

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
 Data File : VW018697.D
 Acq On : 20 Apr 2021 17:36
 Operator : SY/VA
 Sample : M2065-18
 Misc : 2.60G/10ML/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG571

Quant Time: Apr 21 01:32:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Apr 21 01:26:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	389748	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	224173	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	55093	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	73819	12.46	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	49.84%		
7) Chloroethane-d5	2.581	69	229	0.04	ug/L	-0.31
Spiked Amount 25.000	Range 30 - 150		Recovery =	0.16%#		
11) 1,1-Dichloroethene-d2	4.019	63	84317	8.20	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	32.80%#		
21) 2-Butanone-d5	7.086	46	88589	65.71	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery =	131.42%		
24) Chloroform-d	7.653	84	178779	16.71	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	66.84%		
26) 1,2-Dichloroethane-d4	8.311	65	115731	19.24	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	76.96%		
32) Benzene-d6	8.275	84	291697	22.18	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	88.72%		
36) 1,2-Dichloropropane-d6	9.275	67	106356	26.84	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	107.36%		
41) Toluene-d8	10.323	98	193810	16.11	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	64.44%		
43) trans-1,3-Dichloroprop...	10.579	79	22176	13.14	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	52.56%		
47) 2-Hexanone-d5	10.927	63	70992	103.02	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	206.04%#		
56) 1,1,2,2-Tetrachloroeth...	12.695	84	94967	28.69	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	114.76%		
66) 1,2-Dichlorobenzene-d4	13.853	152	36117	18.66	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	74.64%#		
Target Compounds					Qvalue	
13) Acetone	4.135	43	52011	53.15	ug/L	89
14) Carbon disulfide	4.391	76	31642	2.07	ug/L #	92
16) Methylene chloride	4.916	84	34066	5.33	ug/L	97
22) 2-Butanone	7.177	43	21741	14.62	ug/L	100
35) Methylcyclohexane	9.342	83	2098	0.33	ug/L #	42
40) 4-Methyl-2-pentanone	10.213	43	5581	2.55	ug/L	93
42) Toluene	10.390	91	5290	0.35	ug/L	94
54) o-Xylene	12.170	106	4196	0.71	ug/L	84
57) 1,1,2,2-Tetrachloroethane	12.926	83	2892	0.88	ug/L	97
59) Bromoform	12.341	173	803	1.02	ug/L #	60
60) Isopropylbenzene	12.859	105	3073	0.38	ug/L	95
61) 1,2,3-Trichloropropane	13.554	75	7295	5.80	ug/L	95
62) 1,3,5-Trimethylbenzene	12.945	105	4850	0.72	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	5172	0.77	ug/L	93
65) 1,4-Dichlorobenzene	13.573	146	1646	0.47	ug/L #	1
71) Naphthalene	15.365	128	3422	0.81	ug/L #	76
72) 1,2,3-Trichlorobenzene	15.572	180	878	0.50	ug/L #	37

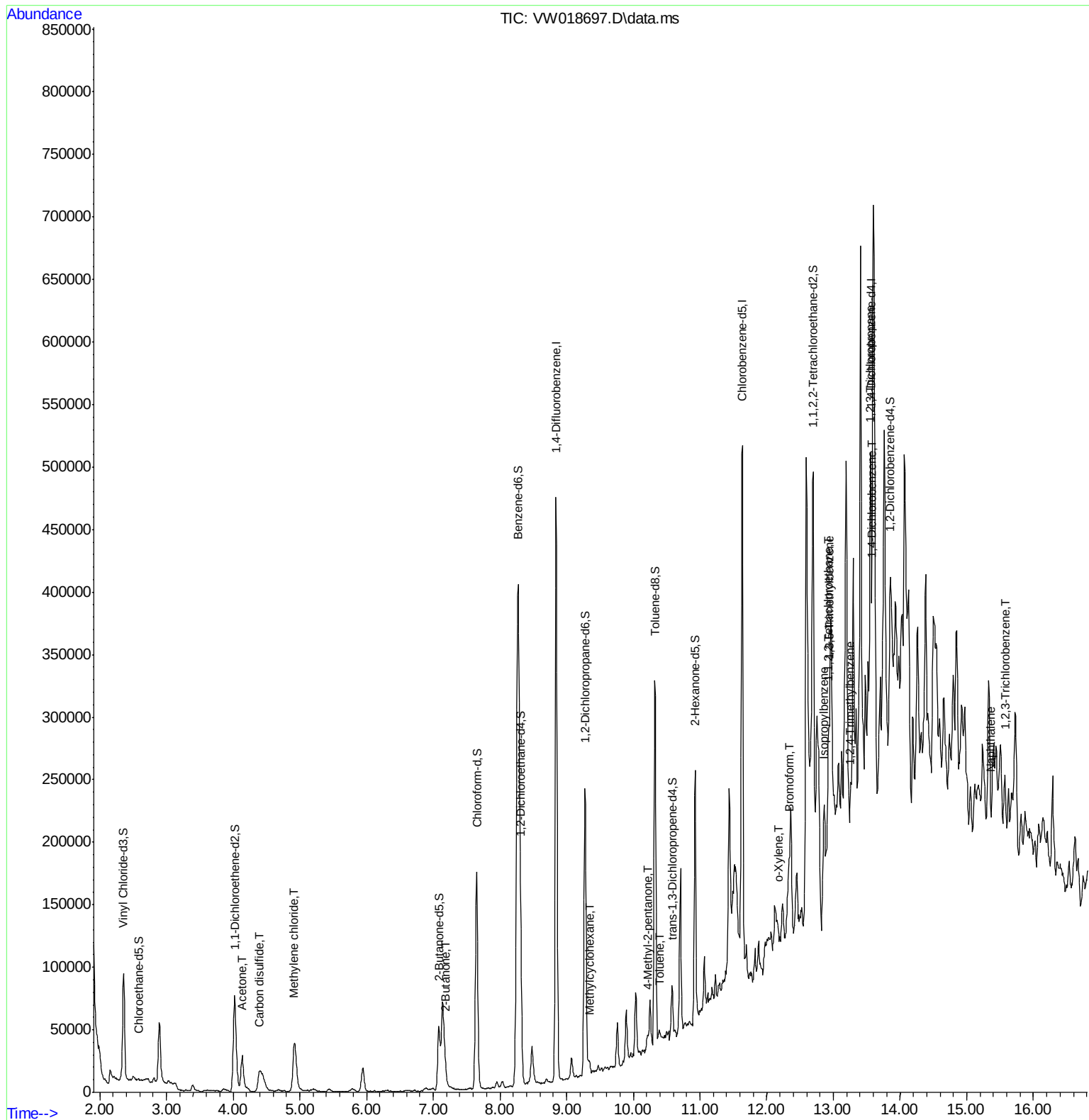
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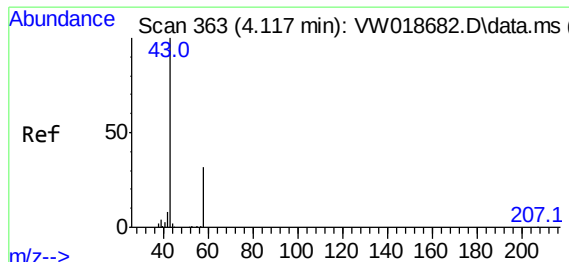
Instrument :
MSVOA_W
ClientSampleId :
BG571

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Quant Title : SFAM01.0
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Response via : Initial Calibration

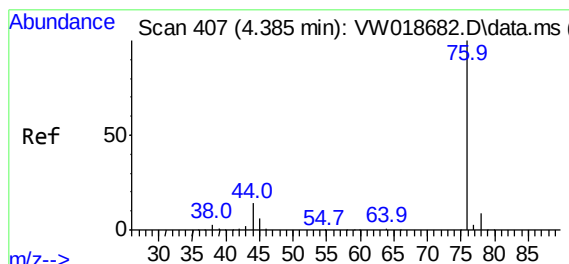
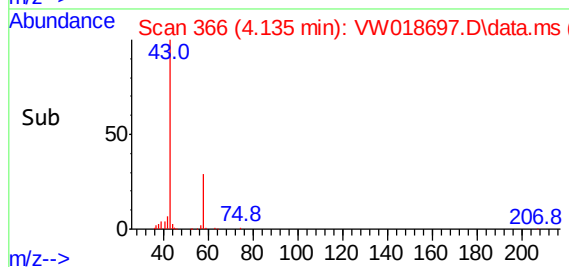
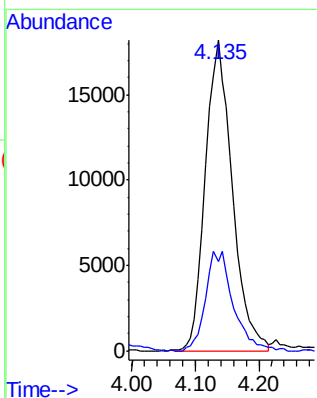
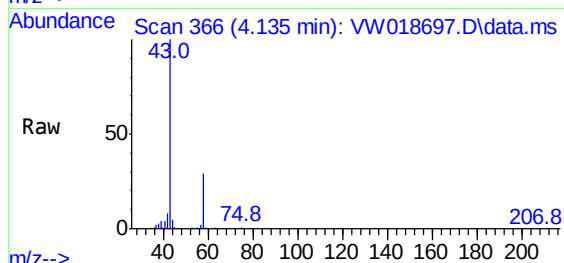




#13
Acetone
Concen: 53.15 ug/L
RT: 4.135 min Scan# 366
Delta R.T. 0.019 min
Lab File: VW018697.D
Acq: 20 Apr 2021 17:36

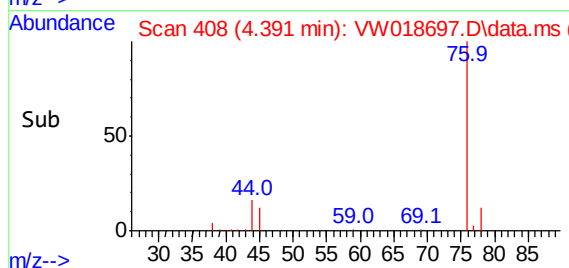
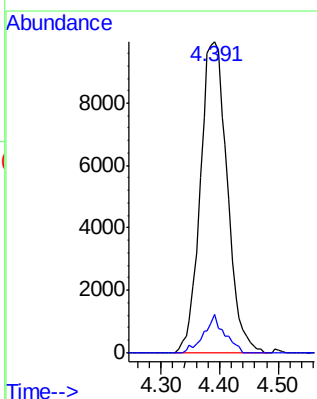
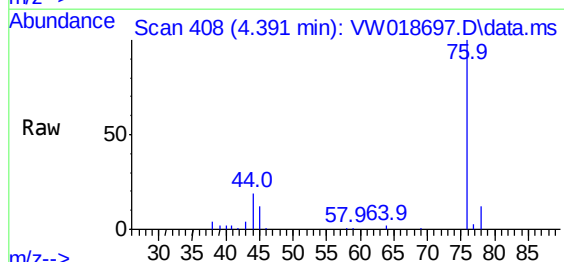
Instrument :
MSVOA_W
ClientSampled :
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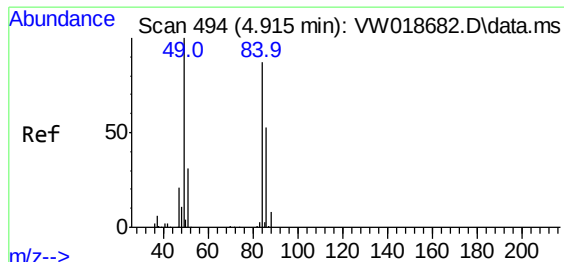
Tgt Ion: 43 Resp: 52011
Ion Ratio Lower Upper
43 100
58 32.6 0.0 53.8



#14
Carbon disulfide
Concen: 2.07 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
Lab File: VW018697.D
Acq: 20 Apr 2021 17:36

Tgt Ion: 76 Resp: 31642
Ion Ratio Lower Upper
76 100
78 12.1 7.4 11.0#



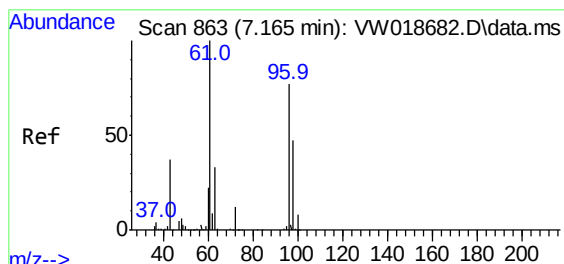
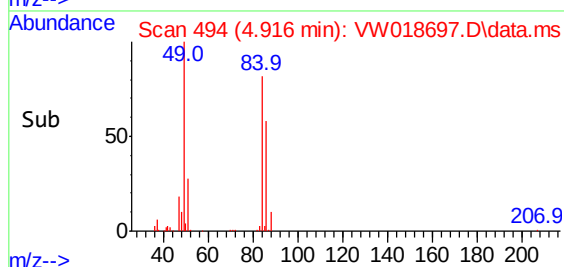
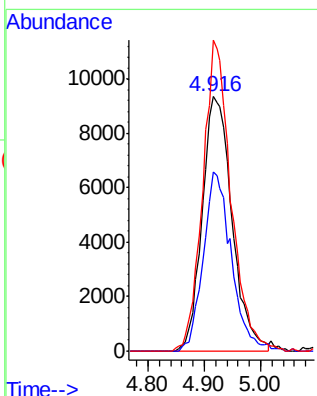
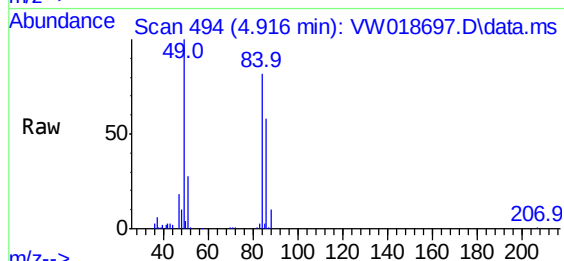


#16
Methylene chloride
Concen: 5.33 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW018697.D
Acq: 20 Apr 2021 17:36

Instrument :
MSVOA_W
ClientSampleId :
BG571

Tgt Ion: 84 Resp: 34066

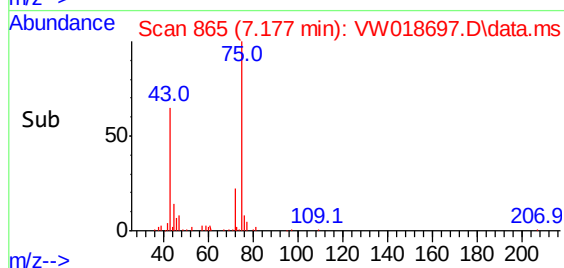
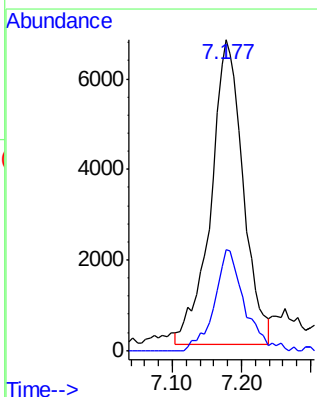
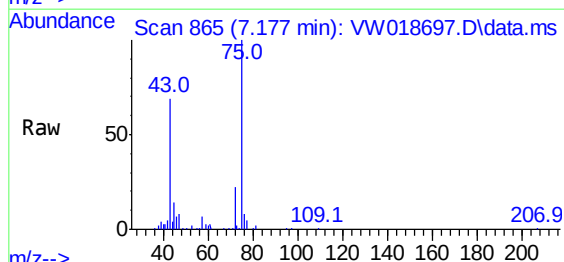
Ion	Ratio	Lower	Upper
84	100		
86	70.3	45.3	84.1
49	122.3	86.6	160.8

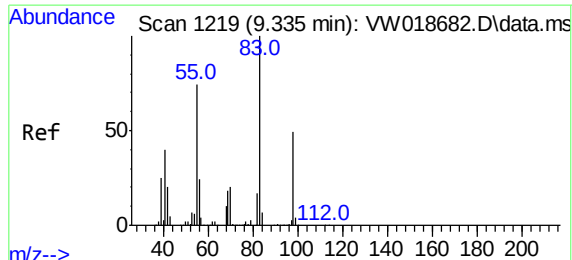


#22
2-Butanone
Concen: 14.62 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.013 min
Lab File: VW018697.D
Acq: 20 Apr 2021 17:36

Tgt Ion: 43 Resp: 21741

Ion	Ratio	Lower	Upper
43	100		
72	29.8	14.9	44.7

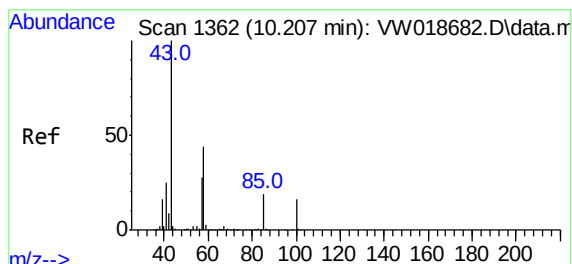
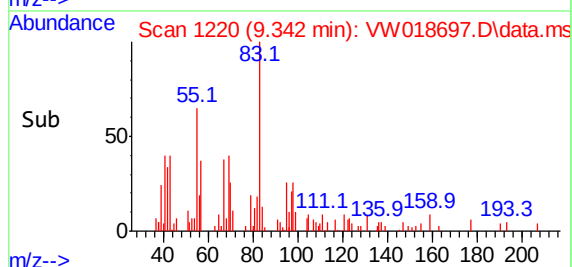
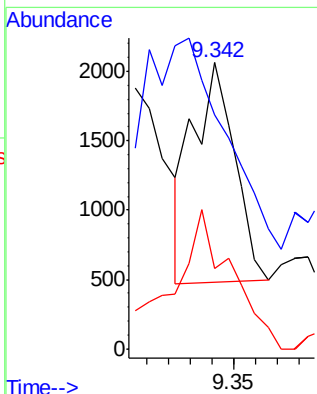
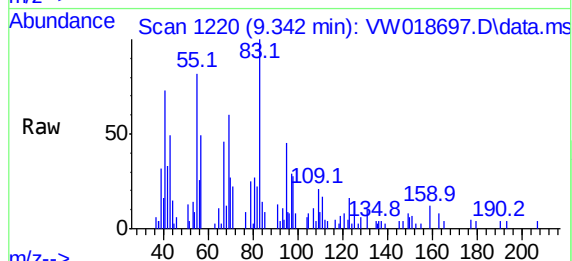




#35
Methylcyclohexane
Concen: 0.33 ug/L
RT: 9.342 min Scan# 1220
Delta R.T. 0.006 min
Lab File: VW018697.D
Acq: 20 Apr 2021 17:36

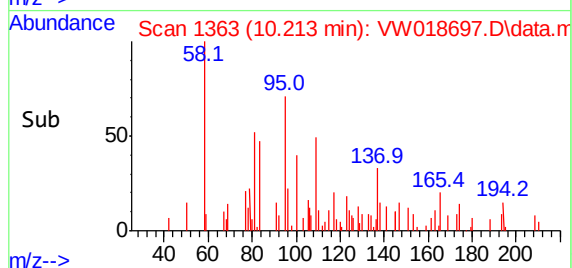
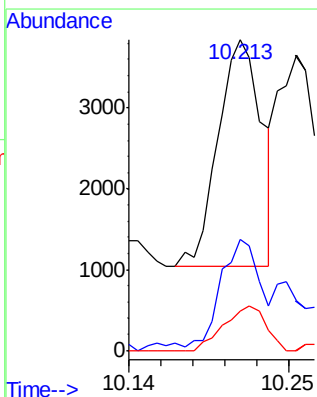
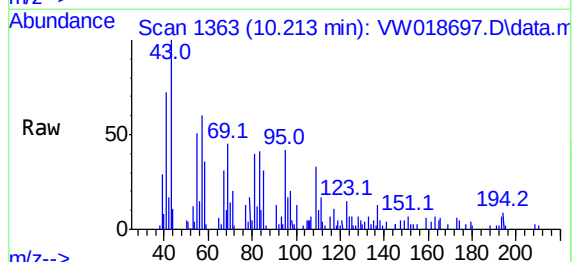
Instrument :
MSVOA_W
ClientSampled :
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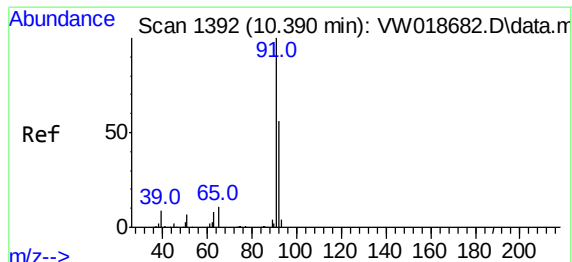
Tgt Ion: 83 Resp: 2098
Ion Ratio Lower Upper
83 100
55 123.9 58.9 88.3#
98 89.2 40.1 60.1#



#40
4-Methyl-2-pentanone
Concen: 2.55 ug/L
RT: 10.213 min Scan# 1363
Delta R.T. 0.007 min
Lab File: VW018697.D
Acq: 20 Apr 2021 17:36

Tgt Ion: 43 Resp: 5581
Ion Ratio Lower Upper
43 100
58 42.9 31.0 46.4
100 18.8 13.0 19.6

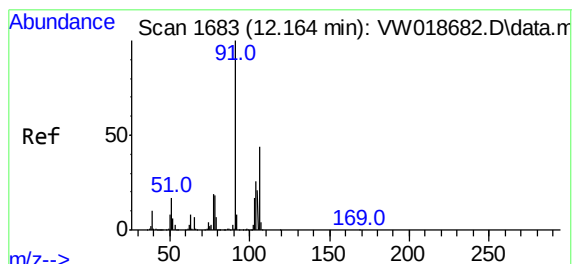
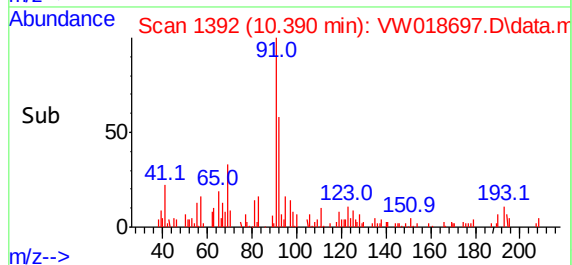
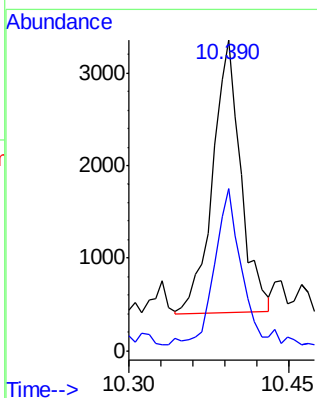
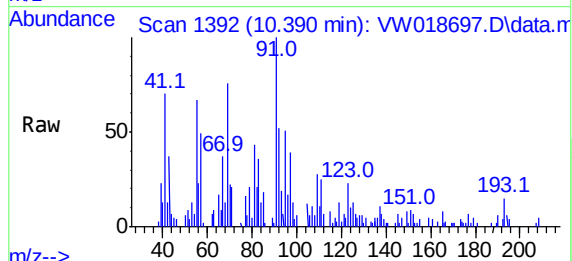




#42
Toluene
Concen: 0.35 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW018697.D
Acq: 20 Apr 2021 17:36

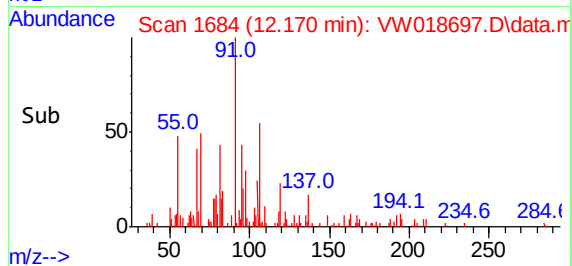
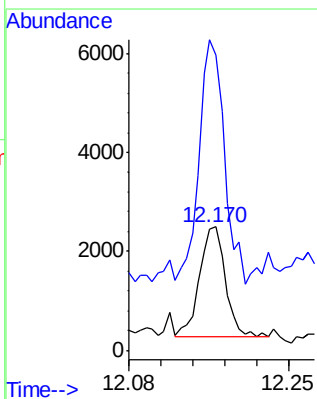
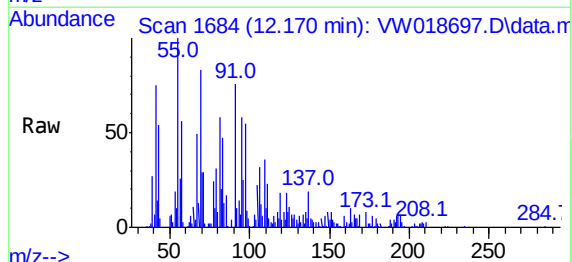
Instrument :
MSVOA_W
ClientSampled :
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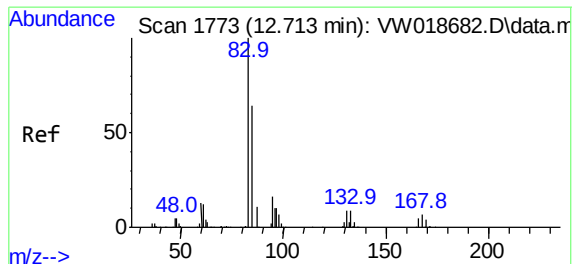
Tgt Ion: 91 Resp: 5290
Ion Ratio Lower Upper
91 100
92 52.1 39.5 73.3



#54
o-Xylene
Concen: 0.71 ug/L
RT: 12.170 min Scan# 1684
Delta R.T. 0.006 min
Lab File: VW018697.D
Acq: 20 Apr 2021 17:36

Tgt Ion: 106 Resp: 4196
Ion Ratio Lower Upper
106 100
91 238.9 150.0 278.6

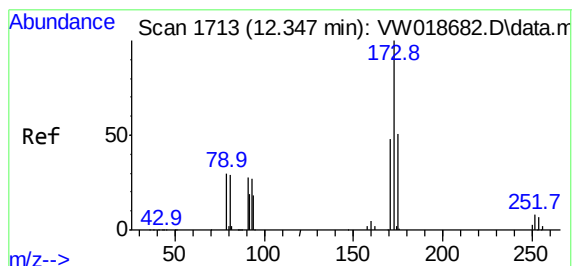
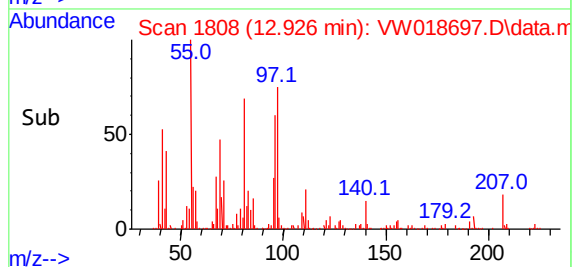
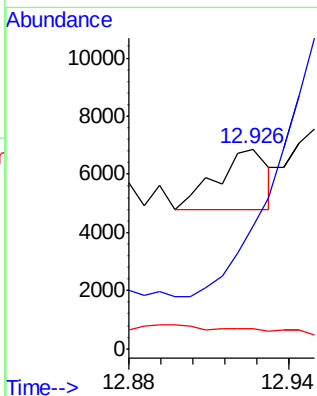
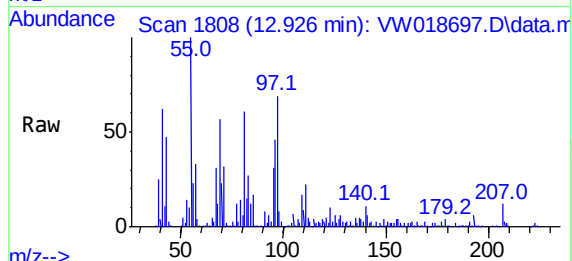




#57
1,1,2,2-Tetrachloroethane
Concen: 0.88 ug/L
RT: 12.926 min Scan# 1808
Delta R.T. 0.214 min
Lab File: VW018697.D
Acq: 20 Apr 2021 17:36

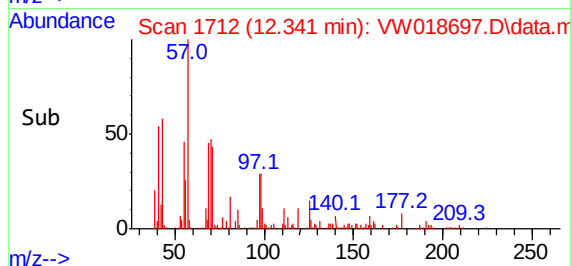
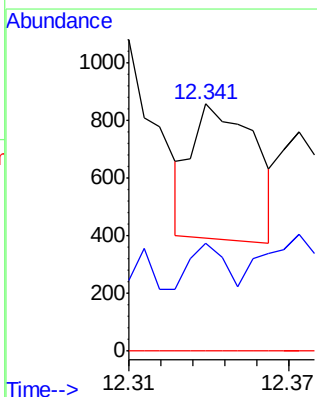
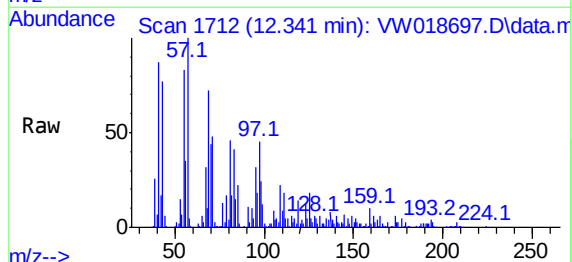
Instrument :
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ClientSampled :
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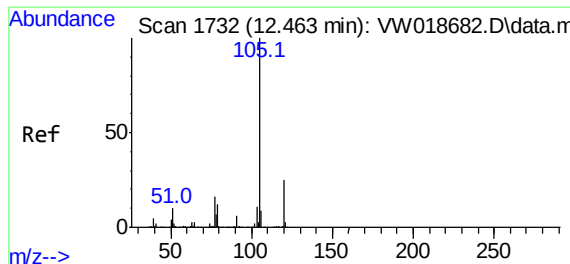
Tgt Ion: 83 Resp: 2892
Ion Ratio Lower Upper
83 100
85 61.1 44.4 82.4
131 10.3 8.2 12.4



#59
Bromoform
Concen: 1.02 ug/L
RT: 12.341 min Scan# 1712
Delta R.T. -0.006 min
Lab File: VW018697.D
Acq: 20 Apr 2021 17:36

Tgt Ion: 173 Resp: 803
Ion Ratio Lower Upper
173 100
175 18.1 37.5 56.3#
254 0.0 7.0 10.4#

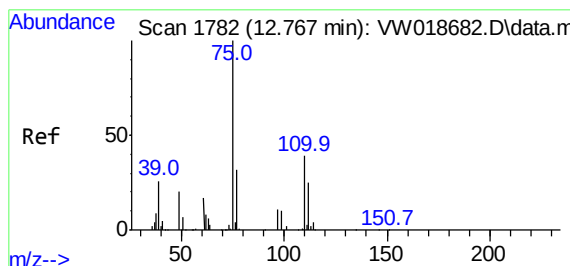
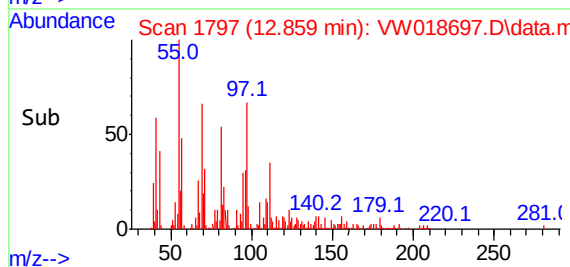
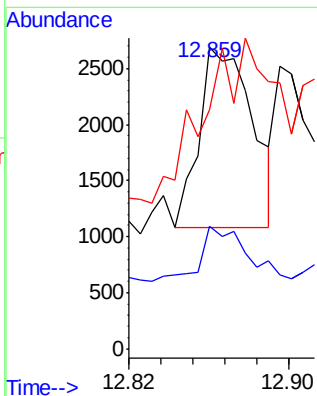
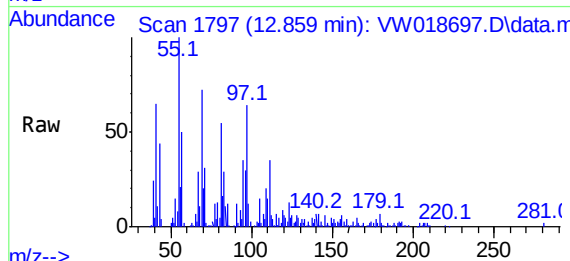




#60
Isopropylbenzene
Concen: 0.38 ug/L
RT: 12.859 min Scan# 1797
Delta R.T. 0.397 min
Lab File: VW018697.D
Acq: 20 Apr 2021 17:36

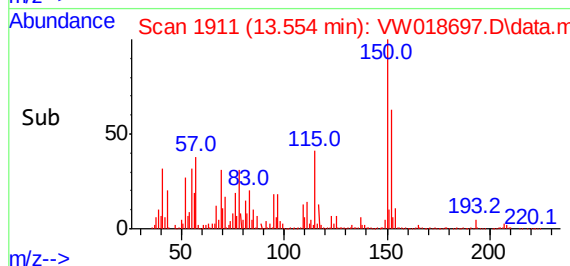
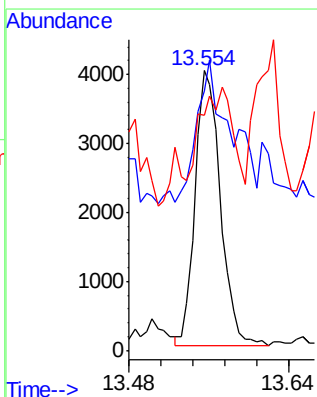
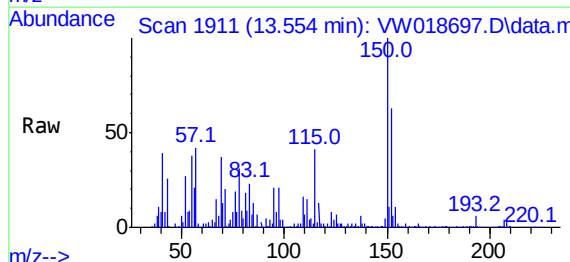
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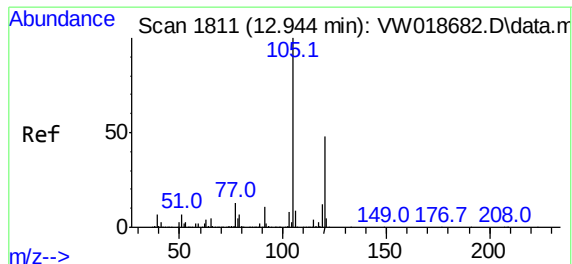
Tgt Ion:105 Resp: 3073
Ion Ratio Lower Upper
105 100
120 22.4 21.1 31.7
77 15.8 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 5.80 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.787 min
Lab File: VW018697.D
Acq: 20 Apr 2021 17:36

Tgt Ion: 75 Resp: 7295
Ion Ratio Lower Upper
75 100
77 36.9 25.3 37.9
110 42.1 32.6 48.8

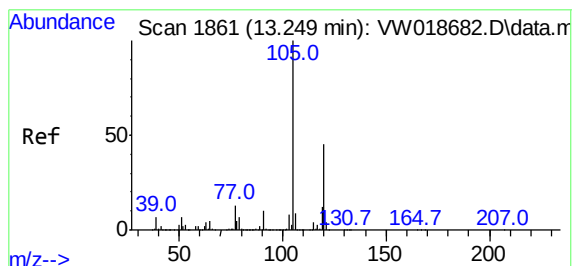
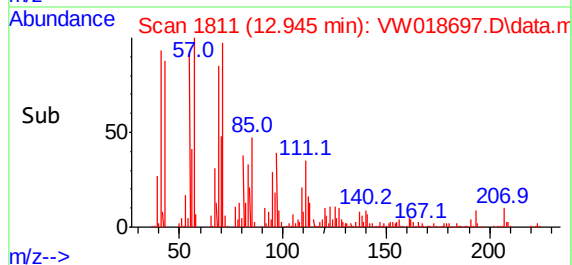
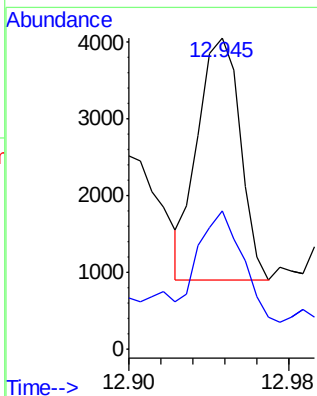
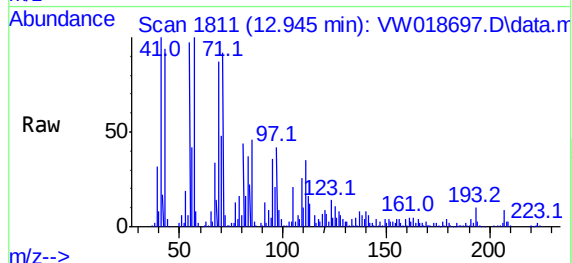




#62
1,3,5-Trimethylbenzene
Concen: 0.72 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW018697.D
Acq: 20 Apr 2021 17:36

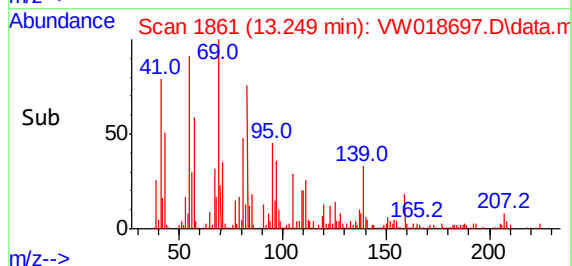
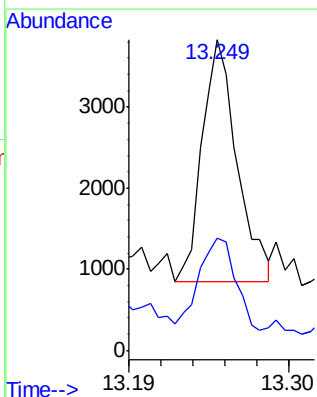
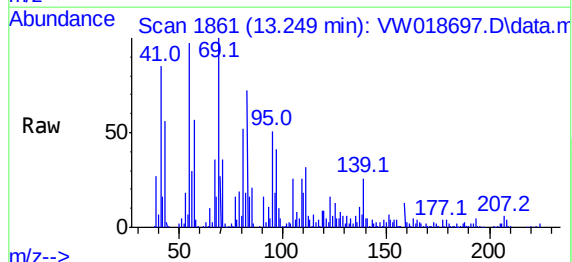
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MSVOA_W
ClientSampled :
BG571

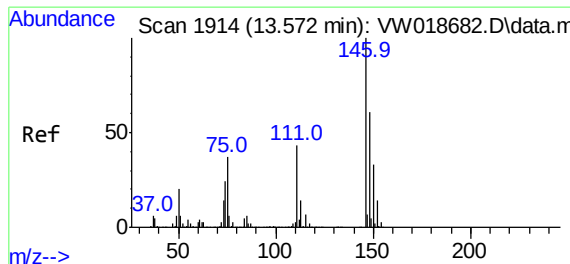
Tgt Ion:105 Resp: 4850
Ion Ratio Lower Upper
105 100
120 47.5 39.0 58.6



#63
1,2,4-Trimethylbenzene
Concen: 0.77 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW018697.D
Acq: 20 Apr 2021 17:36

Tgt Ion:105 Resp: 5172
Ion Ratio Lower Upper
105 100
120 40.0 35.6 53.4

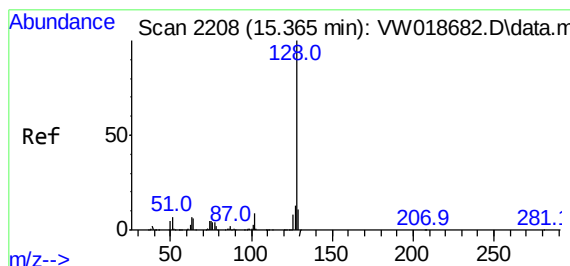
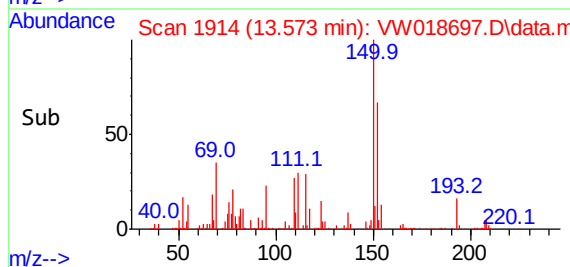
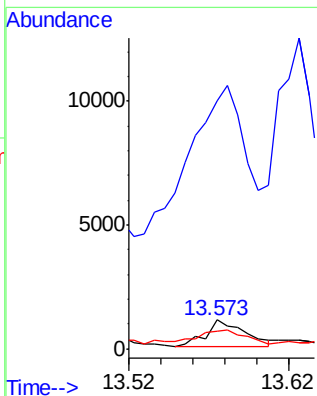
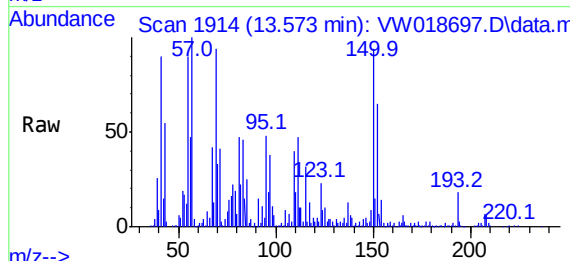




#65
1,4-Dichlorobenzene
Concen: 0.47 ug/L
RT: 13.573 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW018697.D
Acq: 20 Apr 2021 17:36

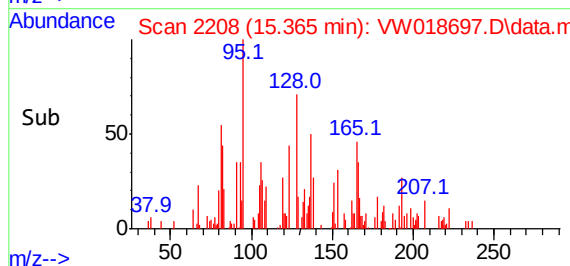
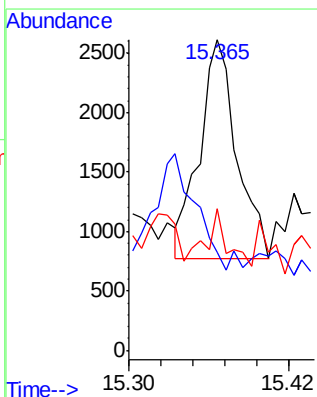
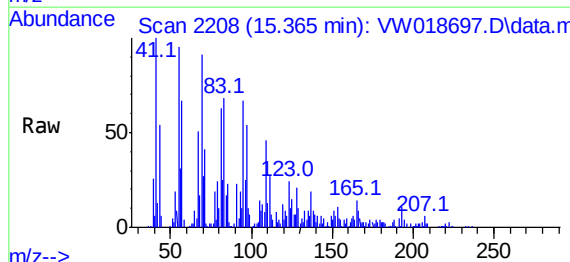
Instrument :
MSVOA_W
ClientSampled :
BG571

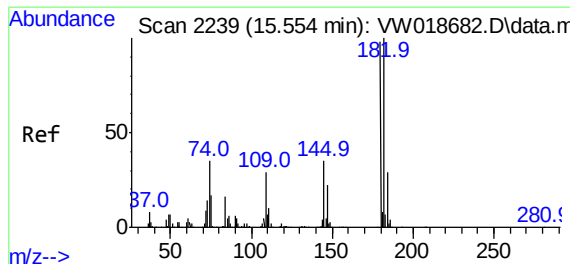
Tgt Ion:146 Resp: 1646
Ion Ratio Lower Upper
146 100
111 863.1 28.8 53.4#
148 62.4 46.8 87.0



#71
Naphthalene
Concen: 0.81 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW018697.D
Acq: 20 Apr 2021 17:36

Tgt Ion:128 Resp: 3422
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 6.5 9.0 13.6#





#72
 1,2,3-Trichlorobenzene
 Concen: 0.50 ug/L
 RT: 15.572 min Scan# 2242
 Delta R.T. 0.019 min
 Lab File: VW018697.D
 Acq: 20 Apr 2021 17:36

Instrument :
 MSVOA_W
 ClientSampleId :
 BG571

Tgt Ion:180 Resp: 878

Ion	Ratio	Lower	Upper
180	100		
182	15.5	76.7	115.1#
145	42.1	28.9	43.3

