

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032121\
 Data File : VX021311.D
 Acq On : 19 Mar 2021 18:47
 Operator : JC/MD
 Sample : M1716-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 210317059-01-VOA

Quant Time: Mar 22 08:23:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 16 14:00:21 2021
 Response via : Initial Calibration

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

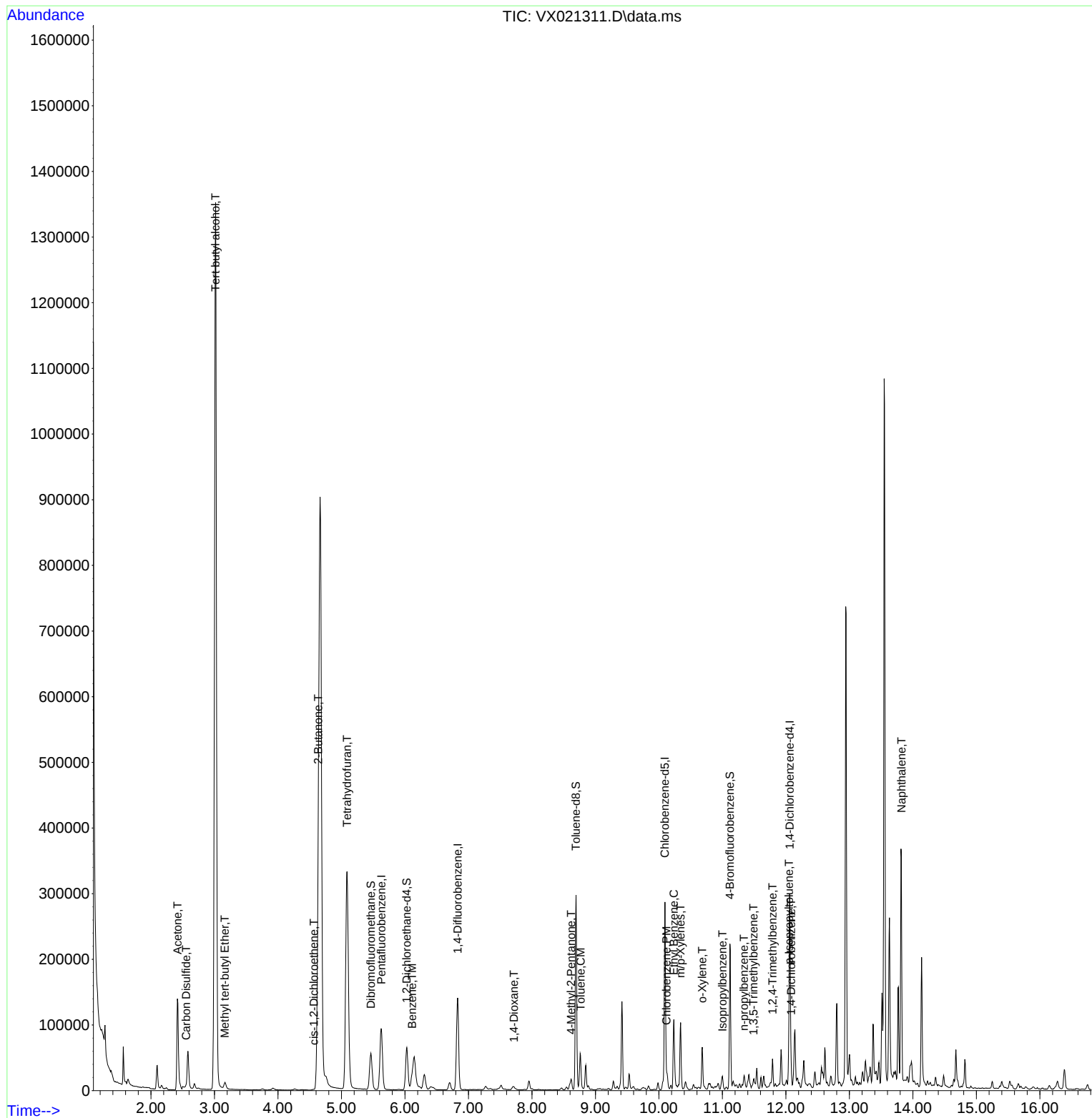
Internal Standards						
1) Pentafluorobenzene	5.629	168	81248	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	132142	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	112349	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	49185	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	62815	47.14	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 94.28%			
35) Dibromofluoromethane	5.464	113	44964	50.01	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.02%			
50) Toluene-d8	8.694	98	162041	49.67	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.34%			
62) 4-Bromofluorobenzene	11.118	95	56875	44.89	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 89.78%			
Target Compounds						Qvalue
3) Chloromethane	1.317	50	1829	Below Cal		90
11) Tert butyl alcohol	3.017	59	1505808	6726.07	ug/l	97
16) Acetone	2.417	43	141530	288.64	ug/l	90
17) Carbon Disulfide	2.552	76	4629	2.44	ug/l #	94
19) Methyl tert-butyl Ether	3.164	73	9553	3.07	ug/l	97
25) 2-Butanone	4.635	43	234618	311.16	ug/l #	88
27) cis-1,2-Dichloroethene	4.564	96	628	0.59	ug/l #	8
29) Tetrahydrofuran	5.088	42	267399	536.96	ug/l #	85
40) Benzene	6.111	78	19817	5.40	ug/l	97
49) 1,4-Dioxane	7.718	88	2904	117.17	ug/l #	80
51) 4-Methyl-2-Pentanone	8.618	43	10897	7.40	ug/l #	78
52) Toluene	8.765	92	15524	6.84	ug/l	96
65) Chlorobenzene	10.118	112	4065	1.76	ug/l	92
67) Ethyl Benzene	10.235	91	58898	13.79	ug/l	99
68) m/p-Xylenes	10.341	106	20431	13.39	ug/l	91
69) o-Xylene	10.683	106	12014	8.10	ug/l	90
73) Isopropylbenzene	11.000	105	7250	1.98	ug/l	98
78) n-propylbenzene	11.342	91	3427	0.80	ug/l	94
80) 1,3,5-Trimethylbenzene	11.489	105	4417	1.43	ug/l	100
84) 1,2,4-Trimethylbenzene	11.789	105	16334	5.20	ug/l	100
86) p-Isopropyltoluene	12.047	119	13440	4.23	ug/l	89
88) 1,4-Dichlorobenzene	12.083	146	9610	5.94	ug/l	91
95) Naphthalene	13.818	128	205043	58.77	ug/l	99

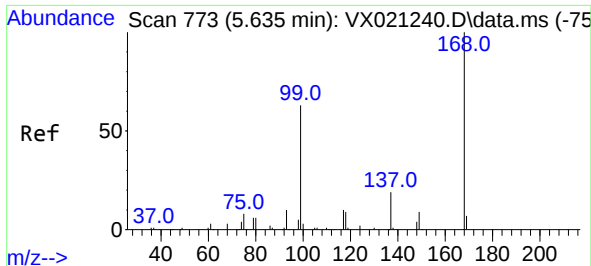
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032121\
Data File : VX021311.D
Acq On : 19 Mar 2021 18:47
Operator : JC/MD
Sample : M1716-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
210317059-01-VOA

Quant Time: Mar 22 08:23:38 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 16 14:00:21 2021
Response via : Initial Calibration

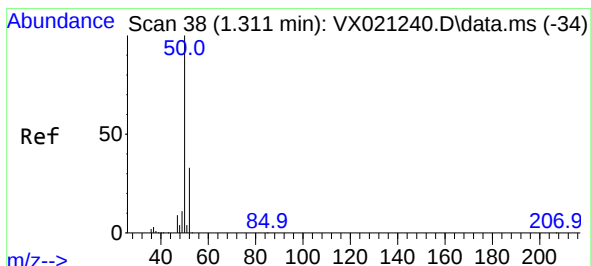
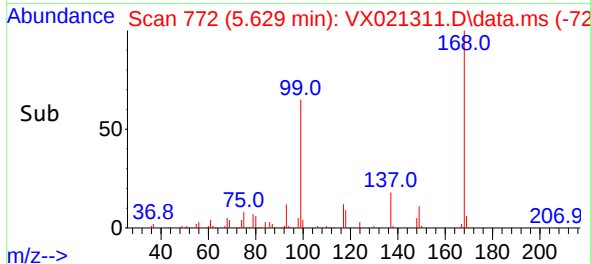
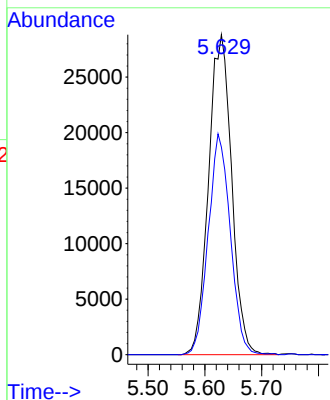
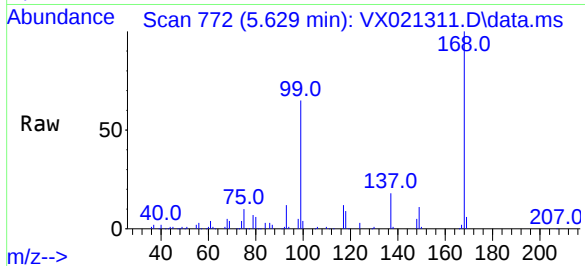




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.006 min
Lab File: VX021311.D
Acq: 19 Mar 2021 18:47

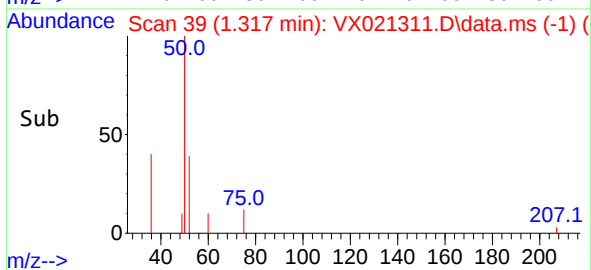
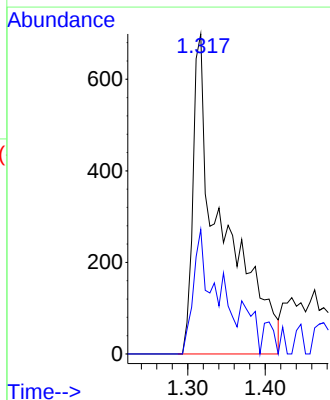
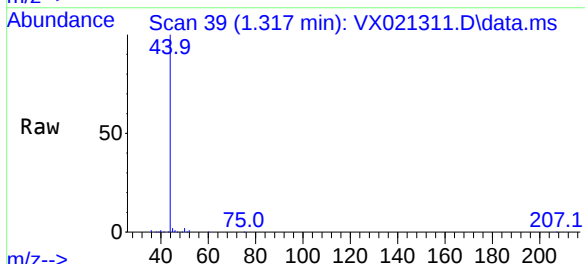
Instrument :
MSVOA_X
ClientSampleId :
210317059-01-VOA

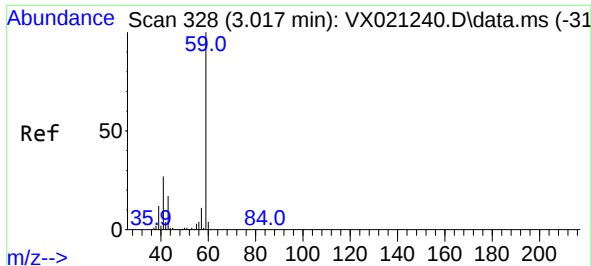
Tgt Ion:168 Resp: 81248
Ion Ratio Lower Upper
168 100
99 64.8 45.8 68.6



#3
Chloromethane
Concen: Below Cal
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021311.D
Acq: 19 Mar 2021 18:47

Tgt Ion: 50 Resp: 1829
Ion Ratio Lower Upper
50 100
52 38.9 26.4 39.6

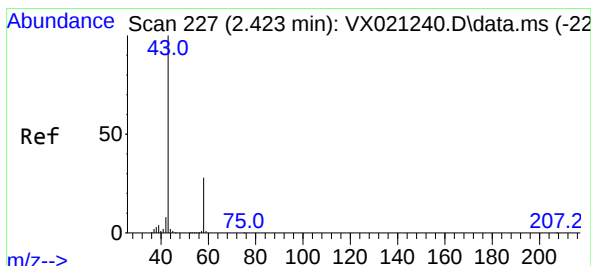
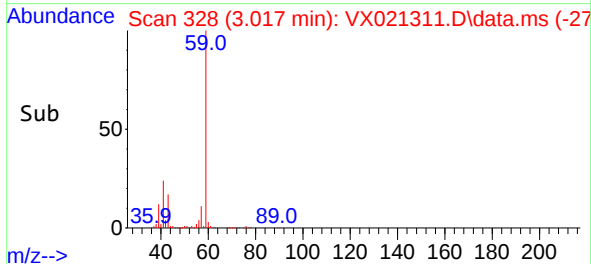
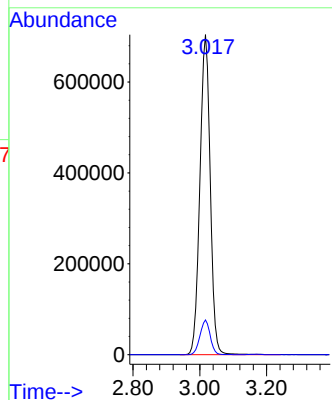
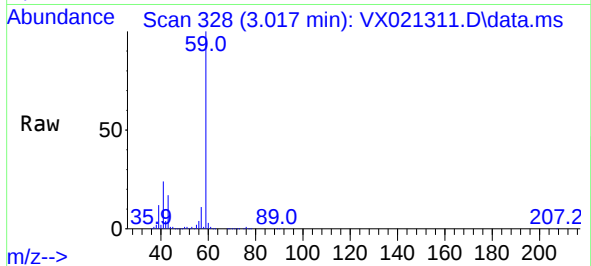




#11
Tert butyl alcohol
Concen: 6726.07 ug/l
RT: 3.017 min Scan# 328
Delta R.T. -0.000 min
Lab File: VX021311.D
Acq: 19 Mar 2021 18:47

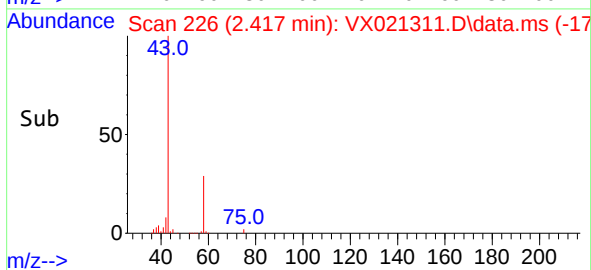
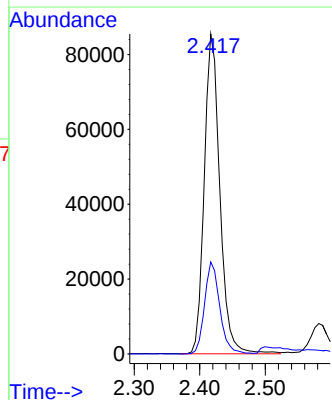
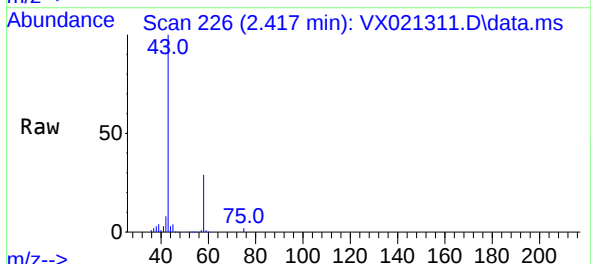
Instrument :
MSVOA_X
ClientSampleId :
210317059-01-VOA

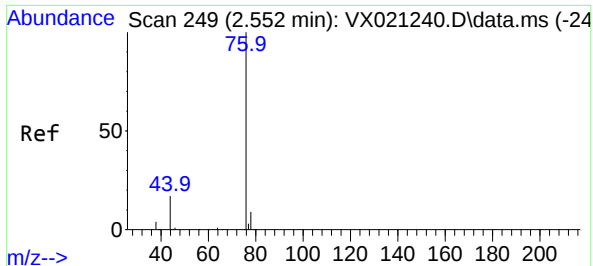
Tgt Ion: 59 Resp: 1505808
Ion Ratio Lower Upper
59 100
57 10.7 7.8 11.8



#16
Acetone
Concen: 288.64 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021311.D
Acq: 19 Mar 2021 18:47

Tgt Ion: 43 Resp: 141530
Ion Ratio Lower Upper
43 100
58 28.8 27.8 41.8

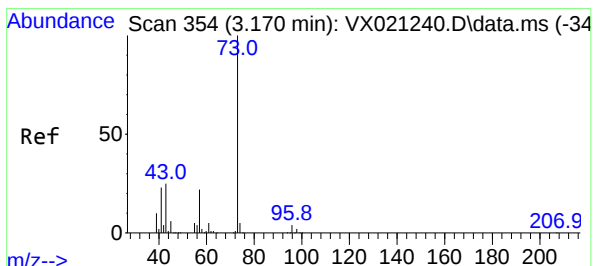
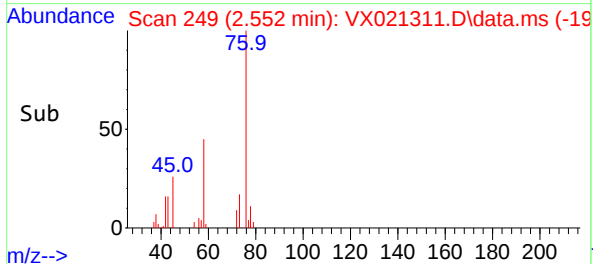
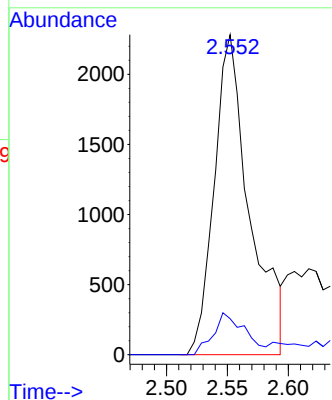
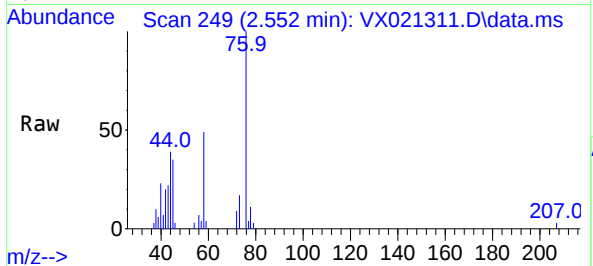




#17
Carbon Disulfide
Concen: 2.44 ug/l
RT: 2.552 min Scan# 249
Delta R.T. 0.000 min
Lab File: VX021311.D
Acq: 19 Mar 2021 18:47

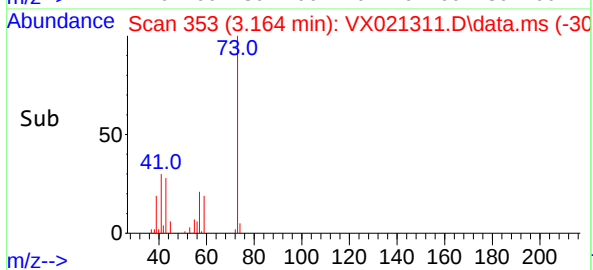
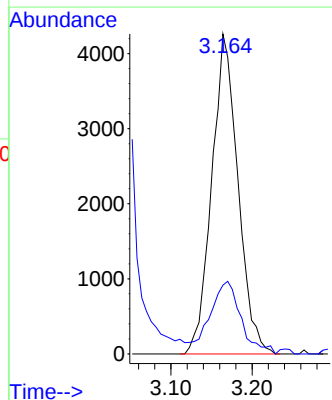
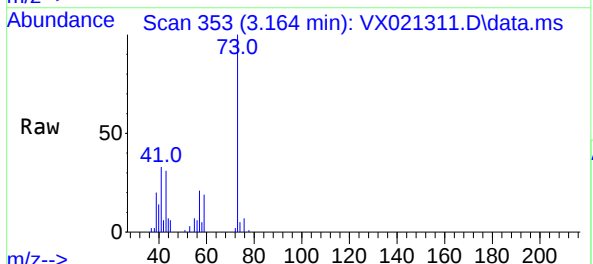
Instrument :
MSVOA_X
ClientSampleId :
210317059-01-VOA

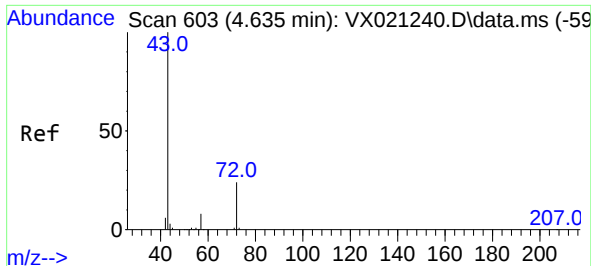
Tgt Ion: 76 Resp: 4629
Ion Ratio Lower Upper
76 100
78 11.3 7.2 10.8#



#19
Methyl tert-butyl Ether
Concen: 3.07 ug/l
RT: 3.164 min Scan# 353
Delta R.T. -0.006 min
Lab File: VX021311.D
Acq: 19 Mar 2021 18:47

Tgt Ion: 73 Resp: 9553
Ion Ratio Lower Upper
73 100
57 20.1 17.1 25.7

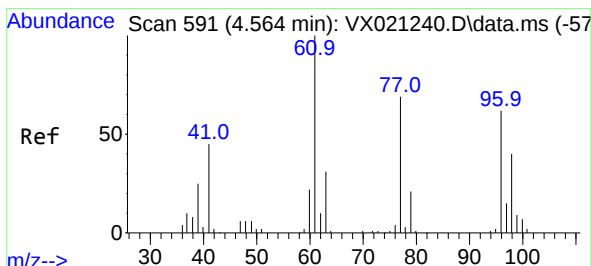
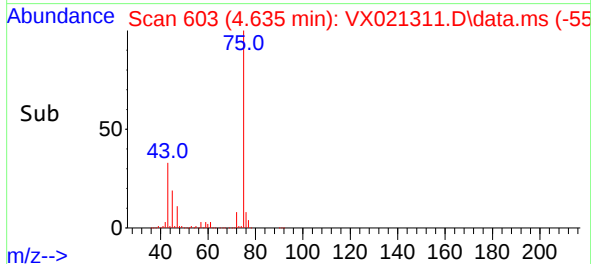
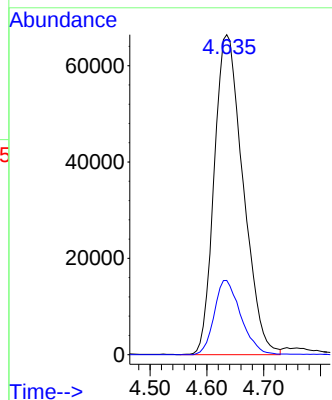
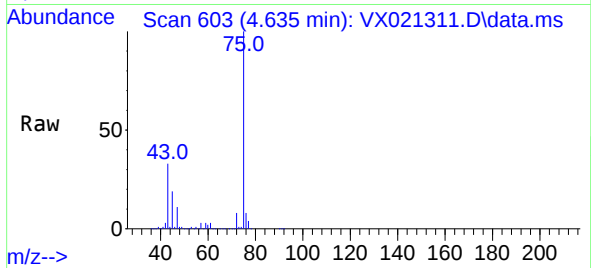




#25
2-Butanone
Concen: 311.16 ug/l
RT: 4.635 min Scan# 603
Delta R.T. -0.000 min
Lab File: VX021311.D
Acq: 19 Mar 2021 18:47

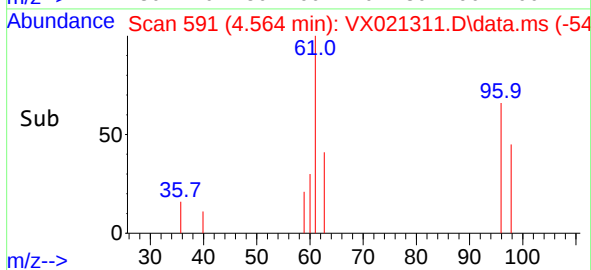
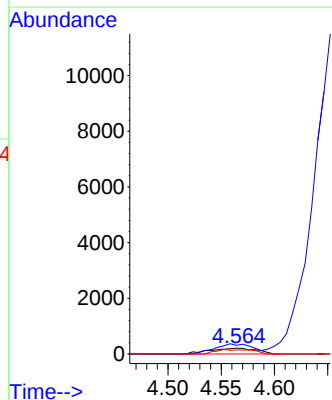
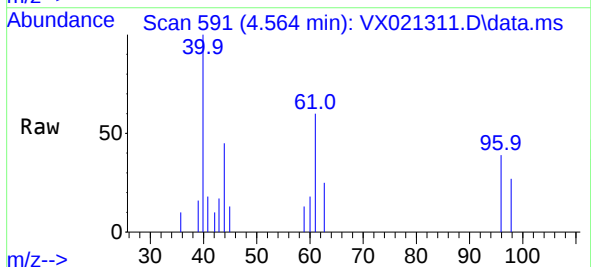
Instrument :
MSVOA_X
ClientSampleId :
210317059-01-VOA

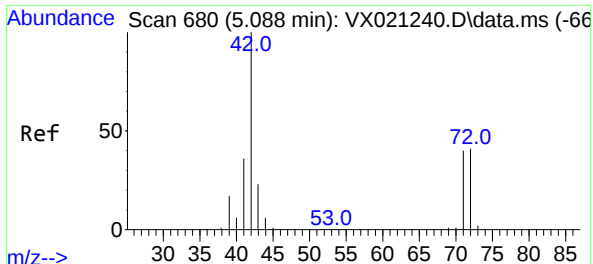
Tgt Ion: 43 Resp: 234618
Ion Ratio Lower Upper
43 100
72 23.2 23.7 35.5#



#27
cis-1,2-Dichloroethene
Concen: 0.59 ug/l
RT: 4.564 min Scan# 591
Delta R.T. 0.000 min
Lab File: VX021311.D
Acq: 19 Mar 2021 18:47

Tgt Ion: 96 Resp: 628
Ion Ratio Lower Upper
96 100
61 0.0 0.0 285.6
98 35.0 0.0 129.6

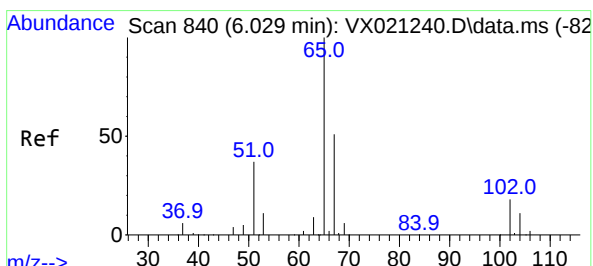
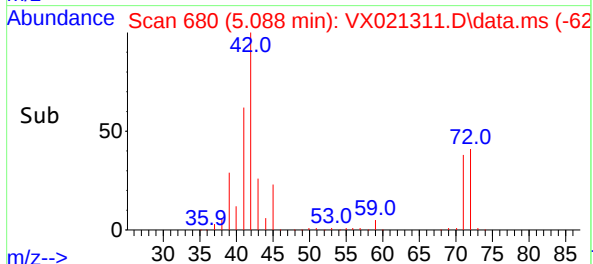
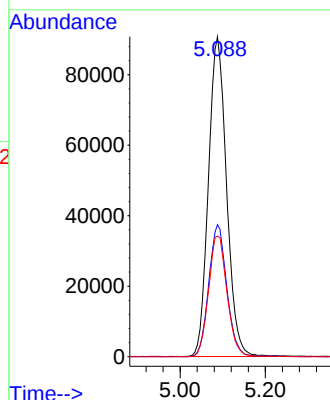
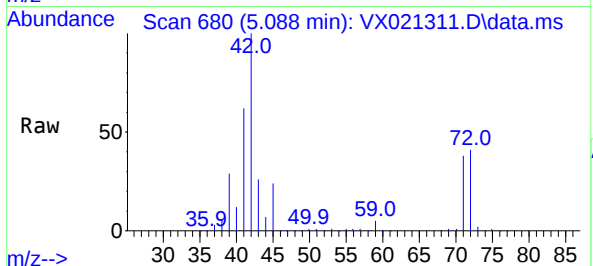




#29
Tetrahydrofuran
Concen: 536.96 ug/l
RT: 5.088 min Scan# 680
Delta R.T. -0.000 min
Lab File: VX021311.D
Acq: 19 Mar 2021 18:47

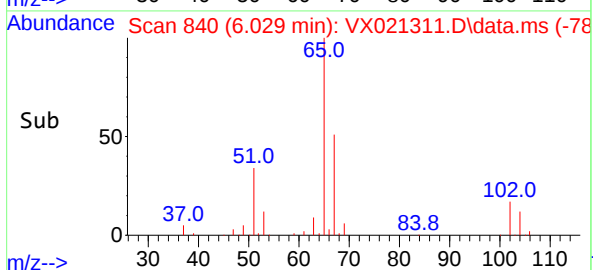
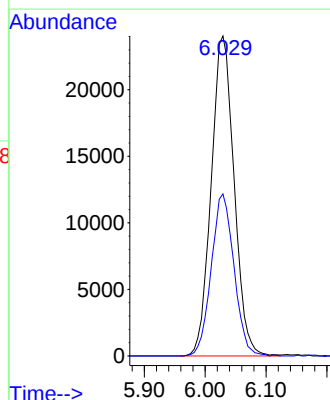
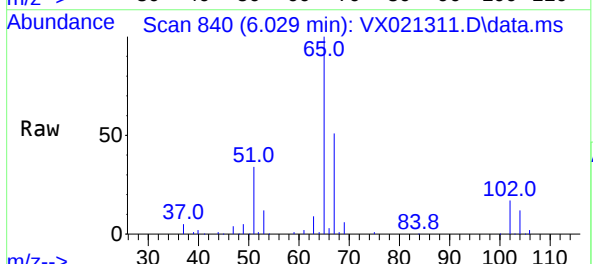
Instrument :
MSVOA_X
ClientSampleId :
210317059-01-VOA

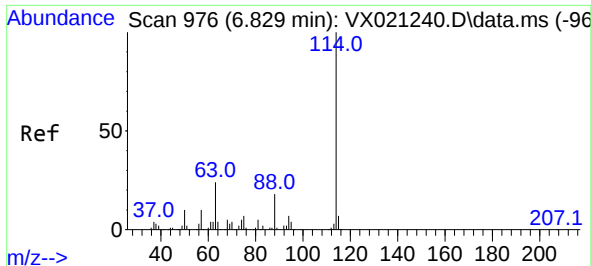
Tgt Ion: 42 Resp: 267399
Ion Ratio Lower Upper
42 100
72 41.0 41.7 62.5#
71 38.4 38.4 57.6



#33
1,2-Dichloroethane-d4
Concen: 47.14 ug/l
RT: 6.029 min Scan# 840
Delta R.T. 0.000 min
Lab File: VX021311.D
Acq: 19 Mar 2021 18:47

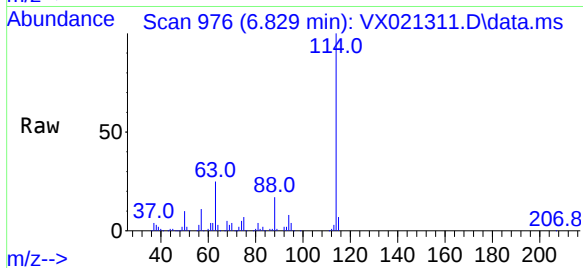
Tgt Ion: 65 Resp: 62815
Ion Ratio Lower Upper
65 100
67 50.2 0.0 105.4



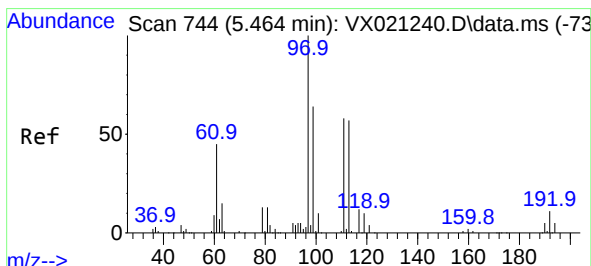
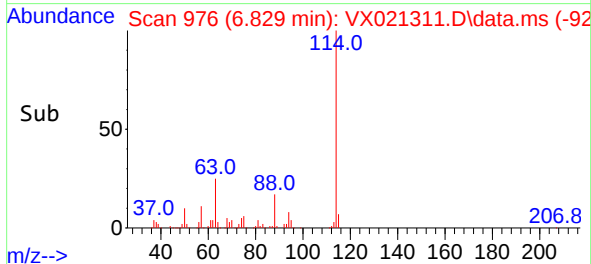
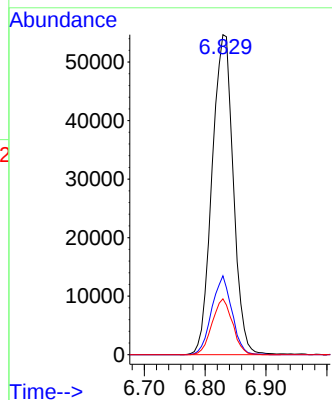


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX021311.D
Acq: 19 Mar 2021 18:47

Instrument :
MSVOA_X
ClientSampleId :
210317059-01-VOA

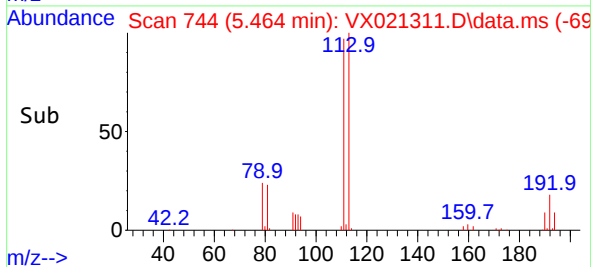
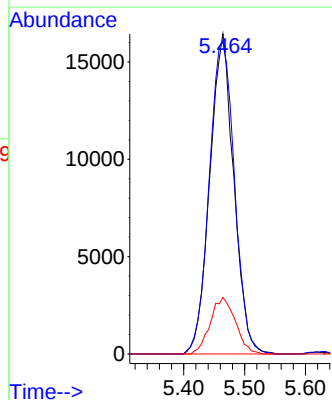
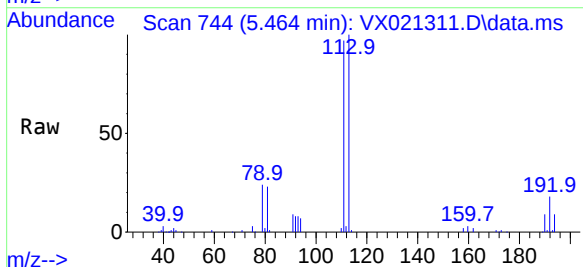


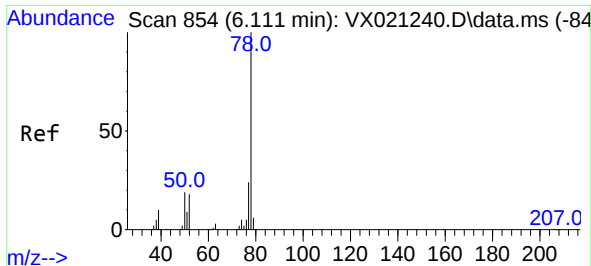
Tgt Ion:114 Resp: 132142
Ion Ratio Lower Upper
114 100
63 24.7 0.0 40.8
88 17.5 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.01 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021311.D
Acq: 19 Mar 2021 18:47

Tgt Ion:113 Resp: 44964
Ion Ratio Lower Upper
113 100
111 103.0 81.9 122.9
192 18.5 16.7 25.1

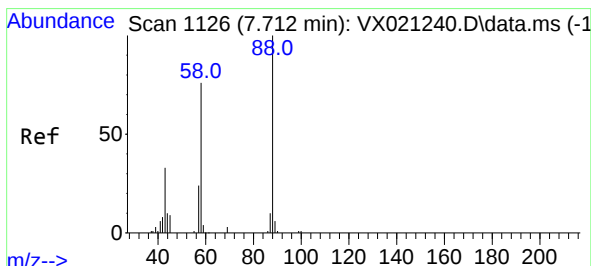
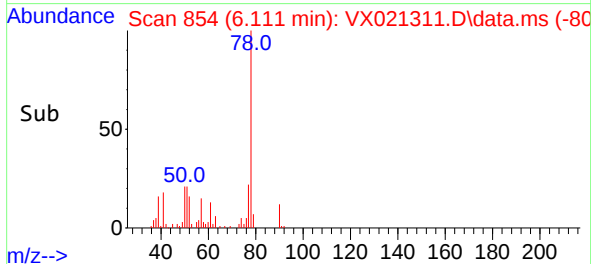
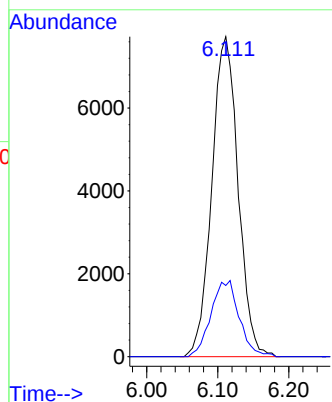
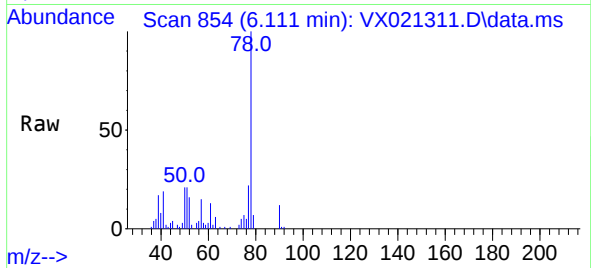




#40
Benzene
Concen: 5.40 ug/l
RT: 6.111 min Scan# 854
Delta R.T. 0.000 min
Lab File: VX021311.D
Acq: 19 Mar 2021 18:47

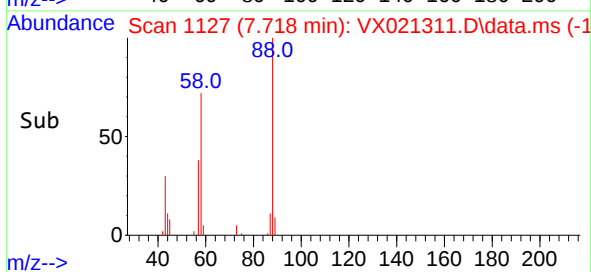
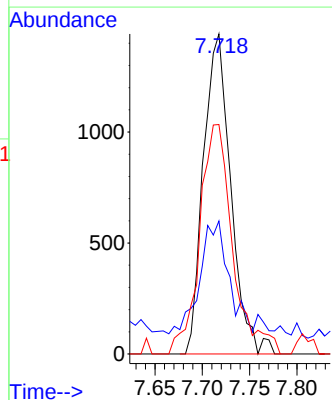
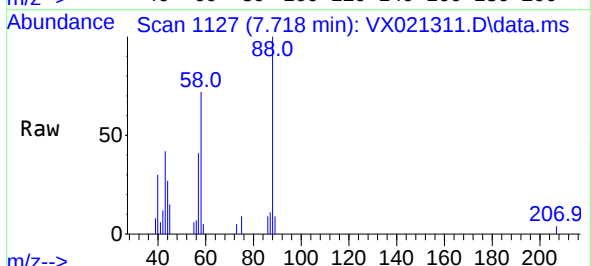
Instrument :
MSVOA_X
ClientSampleId :
210317059-01-VOA

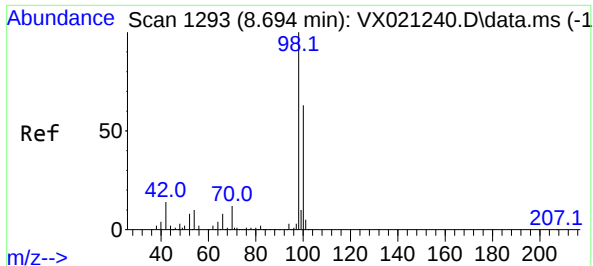
Tgt Ion: 78 Resp: 19817
Ion Ratio Lower Upper
78 100
77 22.2 18.9 28.3



#49
1,4-Dioxane
Concen: 117.17 ug/l
RT: 7.718 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VX021311.D
Acq: 19 Mar 2021 18:47

Tgt Ion: 88 Resp: 2904
Ion Ratio Lower Upper
88 100
43 37.1 23.2 34.8#
58 86.3 55.0 82.4#

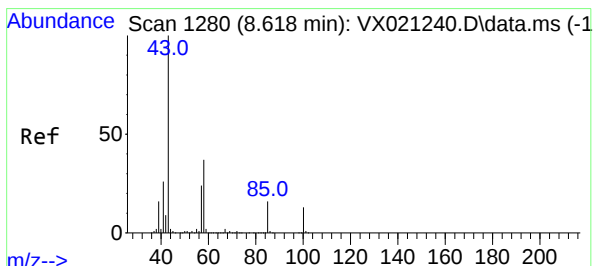
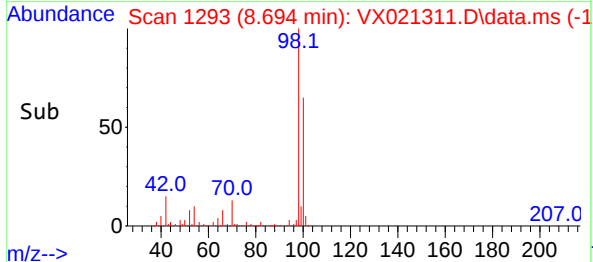
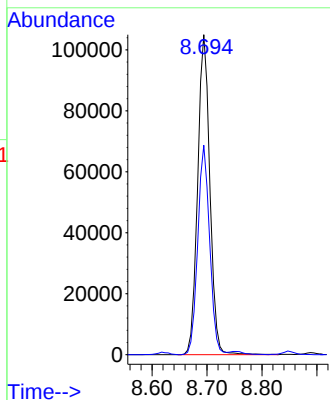
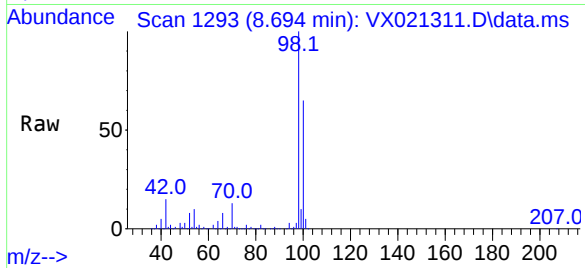




#50
Toluene-d8
Concen: 49.67 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021311.D
Acq: 19 Mar 2021 18:47

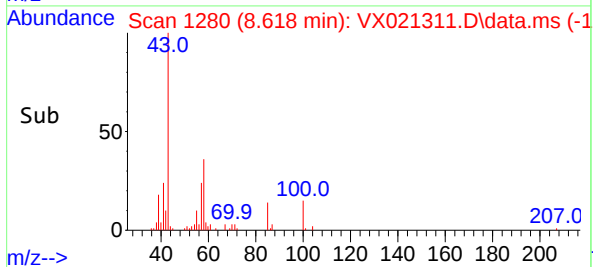
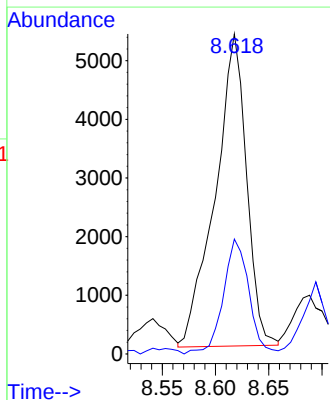
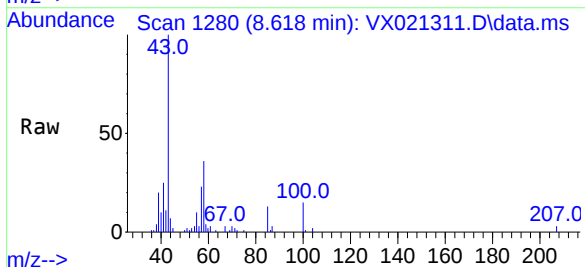
Instrument :
MSVOA_X
ClientSampleId :
210317059-01-VOA

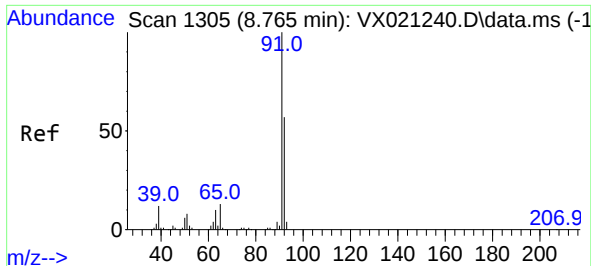
Tgt Ion: 98 Resp: 162041
Ion Ratio Lower Upper
98 100
100 63.8 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 7.40 ug/l
RT: 8.618 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VX021311.D
Acq: 19 Mar 2021 18:47

Tgt Ion: 43 Resp: 10897
Ion Ratio Lower Upper
43 100
58 30.0 35.4 53.0#

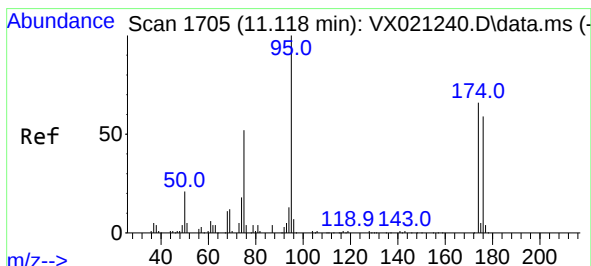
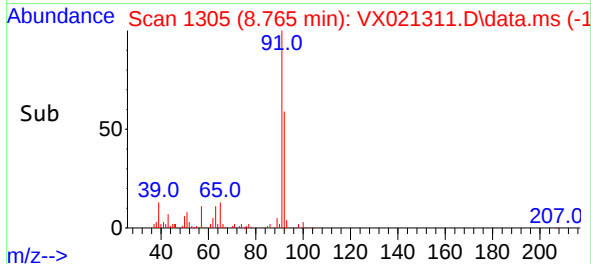
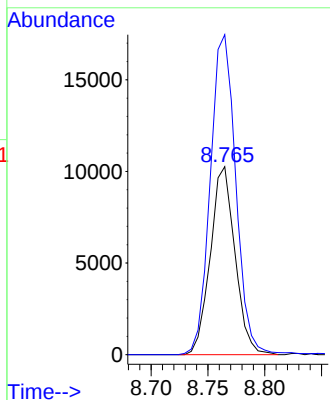
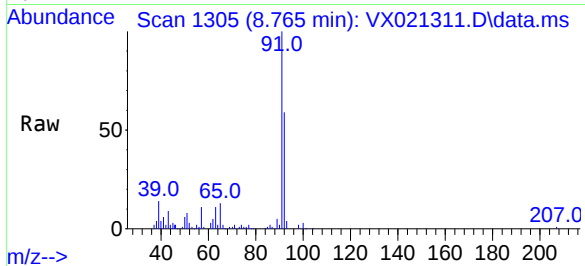




#52
Toluene
Concen: 6.84 ug/l
RT: 8.765 min Scan# 1305
Delta R.T. -0.000 min
Lab File: VX021311.D
Acq: 19 Mar 2021 18:47

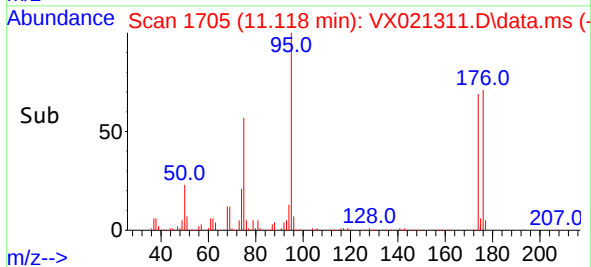
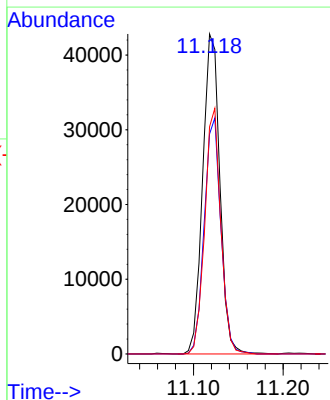
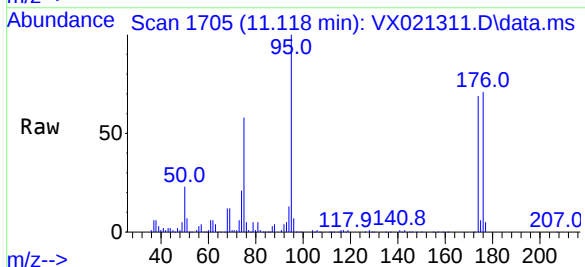
Instrument :
MSVOA_X
ClientSampleId :
210317059-01-VOA

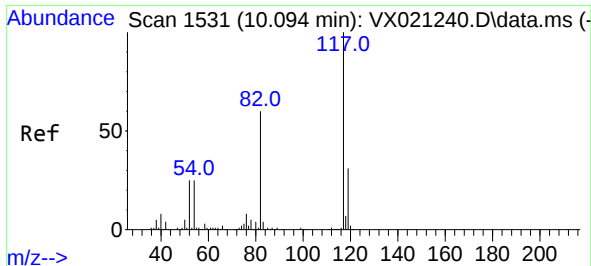
Tgt Ion: 92 Resp: 15524
Ion Ratio Lower Upper
92 100
91 176.3 137.1 205.7



#62
4-Bromofluorobenzene
Concen: 44.89 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021311.D
Acq: 19 Mar 2021 18:47

Tgt Ion: 95 Resp: 56875
Ion Ratio Lower Upper
95 100
174 71.6 0.0 154.6
176 71.7 0.0 155.8

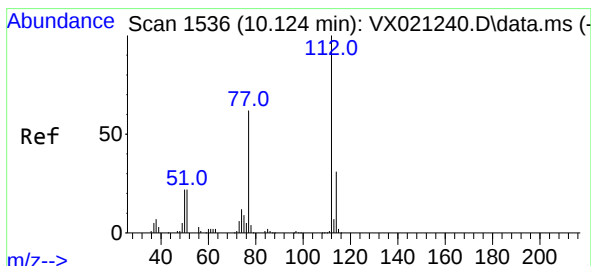
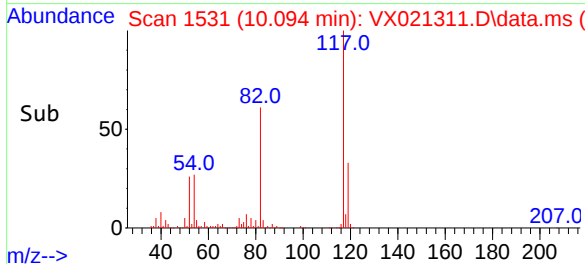
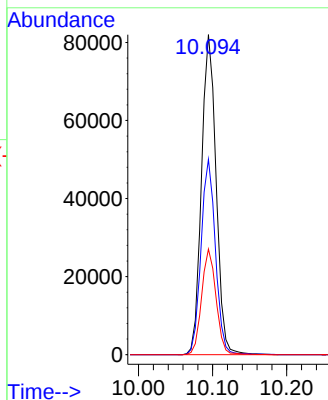
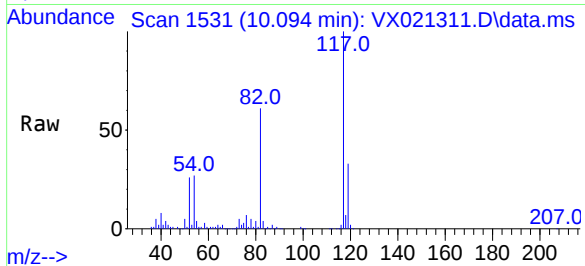




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021311.D
Acq: 19 Mar 2021 18:47

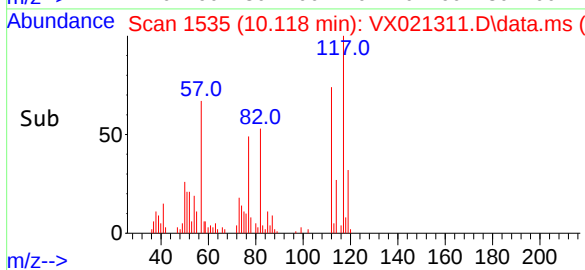
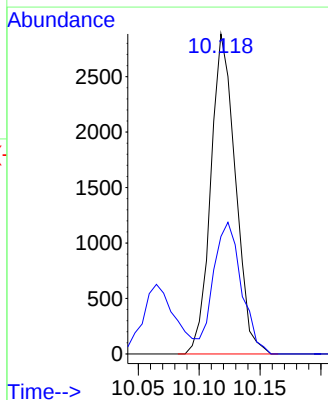
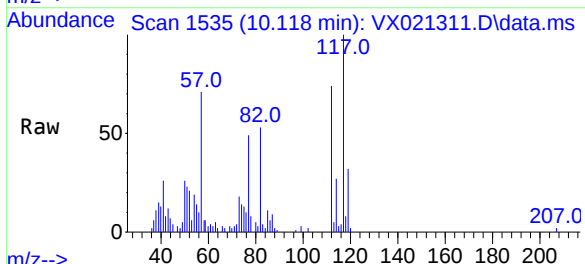
Instrument :
MSVOA_X
ClientSampleId :
210317059-01-VOA

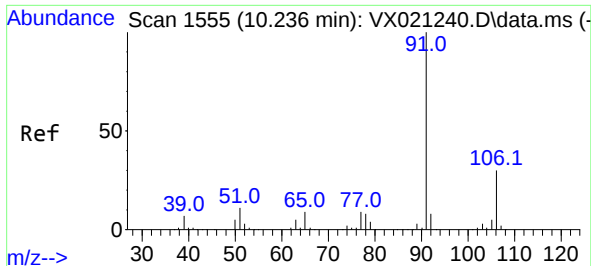
Tgt Ion:117 Resp: 112349
Ion Ratio Lower Upper
117 100
82 61.0 47.4 71.2
119 33.0 26.6 39.8



#65
Chlorobenzene
Concen: 1.76 ug/l
RT: 10.118 min Scan# 1535
Delta R.T. -0.006 min
Lab File: VX021311.D
Acq: 19 Mar 2021 18:47

Tgt Ion:112 Resp: 4065
Ion Ratio Lower Upper
112 100
114 36.7 25.8 38.6

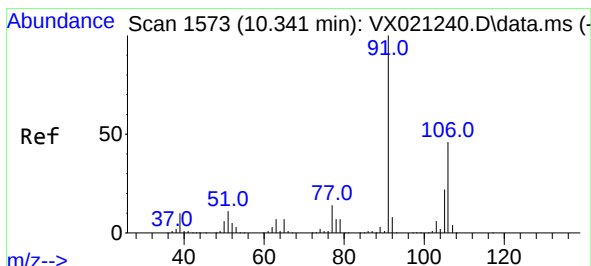
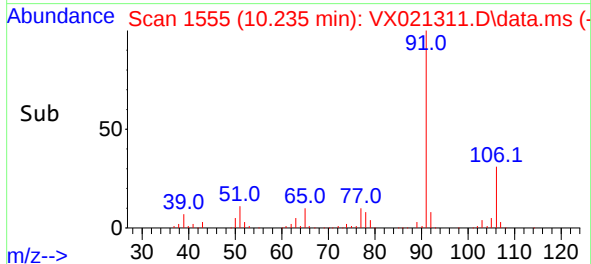
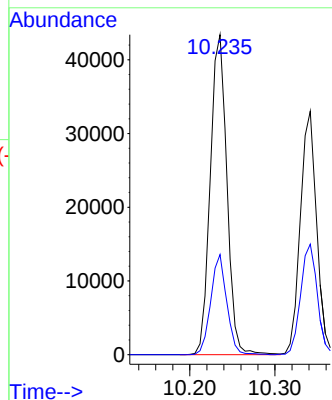
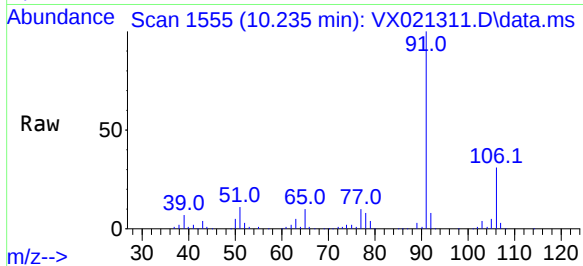




#67
Ethyl Benzene
Concen: 13.79 ug/l
RT: 10.235 min Scan# 1555
Delta R.T. -0.001 min
Lab File: VX021311.D
Acq: 19 Mar 2021 18:47

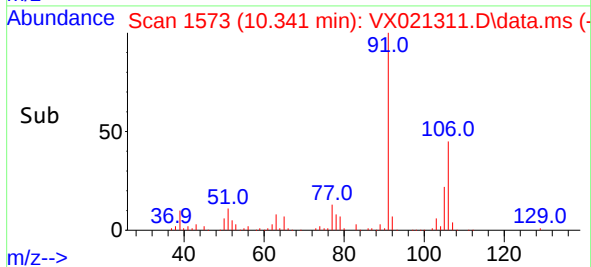
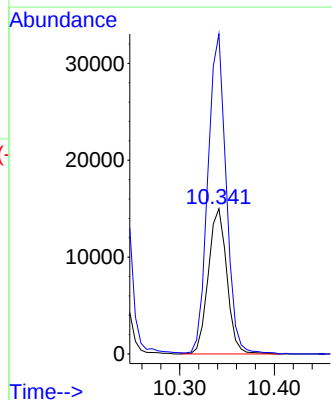
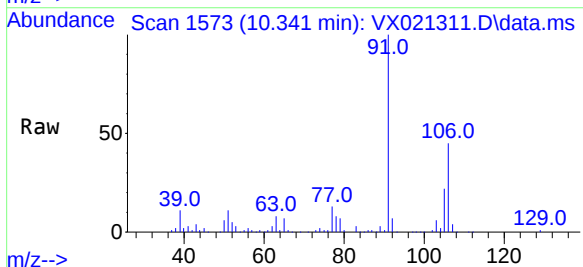
Instrument :
MSVOA_X
ClientSampleId :
210317059-01-VOA

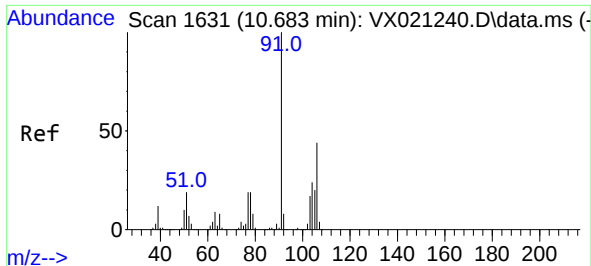
Tgt Ion: 91 Resp: 58898
Ion Ratio Lower Upper
91 100
106 31.3 24.6 37.0



#68
m/p-Xylenes
Concen: 13.39 ug/l
RT: 10.341 min Scan# 1573
Delta R.T. 0.000 min
Lab File: VX021311.D
Acq: 19 Mar 2021 18:47

Tgt Ion:106 Resp: 20431
Ion Ratio Lower Upper
106 100
91 216.8 162.8 244.2

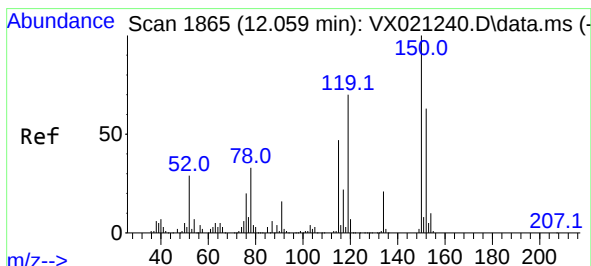
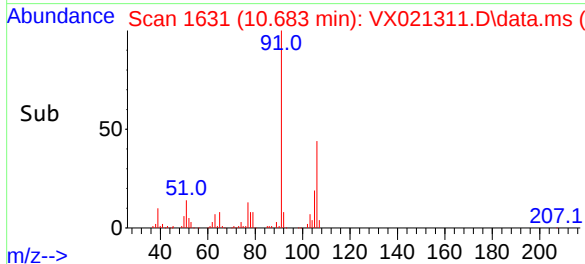
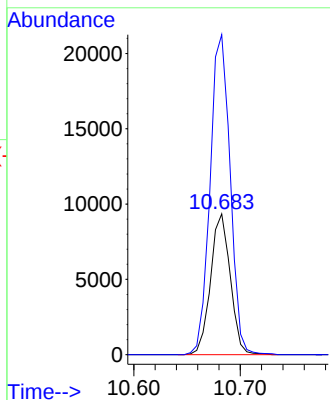
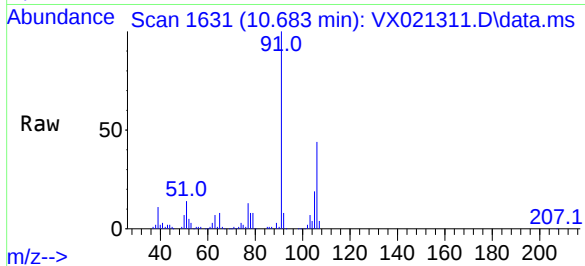




#69
o-Xylene
Concen: 8.10 ug/l
RT: 10.683 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VX021311.D
Acq: 19 Mar 2021 18:47

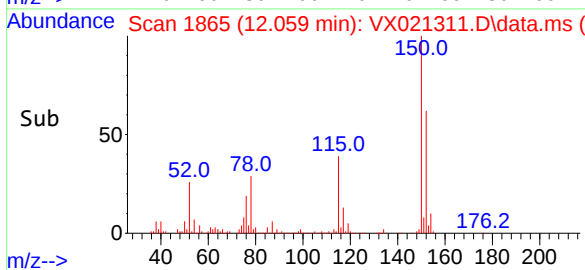
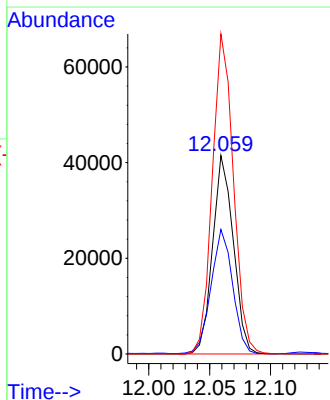
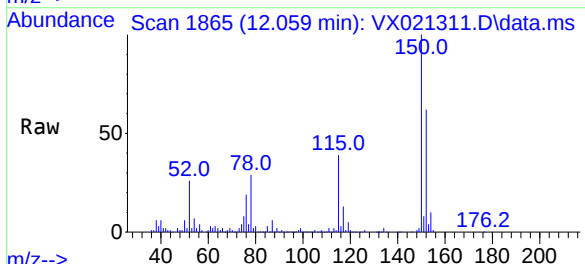
Instrument :
MSVOA_X
ClientSampleId :
210317059-01-VOA

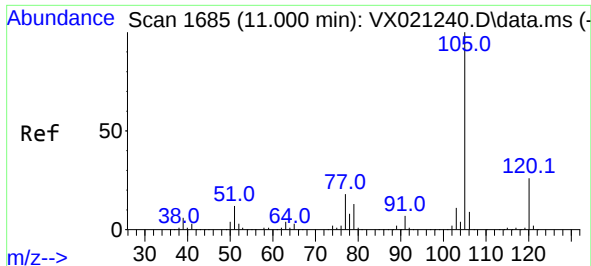
Tgt Ion:106 Resp: 12014
Ion Ratio Lower Upper
106 100
91 231.5 108.1 324.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021311.D
Acq: 19 Mar 2021 18:47

Tgt Ion:152 Resp: 49185
Ion Ratio Lower Upper
152 100
115 65.2 41.1 123.3
150 163.9 0.0 349.0

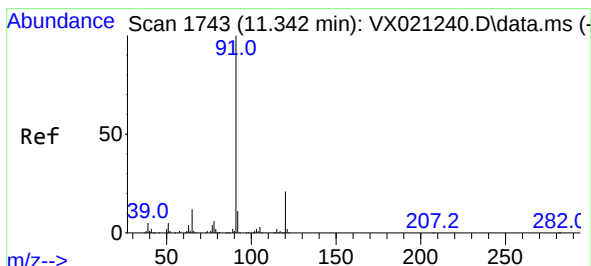
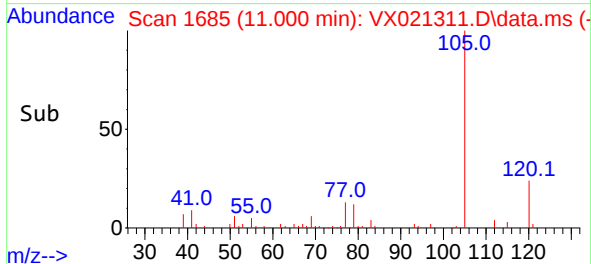
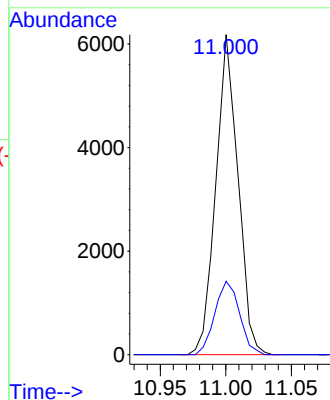
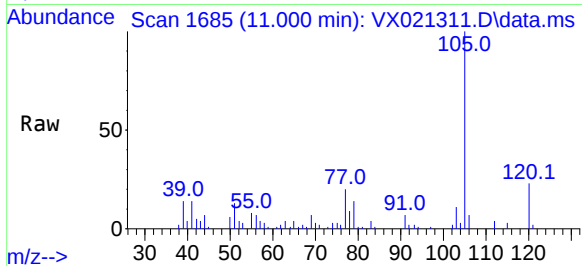




#73
Isopropylbenzene
Concen: 1.98 ug/l
RT: 11.000 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX021311.D
Acq: 19 Mar 2021 18:47

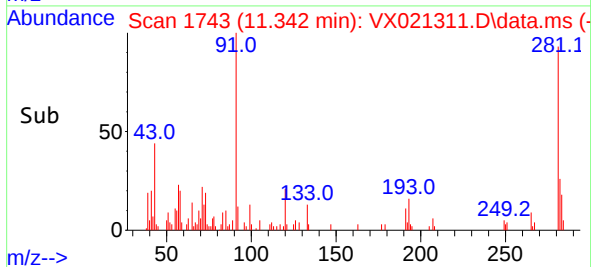
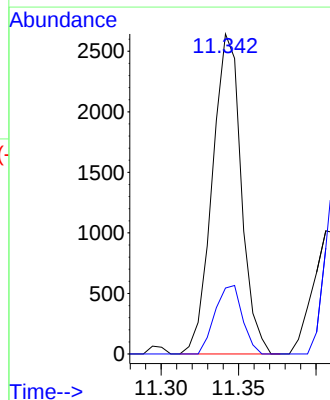
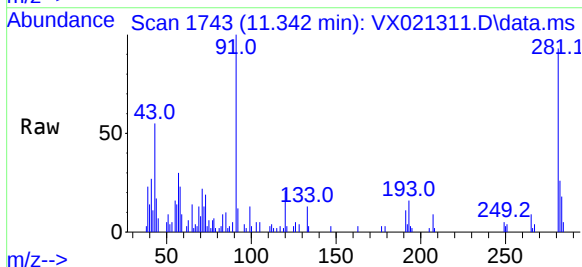
Instrument :
MSVOA_X
ClientSampleId :
210317059-01-VOA

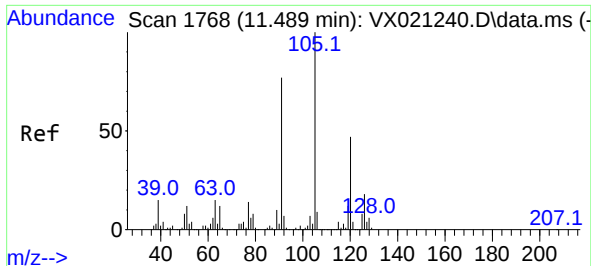
Tgt Ion:105 Resp: 7250
Ion Ratio Lower Upper
105 100
120 25.6 13.2 39.6



#78
n-propylbenzene
Concen: 0.80 ug/l
RT: 11.342 min Scan# 1743
Delta R.T. -0.001 min
Lab File: VX021311.D
Acq: 19 Mar 2021 18:47

Tgt Ion: 91 Resp: 3427
Ion Ratio Lower Upper
91 100
120 20.3 11.5 34.5

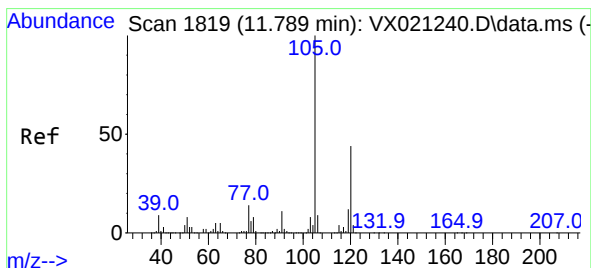
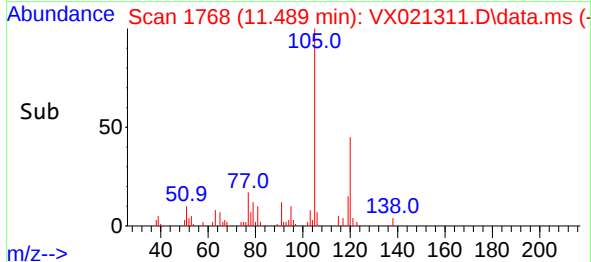
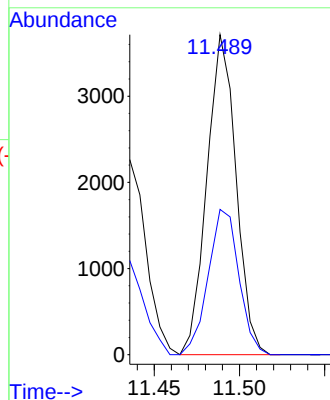
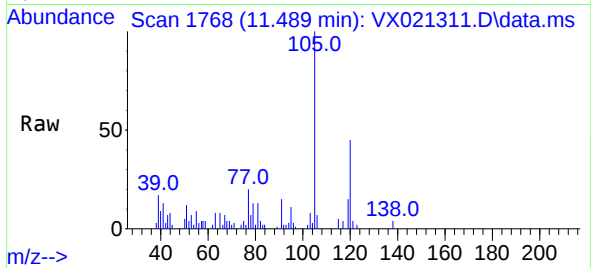




#80
1,3,5-Trimethylbenzene
Concen: 1.43 ug/l
RT: 11.489 min Scan# 1768
Delta R.T. -0.000 min
Lab File: VX021311.D
Acq: 19 Mar 2021 18:47

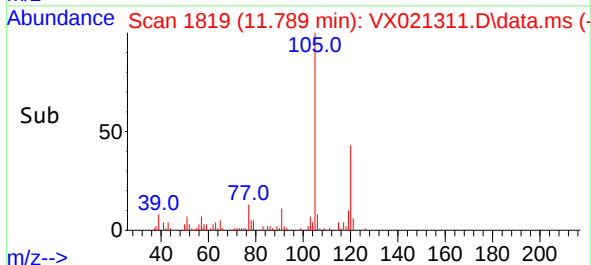
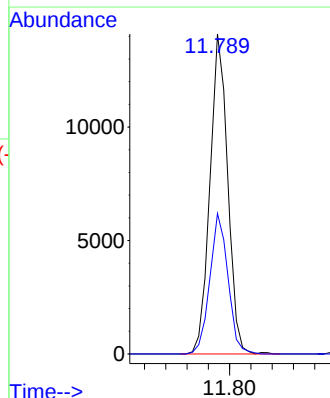
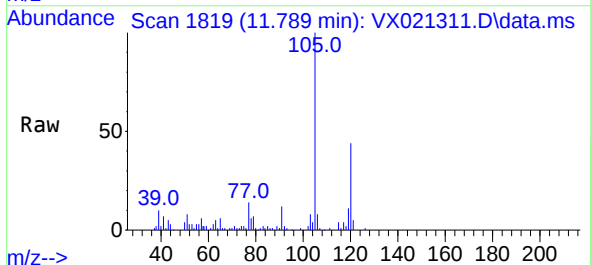
Instrument :
MSVOA_X
ClientSampleId :
210317059-01-VOA

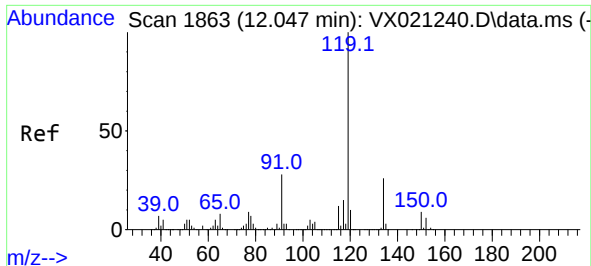
Tgt Ion:105 Resp: 4417
Ion Ratio Lower Upper
105 100
120 47.9 23.8 71.5



#84
1,2,4-Trimethylbenzene
Concen: 5.20 ug/l
RT: 11.789 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VX021311.D
Acq: 19 Mar 2021 18:47

Tgt Ion:105 Resp: 16334
Ion Ratio Lower Upper
105 100
120 44.9 22.4 67.3

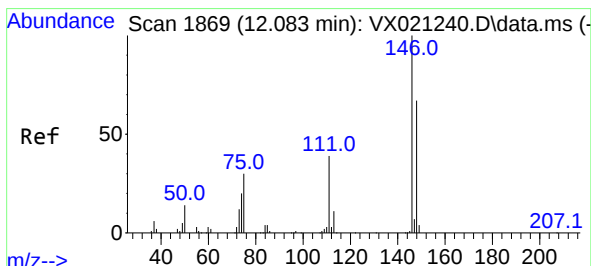
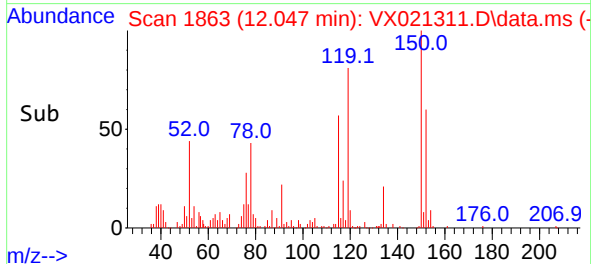
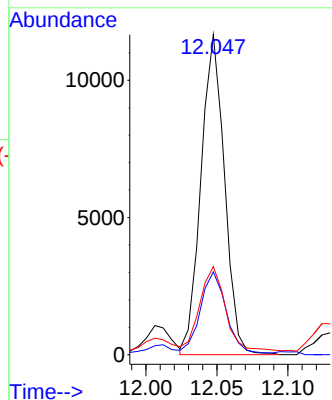
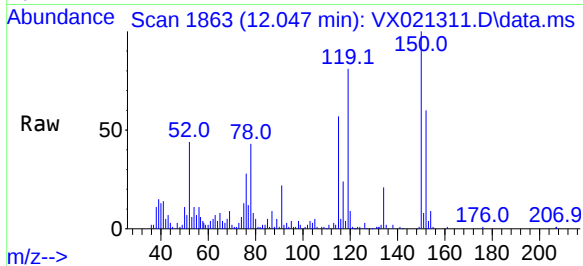




#86
p-Isopropyltoluene
Concen: 4.23 ug/l
RT: 12.047 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VX021311.D
Acq: 19 Mar 2021 18:47

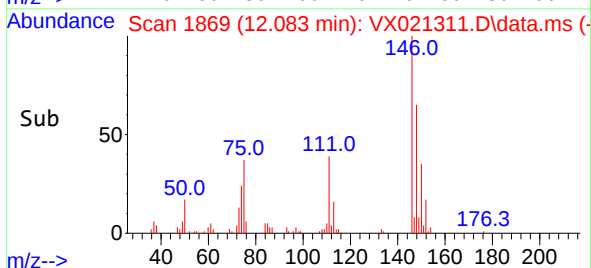
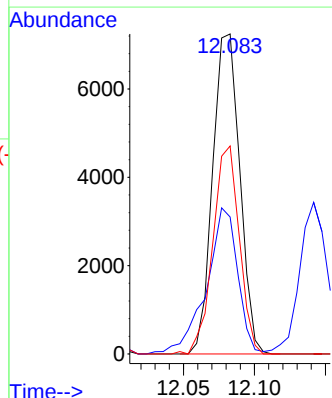
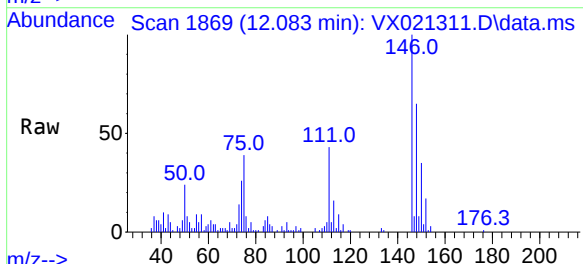
Instrument :
MSVOA_X
ClientSampleId :
210317059-01-VOA

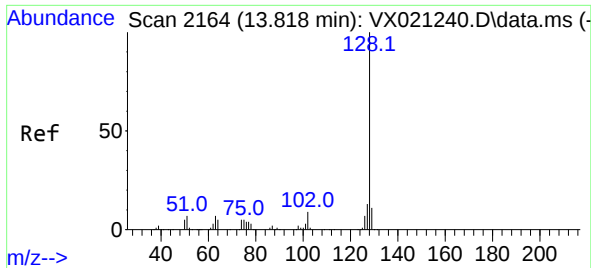
Tgt Ion:	119	Resp:	13440
Ion	Ratio	Lower	Upper
119	100		
134	29.0	12.9	38.7
91	31.5	11.7	35.0



#88
1,4-Dichlorobenzene
Concen: 5.94 ug/l
RT: 12.083 min Scan# 1869
Delta R.T. -0.000 min
Lab File: VX021311.D
Acq: 19 Mar 2021 18:47

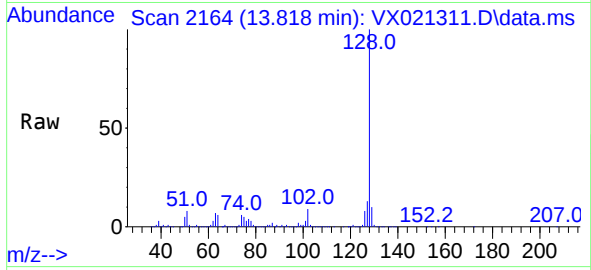
Tgt Ion:	146	Resp:	9610
Ion	Ratio	Lower	Upper
146	100		
111	52.9	19.6	58.8
148	63.4	31.6	95.0





#95
Naphthalene
Concen: 58.77 ug/l
RT: 13.818 min Scan# 2164
Delta R.T. 0.000 min
Lab File: VX021311.D
Acq: 19 Mar 2021 18:47

Instrument :
MSVOA_X
ClientSampleId :
210317059-01-VOA



Tgt Ion:128 Resp: 205043

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.3	15.5
129	10.7	8.8	13.2

