

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041521\
 Data File : VW018657.D
 Acq On : 15 Apr 2021 14:28
 Operator : SY/VA
 Sample : M2011-12
 Misc : 5.50G/10ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 16 01:44:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Apr 15 11:17:28 2021
 Response via : Initial Calibration

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

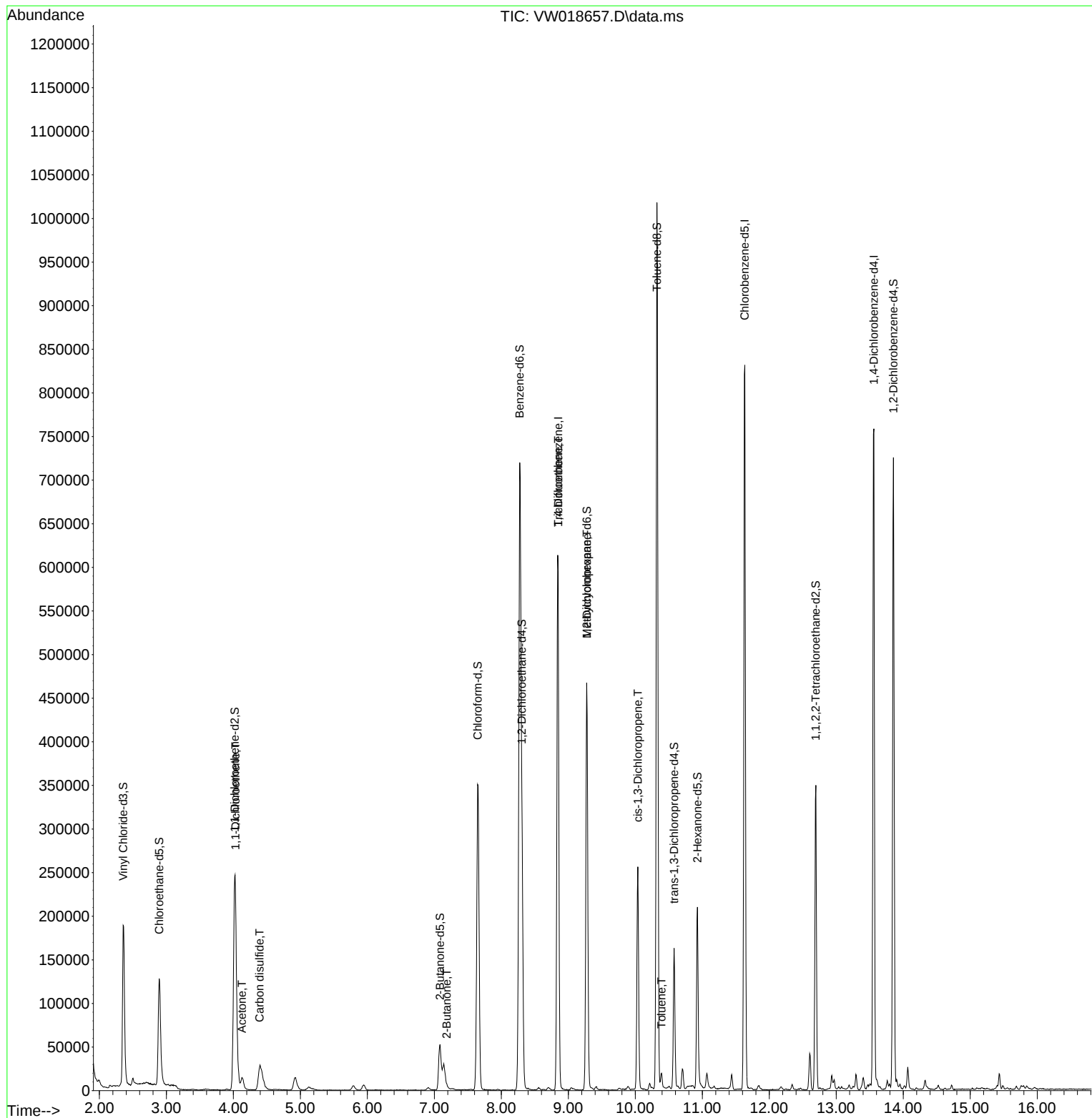
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	516817	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	451211	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	189217	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	231357	29.46	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	117.84%		
7) Chloroethane-d5	2.891	69	171450	24.63	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	98.52%		
11) 1,1-Dichloroethene-d2	4.019	63	279936	20.52	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	82.08%		
21) 2-Butanone-d5	7.086	46	86998	48.66	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	97.32%		
24) Chloroform-d	7.647	84	357584	25.21	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	100.84%		
26) 1,2-Dichloroethane-d4	8.305	65	204727	25.67	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	102.68%		
32) Benzene-d6	8.275	84	729557	27.56	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	110.24%		
36) 1,2-Dichloropropane-d6	9.274	67	213987	26.83	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	107.32%		
41) Toluene-d8	10.323	98	677396	27.98	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	111.92%		
43) trans-1,3-Dichloroprop...	10.579	79	86444	25.46	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	101.84%		
47) 2-Hexanone-d5	10.927	63	72955	52.60	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	105.20%		
56) 1,1,2,2-Tetrachloroeth...	12.695	84	169280	25.41	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	101.64%		
66) 1,2-Dichlorobenzene-d4	13.853	152	173680	26.13	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	104.52%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.032	96	2014	0.30	ug/L #	1
13) Acetone	4.129	43	23802	18.34	ug/L	83
14) Carbon disulfide	4.391	76	50237	2.48	ug/L	97
22) 2-Butanone	7.183	43	4997	2.53	ug/L	88
34) Trichloroethene	8.848	95	15536	2.13	ug/L #	5
35) Methylcyclohexane	9.274	83	53447	4.21	ug/L #	20
39) cis-1,3-Dichloropropene	10.037	75	6719	0.63	ug/L	85
42) Toluene	10.390	91	11974	0.39	ug/L	95

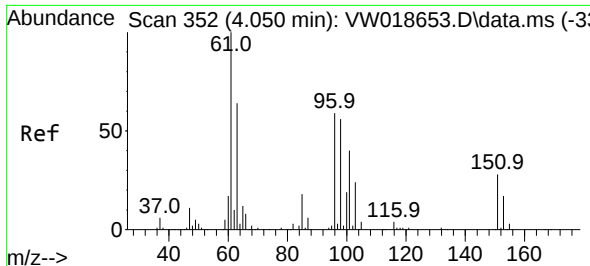
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Apr 15 11:17:28 2021
Response via : Initial Calibration

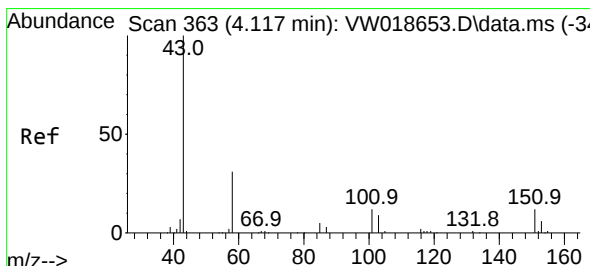
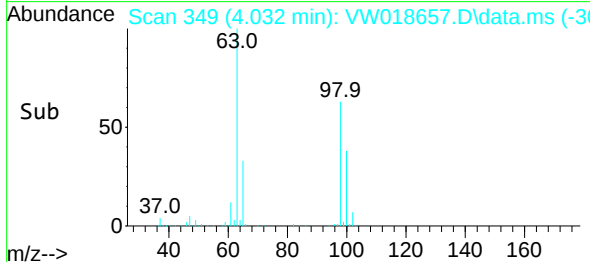
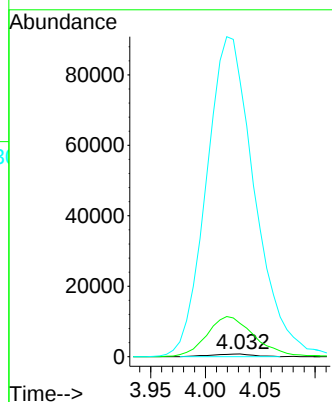
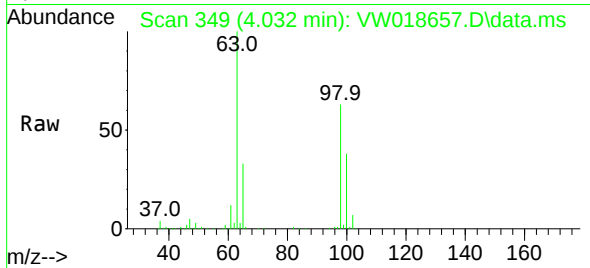




#12
1,1-Dichloroethene
Concen: 0.30 ug/L
RT: 4.032 min Scan# 349
Delta R.T. -0.012 min
Lab File: VW018657.D
Acq: 15 Apr 2021 14:28

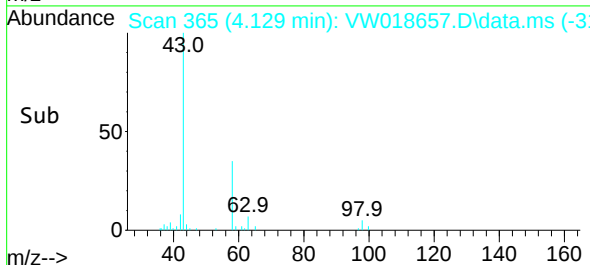
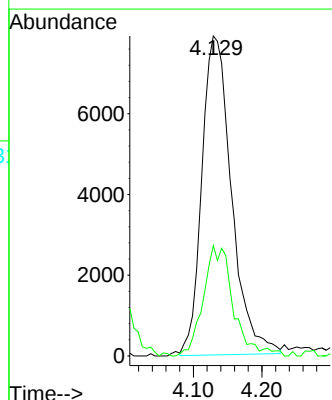
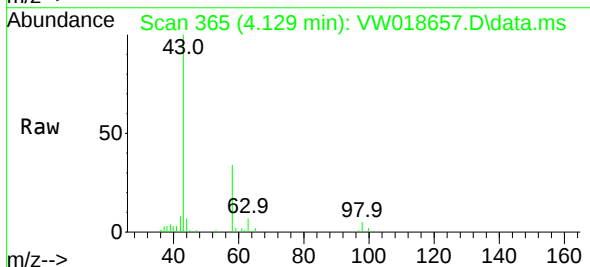
Instrument :
MSVOA_W
ClientSampled :

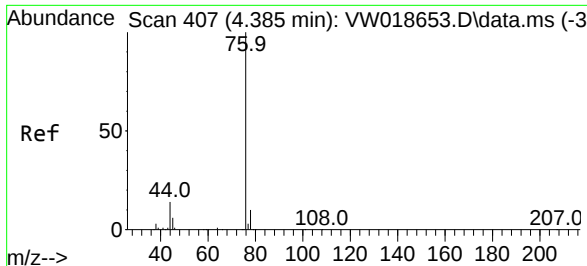
Tgt Ion: 96 Resp: 2014
Ion Ratio Lower Upper
96 100
61 1231.5 118.1 219.3#
63 10177.4 83.7 155.5#



#13
Acetone
Concen: 18.34 ug/L
RT: 4.129 min Scan# 365
Delta R.T. -0.000 min
Lab File: VW018657.D
Acq: 15 Apr 2021 14:28

Tgt Ion: 43 Resp: 23802
Ion Ratio Lower Upper
43 100
58 18.0 0.0 53.8

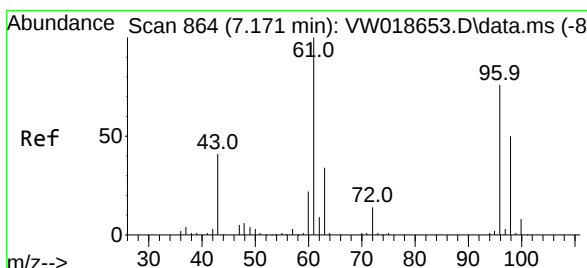
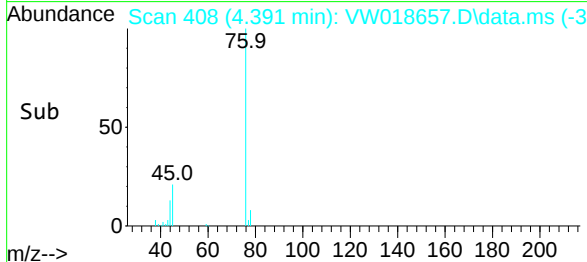
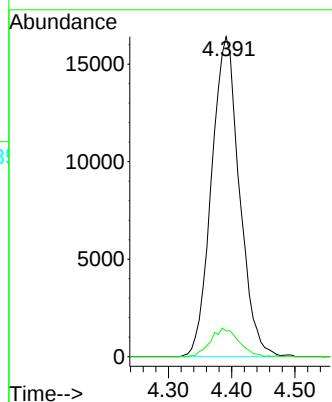
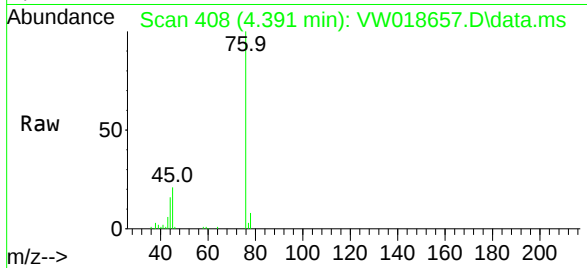




#14
Carbon disulfide
Concen: 2.48 ug/L
RT: 4.391 min Scan# 408
Delta R.T. -0.000 min
Lab File: VW018657.D
Acq: 15 Apr 2021 14:28

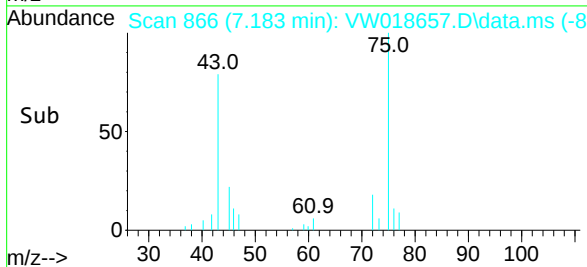
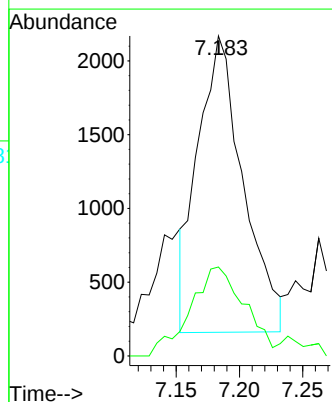
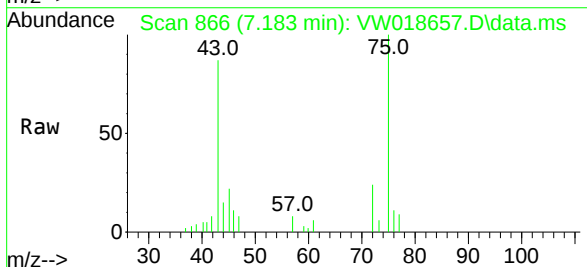
Instrument :
MSVOA_W
ClientSampled :

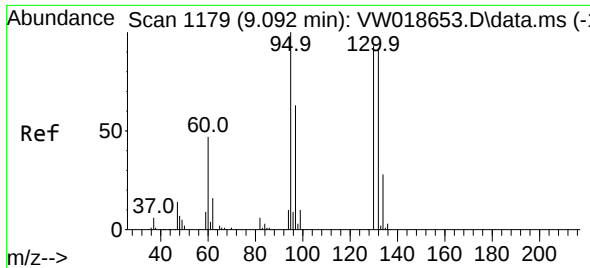
Tgt Ion: 76 Resp: 50237
Ion Ratio Lower Upper
76 100
78 8.0 7.4 11.0



#22
2-Butanone
Concen: 2.53 ug/L
RT: 7.183 min Scan# 866
Delta R.T. 0.006 min
Lab File: VW018657.D
Acq: 15 Apr 2021 14:28

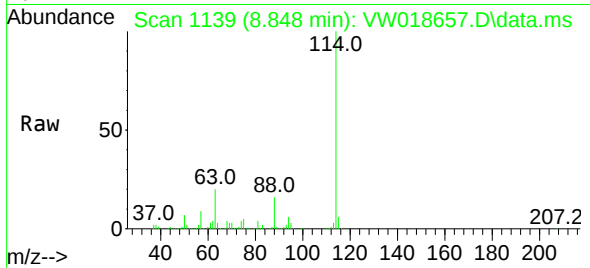
Tgt Ion: 43 Resp: 4997
Ion Ratio Lower Upper
43 100
72 36.1 14.9 44.7



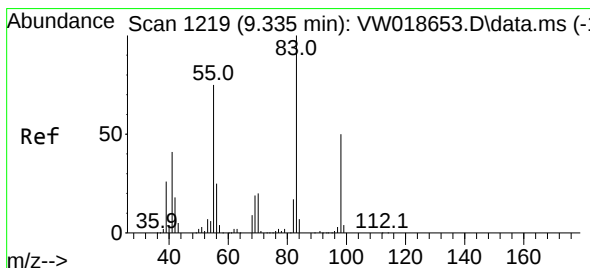
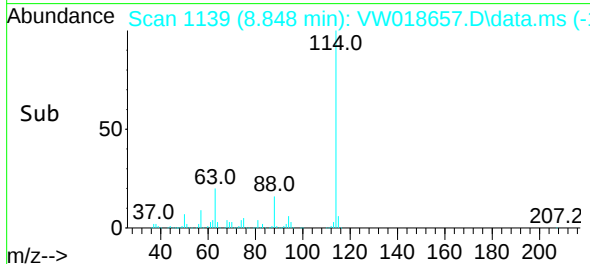
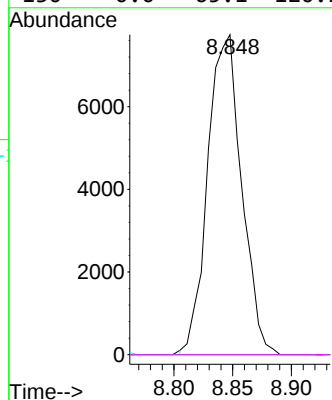


#34
 Trichloroethene
 Concen: 2.13 ug/L
 RT: 8.848 min Scan# 1139
 Delta R.T. -0.244 min
 Lab File: VW018657.D
 Acq: 15 Apr 2021 14:28

Instrument :
 MSVOA_W
 ClientSampled :

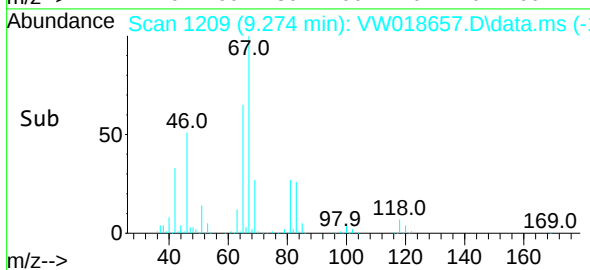
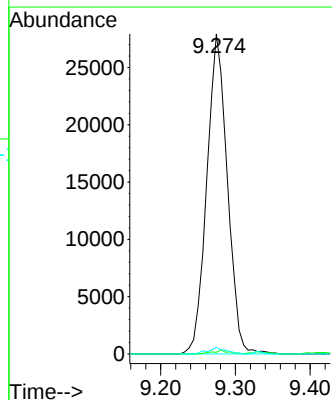
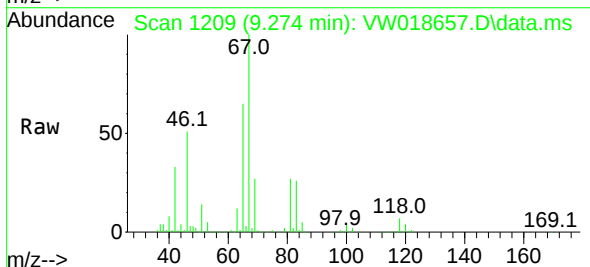


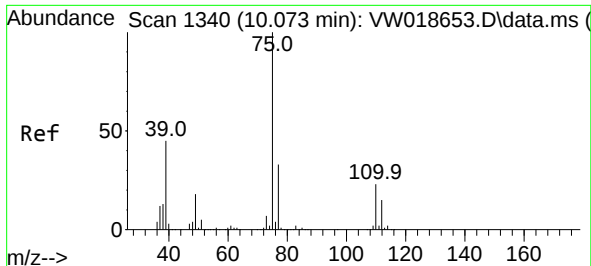
Tgt Ion:	95	Resp:	15536
Ion	Ratio	Lower	Upper
95	100		
97	0.0	47.3	87.8#
132	0.0	71.0	131.8#
130	0.0	65.1	120.9#



#35
 Methylcyclohexane
 Concen: 4.21 ug/L
 RT: 9.274 min Scan# 1209
 Delta R.T. -0.061 min
 Lab File: VW018657.D
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Tgt Ion:	83	Resp:	53447
Ion	Ratio	Lower	Upper
83	100		
55	0.6	58.9	88.3#
98	1.8	40.1	60.1#

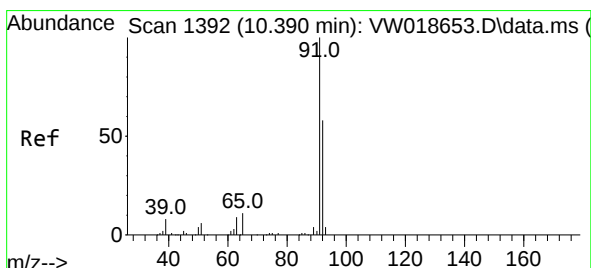
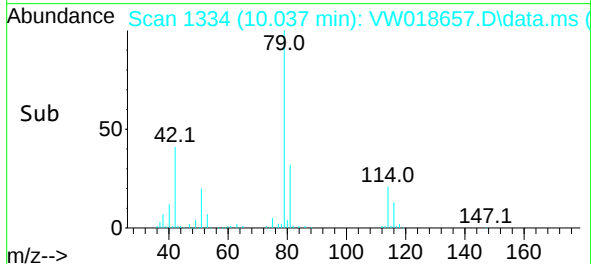
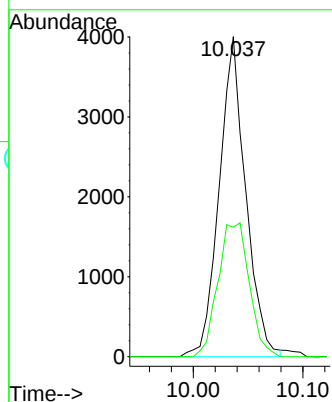
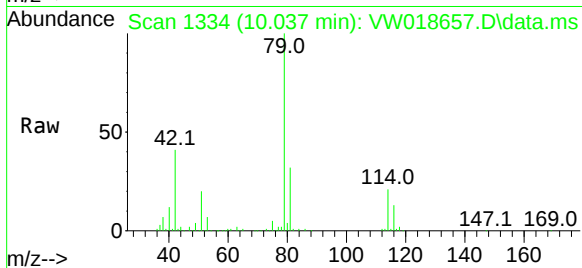




#39
cis-1,3-Dichloropropene
Concen: 0.63 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018657.D
Acq: 15 Apr 2021 14:28

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion: 75 Resp: 6719
Ion Ratio Lower Upper
75 100
77 40.4 22.6 42.0



#42
Toluene
Concen: 0.39 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW018657.D
Acq: 15 Apr 2021 14:28

Tgt Ion: 91 Resp: 11974
Ion Ratio Lower Upper
91 100
92 60.3 39.5 73.3

