

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042321\
 Data File : VX021861.D
 Acq On : 23 Apr 2021 22:26
 Operator : JC/MD
 Sample : M2134-01DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 210421084-02-VOADL

Quant Time: Apr 26 04:09:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042021W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 20 13:46:22 2021
 Response via : Initial Calibration

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

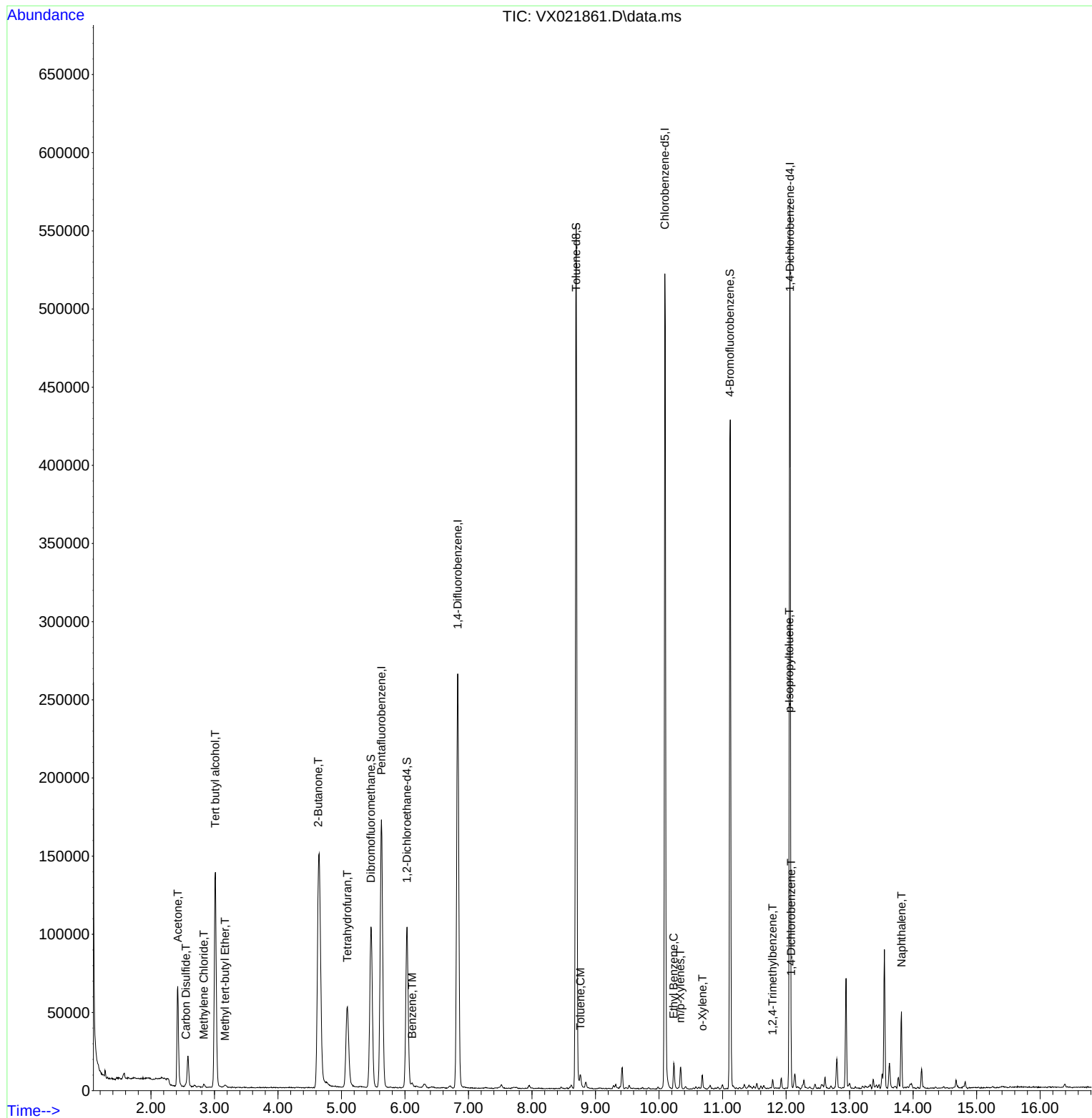
Internal Standards						
1) Pentafluorobenzene	5.629	168	173480	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	290642	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	260608	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	122436	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	96217	48.89	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.78%
35) Dibromofluoromethane	5.465	113	91899	49.44	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.88%
50) Toluene-d8	8.696	98	345385	48.33	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.66%
62) 4-Bromofluorobenzene	11.116	95	123224	46.17	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.34%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.014	59	177599	412.10	ug/l	99
16) Acetone	2.422	43	66364	98.09	ug/l	99
17) Carbon Disulfide	2.550	76	2510	0.55	ug/l	95
19) Methyl tert-butyl Ether	3.166	73	1761	0.32	ug/l #	88
20) Methylene Chloride	2.831	84	1027	0.51	ug/l	90
25) 2-Butanone	4.635	43	130547	113.95	ug/l	99
29) Tetrahydrofuran	5.093	42	31621	42.42	ug/l	97
40) Benzene	6.111	78	3025	0.40	ug/l	98
52) Toluene	8.763	92	2315	0.47	ug/l	97
67) Ethyl Benzene	10.232	91	9610	1.03	ug/l	95
68) m/p-Xylenes	10.336	106	3502	0.97	ug/l	93
69) o-Xylene	10.683	106	2036	0.59	ug/l	94
84) 1,2,4-Trimethylbenzene	11.787	105	2609	0.36	ug/l	92
86) p-Isopropyltoluene	12.049	119	2153	0.27	ug/l #	76
88) 1,4-Dichlorobenzene	12.079	146	1818	0.46	ug/l #	36
95) Naphthalene	13.817	128	30534	3.70	ug/l	99

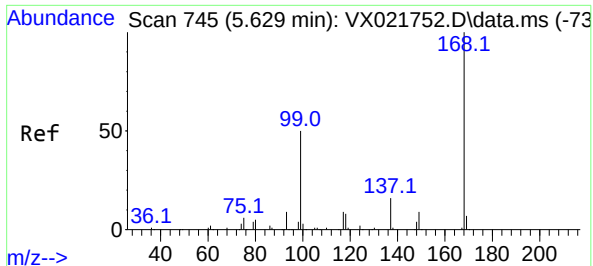
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042321\
Data File : VX021861.D
Acq On : 23 Apr 2021 22:26
Operator : JC/MD
Sample : M2134-01DL 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
210421084-02-VOADL

Quant Time: Apr 26 04:09:09 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042021W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 20 13:46:22 2021
Response via : Initial Calibration

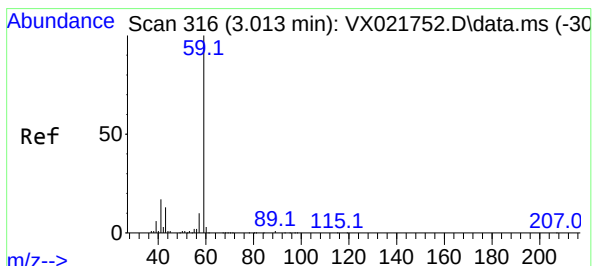
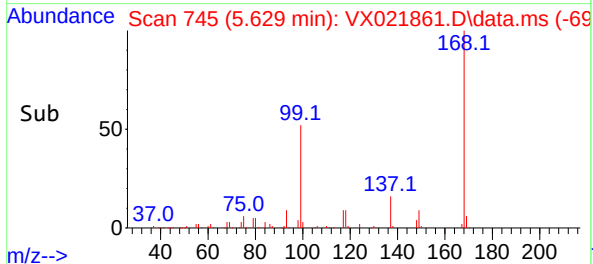
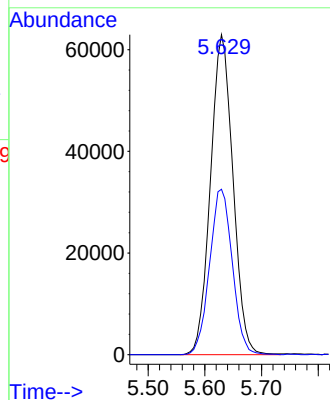
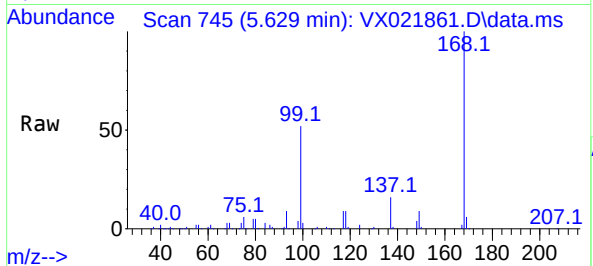




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.000 min
Lab File: VX021861.D
Acq: 23 Apr 2021 22:26

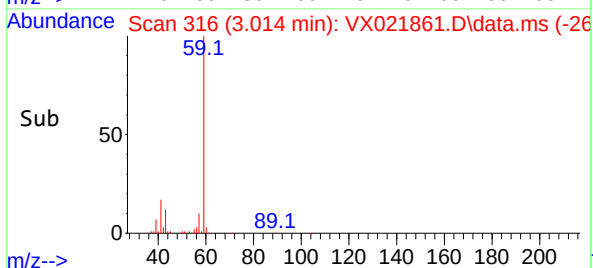
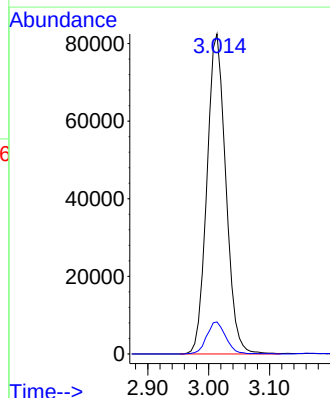
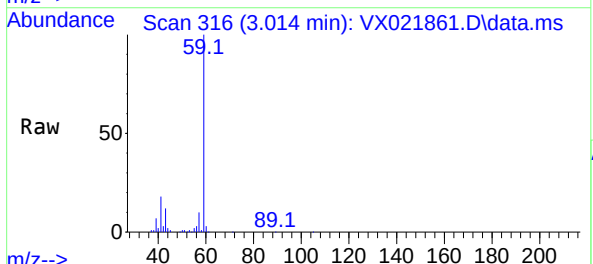
Instrument :
MSVOA_X
ClientSampleId :
210421084-02-VOADL

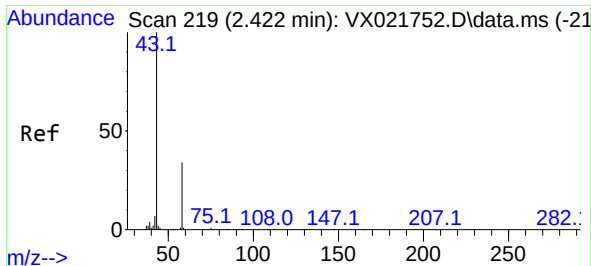
Tgt Ion:168 Resp: 173480
Ion Ratio Lower Upper
168 100
99 51.7 45.8 68.6



#11
Tert butyl alcohol
Concen: 412.10 ug/l
RT: 3.014 min Scan# 316
Delta R.T. 0.001 min
Lab File: VX021861.D
Acq: 23 Apr 2021 22:26

Tgt Ion: 59 Resp: 177599
Ion Ratio Lower Upper
59 100
57 10.2 7.8 11.8

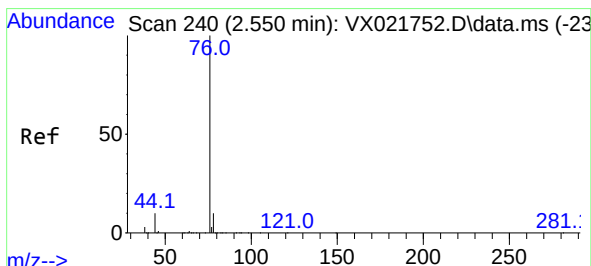
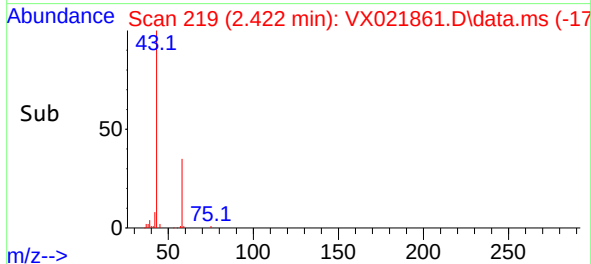
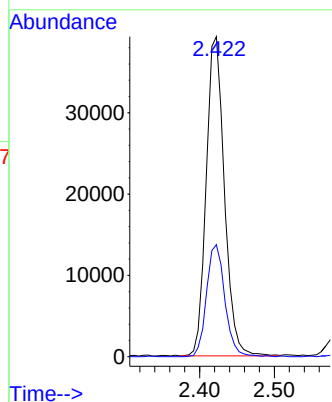
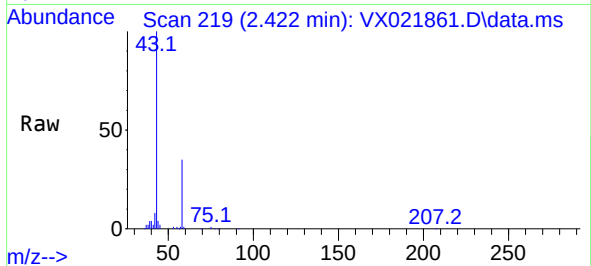




#16
Acetone
Concen: 98.09 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.000 min
Lab File: VX021861.D
Acq: 23 Apr 2021 22:26

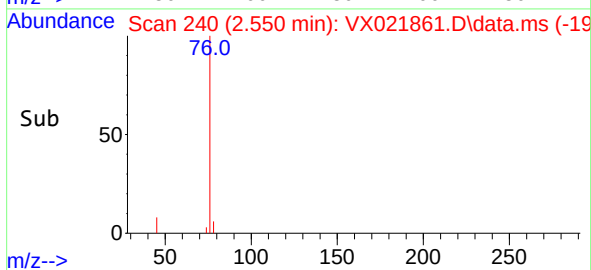
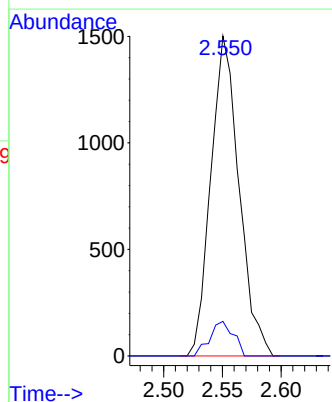
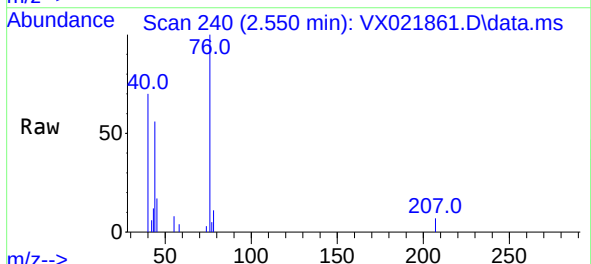
Instrument :
MSVOA_X
ClientSampleId :
210421084-02-VOADL

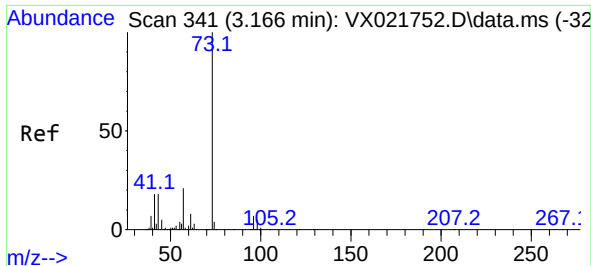
Tgt Ion: 43 Resp: 66364
Ion Ratio Lower Upper
43 100
58 35.1 27.8 41.8



#17
Carbon Disulfide
Concen: 0.55 ug/l
RT: 2.550 min Scan# 240
Delta R.T. 0.000 min
Lab File: VX021861.D
Acq: 23 Apr 2021 22:26

Tgt Ion: 76 Resp: 2510
Ion Ratio Lower Upper
76 100
78 10.8 7.2 10.8

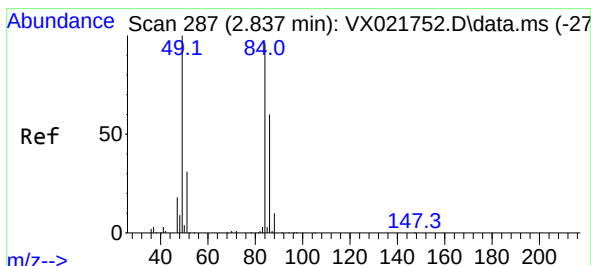
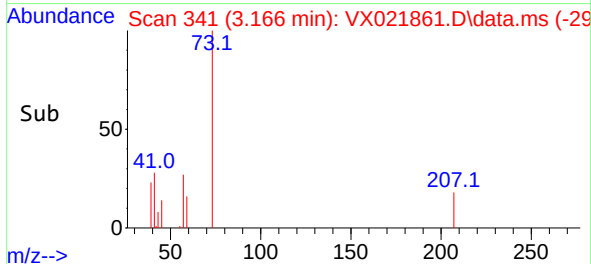
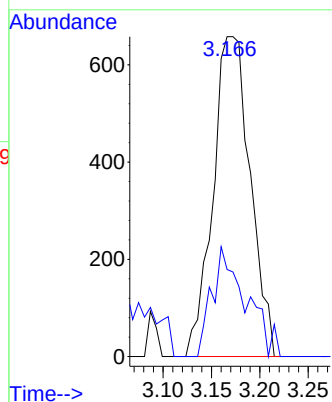
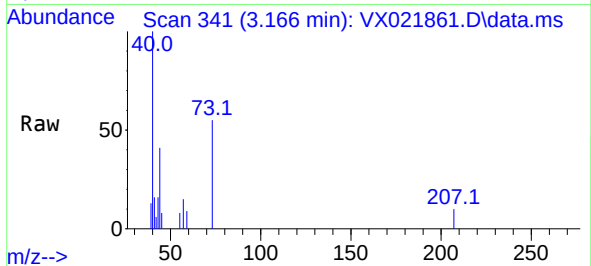




#19
Methyl tert-butyl Ether
Concen: 0.32 ug/l
RT: 3.166 min Scan# 341
Delta R.T. 0.000 min
Lab File: VX021861.D
Acq: 23 Apr 2021 22:26

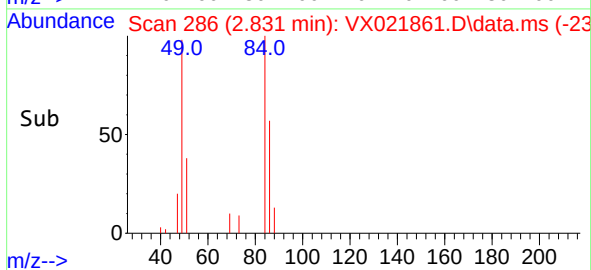
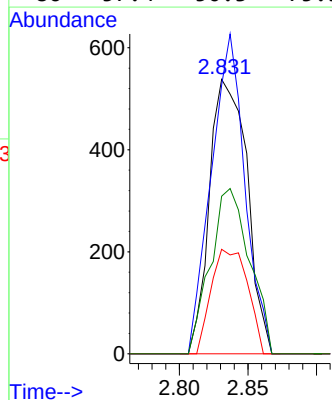
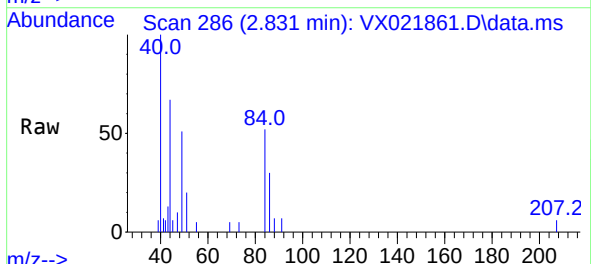
Instrument :
MSVOA_X
ClientSampleId :
210421084-02-VOADL

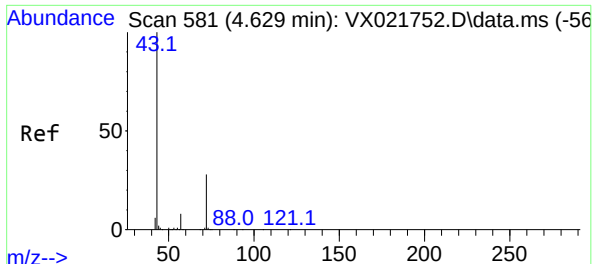
Tgt Ion: 73 Resp: 1761
Ion Ratio Lower Upper
73 100
57 27.2 17.1 25.7#



#20
Methylene Chloride
Concen: 0.51 ug/l
RT: 2.831 min Scan# 286
Delta R.T. -0.006 min
Lab File: VX021861.D
Acq: 23 Apr 2021 22:26

Tgt Ion: 84 Resp: 1027
Ion Ratio Lower Upper
84 100
49 98.0 88.6 132.8
51 38.1 27.0 40.6
86 57.4 50.3 75.5

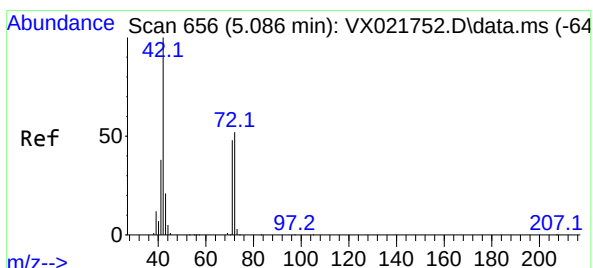
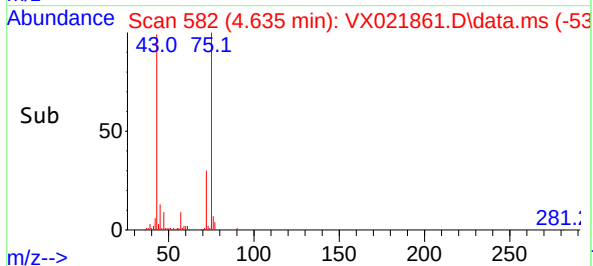
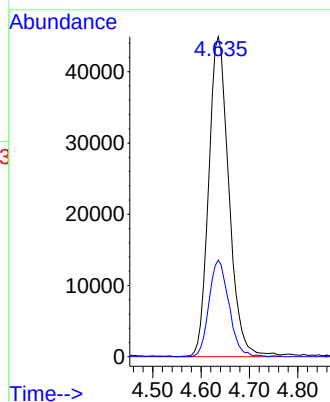
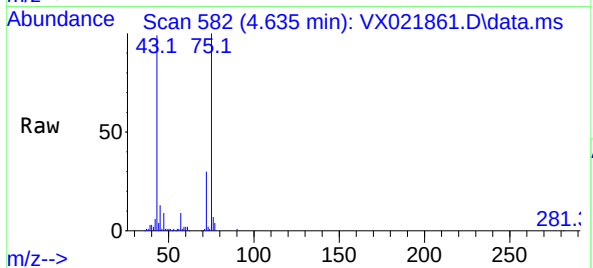




#25
2-Butanone
Concen: 113.95 ug/l
RT: 4.635 min Scan# 582
Delta R.T. 0.006 min
Lab File: VX021861.D
Acq: 23 Apr 2021 22:26

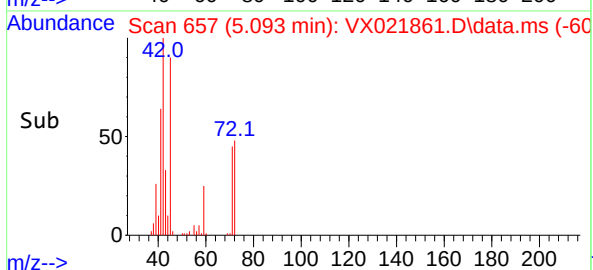
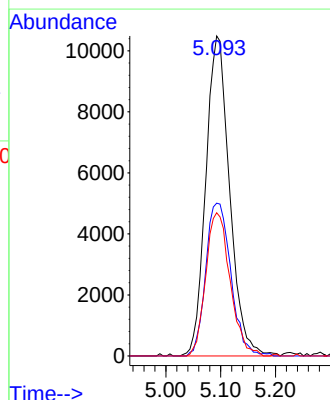
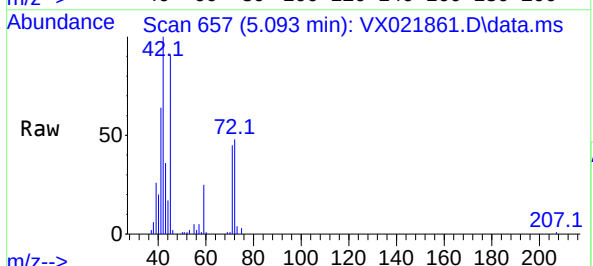
Instrument :
MSVOA_X
ClientSampleId :
210421084-02-VOADL

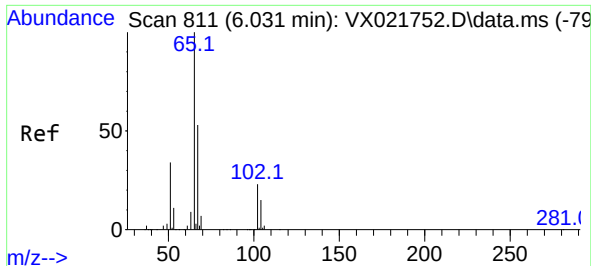
Tgt Ion: 43 Resp: 130547
Ion Ratio Lower Upper
43 100
72 30.2 23.7 35.5



#29
Tetrahydrofuran
Concen: 42.42 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.007 min
Lab File: VX021861.D
Acq: 23 Apr 2021 22:26

Tgt Ion: 42 Resp: 31621
Ion Ratio Lower Upper
42 100
72 50.4 41.7 62.5
71 45.8 38.4 57.6

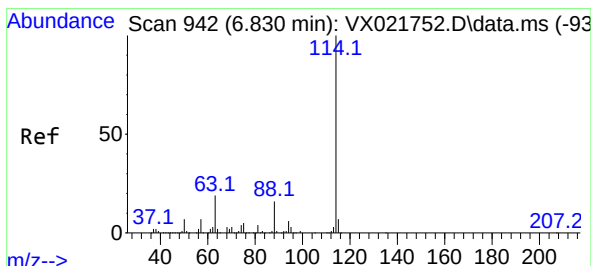
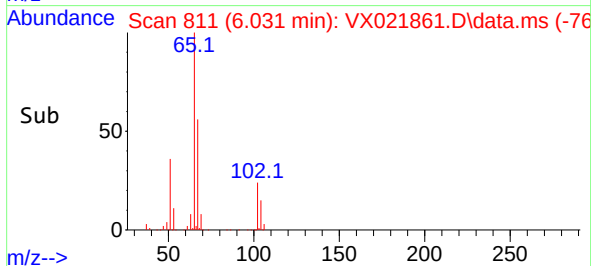
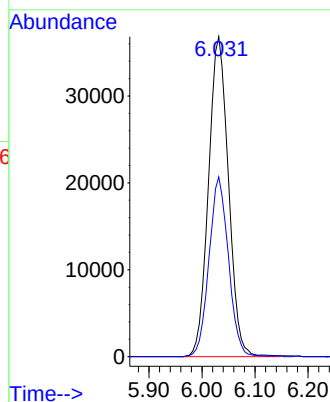
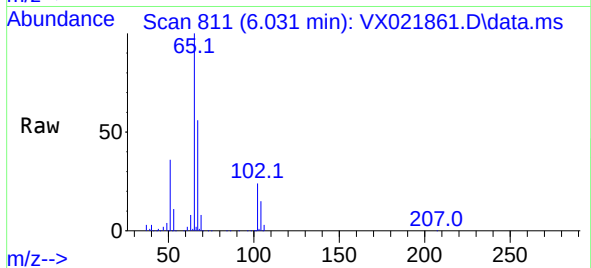




#33
1,2-Dichloroethane-d4
Concen: 48.89 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX021861.D
Acq: 23 Apr 2021 22:26

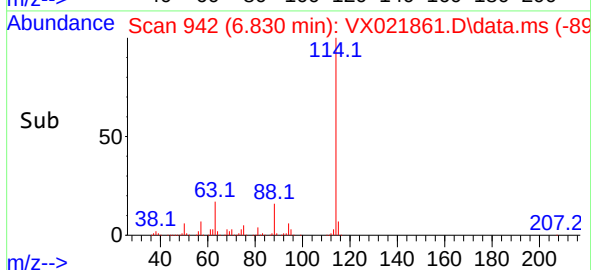
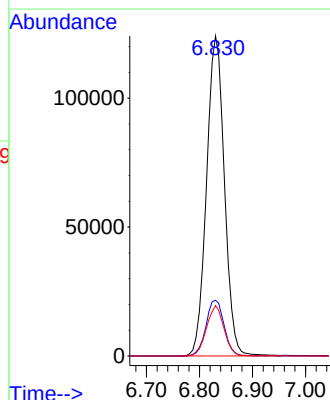
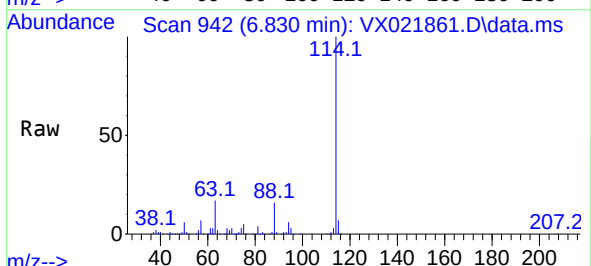
Instrument :
MSVOA_X
ClientSampleId :
210421084-02-VOADL

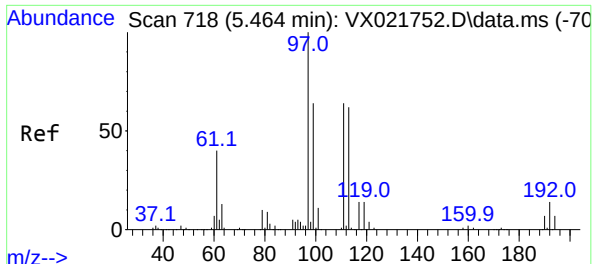
Tgt Ion: 65 Resp: 96217
Ion Ratio Lower Upper
65 100
67 54.7 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.000 min
Lab File: VX021861.D
Acq: 23 Apr 2021 22:26

Tgt Ion: 114 Resp: 290642
Ion Ratio Lower Upper
114 100
63 17.4 0.0 40.8
88 15.8 0.0 32.8

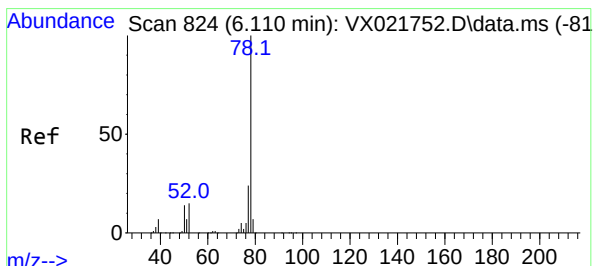
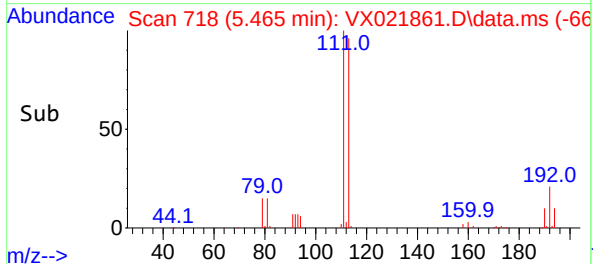
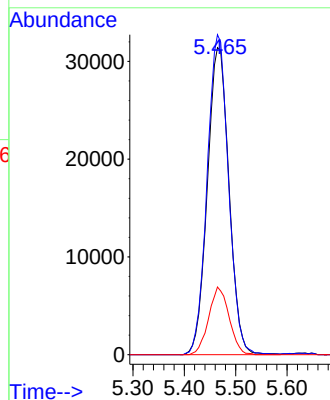
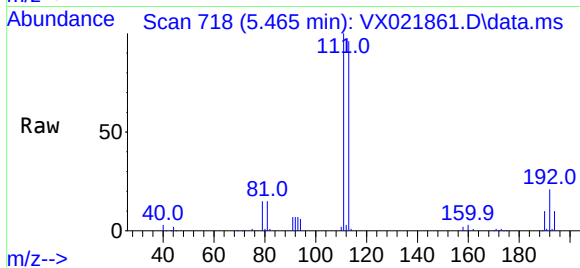




#35
Dibromofluoromethane
Concen: 49.44 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX021861.D
Acq: 23 Apr 2021 22:26

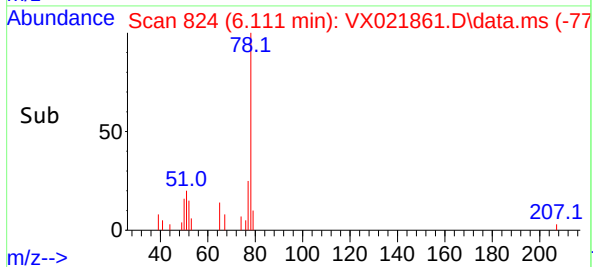
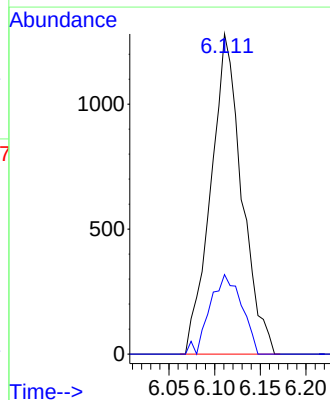
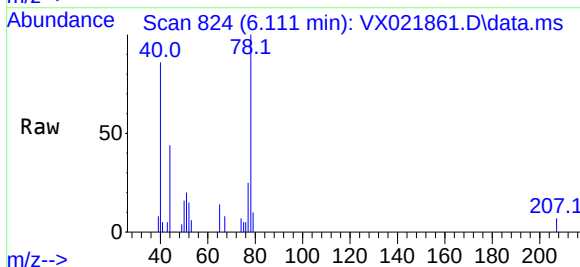
Instrument :
MSVOA_X
ClientSampleId :
210421084-02-VOADL

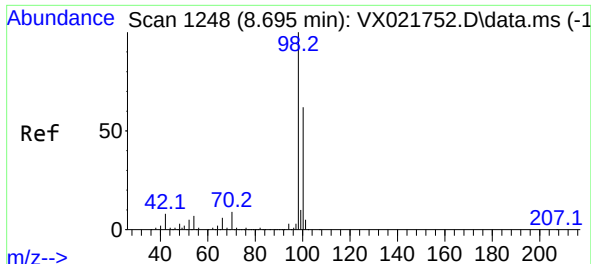
Tgt Ion:	113	Resp:	91899
Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.9	122.9
192	20.8	16.7	25.1



#40
Benzene
Concen: 0.40 ug/l
RT: 6.111 min Scan# 824
Delta R.T. 0.001 min
Lab File: VX021861.D
Acq: 23 Apr 2021 22:26

Tgt Ion:	78	Resp:	3025
Ion	Ratio	Lower	Upper
78	100		
77	24.8	18.9	28.3

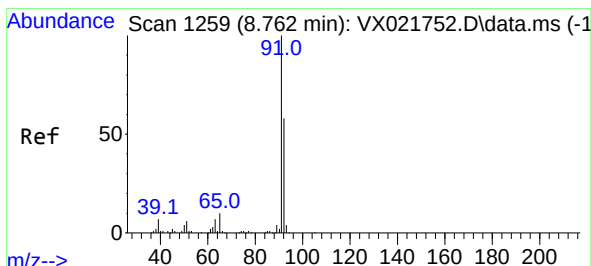
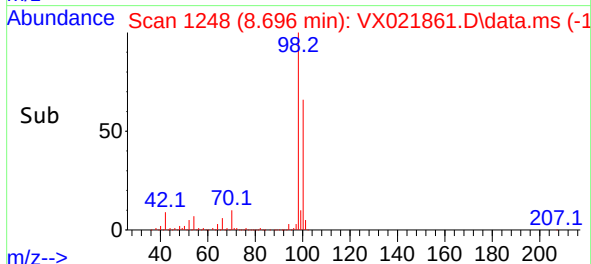
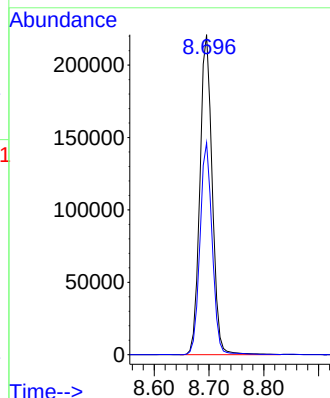
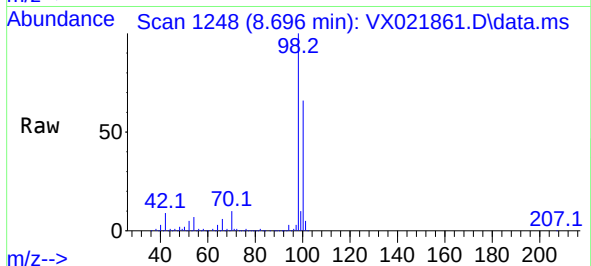




#50
Toluene-d8
Concen: 48.33 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.001 min
Lab File: VX021861.D
Acq: 23 Apr 2021 22:26

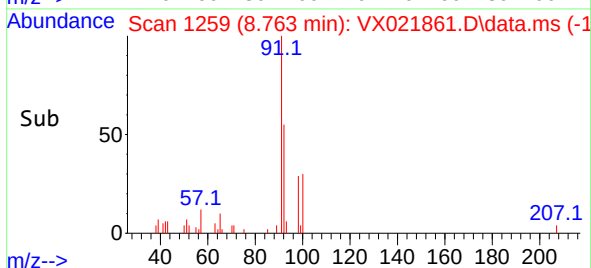
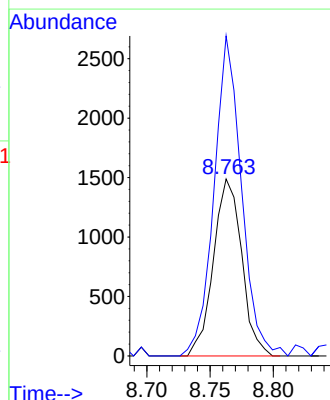
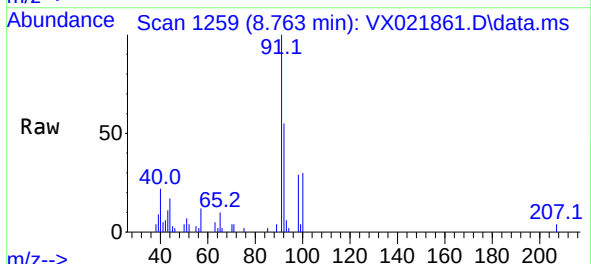
Instrument :
MSVOA_X
ClientSampleId :
210421084-02-VOADL

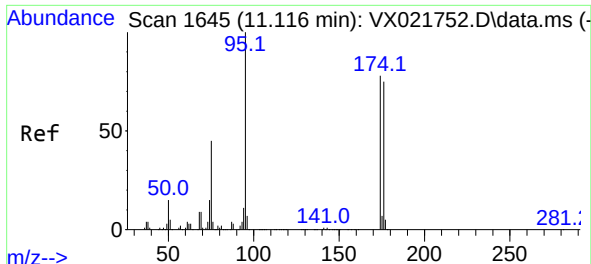
Tgt Ion: 98 Resp: 345385
Ion Ratio Lower Upper
98 100
100 65.6 51.9 77.9



#52
Toluene
Concen: 0.47 ug/l
RT: 8.763 min Scan# 1259
Delta R.T. 0.001 min
Lab File: VX021861.D
Acq: 23 Apr 2021 22:26

Tgt Ion: 92 Resp: 2315
Ion Ratio Lower Upper
92 100
91 175.2 137.1 205.7

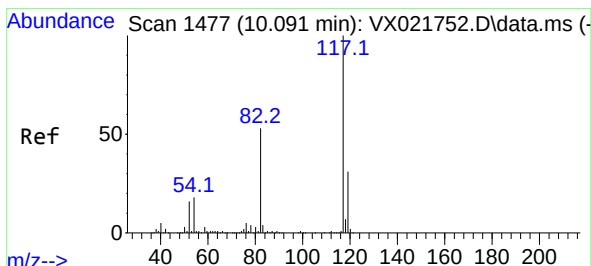
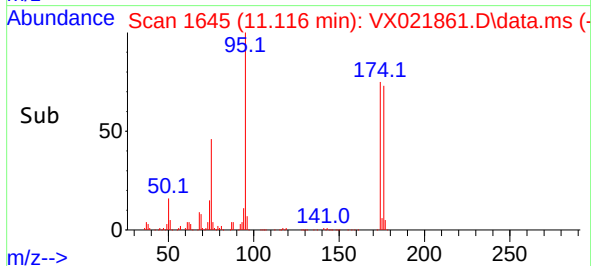
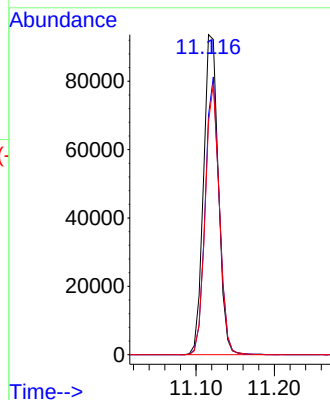
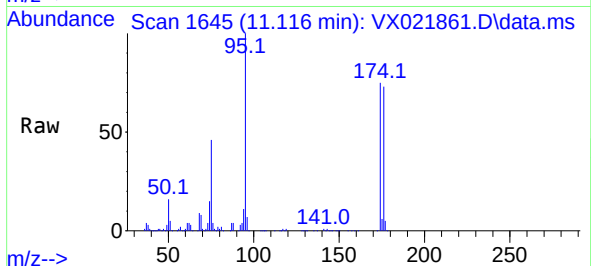




#62
4-Bromofluorobenzene
Concen: 46.17 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.000 min
Lab File: VX021861.D
Acq: 23 Apr 2021 22:26

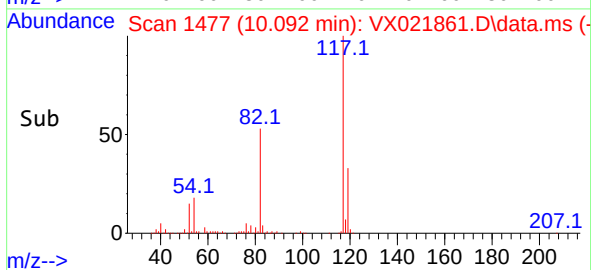
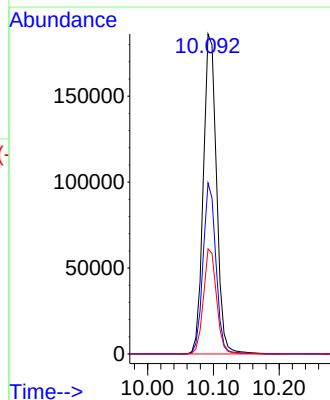
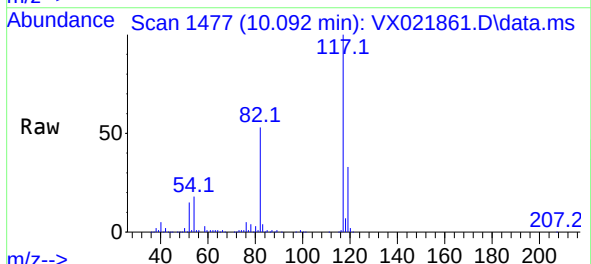
Instrument :
MSVOA_X
ClientSampleId :
210421084-02-VOADL

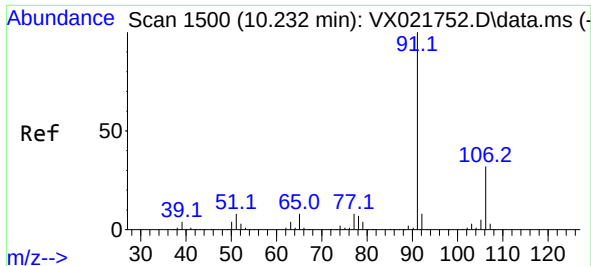
Tgt Ion: 95 Resp: 123224
Ion Ratio Lower Upper
95 100
174 81.7 0.0 154.6
176 80.3 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. 0.001 min
Lab File: VX021861.D
Acq: 23 Apr 2021 22:26

Tgt Ion:117 Resp: 260608
Ion Ratio Lower Upper
117 100
82 53.4 47.4 71.2
119 32.9 26.6 39.8

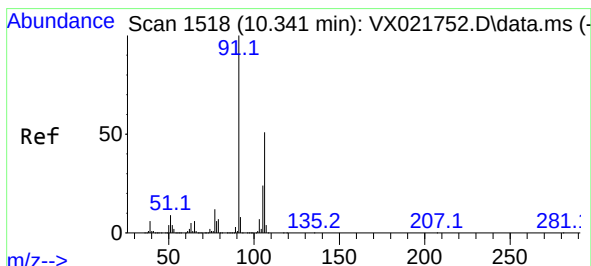
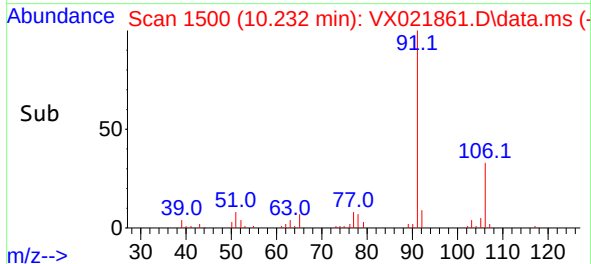
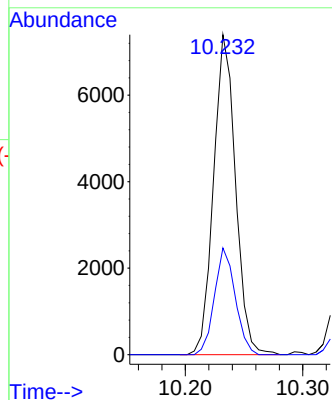
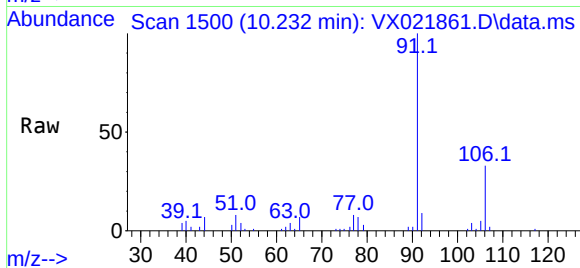




#67
Ethyl Benzene
Concen: 1.03 ug/l
RT: 10.232 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VX021861.D
Acq: 23 Apr 2021 22:26

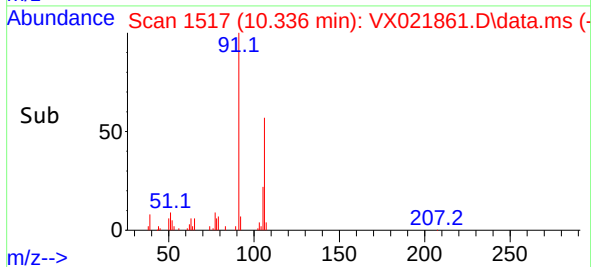
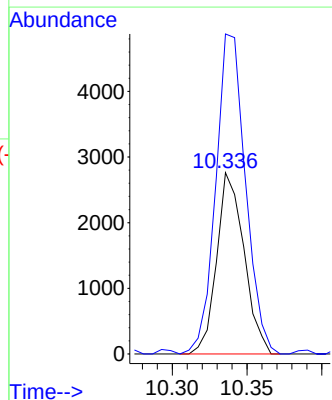
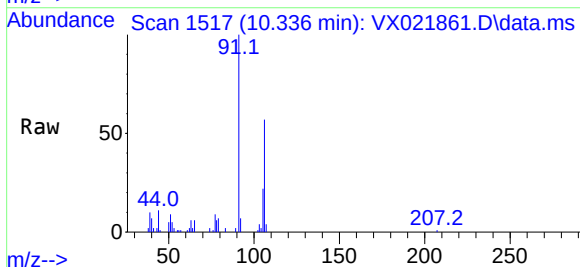
Instrument :
MSVOA_X
ClientSampleId :
210421084-02-VOADL

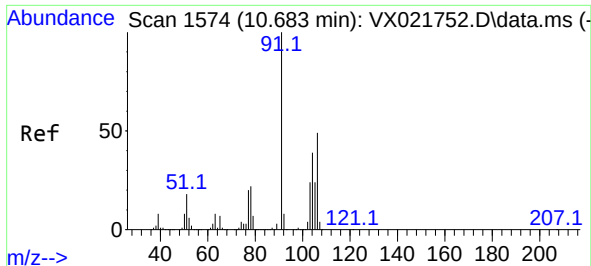
Tgt Ion: 91 Resp: 9610
Ion Ratio Lower Upper
91 100
106 33.3 24.6 37.0



#68
m/p-Xylenes
Concen: 0.97 ug/l
RT: 10.336 min Scan# 1517
Delta R.T. -0.005 min
Lab File: VX021861.D
Acq: 23 Apr 2021 22:26

Tgt Ion: 106 Resp: 3502
Ion Ratio Lower Upper
106 100
91 192.9 162.8 244.2

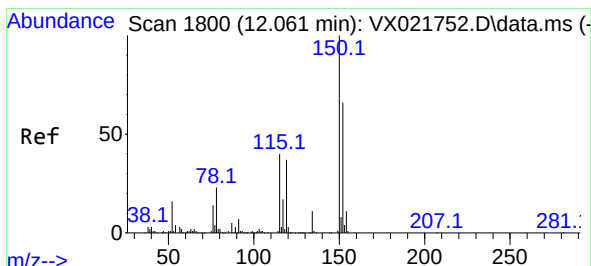
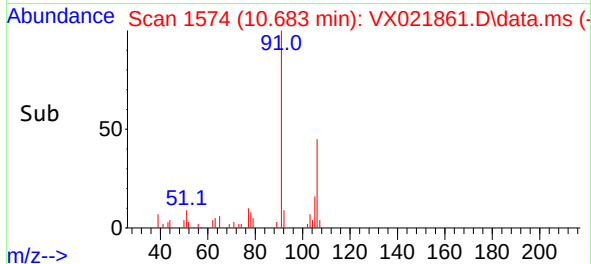
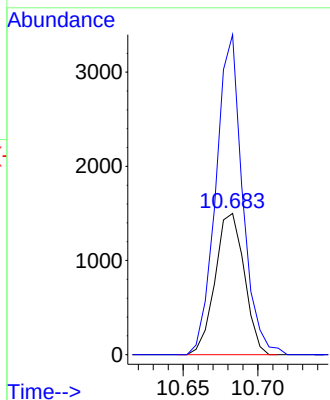
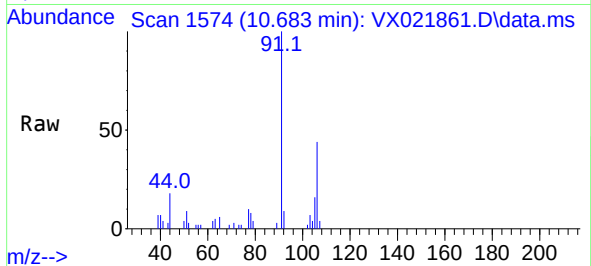




#69
o-Xylene
Concen: 0.59 ug/l
RT: 10.683 min Scan# 1574
Delta R.T. 0.000 min
Lab File: VX021861.D
Acq: 23 Apr 2021 22:26

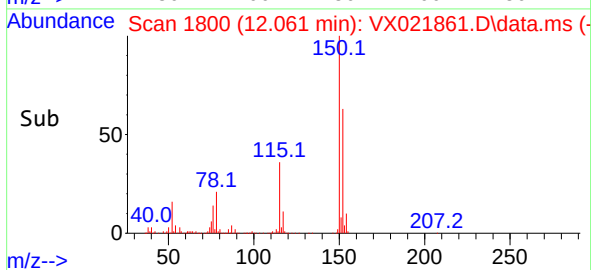
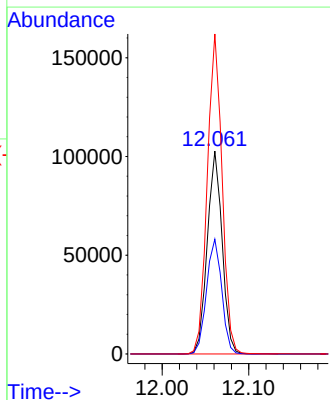
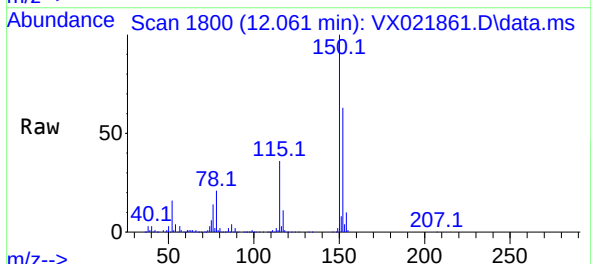
Instrument :
MSVOA_X
ClientSampleId :
210421084-02-VOADL

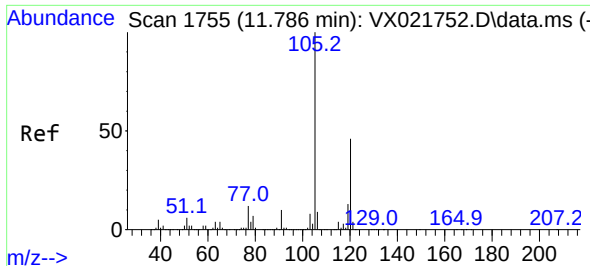
Tgt Ion:106 Resp: 2036
Ion Ratio Lower Upper
106 100
91 206.9 108.1 324.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX021861.D
Acq: 23 Apr 2021 22:26

Tgt Ion:152 Resp: 122436
Ion Ratio Lower Upper
152 100
115 57.8 41.1 123.3
150 157.3 0.0 349.0

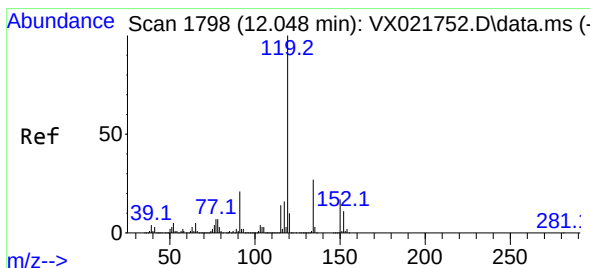
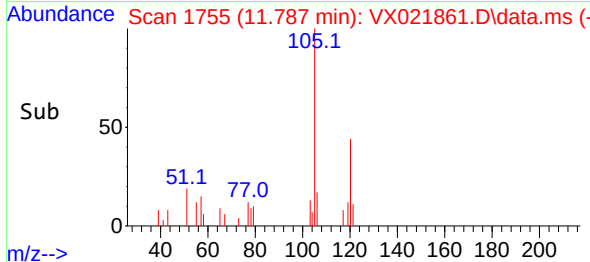
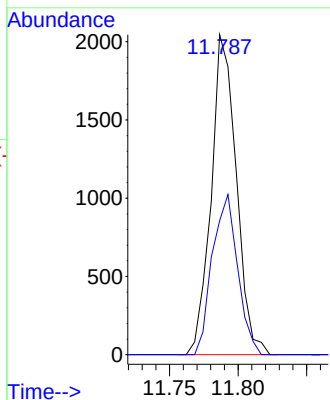
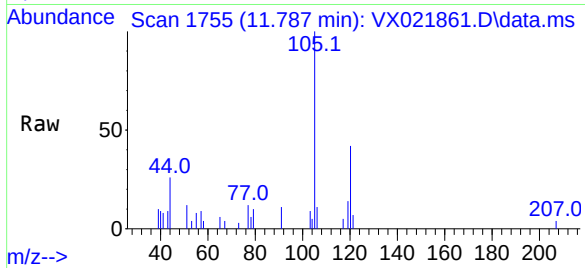




#84
1,2,4-Trimethylbenzene
Concen: 0.36 ug/l
RT: 11.787 min Scan# 1755
Delta R.T. 0.001 min
Lab File: VX021861.D
Acq: 23 Apr 2021 22:26

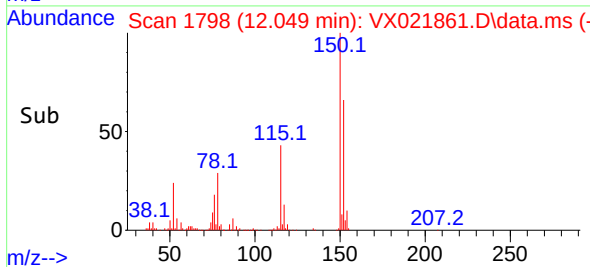
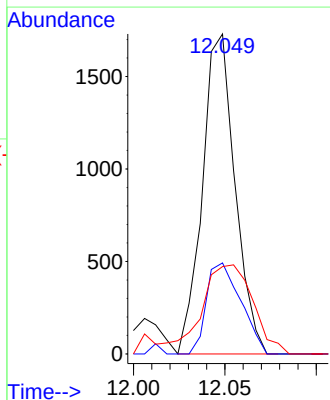
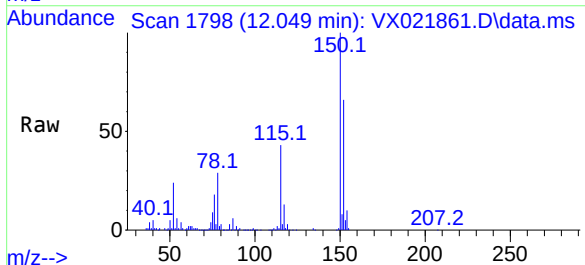
Instrument :
MSVOA_X
ClientSampleId :
210421084-02-VOADL

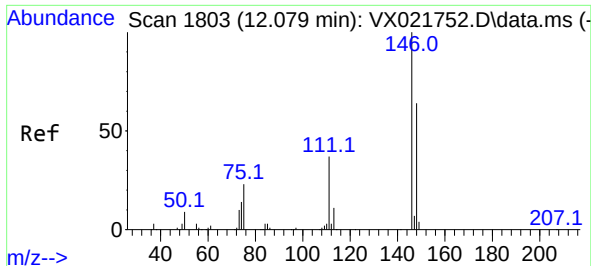
Tgt Ion:105 Resp: 2609
Ion Ratio Lower Upper
105 100
120 50.3 22.4 67.3



#86
p-Isopropyltoluene
Concen: 0.27 ug/l
RT: 12.049 min Scan# 1798
Delta R.T. 0.001 min
Lab File: VX021861.D
Acq: 23 Apr 2021 22:26

Tgt Ion:119 Resp: 2153
Ion Ratio Lower Upper
119 100
134 29.9 12.9 38.7
91 43.2 11.7 35.0#

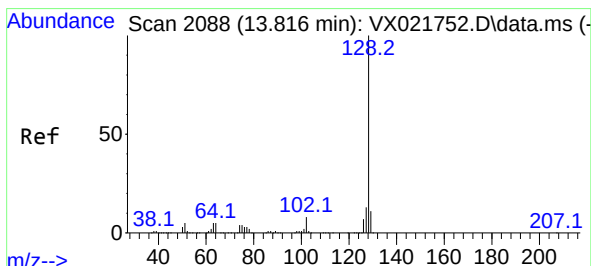
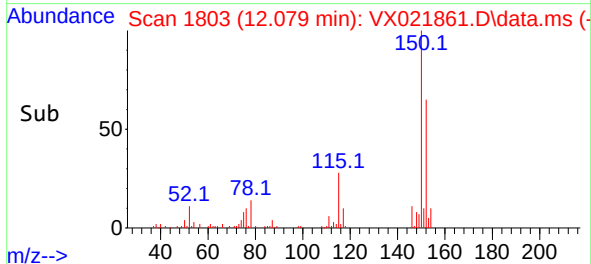
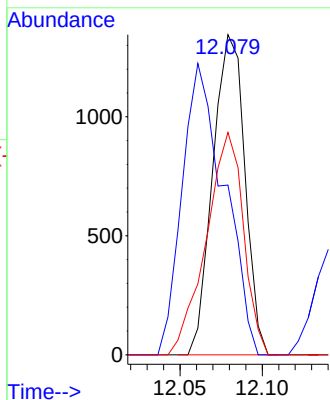
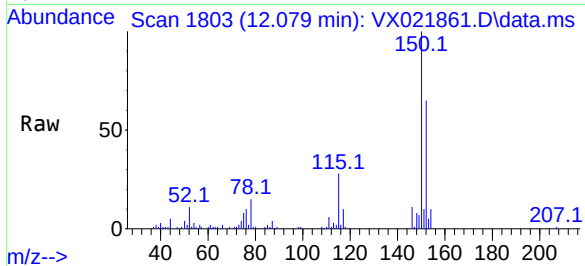




#88
1,4-Dichlorobenzene
Concen: 0.46 ug/l
RT: 12.079 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VX021861.D
Acq: 23 Apr 2021 22:26

Instrument :
MSVOA_X
ClientSampleId :
210421084-02-VOADL

Tgt Ion:146 Resp: 1818
Ion Ratio Lower Upper
146 100
111 119.7 19.6 58.8#
148 80.7 31.6 95.0



#95
Naphthalene
Concen: 3.70 ug/l
RT: 13.817 min Scan# 2088
Delta R.T. 0.001 min
Lab File: VX021861.D
Acq: 23 Apr 2021 22:26

Tgt Ion:128 Resp: 30534
Ion Ratio Lower Upper
128 100
127 12.4 10.3 15.5
129 11.1 8.8 13.2

