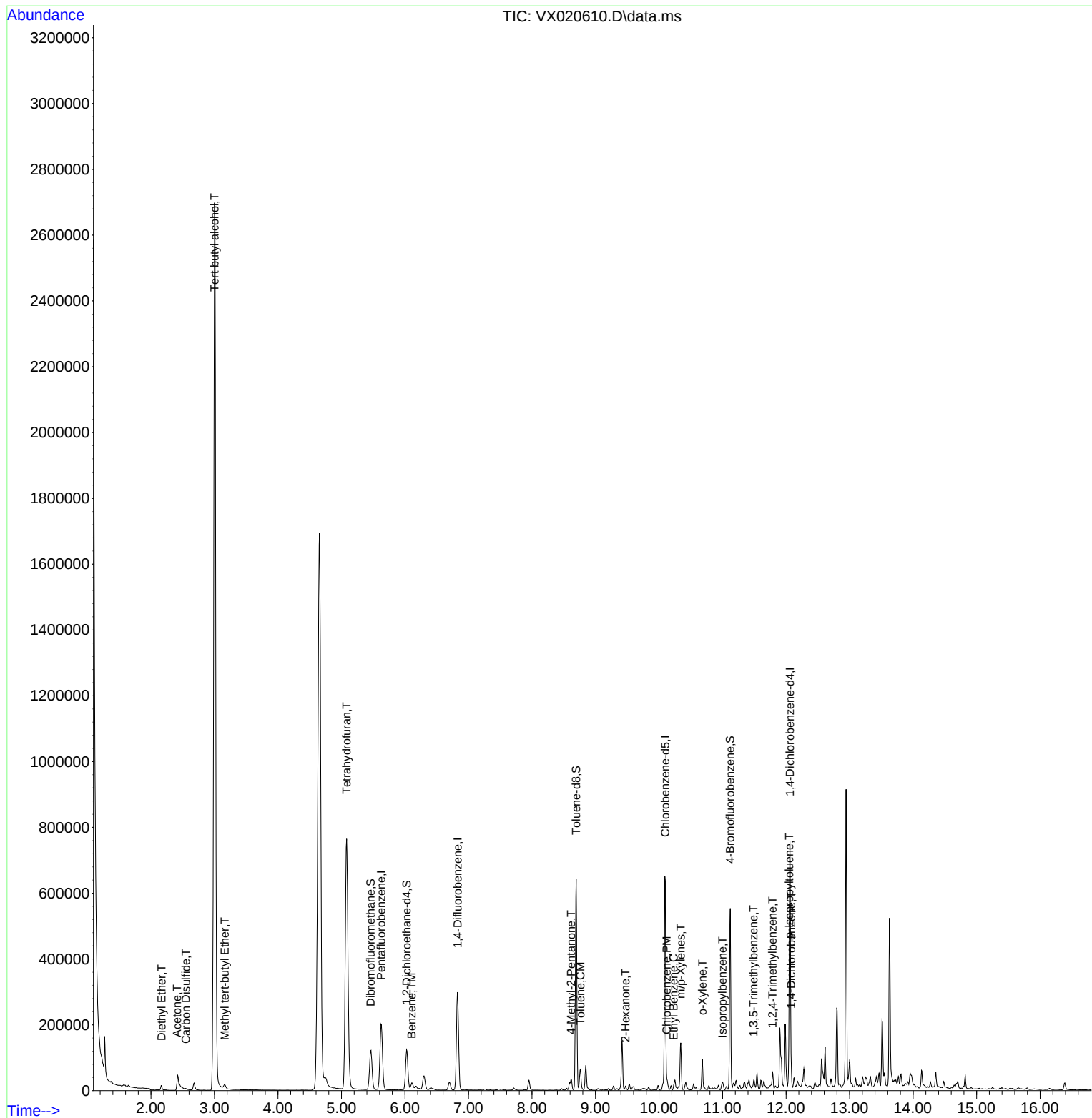
Internal Standards						
1) Pentafluorobenzene	5.623	168	197201	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	318837	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	306742	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	155035	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	117323	49.53	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.06%
35) Dibromofluoromethane	5.458	113	103262	46.74	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.48%
50) Toluene-d8	8.695	98	391871	49.57	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.14%
62) 4-Bromofluorobenzene	11.122	95	145512	52.13	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	104.26%
Target Compounds						
					Qvalue	
8) Diethyl Ether	2.166	74	4941	4.06	ug/l	92
11) Tert butyl alcohol	3.001	59	3485033	8079.11	ug/l	99
16) Acetone	2.410	43	14830	14.61	ug/l	96
17) Carbon Disulfide	2.550	76	2971	0.57	ug/l	98
19) Methyl tert-butyl Ether	3.160	73	13282	2.17	ug/l	100
29) Tetrahydrofuran	5.080	42	663963	851.49	ug/l	95
40) Benzene	6.104	78	26719	3.05	ug/l	99
51) 4-Methyl-2-Pentanone	8.616	43	23551	9.26	ug/l #	83
52) Toluene	8.763	92	19398	3.48	ug/l	98
59) 2-Hexanone	9.470	43	4649	2.44	ug/l	95
65) Chlorobenzene	10.122	112	5137	0.80	ug/l #	77
67) Ethyl Benzene	10.232	91	8663	0.82	ug/l	94
68) m/p-Xylenes	10.342	106	31473	7.68	ug/l	97
69) o-Xylene	10.683	106	19313	5.12	ug/l	96
73) Isopropylbenzene	11.000	105	8047	0.77	ug/l	100
80) 1,3,5-Trimethylbenzene	11.488	105	6764	0.77	ug/l	98
84) 1,2,4-Trimethylbenzene	11.786	105	20492	2.34	ug/l	94
86) p-Isopropyltoluene	12.049	119	32016	3.51	ug/l	97
88) 1,4-Dichlorobenzene	12.079	146	15099	2.88	ug/l	87

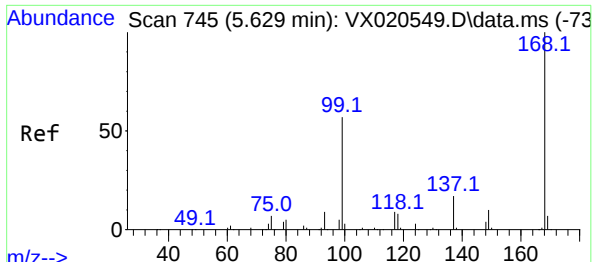
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011421\
Data File : VX020610.D
Acq On : 14 Jan 2021 14:17
Operator : JC/MD
Sample : M1143-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
210113010-02-VOA

Quant Time: Jan 19 18:56:16 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X011121W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 19 11:27:29 2021
Response via : Initial Calibration

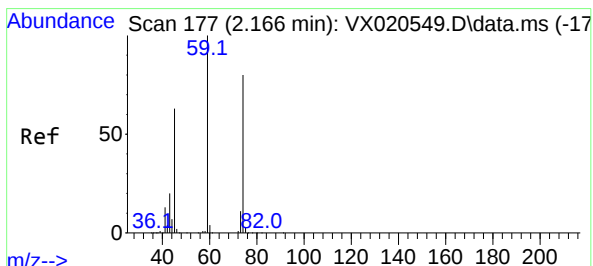
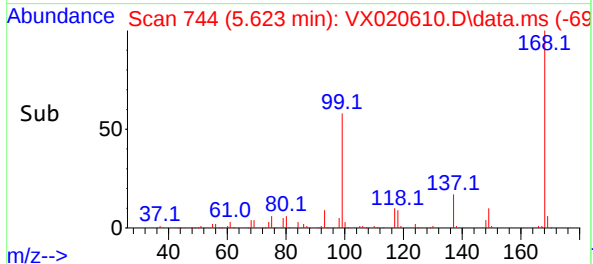
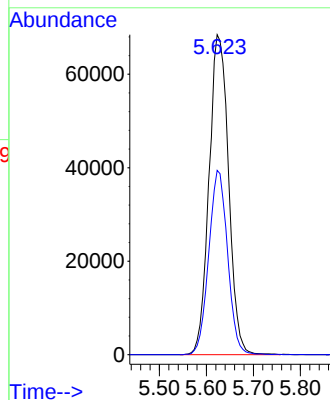
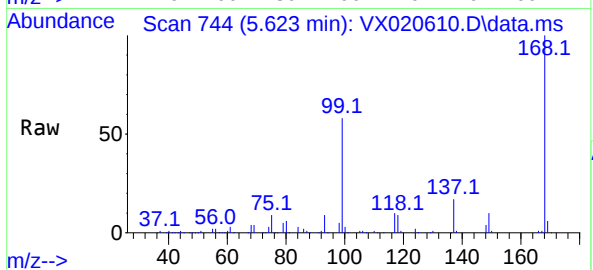




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.006 min
Lab File: VX020610.D
Acq: 14 Jan 2021 14:17

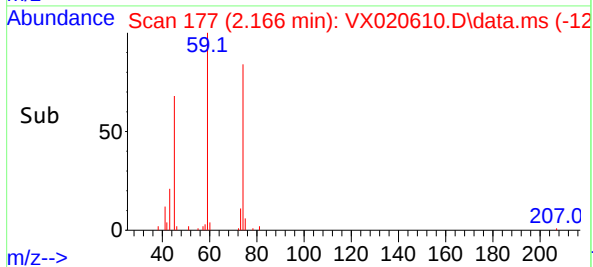
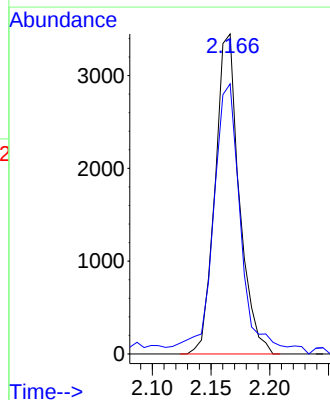
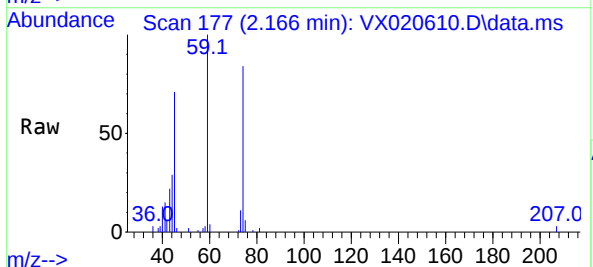
Instrument :
MSVOA_X
ClientSampleId :
210113010-02-VOA

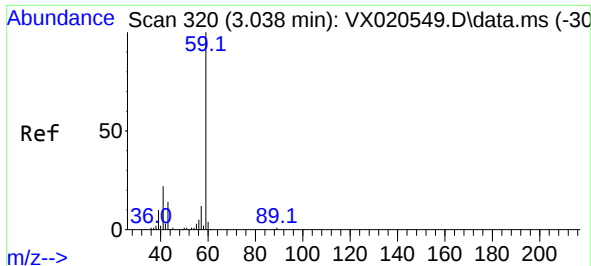
Tgt Ion:168 Resp: 197201
Ion Ratio Lower Upper
168 100
99 57.6 45.8 68.6



#8
Diethyl Ether
Concen: 4.06 ug/l
RT: 2.166 min Scan# 177
Delta R.T. 0.000 min
Lab File: VX020610.D
Acq: 14 Jan 2021 14:17

Tgt Ion: 74 Resp: 4941
Ion Ratio Lower Upper
74 100
45 96.8 44.5 133.5



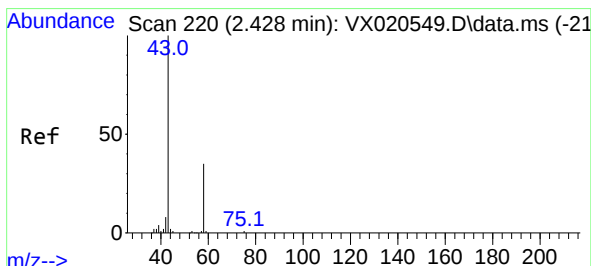
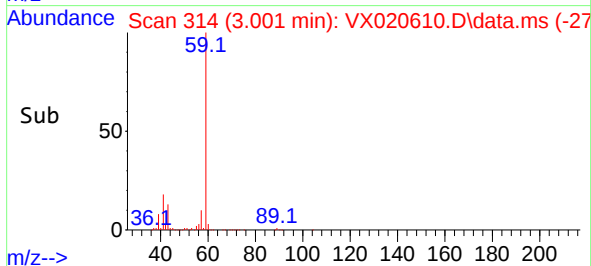
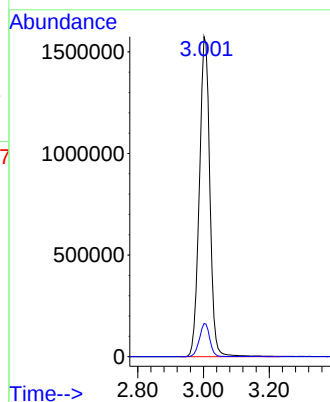
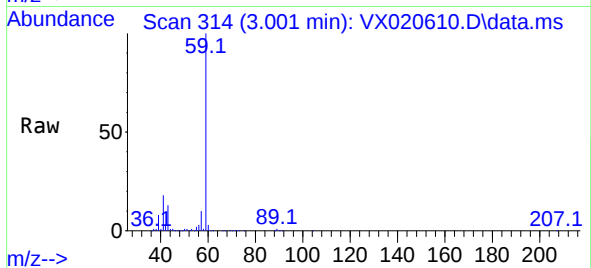


#11

Tert butyl alcohol
Concen: 8079.11 ug/l
RT: 3.001 min Scan# 314
Delta R.T. -0.037 min
Lab File: VX020610.D
Acq: 14 Jan 2021 14:17

Instrument :
MSVOA_X
ClientSampleId :
210113010-02-VOA

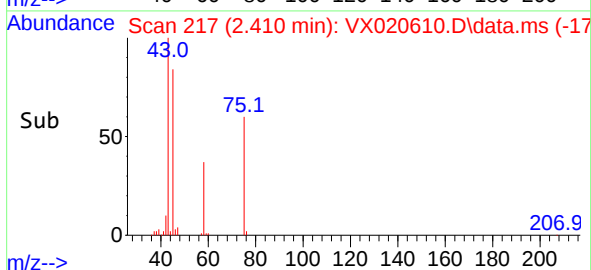
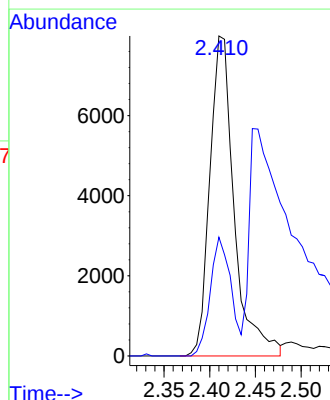
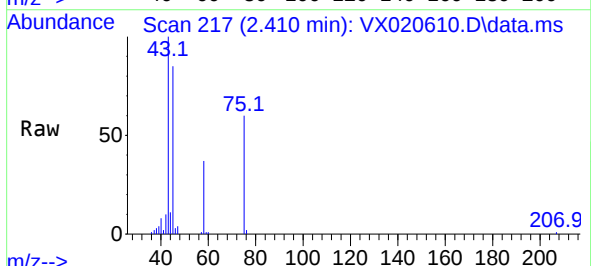
Tgt Ion: 59 Resp: 3485033
Ion Ratio Lower Upper
59 100
57 10.3 7.8 11.8

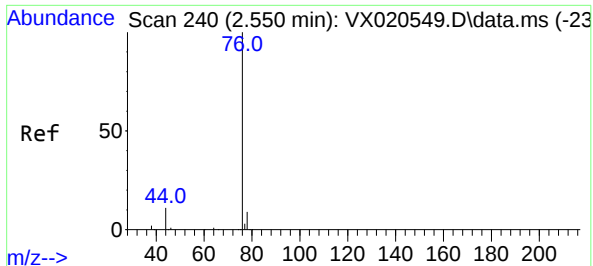


#16

Acetone
Concen: 14.61 ug/l
RT: 2.410 min Scan# 217
Delta R.T. -0.018 min
Lab File: VX020610.D
Acq: 14 Jan 2021 14:17

Tgt Ion: 43 Resp: 14830
Ion Ratio Lower Upper
43 100
58 37.1 27.8 41.8

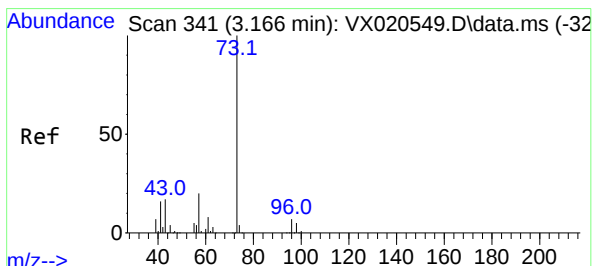
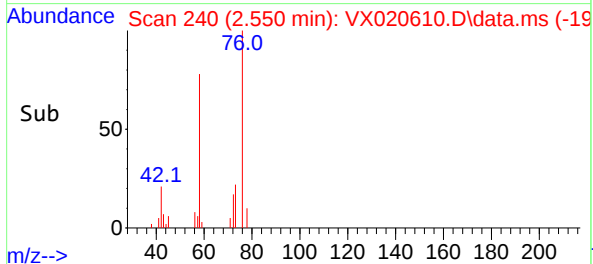
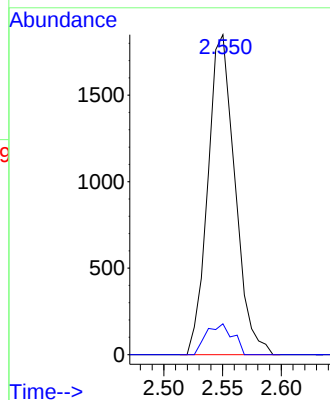
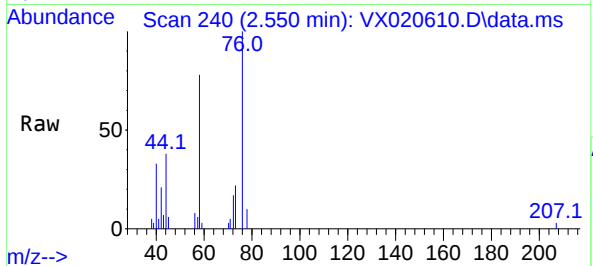




#17
Carbon Disulfide
Concen: 0.57 ug/l
RT: 2.550 min Scan# 240
Delta R.T. 0.000 min
Lab File: VX020610.D
Acq: 14 Jan 2021 14:17

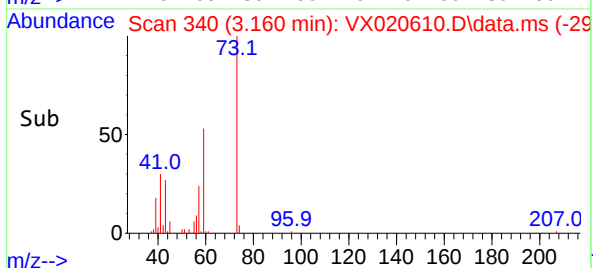
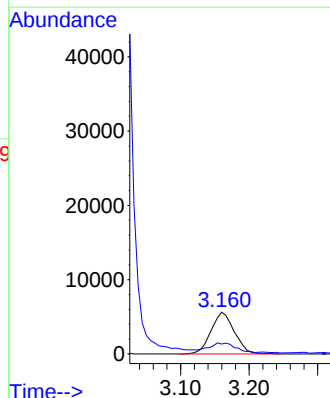
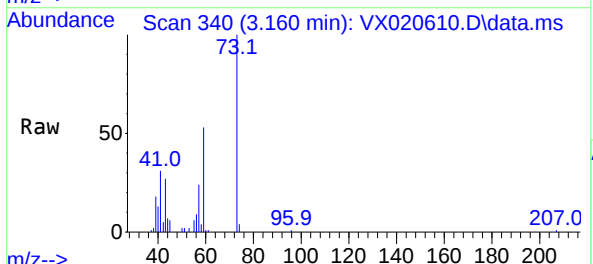
Instrument :
MSVOA_X
ClientSampleId :
210113010-02-VOA

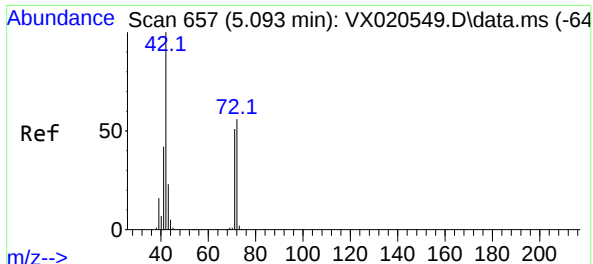
Tgt Ion: 76 Resp: 2971
Ion Ratio Lower Upper
76 100
78 9.6 7.2 10.8



#19
Methyl tert-butyl Ether
Concen: 2.17 ug/l
RT: 3.160 min Scan# 340
Delta R.T. -0.006 min
Lab File: VX020610.D
Acq: 14 Jan 2021 14:17

Tgt Ion: 73 Resp: 13282
Ion Ratio Lower Upper
73 100
57 21.4 17.1 25.7





#29

Tetrahydrofuran

Concen: 851.49 ug/l

RT: 5.080 min Scan# 655

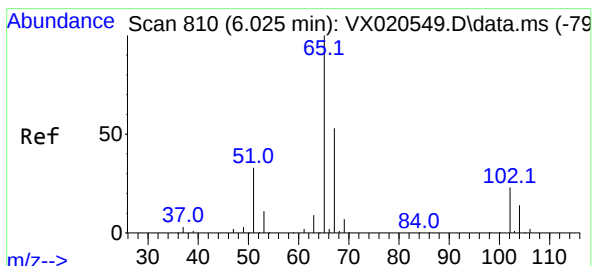
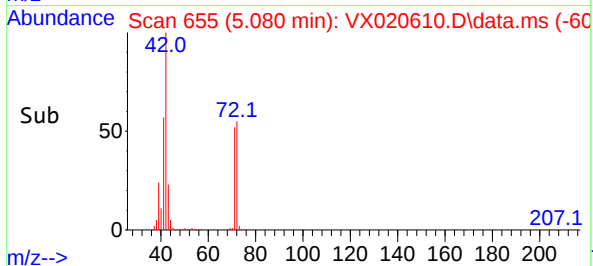
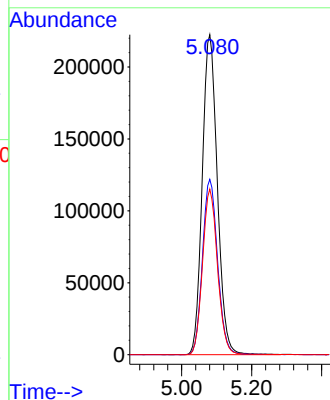
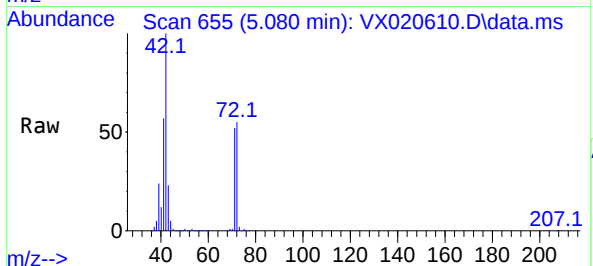
Delta R.T. -0.013 min

Lab File: VX020610.D

Acq: 14 Jan 2021 14:17

Tgt Ion: 42 Resp: 663963

Ion	Ratio	Lower	Upper
42	100		
72	55.1	41.7	62.5
71	51.3	38.4	57.6



#33

1,2-Dichloroethane-d4

Concen: 49.53 ug/l

RT: 6.025 min Scan# 810

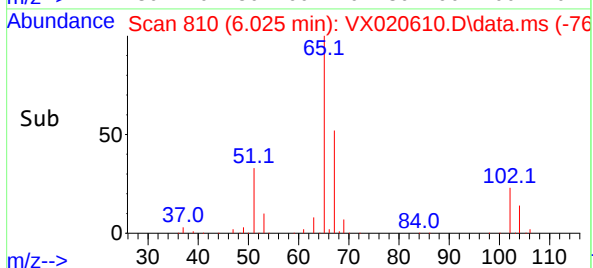
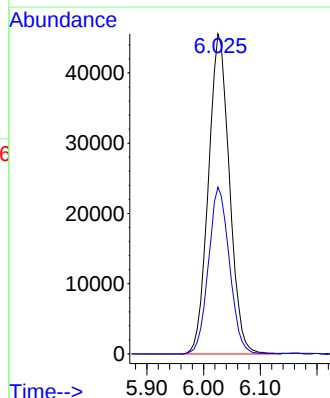
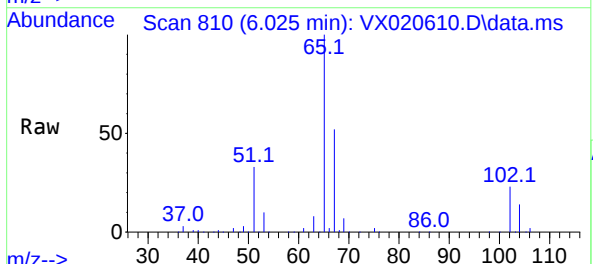
Delta R.T. 0.000 min

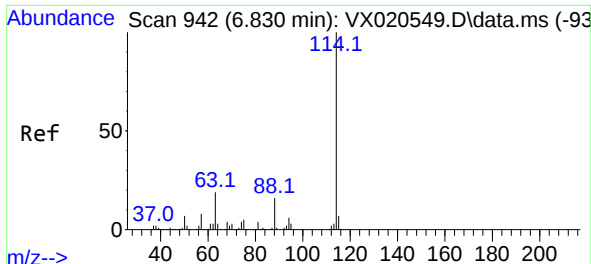
Lab File: VX020610.D

Acq: 14 Jan 2021 14:17

Tgt Ion: 65 Resp: 117323

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	105.4





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.830 min Scan# 942

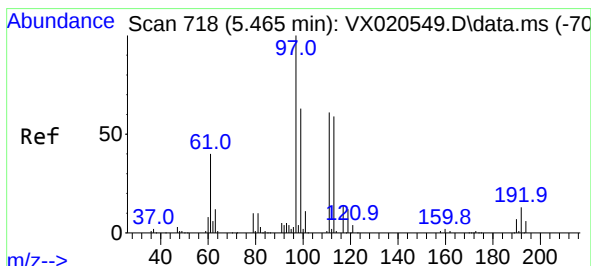
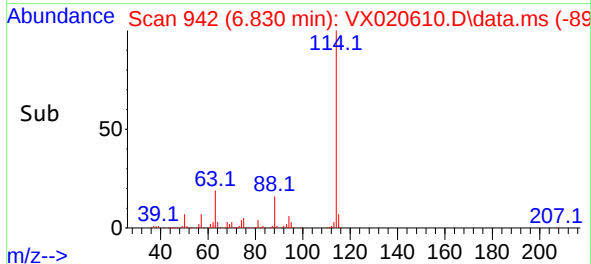
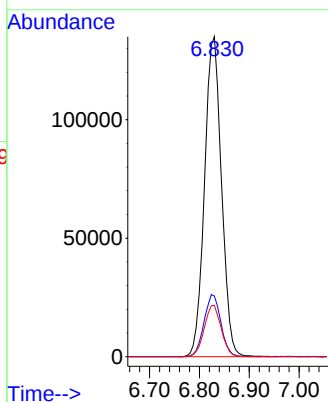
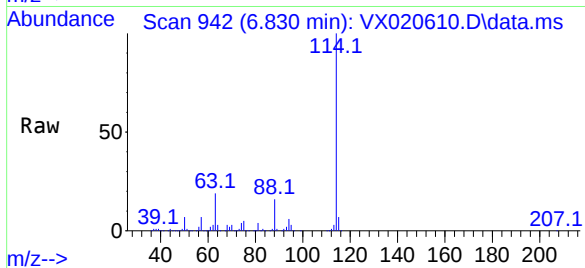
Delta R.T. -0.000 min

Lab File: VX020610.D

Acq: 14 Jan 2021 14:17

Tgt Ion:	114	Resp:	318837
Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	40.8
88	16.1	0.0	32.8

Instrument :
MSVOA_X
ClientSampleId :
210113010-02-VOA



#35

Dibromofluoromethane

Concen: 46.74 ug/l

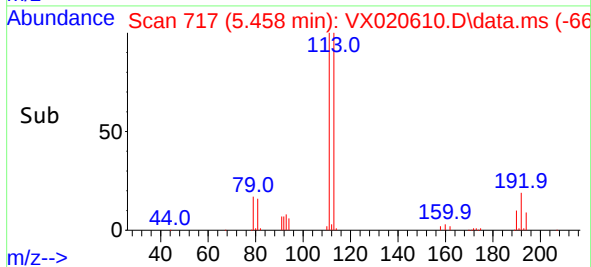
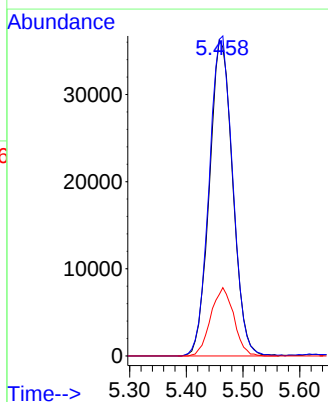
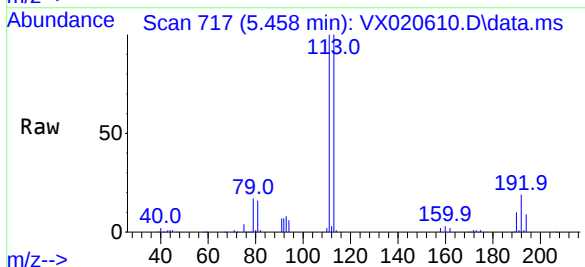
RT: 5.458 min Scan# 717

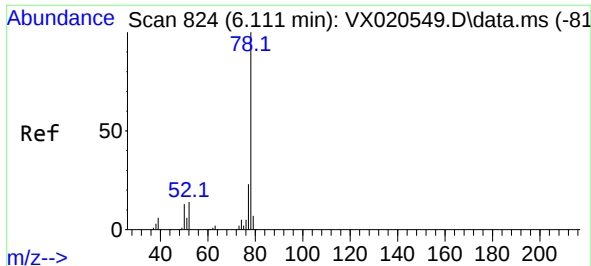
Delta R.T. -0.007 min

Lab File: VX020610.D

Acq: 14 Jan 2021 14:17

Tgt Ion:	113	Resp:	103262
Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.9	122.9
192	21.4	16.7	25.1

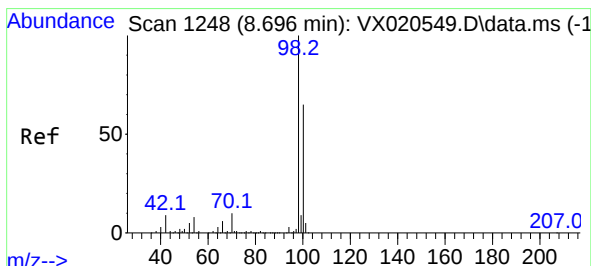
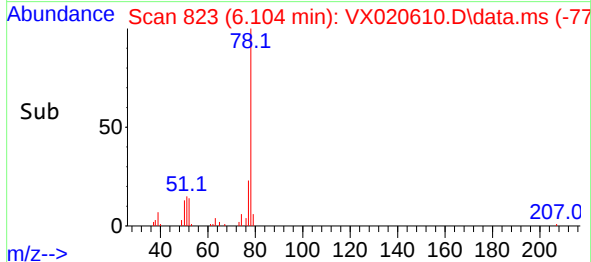
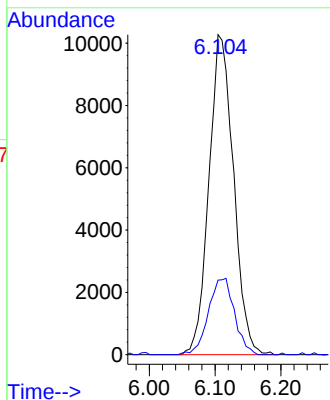
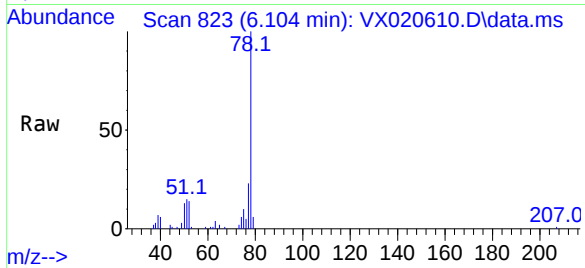




#40
Benzene
Concen: 3.05 ug/l
RT: 6.104 min Scan# 823
Delta R.T. -0.007 min
Lab File: VX020610.D
Acq: 14 Jan 2021 14:17

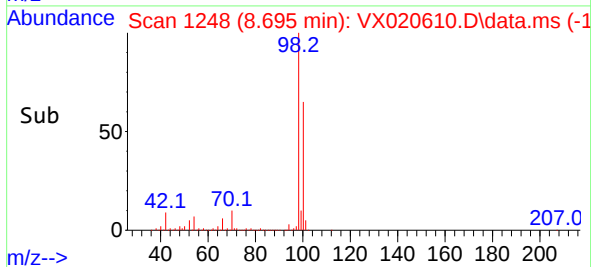
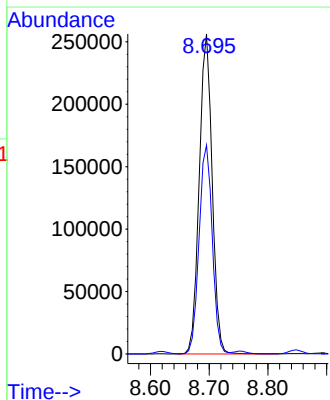
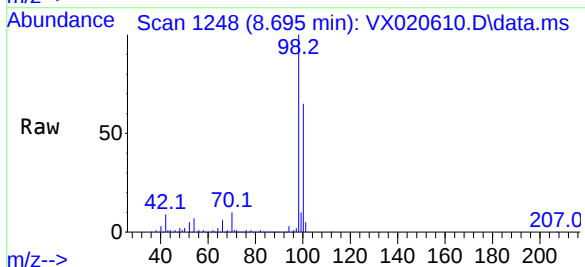
Instrument :
MSVOA_X
ClientSampleId :
210113010-02-VOA

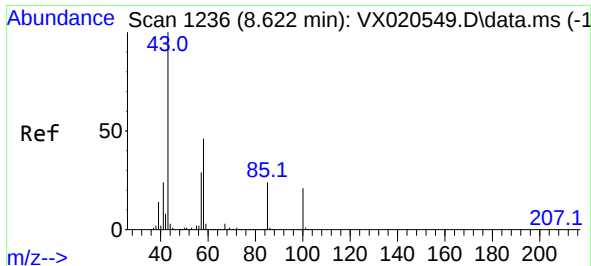
Tgt Ion: 78 Resp: 26719
Ion Ratio Lower Upper
78 100
77 23.3 18.9 28.3



#50
Toluene-d8
Concen: 49.57 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. -0.001 min
Lab File: VX020610.D
Acq: 14 Jan 2021 14:17

Tgt Ion: 98 Resp: 391871
Ion Ratio Lower Upper
98 100
100 66.5 51.9 77.9

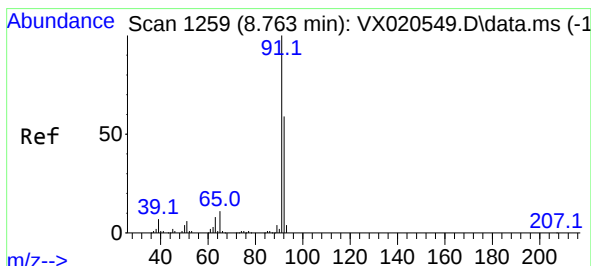
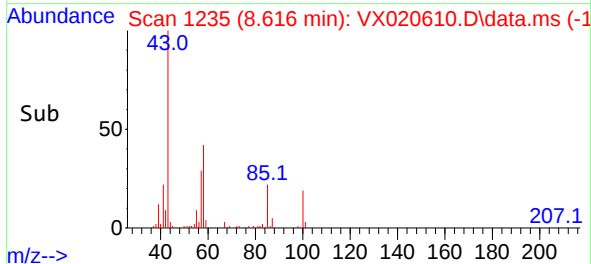
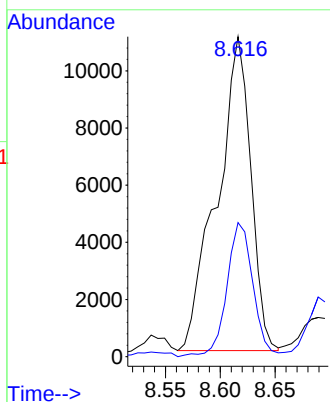
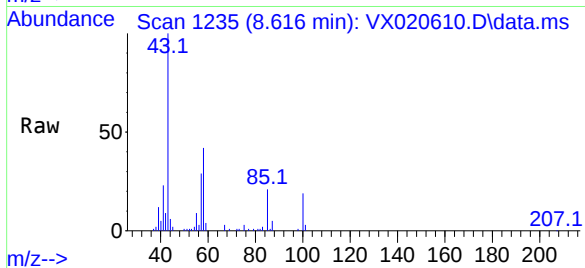




#51
4-Methyl-2-Pentanone
Concen: 9.26 ug/l
RT: 8.616 min Scan# 1235
Delta R.T. -0.006 min
Lab File: VX020610.D
Acq: 14 Jan 2021 14:17

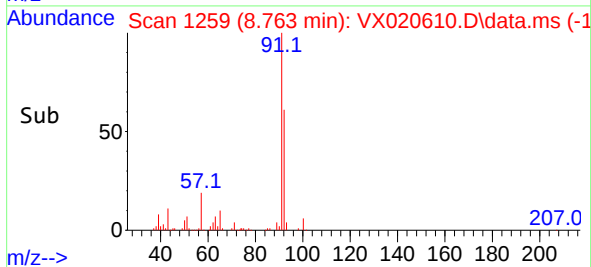
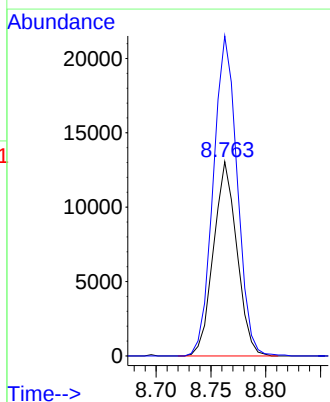
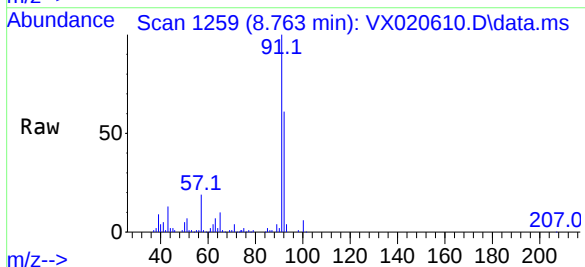
Instrument :
MSVOA_X
ClientSampleId :
210113010-02-VOA

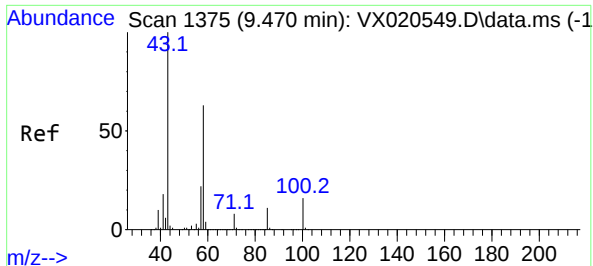
Tgt Ion: 43 Resp: 23551
Ion Ratio Lower Upper
43 100
58 32.9 35.4 53.0#



#52
Toluene
Concen: 3.48 ug/l
RT: 8.763 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VX020610.D
Acq: 14 Jan 2021 14:17

Tgt Ion: 92 Resp: 19398
Ion Ratio Lower Upper
92 100
91 168.7 137.1 205.7

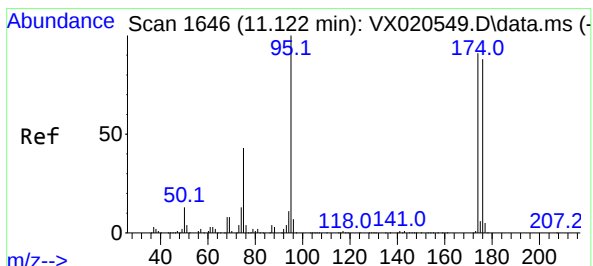
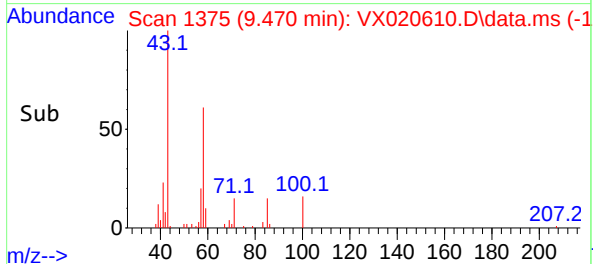
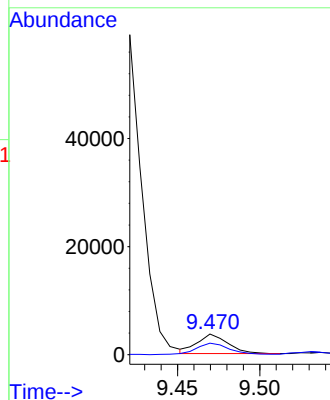
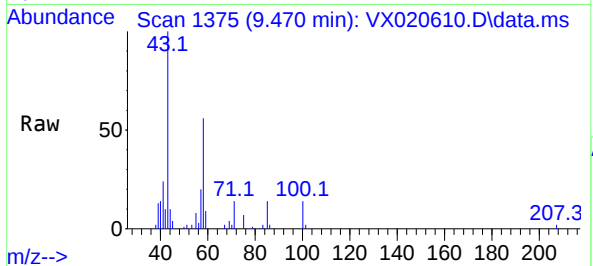




#59
2-Hexanone
Concen: 2.44 ug/l
RT: 9.470 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VX020610.D
Acq: 14 Jan 2021 14:17

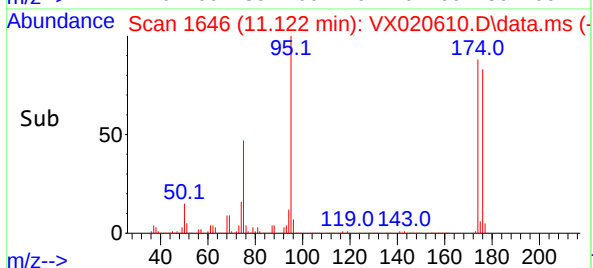
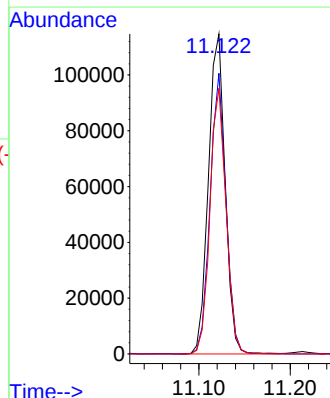
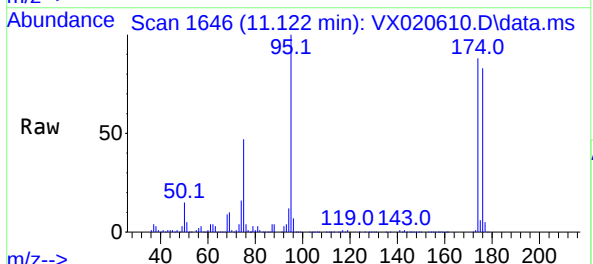
Instrument :
MSVOA_X
ClientSampleId :
210113010-02-VOA

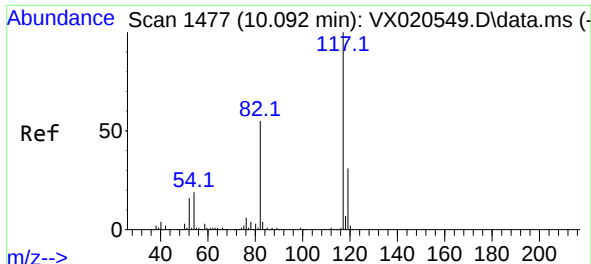
Tgt Ion: 43 Resp: 4649
Ion Ratio Lower Upper
43 100
58 65.5 30.9 92.8



#62
4-Bromofluorobenzene
Concen: 52.13 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020610.D
Acq: 14 Jan 2021 14:17

Tgt Ion: 95 Resp: 145512
Ion Ratio Lower Upper
95 100
174 83.2 0.0 154.6
176 79.8 0.0 155.8

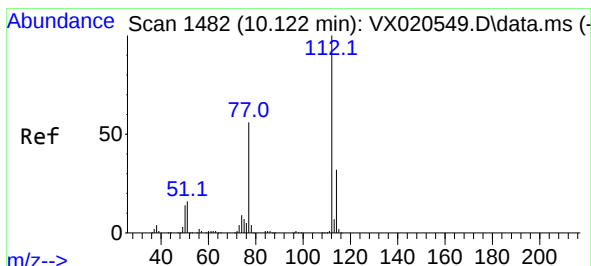
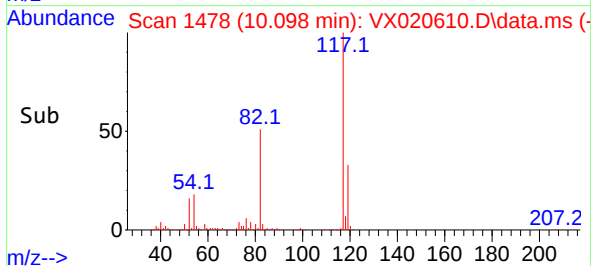
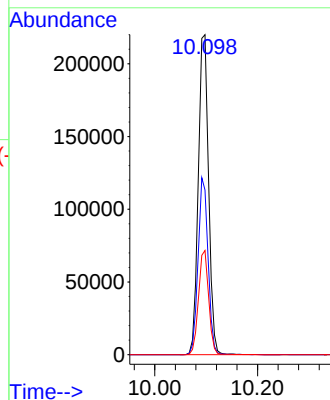
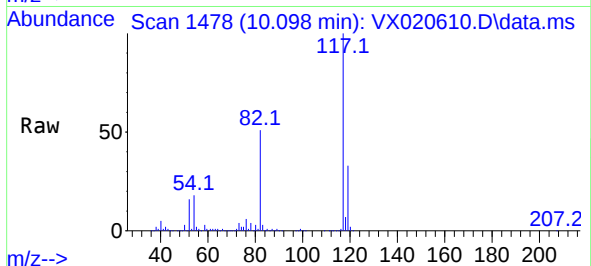




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020610.D
Acq: 14 Jan 2021 14:17

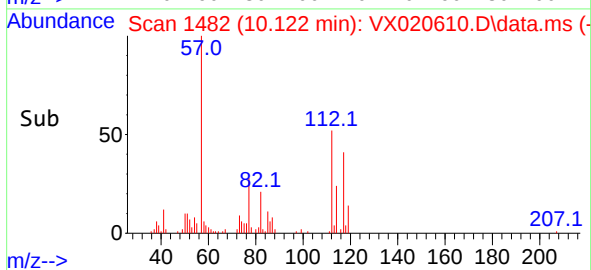
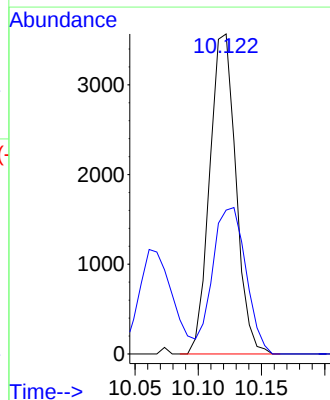
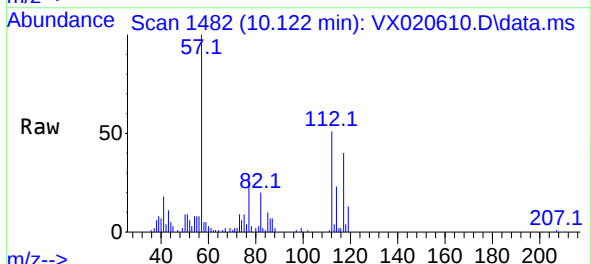
Instrument :
MSVOA_X
ClientSampleId :
210113010-02-VOA

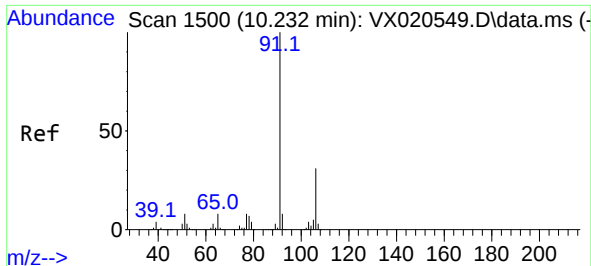
Tgt Ion:117 Resp: 306742
Ion Ratio Lower Upper
117 100
82 51.4 47.4 71.2
119 32.5 26.6 39.8



#65
Chlorobenzene
Concen: 0.80 ug/l
RT: 10.122 min Scan# 1482
Delta R.T. 0.000 min
Lab File: VX020610.D
Acq: 14 Jan 2021 14:17

Tgt Ion:112 Resp: 5137
Ion Ratio Lower Upper
112 100
114 44.9 25.8 38.6#

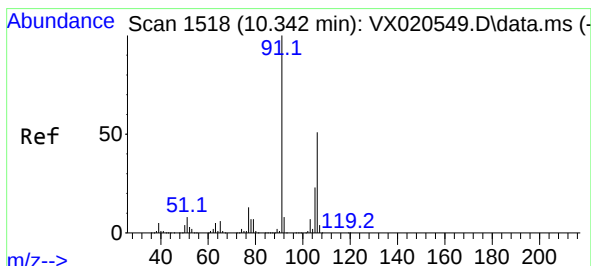
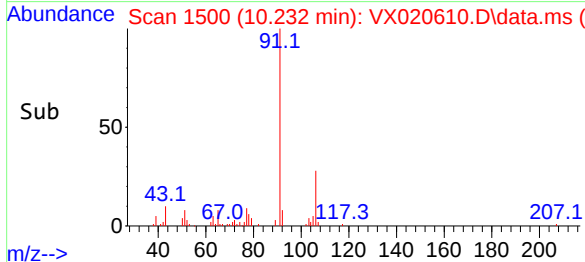
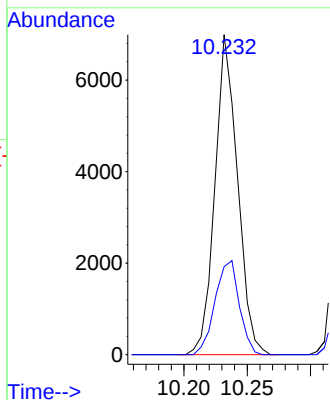
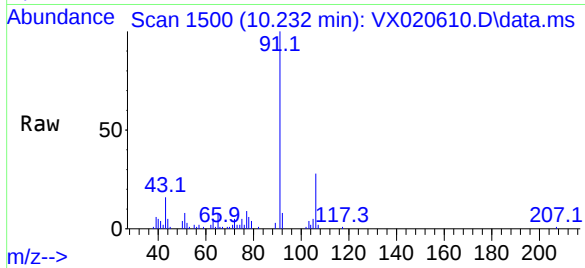




#67
Ethyl Benzene
Concen: 0.82 ug/l
RT: 10.232 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VX020610.D
Acq: 14 Jan 2021 14:17

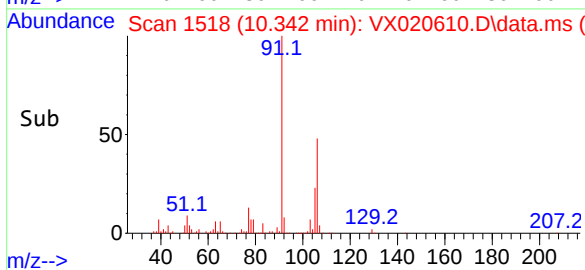
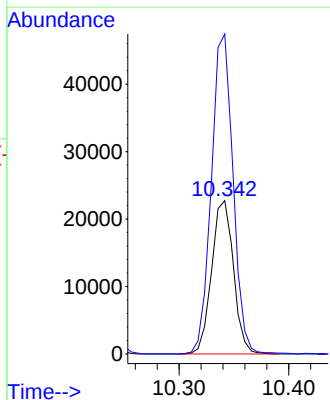
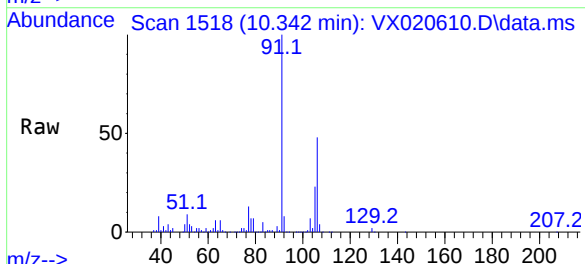
Instrument :
MSVOA_X
ClientSampleId :
210113010-02-VOA

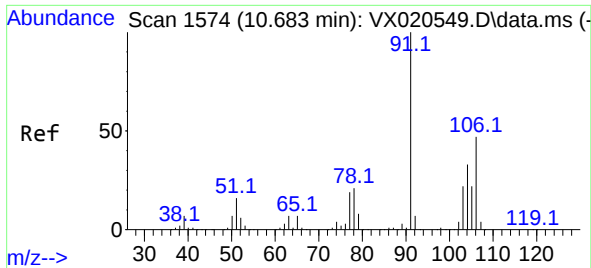
Tgt Ion: 91 Resp: 8663
Ion Ratio Lower Upper
91 100
106 27.5 24.6 37.0



#68
m/p-Xylenes
Concen: 7.68 ug/l
RT: 10.342 min Scan# 1518
Delta R.T. -0.001 min
Lab File: VX020610.D
Acq: 14 Jan 2021 14:17

Tgt Ion: 106 Resp: 31473
Ion Ratio Lower Upper
106 100
91 207.6 162.8 244.2

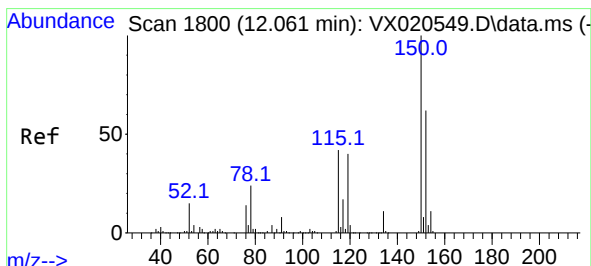
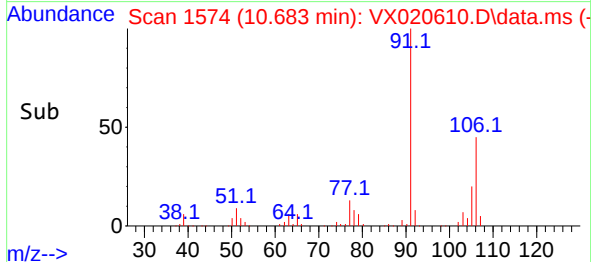
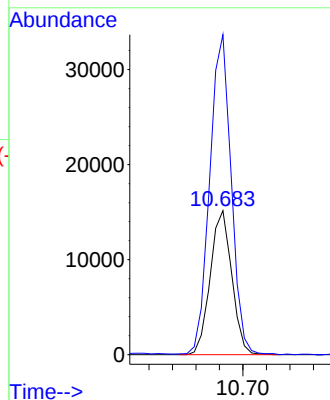
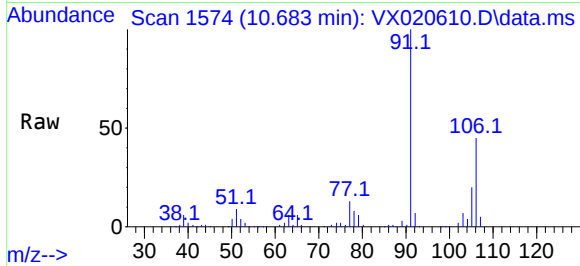




#69
o-Xylene
Concen: 5.12 ug/l
RT: 10.683 min Scan# 1574
Delta R.T. -0.000 min
Lab File: VX020610.D
Acq: 14 Jan 2021 14:17

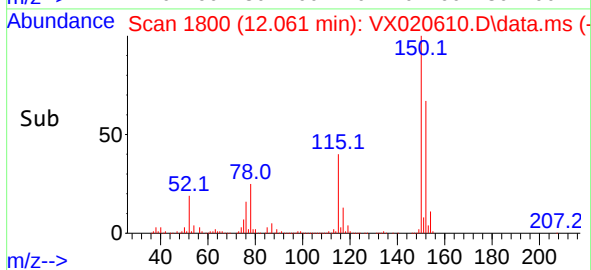
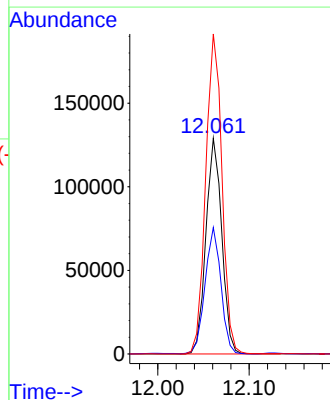
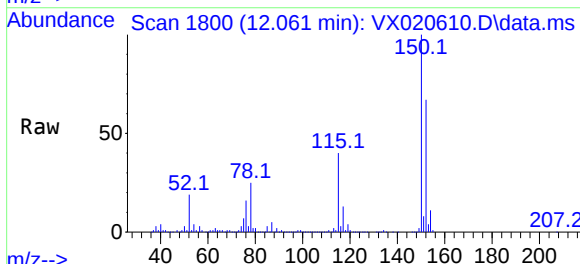
Instrument :
MSVOA_X
ClientSampleId :
210113010-02-VOA

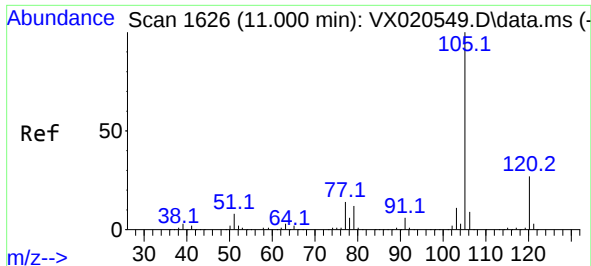
Tgt Ion:106 Resp: 19313
Ion Ratio Lower Upper
106 100
91 222.0 108.1 324.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020610.D
Acq: 14 Jan 2021 14:17

Tgt Ion:152 Resp: 155035
Ion Ratio Lower Upper
152 100
115 58.5 41.1 123.3
150 152.2 0.0 349.0

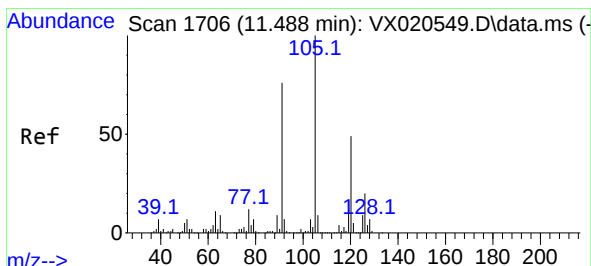
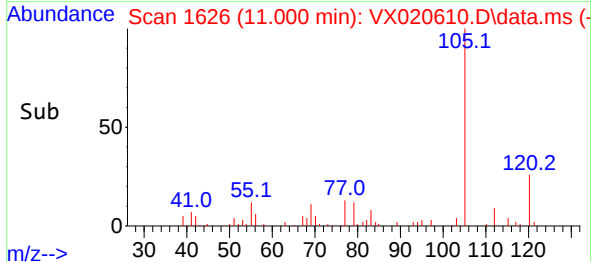
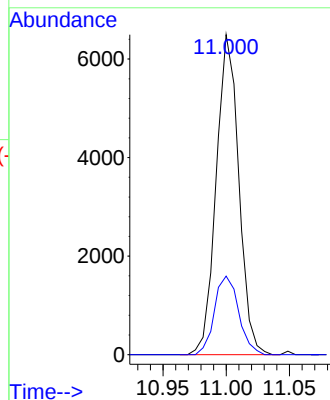
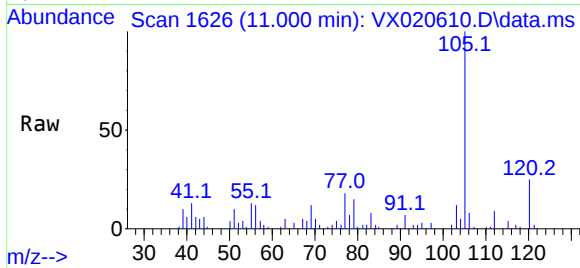




#73
Isopropylbenzene
Concen: 0.77 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX020610.D
Acq: 14 Jan 2021 14:17

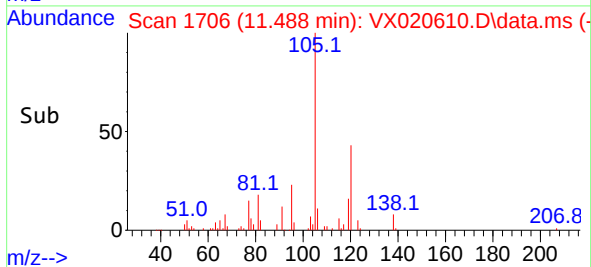
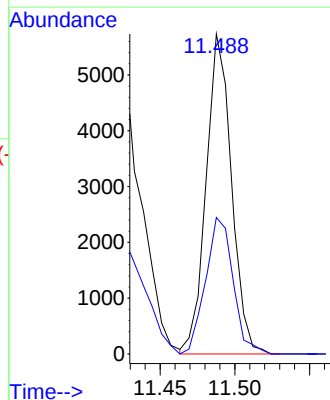
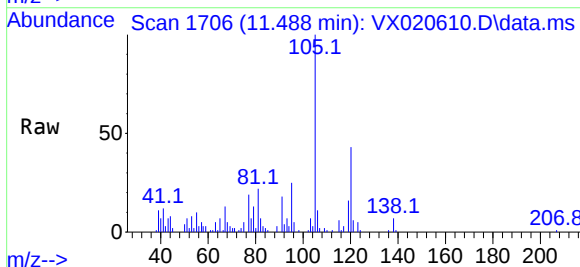
Instrument :
MSVOA_X
ClientSampleId :
210113010-02-VOA

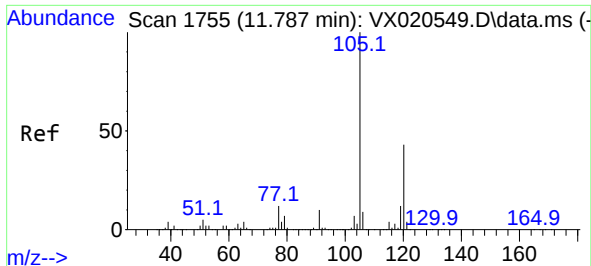
Tgt Ion:105 Resp: 8047
Ion Ratio Lower Upper
105 100
120 26.3 13.2 39.6



#80
1,3,5-Trimethylbenzene
Concen: 0.77 ug/l
RT: 11.488 min Scan# 1706
Delta R.T. -0.000 min
Lab File: VX020610.D
Acq: 14 Jan 2021 14:17

Tgt Ion:105 Resp: 6764
Ion Ratio Lower Upper
105 100
120 46.3 23.8 71.5

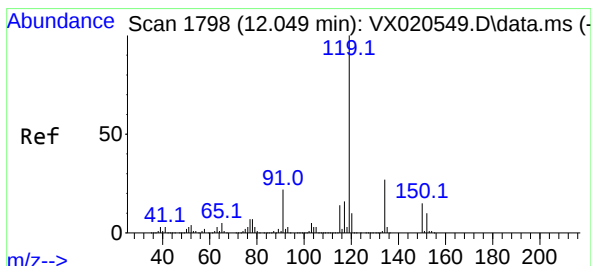
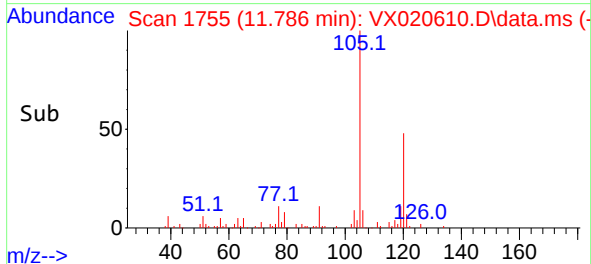
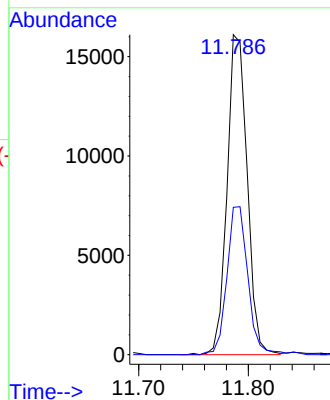
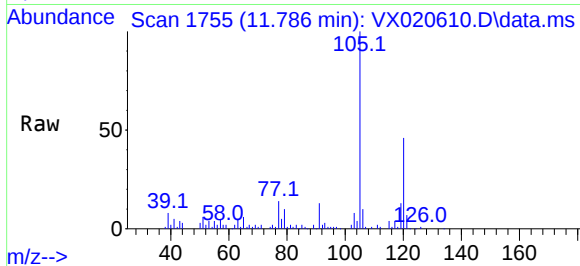




#84
1,2,4-Trimethylbenzene
Concen: 2.34 ug/l
RT: 11.786 min Scan# 1755
Delta R.T. -0.001 min
Lab File: VX020610.D
Acq: 14 Jan 2021 14:17

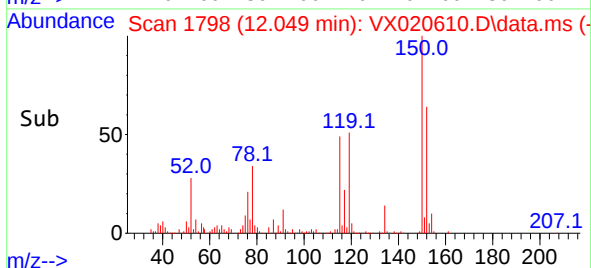
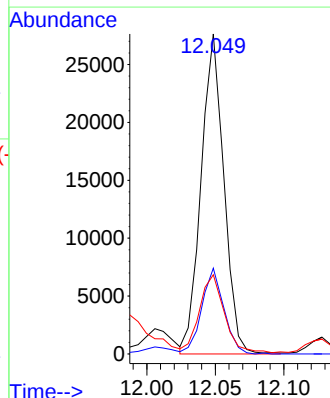
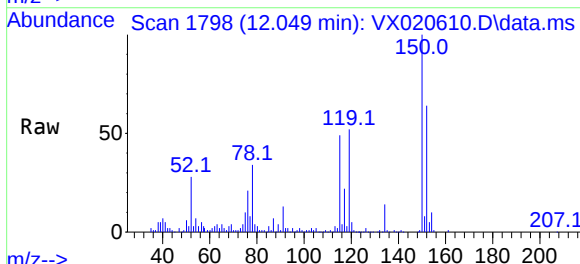
Instrument :
MSVOA_X
ClientSampleId :
210113010-02-VOA

Tgt Ion:105 Resp: 20492
Ion Ratio Lower Upper
105 100
120 48.6 22.4 67.3

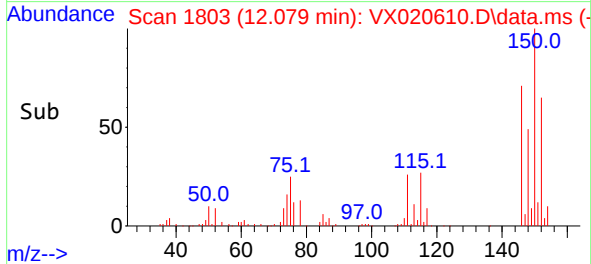
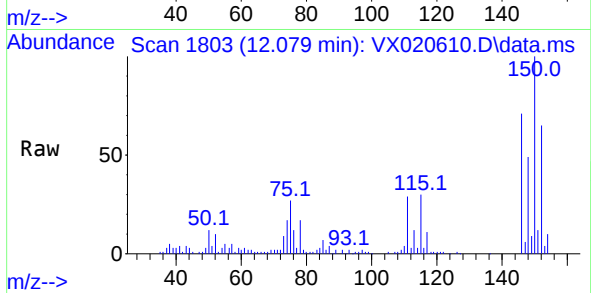
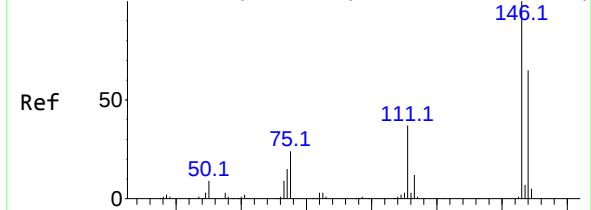


#86
p-Isopropyltoluene
Concen: 3.51 ug/l
RT: 12.049 min Scan# 1798
Delta R.T. -0.000 min
Lab File: VX020610.D
Acq: 14 Jan 2021 14:17

Tgt Ion:119 Resp: 32016
Ion Ratio Lower Upper
119 100
134 26.0 12.9 38.7
91 26.4 11.7 35.0

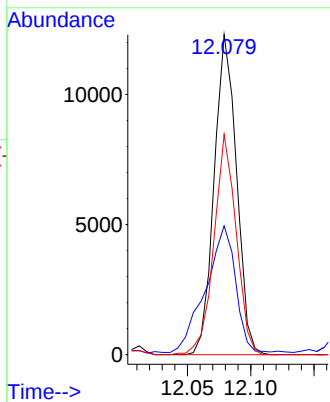


Abundance Scan 1803 (12.079 min): VX020549.D\data.ms (-



#88
1,4-Dichlorobenzene
Concen: 2.88 ug/l
RT: 12.079 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VX020610.D
Acq: 14 Jan 2021 14:17

Tgt Ion:	146	Resp:	15099
Ion	Ratio	Lower	Upper
146	100		
111	52.6	19.6	58.8
148	68.6	31.6	95.0



Instrument :
MSVOA_X
ClientSampleId :
210113010-02-VOA