

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060321\
 Data File : VW019108.D
 Acq On : 03 Jun 2021 15:46
 Operator : SY/VA
 Sample : M2596-12
 Misc : 5.44G/10ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 04 01:04:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 04 01:03:52 2021
 Response via : Initial Calibration

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

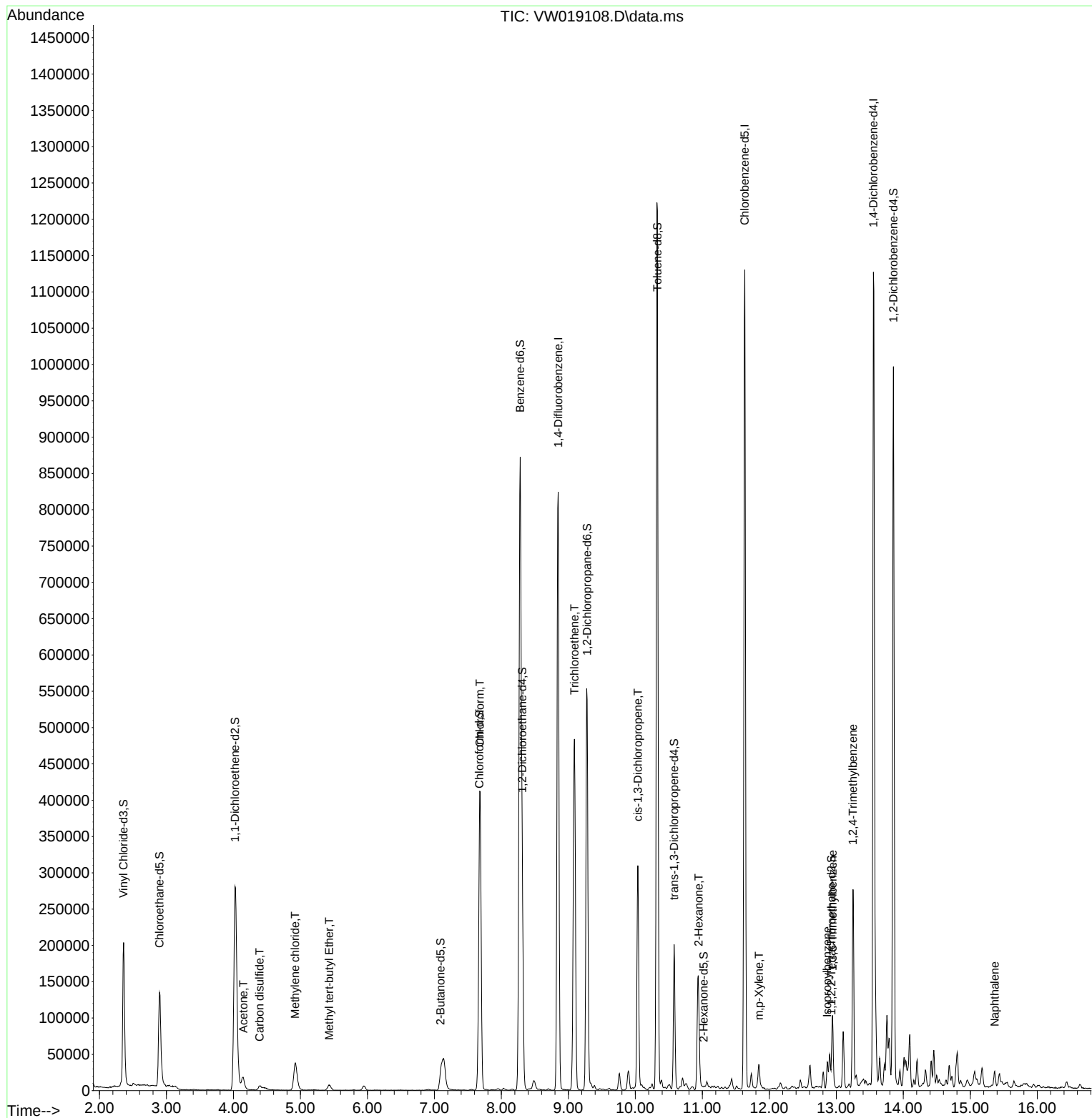
Internal Standards						
1) 1,4-Difluorobenzene	8.847	114	690994	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	607586	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	288705	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	233264	25.529	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.120%
7) Chloroethane-d5	2.897	69	178514	22.939	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.760%
11) 1,1-Dichloroethene-d2	4.025	63	323685	17.830	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.320%
21) 2-Butanone-d5	7.092	46	36560	15.275	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	30.560%
24) Chloroform-d	7.671	84	22015	1.185	ug/L	0.02
Spiked Amount	25.000	Range	40 - 150	Recovery	=	4.760%#
26) 1,2-Dichloroethane-d4	8.311	65	225344	21.625	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.480%
32) Benzene-d6	8.280	84	884223	25.543	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.160%
36) 1,2-Dichloropropane-d6	9.280	67	261024	24.873	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.480%
41) Toluene-d8	10.329	98	811415	25.523	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.080%
43) trans-1,3-Dichloroprop...	10.579	79	105028	23.108	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.440%
47) 2-Hexanone-d5	11.018	63	115	0.065	ug/L	0.09
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.120%#
56) 1,1,2,2-Tetrachloroeth...	12.926	84	262	0.030	ug/L	0.23
Spiked Amount	25.000	Range	45 - 120	Recovery	=	0.120%#
66) 1,2-Dichlorobenzene-d4	13.853	152	247983	24.609	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.440%
Target Compounds	Qvalue					
13) Acetone	4.147	43	34057	16.058	ug/L	77
14) Carbon disulfide	4.391	76	13797	0.445	ug/L	98
16) Methylene chloride	4.921	84	33867	2.641	ug/L	90
18) Methyl tert-butyl Ether	5.427	73	6301	0.462	ug/L #	85
25) Chloroform	7.677	83	402064	21.039	ug/L	99
34) Trichloroethene	9.091	95	122144	11.724	ug/L	94
39) cis-1,3-Dichloropropene	10.036	75	7726	0.508	ug/L #	56
48) 2-Hexanone	10.945	43	13344	3.395	ug/L #	76
53) m,p-Xylene	11.847	106	9262	0.531	ug/L	99
60) Isopropylbenzene	12.865	105	22067	0.511	ug/L	94
62) 1,3,5-Trimethylbenzene	12.944	105	48097	1.355	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	149279	4.212	ug/L	100
71) Naphthalene	15.365	128	16926	0.759	ug/L	98

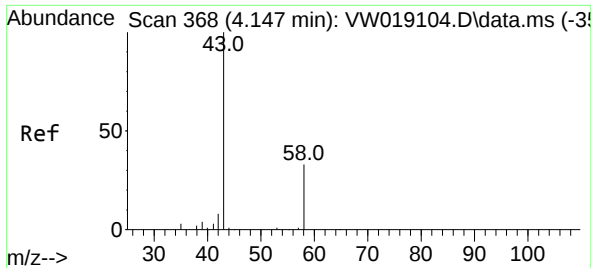
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri Jun 04 01:03:52 2021
Response via : Initial Calibration

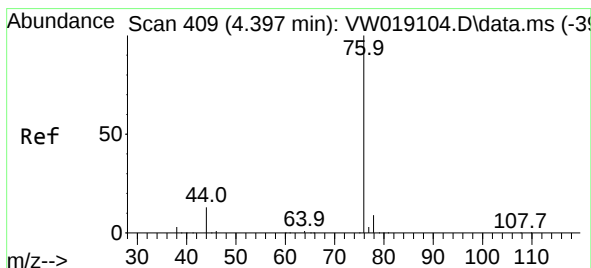
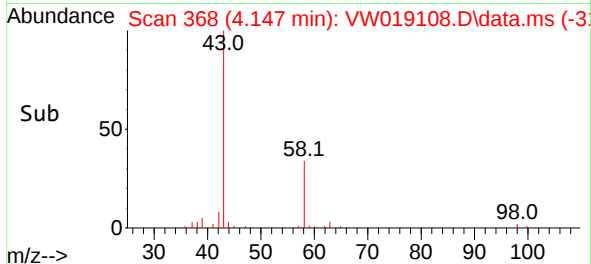
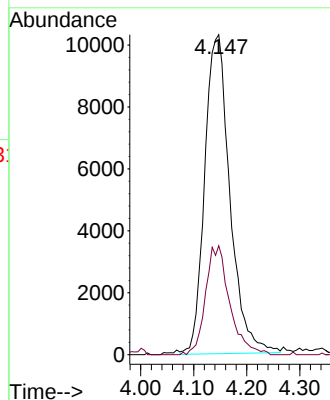
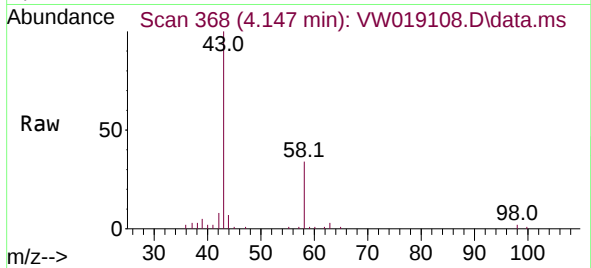




#13
Acetone
Concen: 16.058 ug/L
RT: 4.147 min Scan# 368
Delta R.T. -0.000 min
Lab File: VW019108.D
Acq: 03 Jun 2021 15:46

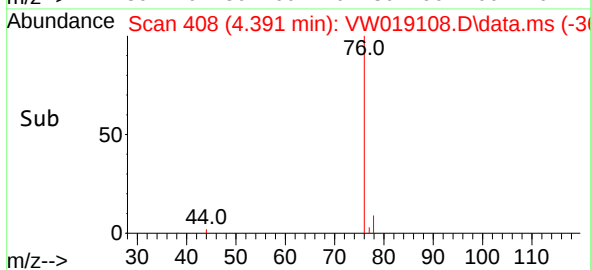
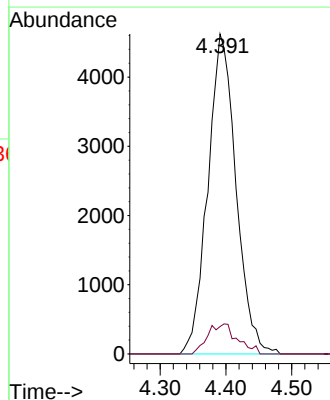
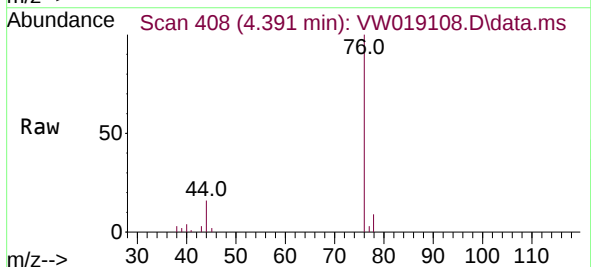
Instrument :
MSVOA_W
ClientSampled :

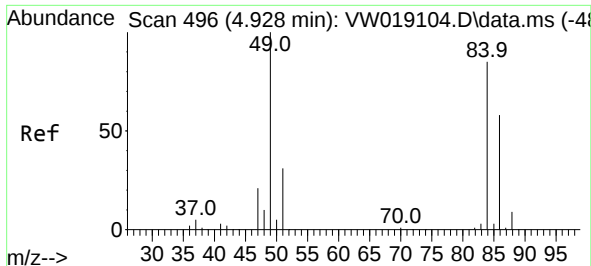
Tgt Ion: 43 Resp: 34057
Ion Ratio Lower Upper
43 100
58 15.1 0.0 53.8



#14
Carbon disulfide
Concen: 0.445 ug/L
RT: 4.391 min Scan# 408
Delta R.T. -0.006 min
Lab File: VW019108.D
Acq: 03 Jun 2021 15:46

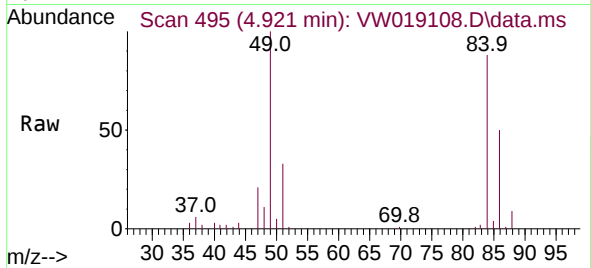
Tgt Ion: 76 Resp: 13797
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.0





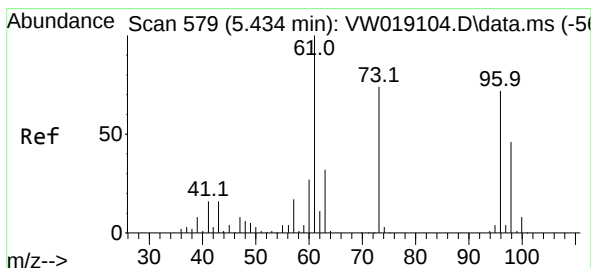
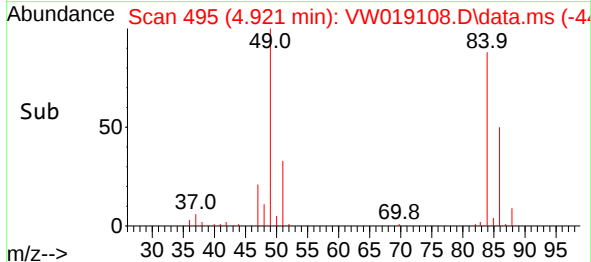
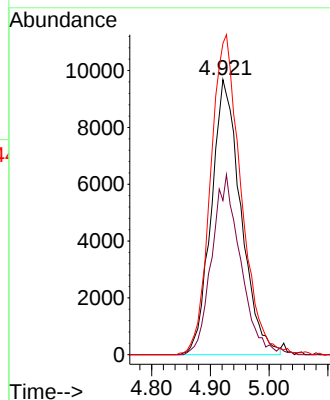
#16
Methylene chloride
Concen: 2.641 ug/L
RT: 4.921 min Scan# 495
Delta R.T. -0.006 min
Lab File: VW019108.D
Acq: 03 Jun 2021 15:46

Instrument :
MSVOA_W
ClientSampled :



Tgt Ion: 84 Resp: 33867

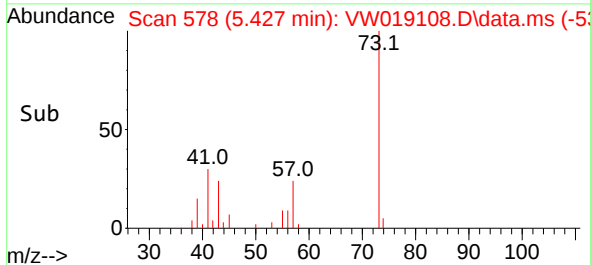
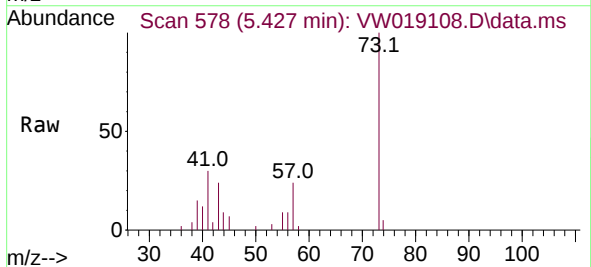
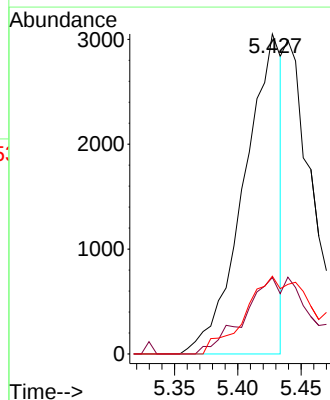
Ion	Ratio	Lower	Upper
84	100		
86	56.1	45.3	84.1
49	113.2	86.6	160.8

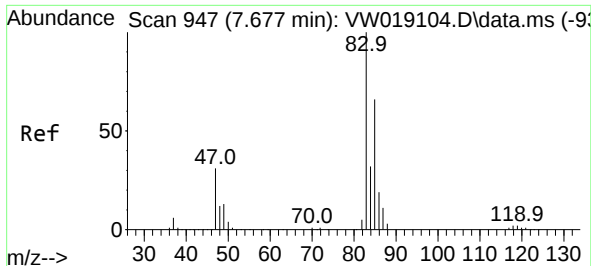


#18
Methyl tert-butyl Ether
Concen: 0.462 ug/L
RT: 5.427 min Scan# 578
Delta R.T. -0.006 min
Lab File: VW019108.D
Acq: 03 Jun 2021 15:46

Tgt Ion: 73 Resp: 6301

Ion	Ratio	Lower	Upper
73	100		
43	10.0	17.7	26.5
57	23.5	17.0	25.4

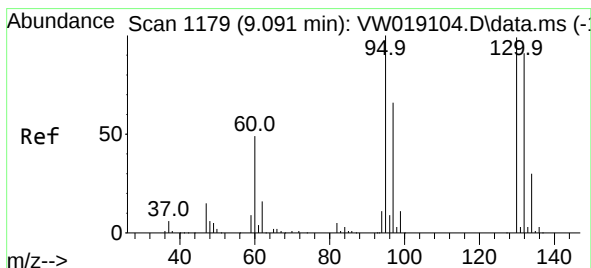
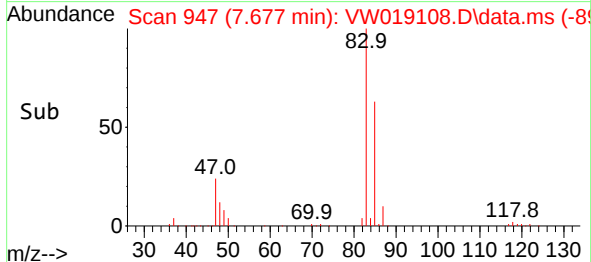
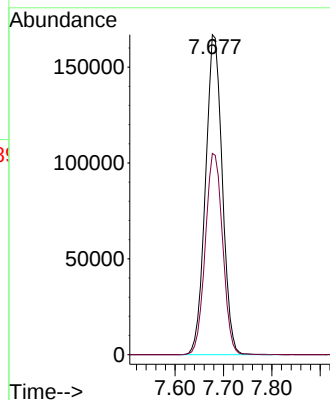
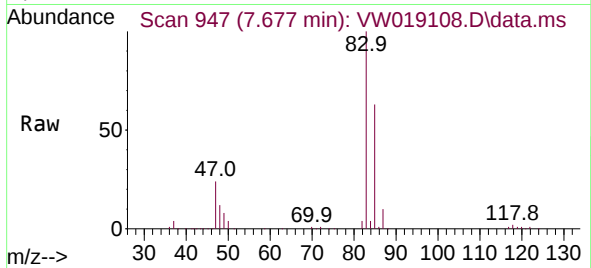




#25
Chloroform
Concen: 21.039 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW019108.D
Acq: 03 Jun 2021 15:46

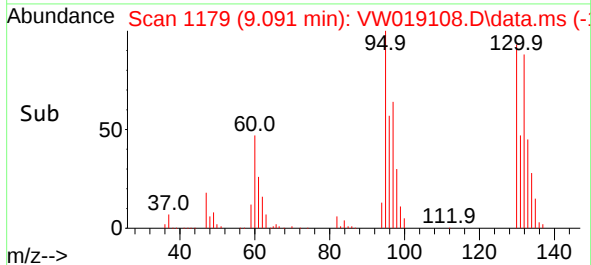
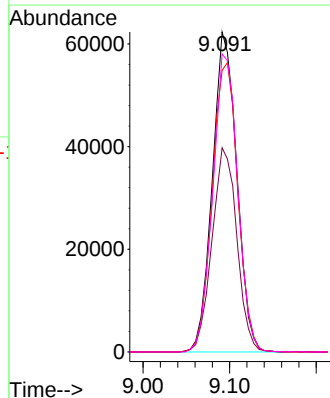
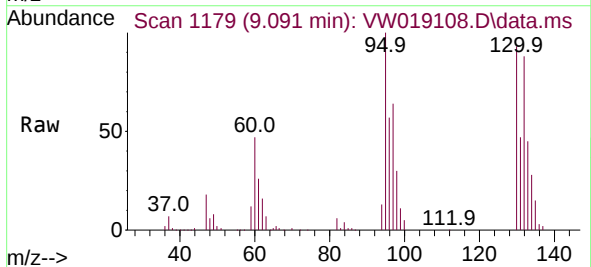
Instrument :
MSVOA_W
ClientSampled :

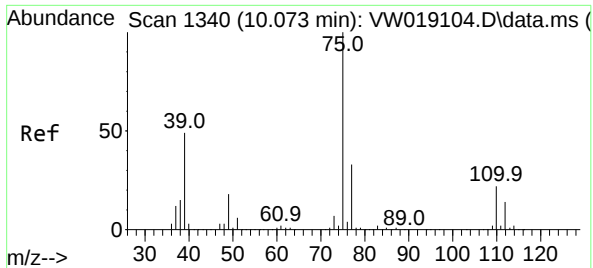
Tgt Ion: 83 Resp: 402064
Ion Ratio Lower Upper
83 100
85 62.9 44.6 82.8



#34
Trichloroethene
Concen: 11.724 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW019108.D
Acq: 03 Jun 2021 15:46

Tgt Ion: 95 Resp: 122144
Ion Ratio Lower Upper
95 100
97 63.8 47.3 87.8
132 88.0 71.0 131.8
130 93.1 65.1 120.9

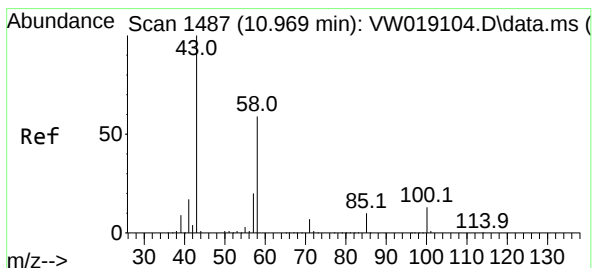
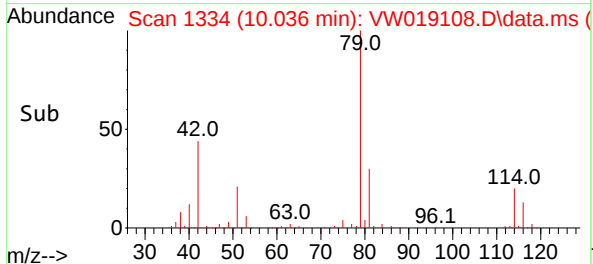
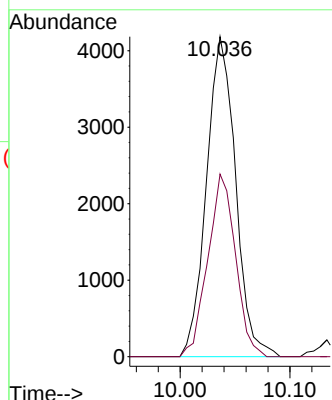
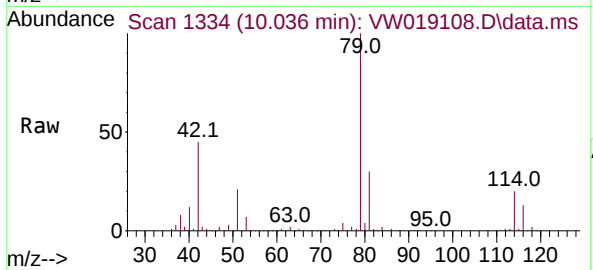




#39
cis-1,3-Dichloropropene
Concen: 0.508 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW019108.D
Acq: 03 Jun 2021 15:46

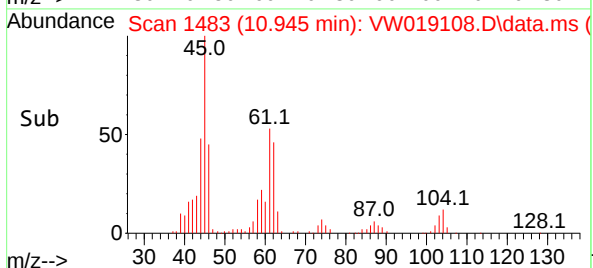
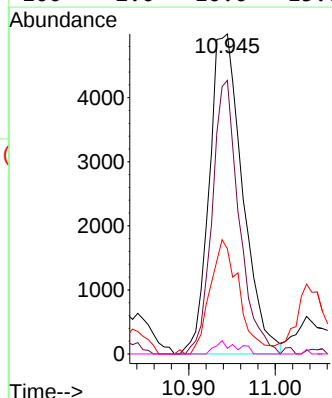
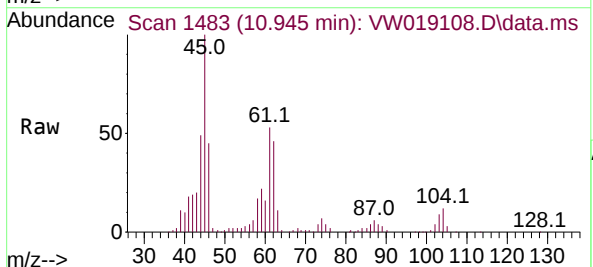
Instrument :
MSVOA_W
ClientSampled :

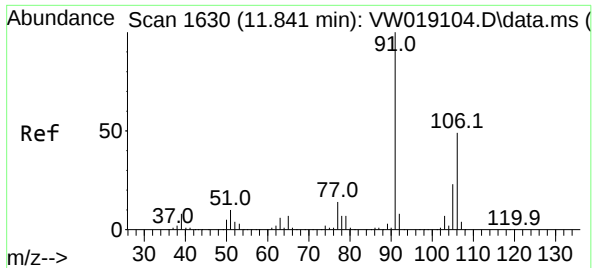
Tgt Ion: 75 Resp: 7726
Ion Ratio Lower Upper
75 100
77 57.1 22.6 42.0#



#48
2-Hexanone
Concen: 3.395 ug/L
RT: 10.945 min Scan# 1483
Delta R.T. -0.025 min
Lab File: VW019108.D
Acq: 03 Jun 2021 15:46

Tgt Ion: 43 Resp: 13344
Ion Ratio Lower Upper
43 100
58 69.4 42.7 64.1#
57 31.3 15.8 23.8#
100 2.0 10.0 15.0#

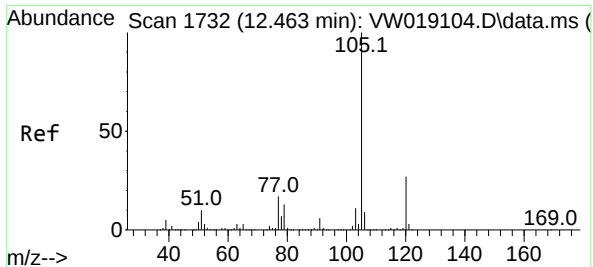
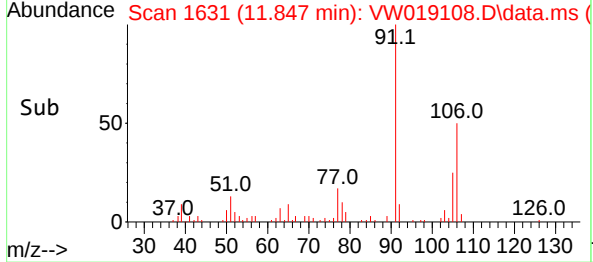
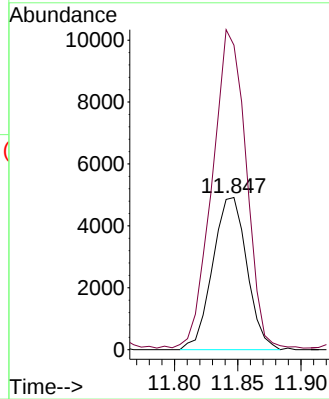
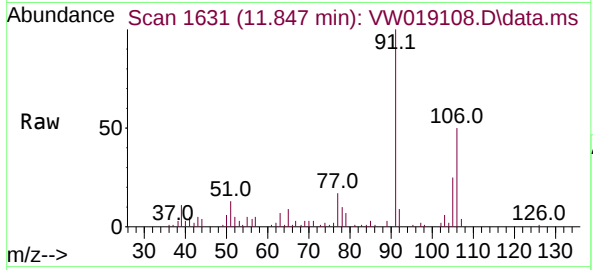




#53
m,p-Xylene
Concen: 0.531 ug/L
RT: 11.847 min Scan# 1631
Delta R.T. 0.006 min
Lab File: VW019108.D
Acq: 03 Jun 2021 15:46

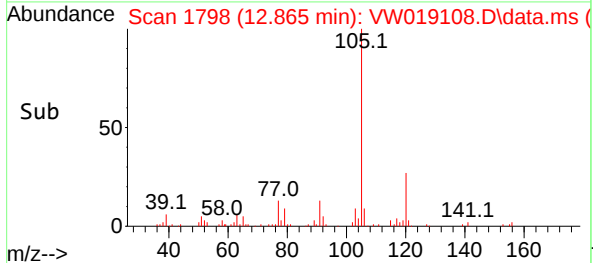
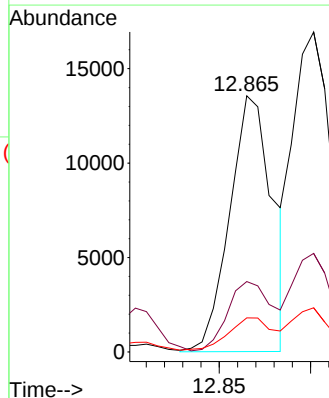
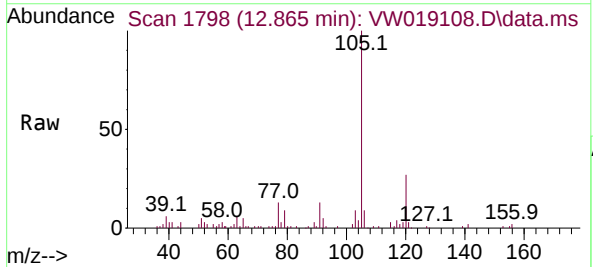
Instrument :
MSVOA_W
ClientSampled :

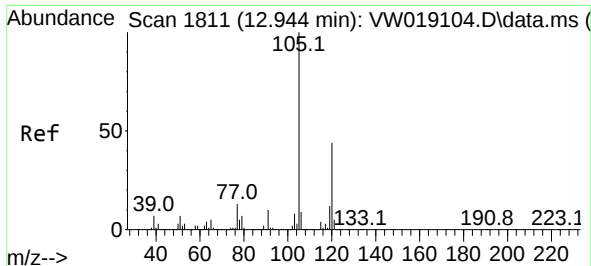
Tgt Ion:106 Resp: 9262
Ion Ratio Lower Upper
106 100
91 200.0 141.3 262.3



#60
Isopropylbenzene
Concen: 0.511 ug/L
RT: 12.865 min Scan# 1798
Delta R.T. 0.402 min
Lab File: VW019108.D
Acq: 03 Jun 2021 15:46

Tgt Ion:105 Resp: 22067
Ion Ratio Lower Upper
105 100
120 29.2 21.1 31.7
77 13.2 13.2 19.8

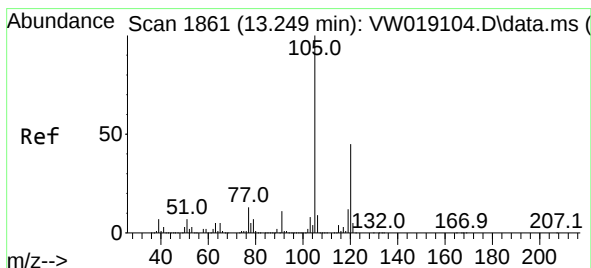
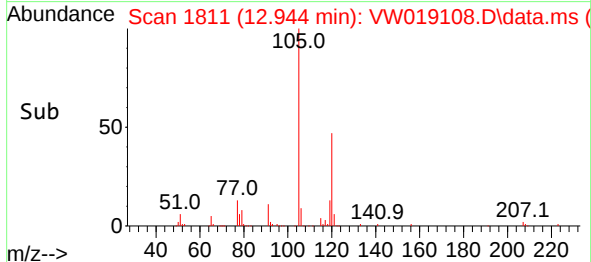
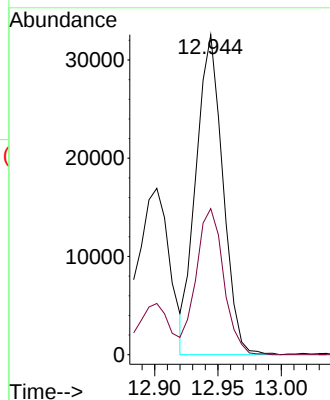
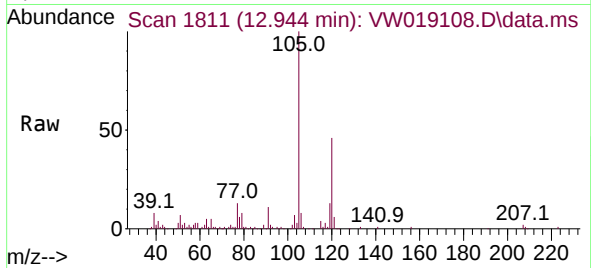




#62
1,3,5-Trimethylbenzene
Concen: 1.355 ug/L
RT: 12.944 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VW019108.D
Acq: 03 Jun 2021 15:46

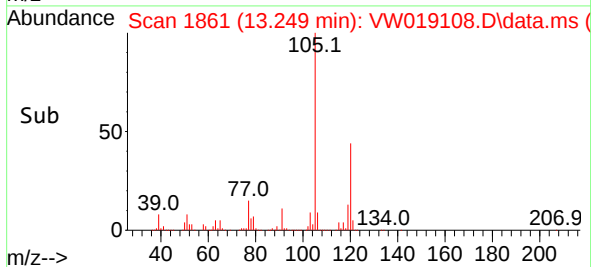
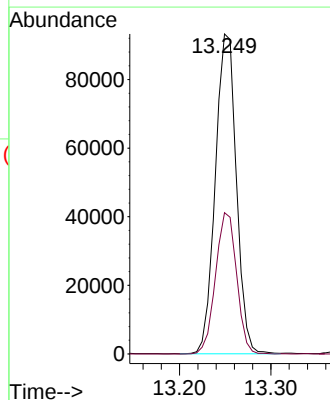
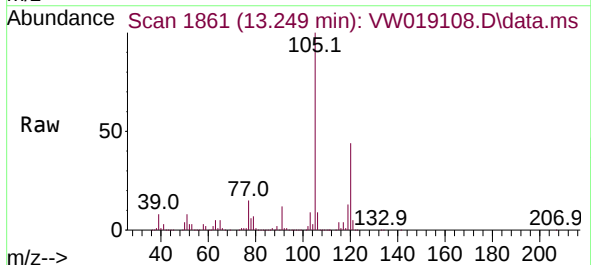
Instrument :
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ClientSampled :

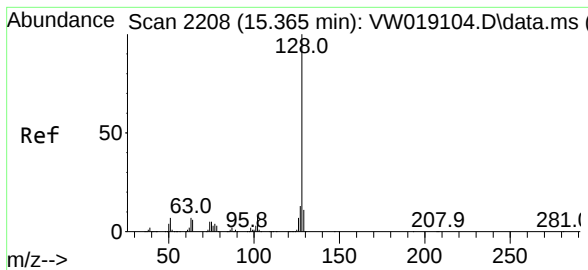
Tgt Ion:105 Resp: 48097
Ion Ratio Lower Upper
105 100
120 46.6 39.0 58.6



#63
1,2,4-Trimethylbenzene
Concen: 4.212 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW019108.D
Acq: 03 Jun 2021 15:46

Tgt Ion:105 Resp: 149279
Ion Ratio Lower Upper
105 100
120 44.2 35.6 53.4





#71
Naphthalene
Concen: 0.759 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW019108.D
Acq: 03 Jun 2021 15:46

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 16926
Ion Ratio Lower Upper
128 100
127 14.5 10.6 15.8
129 11.3 9.0 13.6

