

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030921\
 Data File : VW018269.D
 Acq On : 09 Mar 2021 16:40
 Operator : SY/VA
 Sample : M1610-08
 Misc : 5.38G/10ML/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG561

Quant Time: Mar 10 02:17:15 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)

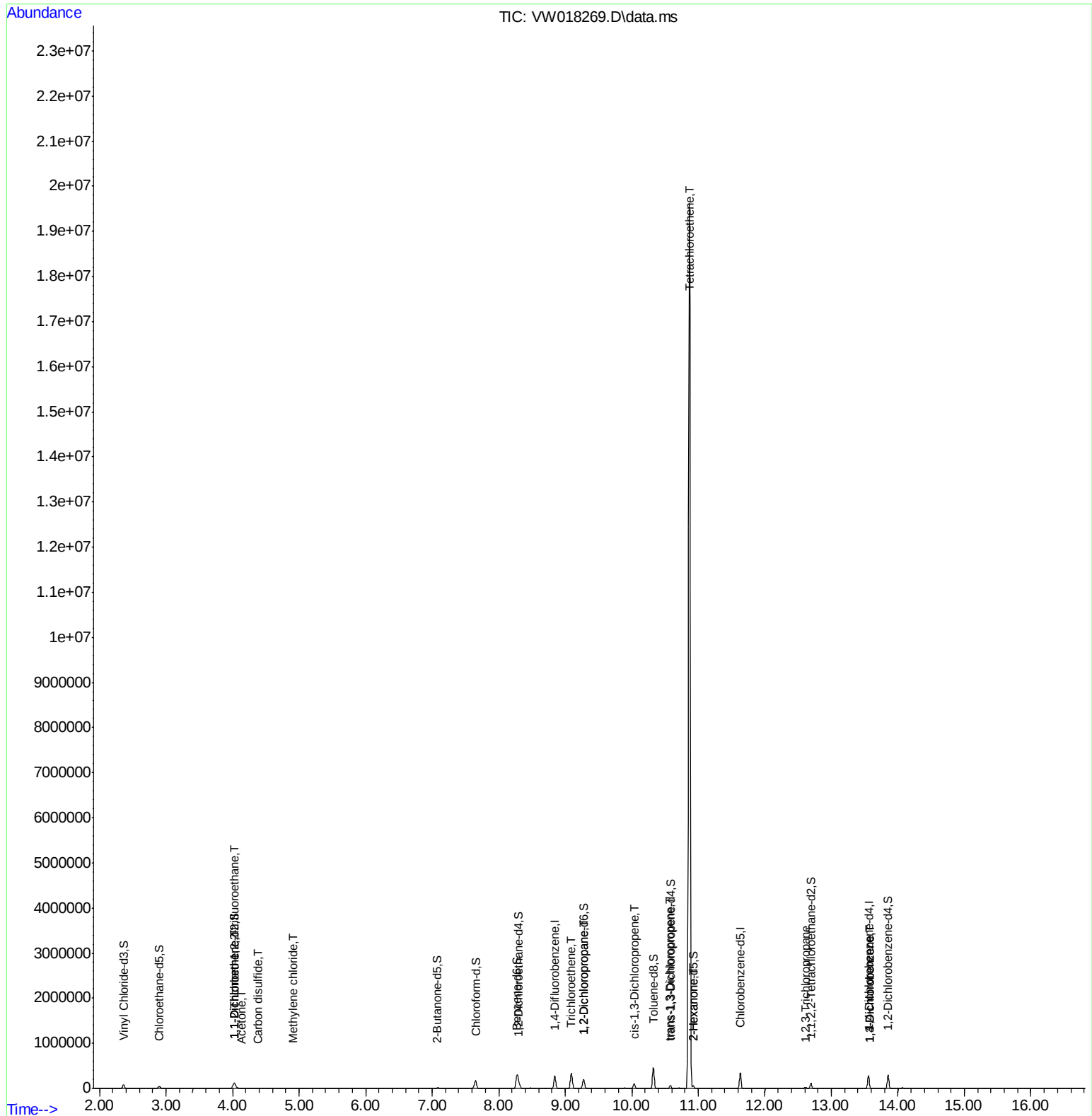
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	238691	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	191913	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	72938	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	80126	31.00	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 124.00%			
7) Chloroethane-d5	2.898	69	61600	29.35	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 117.40%			
10) 1,1-Dichloroethene-d2	4.025	63	127807	21.28	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 85.12%			
20) 2-Butanone-d5	7.080	46	21893	35.63	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 71.26%			
24) Chloroform-d	7.653	84	170587	26.38	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 105.52%			
26) 1,2-Dichloroethane-d4	8.305	65	85751	24.10	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.40%			
29) Benzene-d6	8.275	84	314641	30.80	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 123.20%			
33) 1,2-Dichloropropane-d6	9.274	67	84690	29.92	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 119.68%			
37) Toluene-d8	10.323	98	301508	30.58	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 122.32%			
38) trans-1,3-Dichloroprop...	10.579	79	34342	24.47	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 97.88%			
39) 2-Hexanone-d5	10.927	63	18624	39.55	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 79.10%			
48) 1,1,2,2-Tetrachloroeth...	12.695	84	51119	21.12	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 84.48%			
61) 1,2-Dichlorobenzene-d4	13.853	152	72162	27.22	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 108.88%			
Target Compounds						
					Qvalue	
11) 1,1,2-Trichloro-1,2,2-...	4.025	101	850	0.25	ug/L #	20
12) 1,1-Dichloroethene	4.031	96	1151	0.37	ug/L #	1
13) Acetone	4.135	43	1759	3.66	ug/L	76
14) Carbon disulfide	4.385	76	4424	0.48	ug/L	97
16) Methylene chloride	4.915	84	9162	2.51	ug/L	97
35) Trichloroethene	9.092	95	114352	35.33	ug/L	99
40) 1,2-Dichloropropane	9.274	63	11073	4.32	ug/L #	84
42) cis-1,3-Dichloropropene	10.037	75	3035	0.71	ug/L #	80
45) trans-1,3-Dichloropropene	10.573	75	1710	0.45	ug/L	84
47) Tetrachloroethene	10.866	164	4293091	1771.65	ug/L	90
49) 2-Hexanone	10.927	43	2250	2.45	ug/L #	68
59) 1,2,3-Trichloropropane	12.609	75	423	0.23	ug/L #	1
63) 1,3-Dichlorobenzene	13.579	146	1396	0.29	ug/L	97
64) 1,4-Dichlorobenzene	13.579	146	1396	0.29	ug/L	97

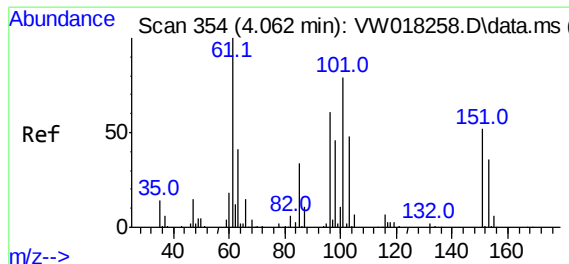
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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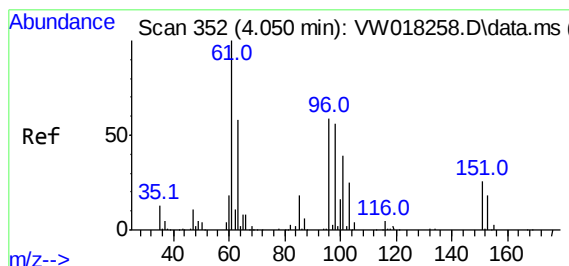
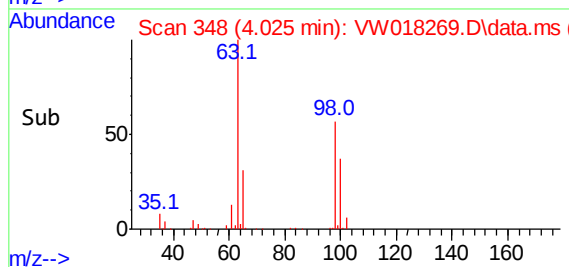
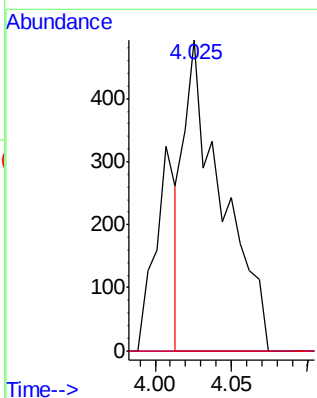
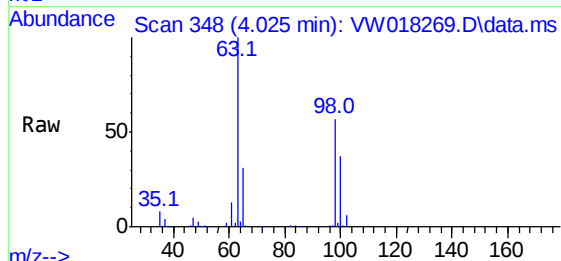




#11
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.25 ug/L
 RT: 4.025 min Scan# 348
 Delta R.T. -0.036 min
 Lab File: VW018269.D
 Acq: 09 Mar 2021 16:40

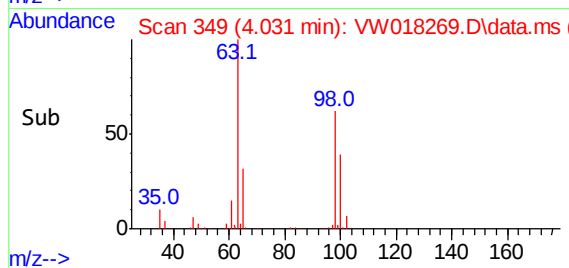
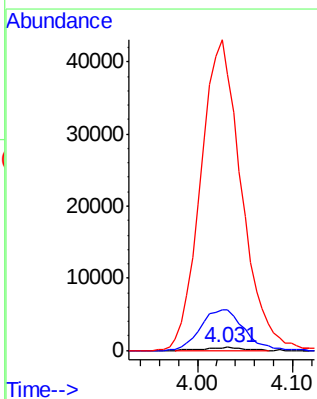
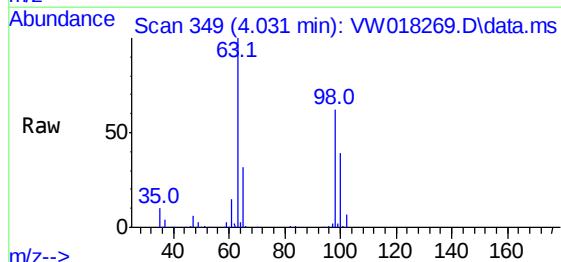
Instrument :
 MSVOA_W
 ClientSampled :
 BG561

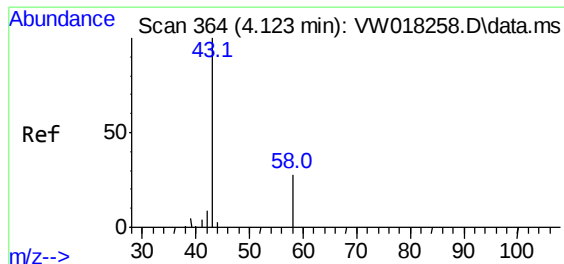
Tgt Ion:	101	Resp:	850
Ion	Ratio	Lower	Upper
101	100		
85	0.0	35.6	53.4#
151	0.0	58.1	87.1#



#12
 1,1-Dichloroethene
 Concen: 0.37 ug/L
 RT: 4.031 min Scan# 349
 Delta R.T. -0.018 min
 Lab File: VW018269.D
 Acq: 09 Mar 2021 16:40

Tgt Ion:	96	Resp:	1151
Ion	Ratio	Lower	Upper
96	100		
61	1338.4	118.6	220.2#
63	9013.2	82.4	153.0#

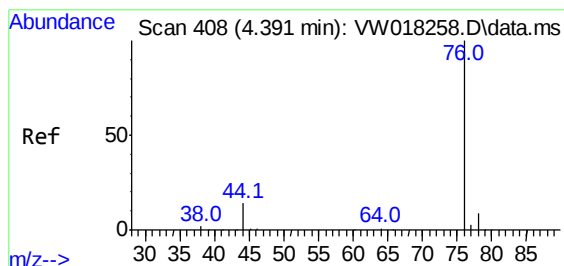
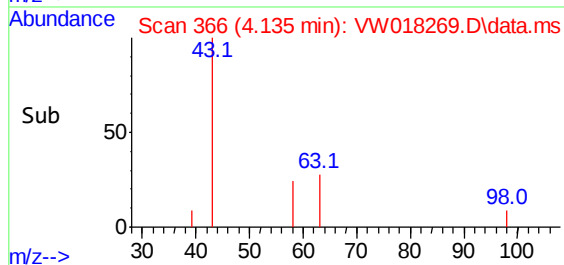
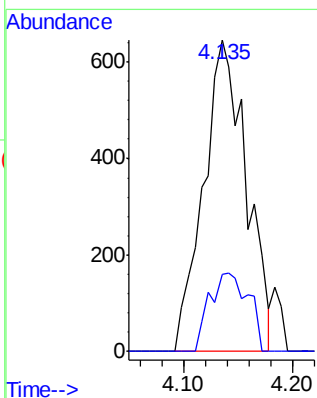
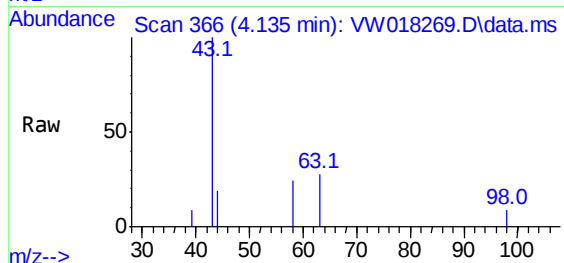




#13
Acetone
Concen: 3.66 ug/L
RT: 4.135 min Scan# 366
Delta R.T. 0.012 min
Lab File: VW018269.D
Acq: 09 Mar 2021 16:40

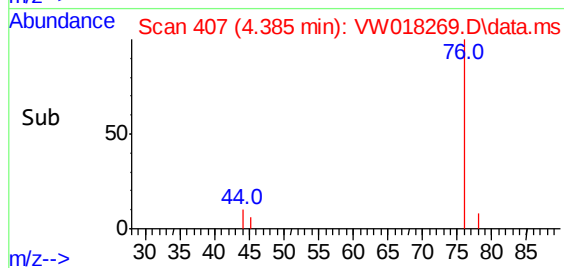
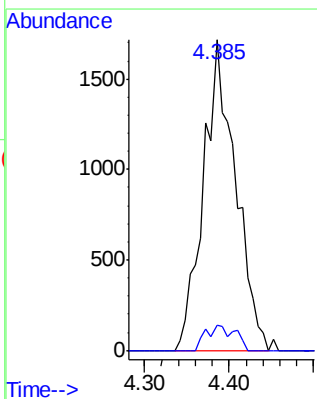
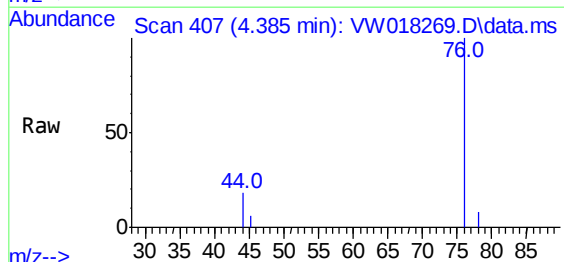
Instrument :
MSVOA_W
ClientSampled :
BG561

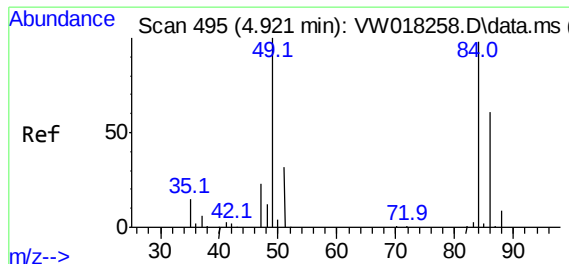
Tgt Ion: 43 Resp: 1759
Ion Ratio Lower Upper
43 100
58 18.0 0.0 62.2



#14
Carbon disulfide
Concen: 0.48 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.006 min
Lab File: VW018269.D
Acq: 09 Mar 2021 16:40

Tgt Ion: 76 Resp: 4424
Ion Ratio Lower Upper
76 100
78 8.1 7.4 11.2



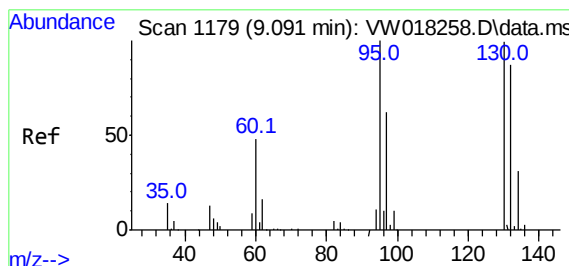
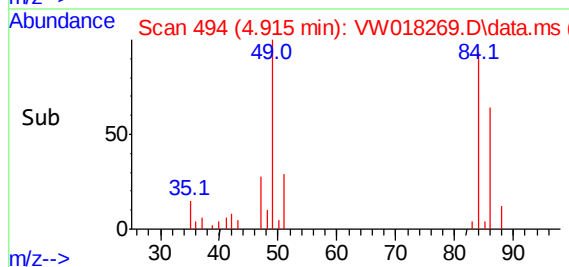
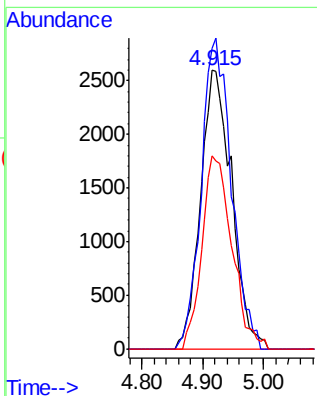
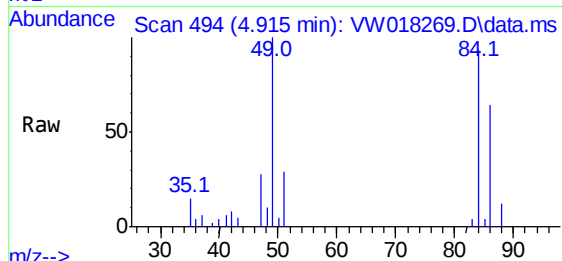


#16
Methylene chloride
Concen: 2.51 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW018269.D
Acq: 09 Mar 2021 16:40

Instrument :
MSVOA_W
ClientSampleId :
BG561

Tgt Ion: 84 Resp: 9162

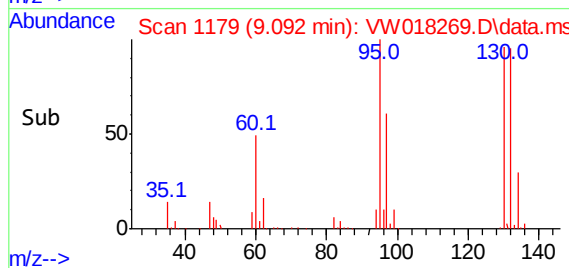
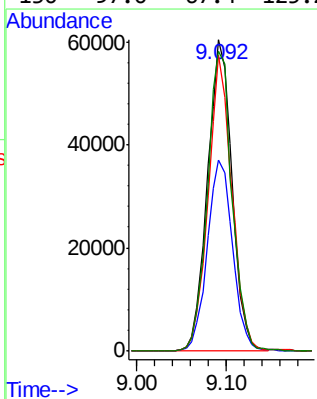
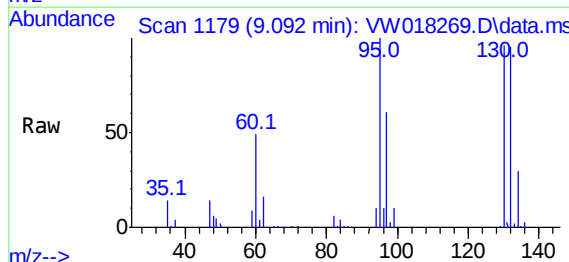
Ion	Ratio	Lower	Upper
84	100		
49	107.9	74.4	138.2
86	69.2	46.1	85.7

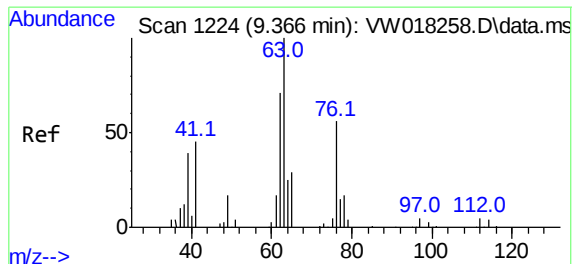


#35
Trichloroethene
Concen: 35.33 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW018269.D
Acq: 09 Mar 2021 16:40

Tgt Ion: 95 Resp: 114352

Ion	Ratio	Lower	Upper
95	100		
97	63.3	44.4	82.4
132	92.3	65.9	122.5
130	97.0	67.4	125.2

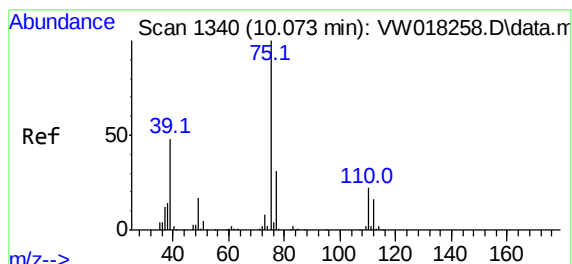
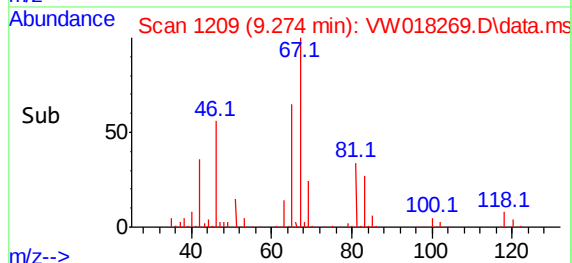
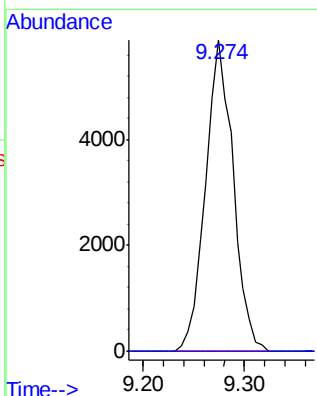
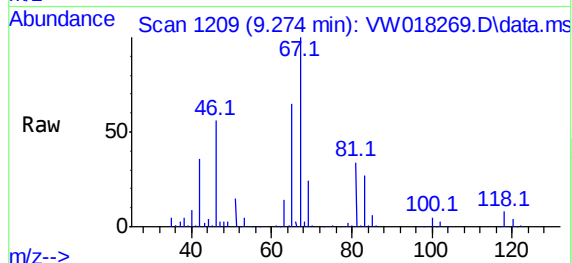




#40
1,2-Dichloropropane
Concen: 4.32 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.091 min
Lab File: VW018269.D
Acq: 09 Mar 2021 16:40

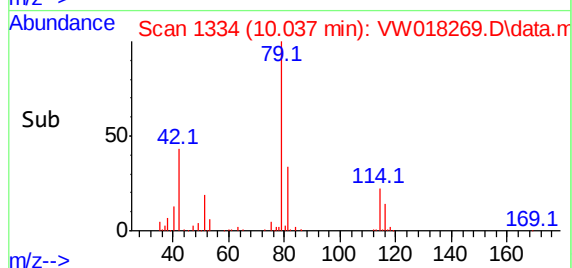
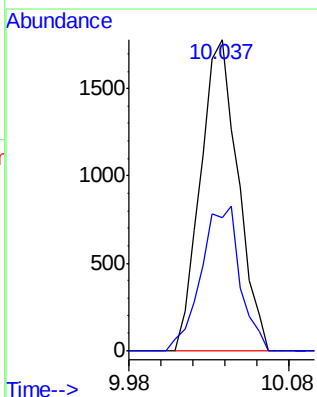
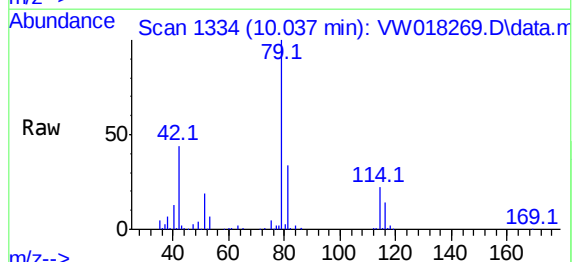
Instrument :
MSVOA_W
ClientSampleId :
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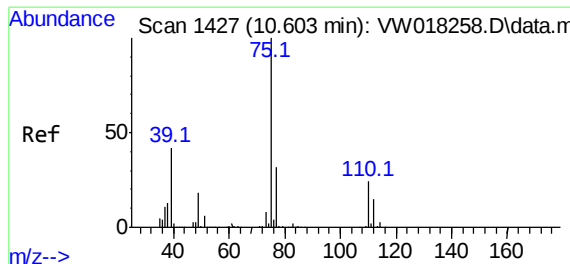
Tgt Ion: 63 Resp: 11073
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#



#42
cis-1,3-Dichloropropene
Concen: 0.71 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.036 min
Lab File: VW018269.D
Acq: 09 Mar 2021 16:40

Tgt Ion: 75 Resp: 3035
Ion Ratio Lower Upper
75 100
77 42.9 22.4 41.6#

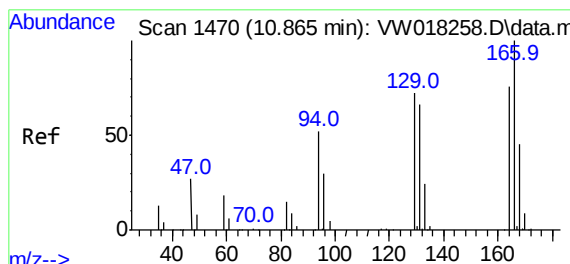
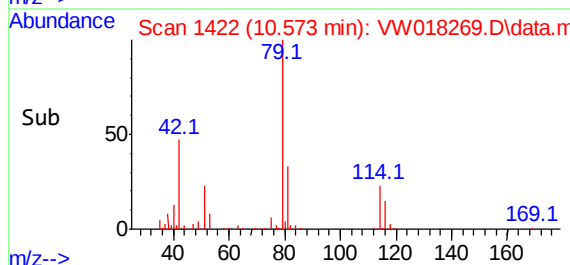
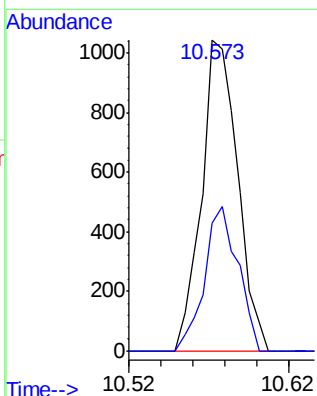
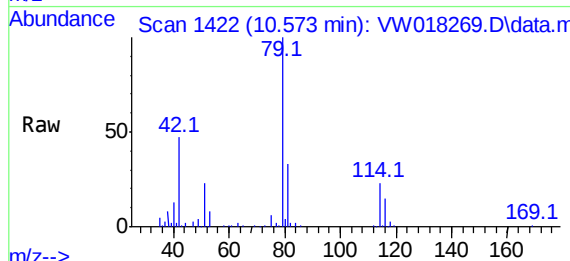




#45
trans-1,3-Dichloropropene
Concen: 0.45 ug/L
RT: 10.573 min Scan# 1422
Delta R.T. -0.030 min
Lab File: VW018269.D
Acq: 09 Mar 2021 16:40

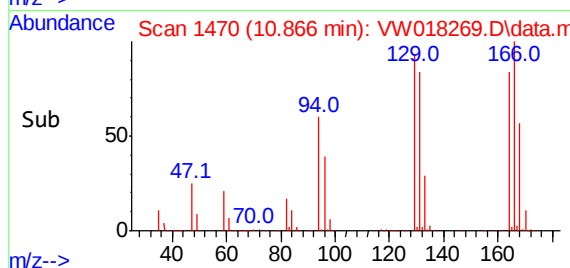
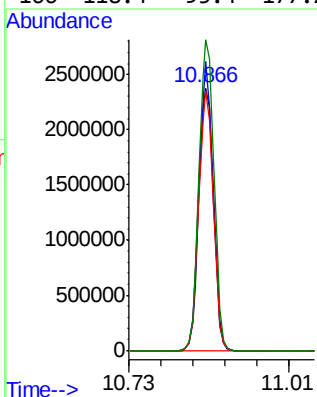
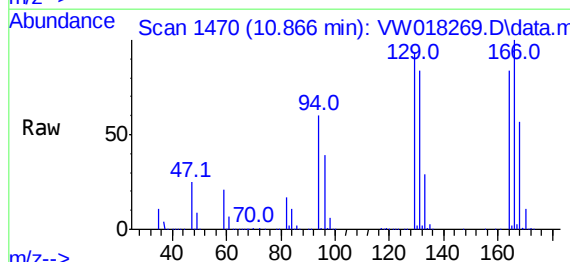
Instrument :
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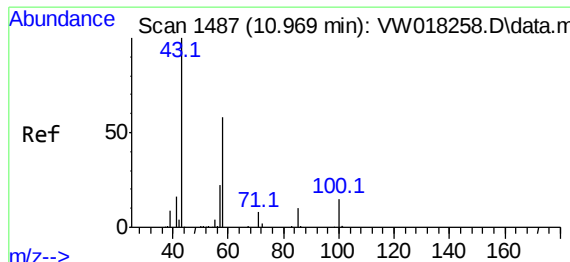
Tgt Ion: 75 Resp: 1710
Ion Ratio Lower Upper
75 100
77 41.1 22.6 42.0



#47
Tetrachloroethene
Concen: 1771.65 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VW018269.D
Acq: 09 Mar 2021 16:40

Tgt Ion:164 Resp: 4293091
Ion Ratio Lower Upper
164 100
129 110.0 68.8 127.8
131 99.0 68.3 126.8
166 118.4 95.4 177.2



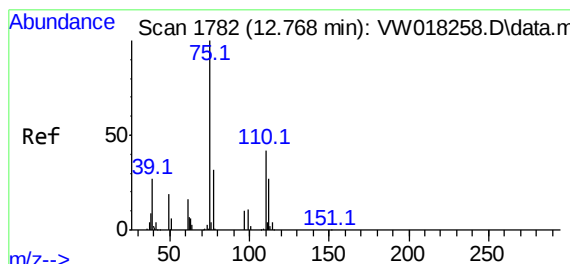
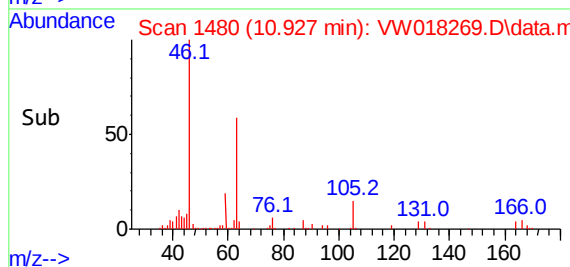
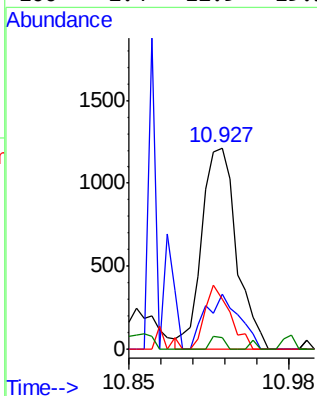
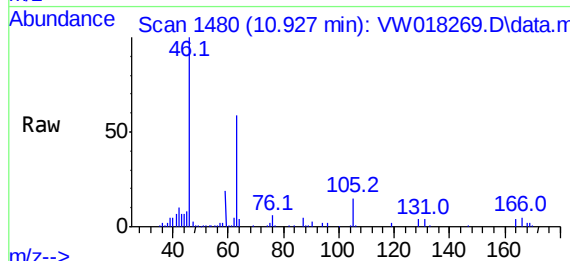


#49
2-Hexanone
Concen: 2.45 ug/L
RT: 10.927 min Scan# 1480
Delta R.T. -0.043 min
Lab File: VW018269.D
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Instrument :
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Tgt Ion: 43 Resp: 2250

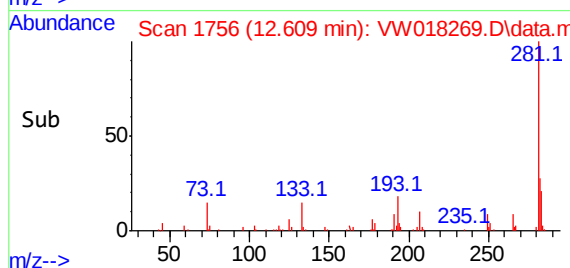
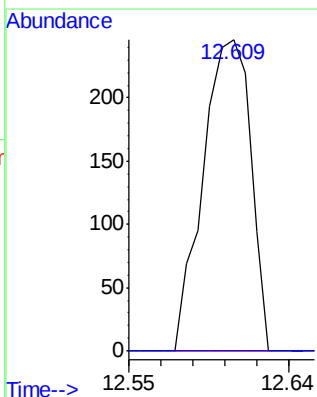
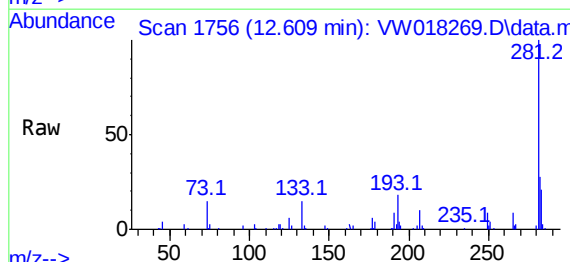
Ion	Ratio	Lower	Upper
43	100		
58	26.7	47.3	70.9#
57	22.7	17.3	25.9
100	2.4	12.9	19.3#

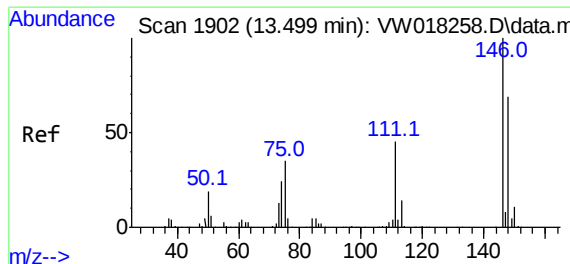


#59
1,2,3-Trichloropropane
Concen: 0.23 ug/L
RT: 12.609 min Scan# 1756
Delta R.T. -0.158 min
Lab File: VW018269.D
Acq: 09 Mar 2021 16:40

Tgt Ion: 75 Resp: 423

Ion	Ratio	Lower	Upper
75	100		
77	112.8	25.6	38.4#

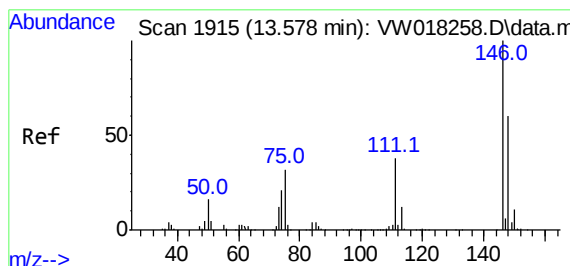
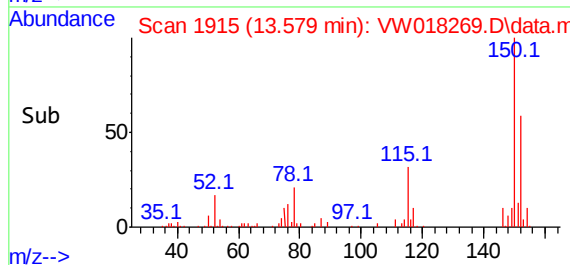
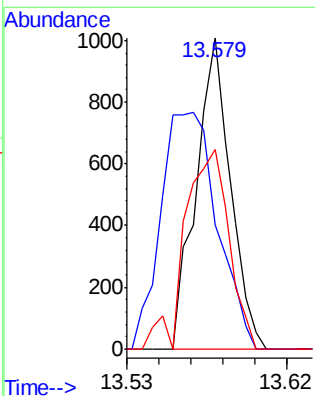
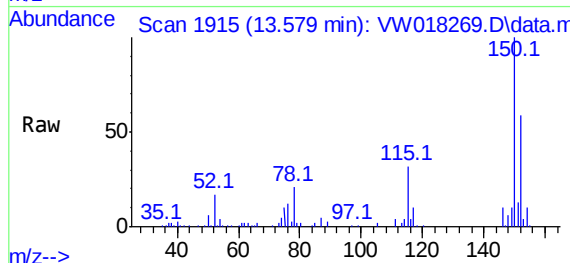




#63
1,3-Dichlorobenzene
Concen: 0.29 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.079 min
Lab File: VW018269.D
Acq: 09 Mar 2021 16:40

Instrument :
MSVOA_W
ClientSampled :
BG561

Tgt Ion:146 Resp: 1396
Ion Ratio Lower Upper
146 100
111 40.1 27.5 51.1
148 64.2 43.0 80.0



#64
1,4-Dichlorobenzene
Concen: 0.29 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW018269.D
Acq: 09 Mar 2021 16:40

Tgt Ion:146 Resp: 1396
Ion Ratio Lower Upper
146 100
111 40.1 28.3 52.5
148 64.2 47.3 87.9

