

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030921\
 Data File : VW018267.D
 Acq On : 09 Mar 2021 15:52
 Operator : SY/VA
 Sample : M1610-05
 Misc : 6.14G/10ML/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG558

Quant Time: Mar 10 02:16:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM030821S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 10 02:13:53 2021
 Response via : Initial Calibration

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

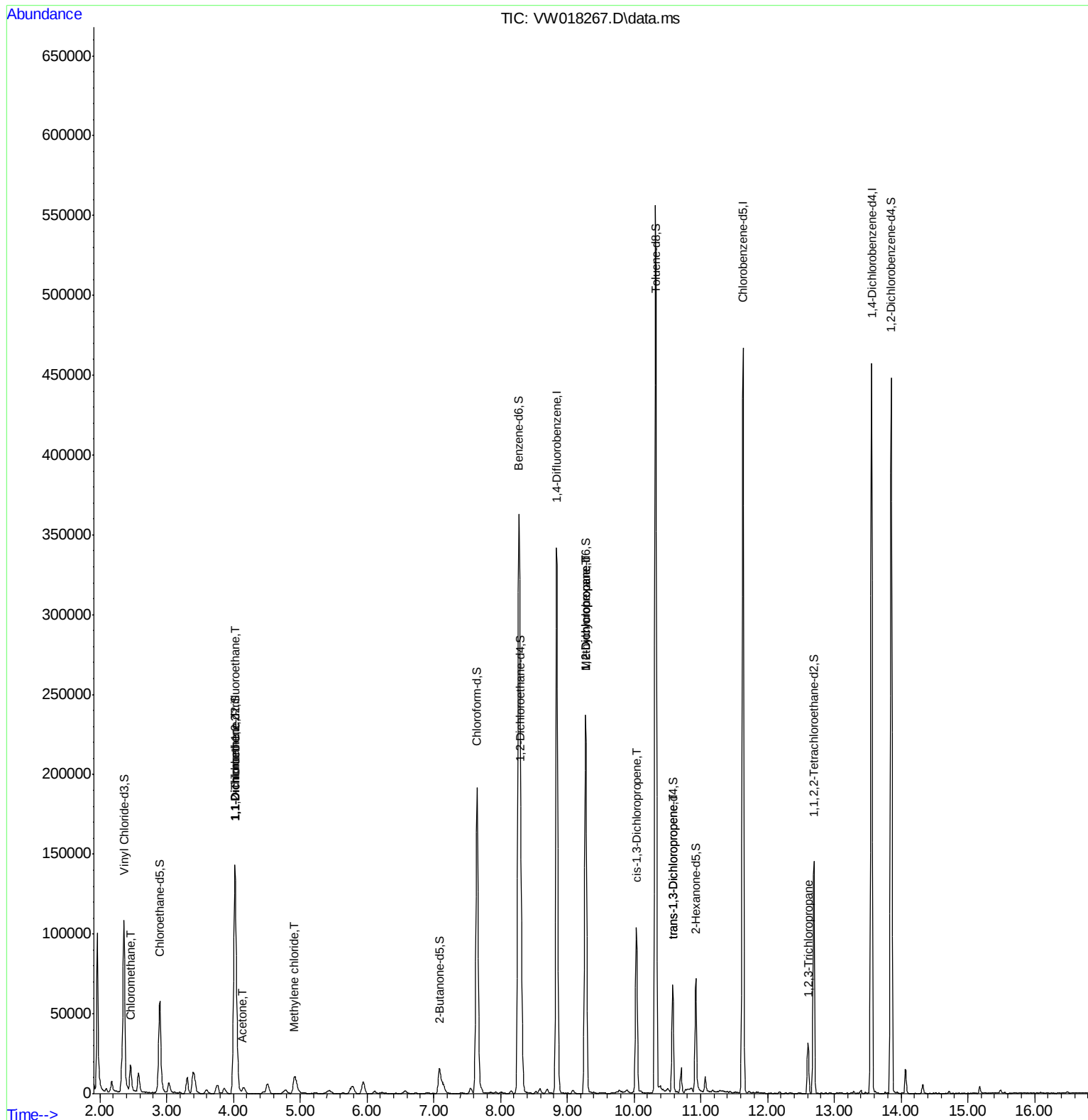
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	289972	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.633	117	255204	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	112448	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	90076	28.68	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 114.72%			
7) Chloroethane-d5	2.897	69	74298	29.14	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 116.56%			
10) 1,1-Dichloroethene-d2	4.019	63	149564	20.50	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 82.00%			
20) 2-Butanone-d5	7.085	46	26569	35.59	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 71.18%			
24) Chloroform-d	7.646	84	190194	24.21	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 96.84%			
26) 1,2-Dichloroethane-d4	8.305	65	104544	24.18	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.72%			
29) Benzene-d6	8.274	84	376381	27.70	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 110.80%			
33) 1,2-Dichloropropane-d6	9.274	67	100052	26.58	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 106.32%			
37) Toluene-d8	10.323	98	359861	27.45	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 109.80%			
38) trans-1,3-Dichloroprop...	10.579	79	36371	19.49	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 77.96%			
39) 2-Hexanone-d5	10.926	63	24377	38.93	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 77.86%			
48) 1,1,2,2-Tetrachloroeth...	12.694	84	64824	20.14	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 80.56%			
61) 1,2-Dichlorobenzene-d4	13.853	152	110540	27.05	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 108.20%			
Target Compounds						
3) Chloromethane	2.458	50	730	0.28	ug/L	98
11) 1,1,2-Trichloro-1,2,2-...	4.025	101	1485	0.36	ug/L #	20
12) 1,1-Dichloroethene	4.025	96	1220	0.32	ug/L #	1
13) Acetone	4.141	43	1713	2.94	ug/L	83
16) Methylene chloride	4.915	84	8914	2.01	ug/L	94
36) Methylcyclohexane	9.274	83	27999	4.04	ug/L #	20
40) 1,2-Dichloropropane	9.274	63	12867	3.77	ug/L #	84
42) cis-1,3-Dichloropropene	10.036	75	2970	0.52	ug/L #	74
45) trans-1,3-Dichloropropene	10.579	75	1921	0.38	ug/L #	82
59) 1,2,3-Trichloropropane	12.609	75	516	0.21	ug/L	98

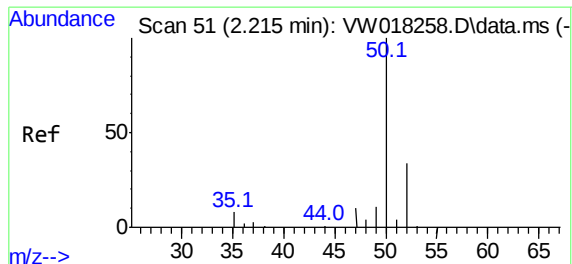
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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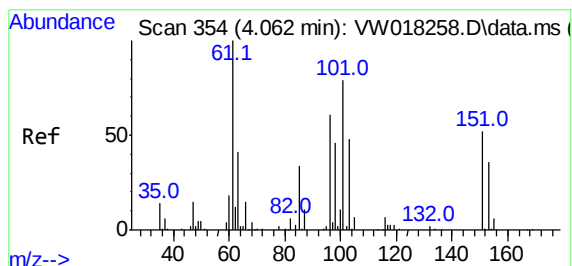
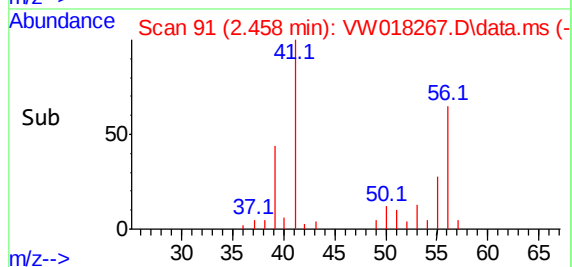
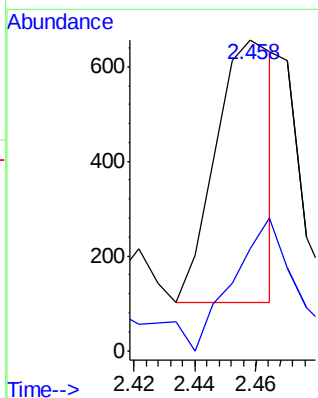
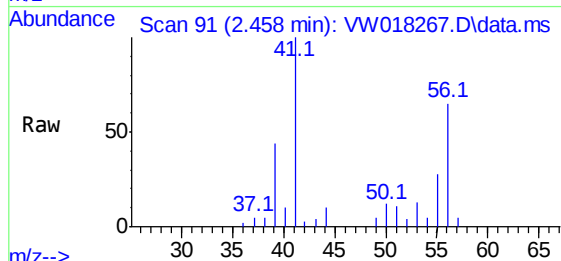




#3
Chloromethane
Concen: 0.28 ug/L
RT: 2.458 min Scan# 91
Delta R.T. 0.244 min
Lab File: VW018267.D
Acq: 09 Mar 2021 15:52

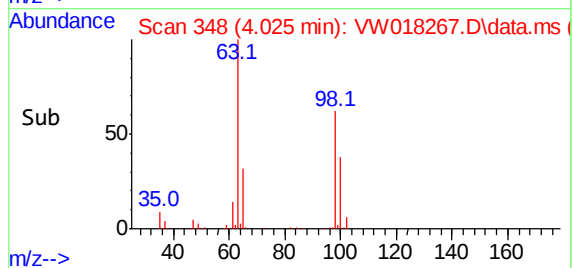
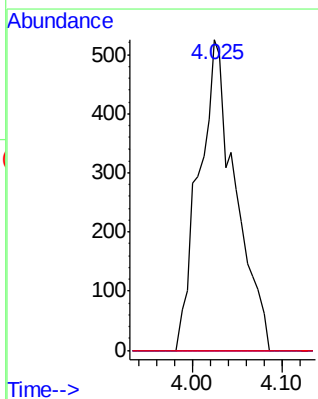
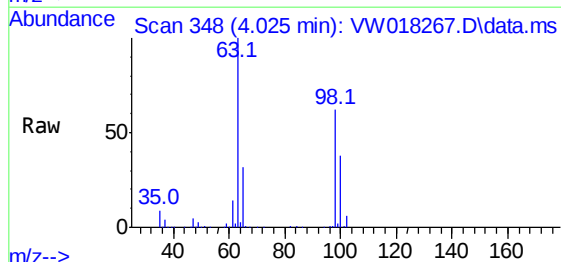
Instrument :
MSVOA_W
ClientSampleId :
BG558

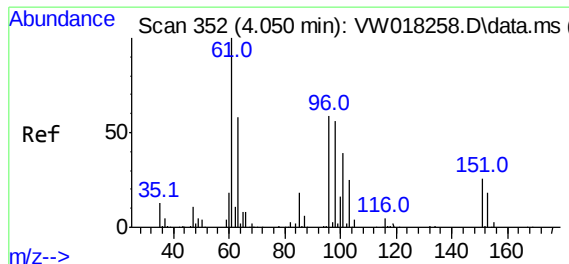
Tgt Ion: 50 Resp: 730
Ion Ratio Lower Upper
50 100
52 32.8 23.7 43.9



#11
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.36 ug/L
RT: 4.025 min Scan# 348
Delta R.T. -0.037 min
Lab File: VW018267.D
Acq: 09 Mar 2021 15:52

Tgt Ion: 101 Resp: 1485
Ion Ratio Lower Upper
101 100
85 0.0 35.6 53.4#
151 0.0 58.1 87.1#

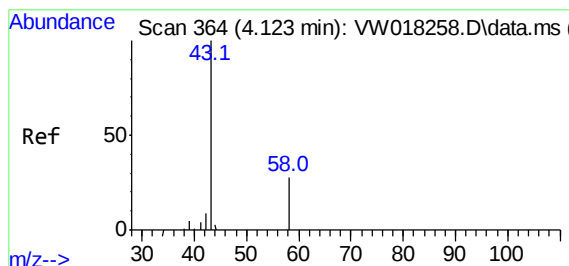
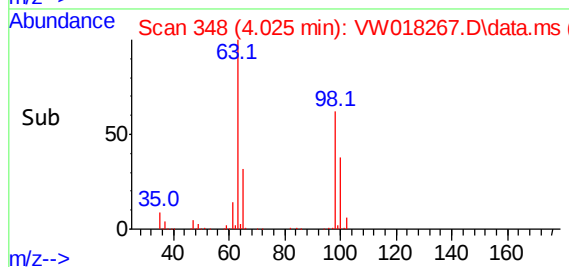
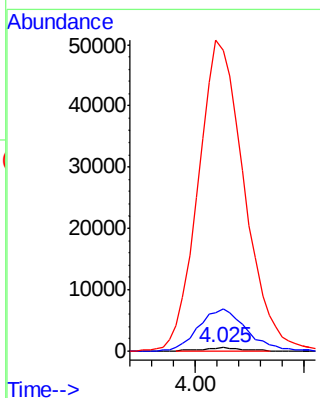
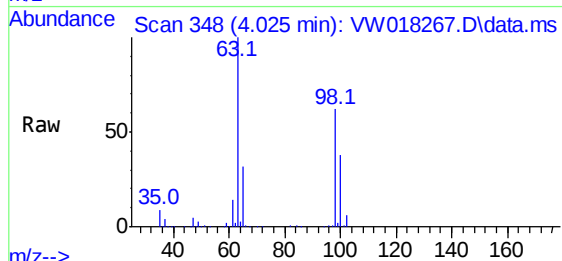




#12
1,1-Dichloroethene
Concen: 0.32 ug/L
RT: 4.025 min Scan# 348
Delta R.T. -0.025 min
Lab File: VW018267.D
Acq: 09 Mar 2021 15:52

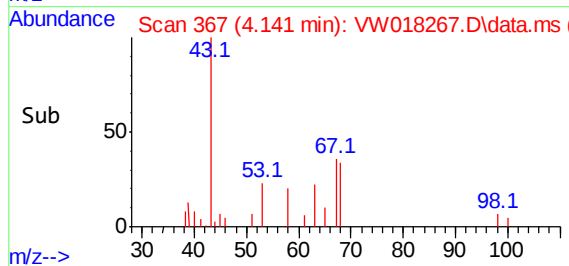
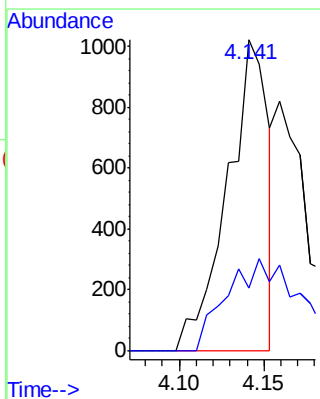
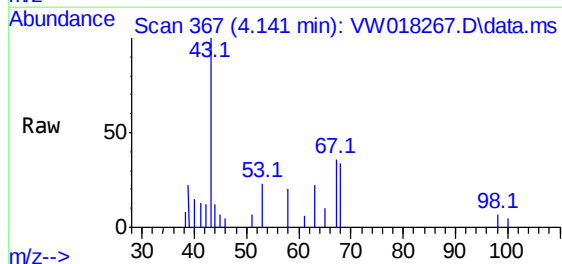
Instrument :
MSVOA_W
ClientSampleId :
BG558

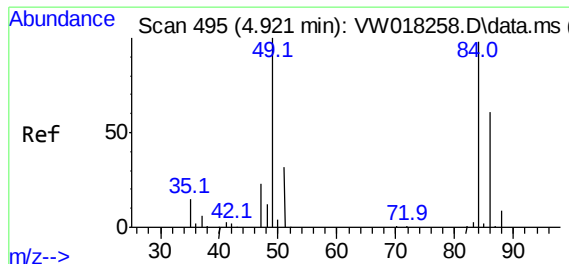
Tgt Ion: 96 Resp: 1220
Ion Ratio Lower Upper
96 100
61 1314.3 118.6 220.2#
63 9491.9 82.4 153.0#



#13
Acetone
Concen: 2.94 ug/L
RT: 4.141 min Scan# 367
Delta R.T. 0.018 min
Lab File: VW018267.D
Acq: 09 Mar 2021 15:52

Tgt Ion: 43 Resp: 1713
Ion Ratio Lower Upper
43 100
58 40.6 0.0 62.2



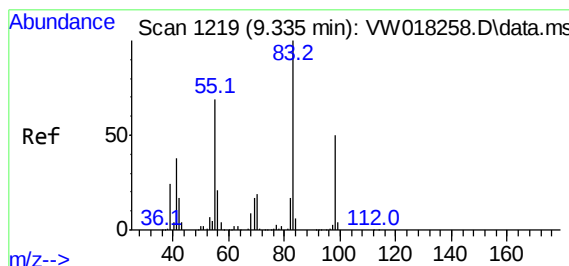
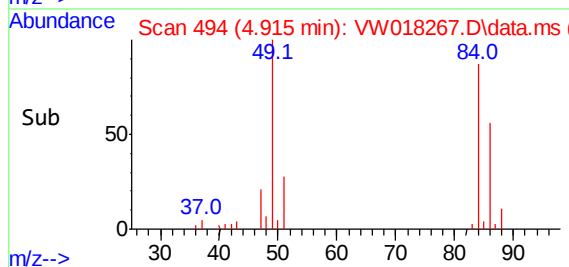
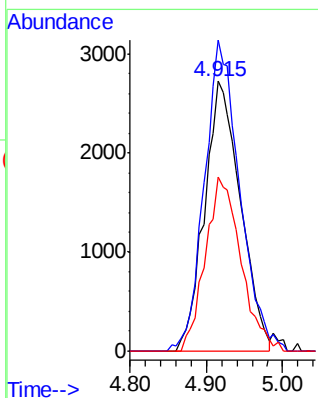
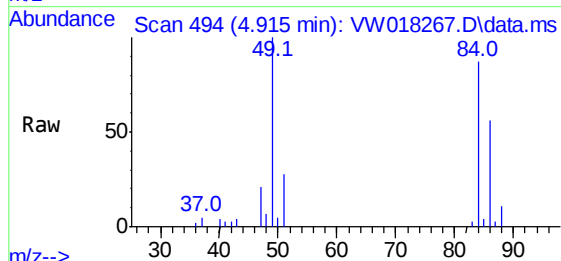


#16
Methylene chloride
Concen: 2.01 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW018267.D
Acq: 09 Mar 2021 15:52

Instrument :
MSVOA_W
ClientSampled :
BG558

Tgt Ion: 84 Resp: 8914

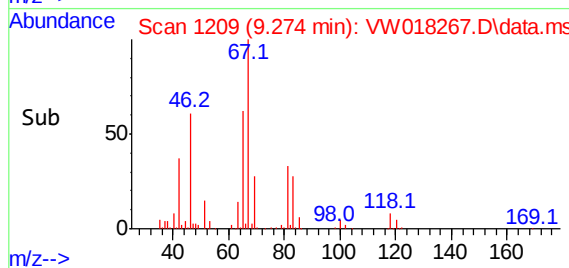
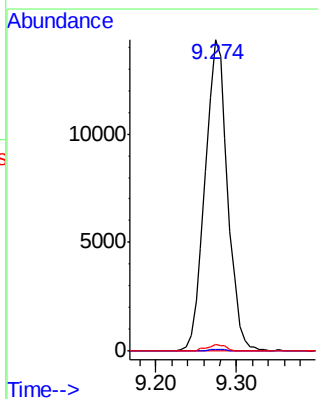
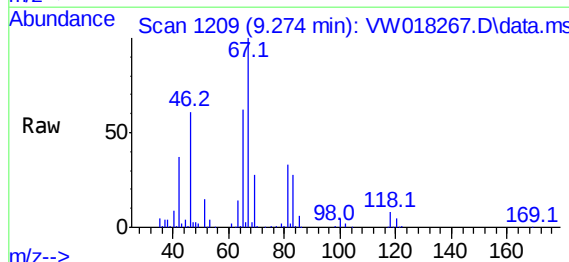
Ion	Ratio	Lower	Upper
84	100		
49	115.2	74.4	138.2
86	64.2	46.1	85.7

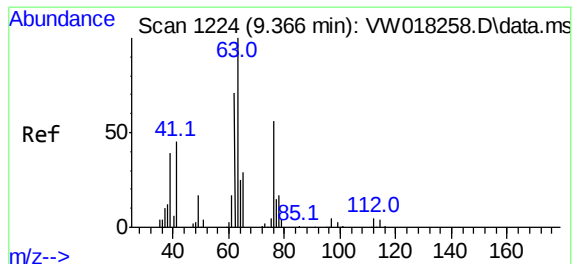


#36
Methylcyclohexane
Concen: 4.04 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW018267.D
Acq: 09 Mar 2021 15:52

Tgt Ion: 83 Resp: 27999

Ion	Ratio	Lower	Upper
83	100		
55	0.2	56.8	85.2#
98	1.6	40.6	61.0#

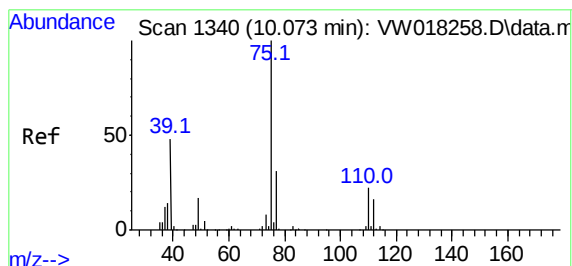
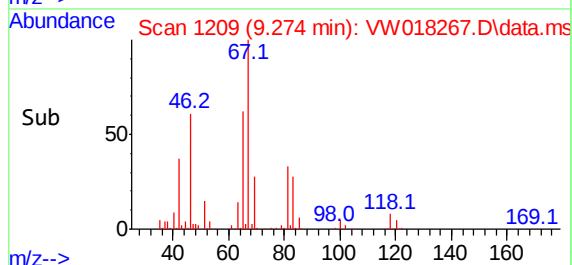
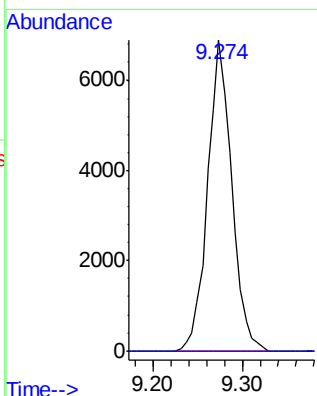
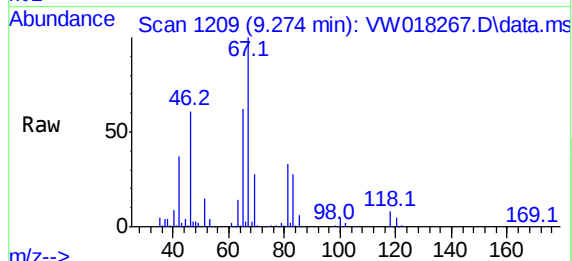




#40
1,2-Dichloropropane
Concen: 3.77 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.092 min
Lab File: VW018267.D
Acq: 09 Mar 2021 15:52

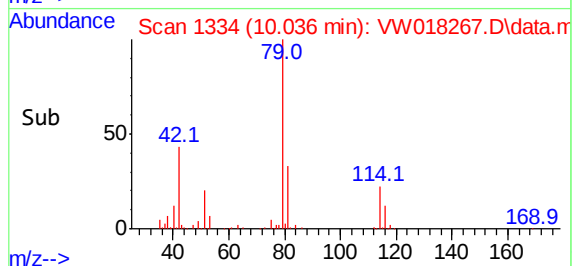
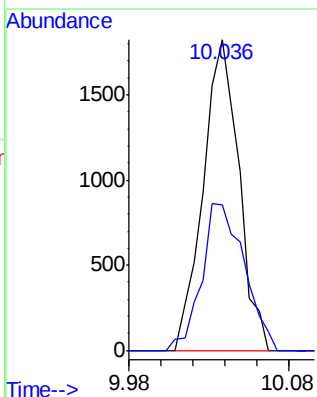
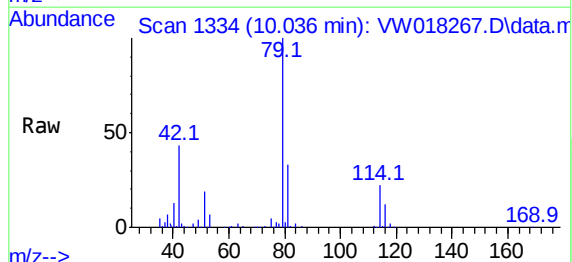
Instrument :
MSVOA_W
ClientSampleId :
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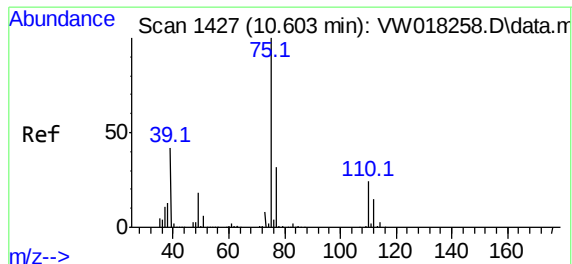
Tgt Ion: 63 Resp: 12867
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#



#42
cis-1,3-Dichloropropene
Concen: 0.52 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018267.D
Acq: 09 Mar 2021 15:52

Tgt Ion: 75 Resp: 2970
Ion Ratio Lower Upper
75 100
77 46.7 22.4 41.6#

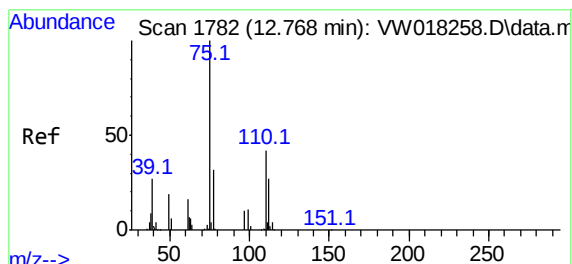
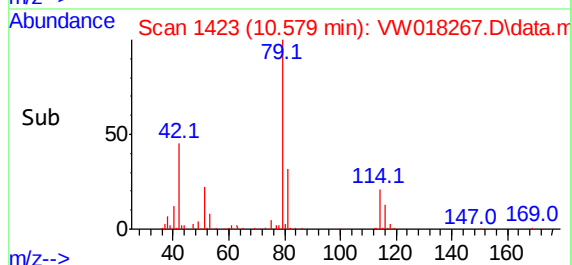
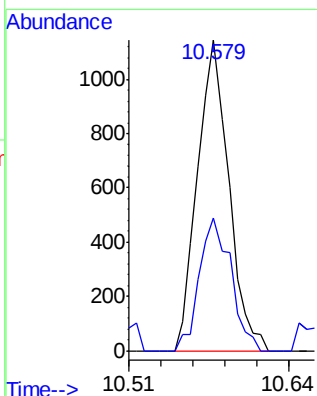
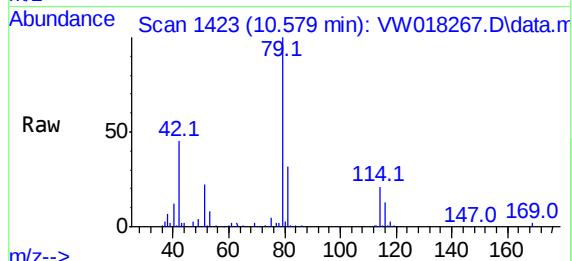




#45
trans-1,3-Dichloropropene
Concen: 0.38 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.025 min
Lab File: VW018267.D
Acq: 09 Mar 2021 15:52

Instrument :
MSVOA_W
ClientSampled :
BG558

Tgt Ion: 75 Resp: 1921
Ion Ratio Lower Upper
75 100
77 42.6 22.6 42.0#



#59
1,2,3-Trichloropropane
Concen: 0.21 ug/L
RT: 12.609 min Scan# 1756
Delta R.T. -0.159 min
Lab File: VW018267.D
Acq: 09 Mar 2021 15:52

Tgt Ion: 75 Resp: 516
Ion Ratio Lower Upper
75 100
77 33.3 25.6 38.4

