

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031021\
 Data File : VW018281.D
 Acq On : 10 Mar 2021 12:29
 Operator : SY/VA
 Sample : M1610-18
 Misc : 5.62G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG567

Quant Time: Mar 11 02:01:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM030821S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 11 02:01:11 2021
 Response via : Initial Calibration

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

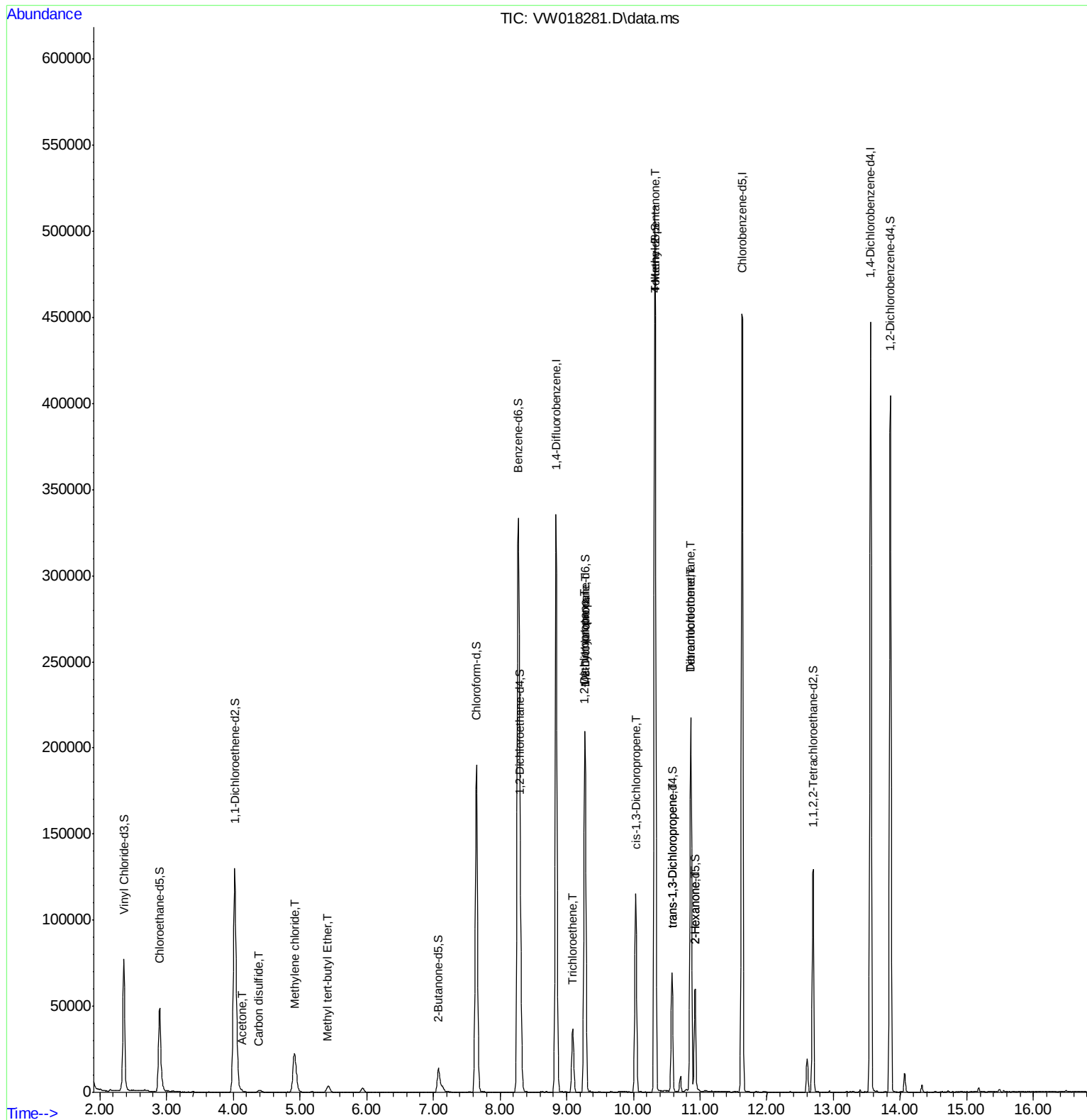
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	284003	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	249689	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	112489	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	87615	28.49	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	113.96%		
7) Chloroethane-d5	2.898	69	65642	26.28	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	105.12%		
10) 1,1-Dichloroethene-d2	4.019	63	142738	19.97	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	79.88%		
20) 2-Butanone-d5	7.080	46	23745	32.47	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	64.94%		
24) Chloroform-d	7.647	84	184964	24.04	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	96.16%		
26) 1,2-Dichloroethane-d4	8.305	65	93538	22.09	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	88.36%		
29) Benzene-d6	8.275	84	348256	26.20	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	104.80%		
33) 1,2-Dichloropropane-d6	9.274	67	92617	25.15	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	100.60%		
37) Toluene-d8	10.323	98	341618	26.63	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	106.52%		
38) trans-1,3-Dichloroprop...	10.579	79	40039	21.93	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	87.72%		
39) 2-Hexanone-d5	10.920	63	20846	34.02	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	68.04%		
48) 1,1,2,2-Tetrachloroeth...	12.688	84	59998	19.05	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	76.20%		
61) 1,2-Dichlorobenzene-d4	13.853	152	99678	24.38	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	97.52%		
Target Compounds						Qvalue
13) Acetone	4.135	43	1077	1.88	ug/L	69
14) Carbon disulfide	4.385	76	2256	0.21	ug/L #	74
16) Methylene chloride	4.922	84	20356	4.70	ug/L	92
17) Methyl tert-butyl Ether	5.415	73	3118	0.73	ug/L #	76
35) Trichloroethene	9.092	95	12651	3.00	ug/L	98
36) Methylcyclohexane	9.274	83	25672	3.79	ug/L #	21
40) 1,2-Dichloropropane	9.268	63	11842	3.55	ug/L #	84
42) cis-1,3-Dichloropropene	10.036	75	3316	0.59	ug/L #	73
43) 4-Methyl-2-pentanone	10.323	43	1441	0.83	ug/L #	1
45) trans-1,3-Dichloropropene	10.579	75	2033	0.41	ug/L #	80
47) Tetrachloroethene	10.859	164	45731	14.51	ug/L	84
49) 2-Hexanone	10.920	43	2512	2.10	ug/L #	64
50) Dibromochloromethane	10.859	129	45365	13.46	ug/L #	8

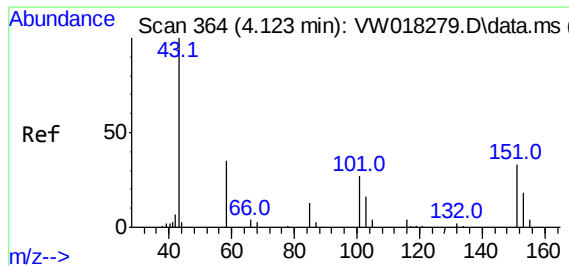
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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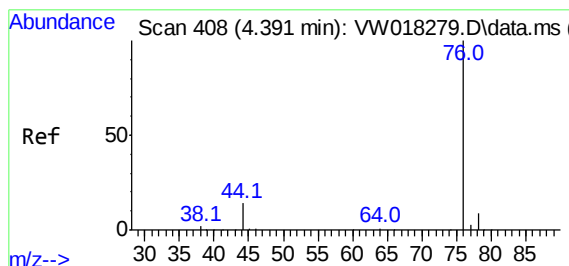
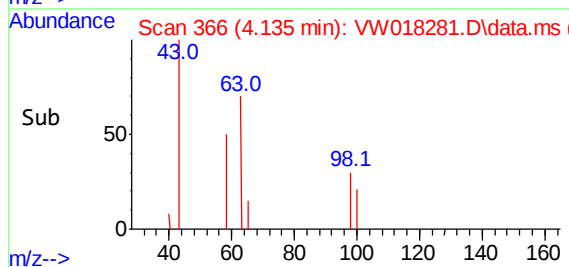
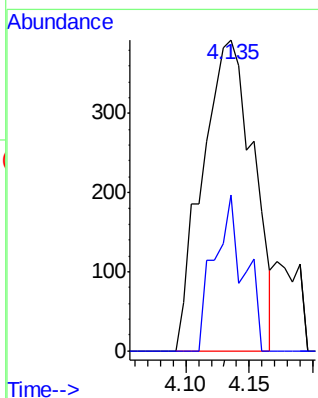
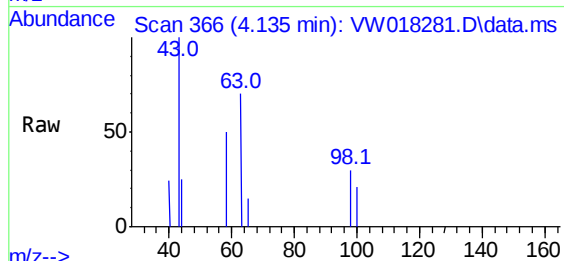




#13
Acetone
Concen: 1.88 ug/L
RT: 4.135 min Scan# 366
Delta R.T. 0.012 min
Lab File: VW018281.D
Acq: 10 Mar 2021 12:29

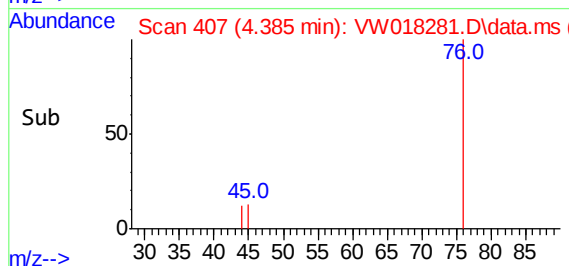
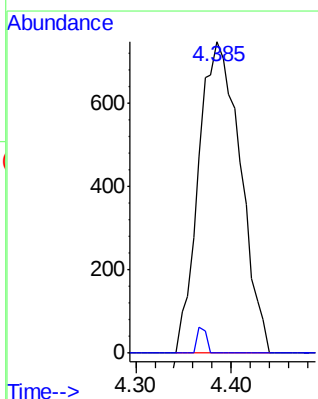
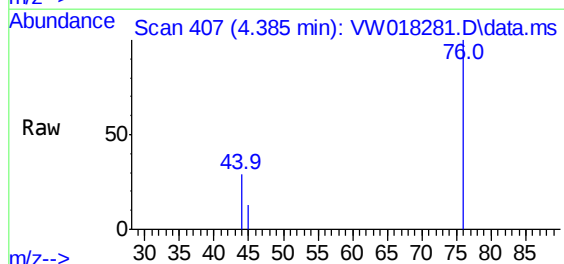
Instrument :
MSVOA_W
ClientSampleId :
BG567

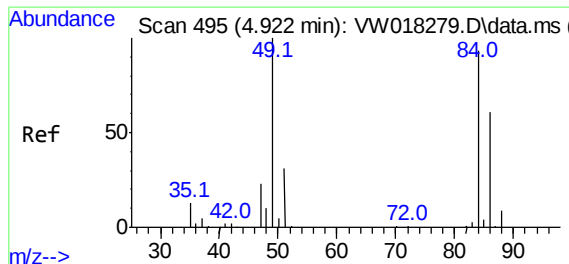
Tgt Ion: 43 Resp: 1077
Ion Ratio Lower Upper
43 100
58 14.2 0.0 62.2



#14
Carbon disulfide
Concen: 0.21 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.006 min
Lab File: VW018281.D
Acq: 10 Mar 2021 12:29

Tgt Ion: 76 Resp: 2256
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.2#

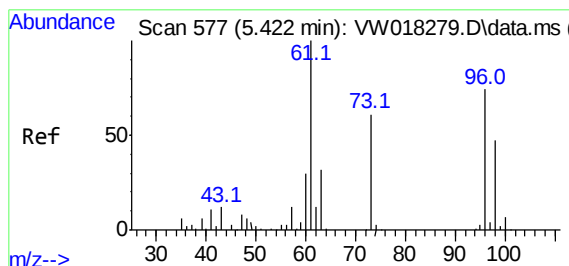
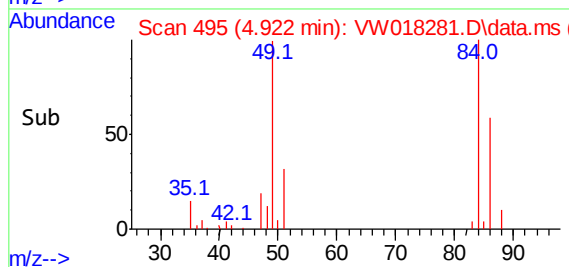
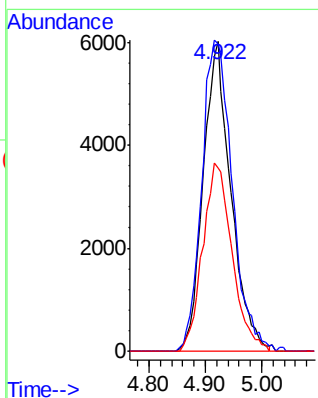
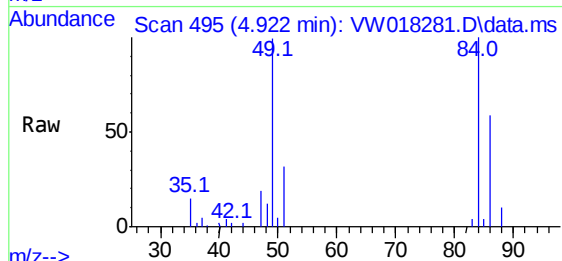




#16
Methylene chloride
Concen: 4.70 ug/L
RT: 4.922 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW018281.D
Acq: 10 Mar 2021 12:29

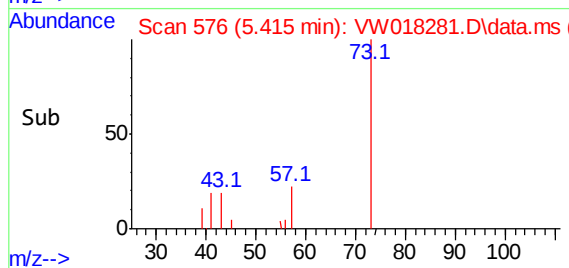
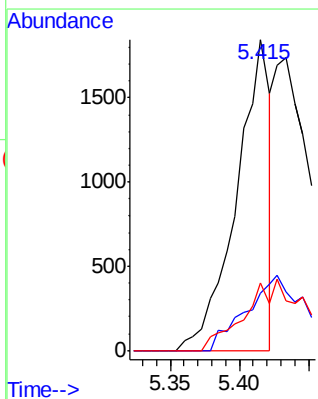
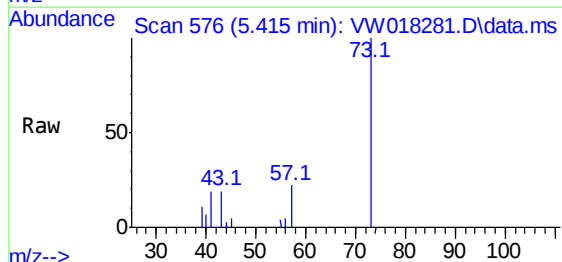
Instrument :
MSVOA_W
ClientSampled :
BG567

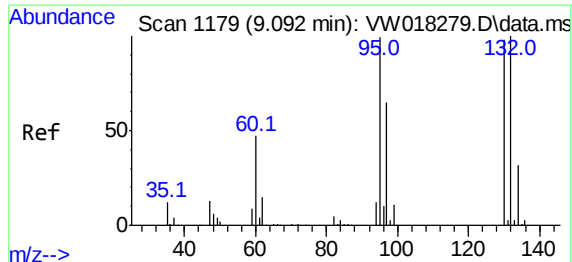
Tgt Ion: 84 Resp: 20356
Ion Ratio Lower Upper
84 100
49 99.1 74.4 138.2
86 58.9 46.1 85.7



#17
Methyl tert-butyl Ether
Concen: 0.73 ug/L
RT: 5.415 min Scan# 576
Delta R.T. -0.006 min
Lab File: VW018281.D
Acq: 10 Mar 2021 12:29

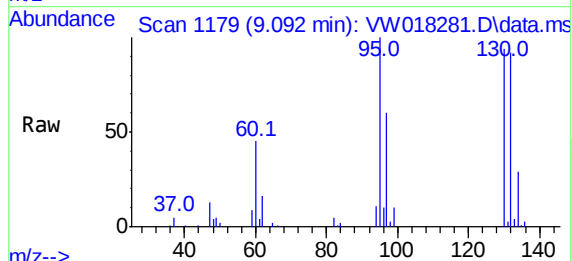
Tgt Ion: 73 Resp: 3118
Ion Ratio Lower Upper
73 100
43 0.0 16.6 24.8#
57 18.7 15.9 23.9





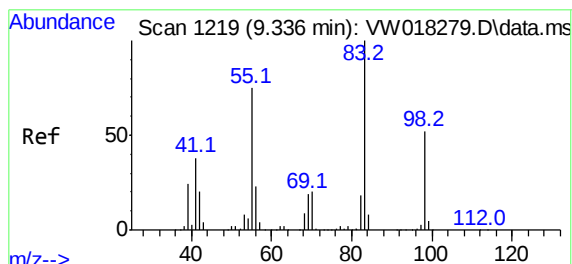
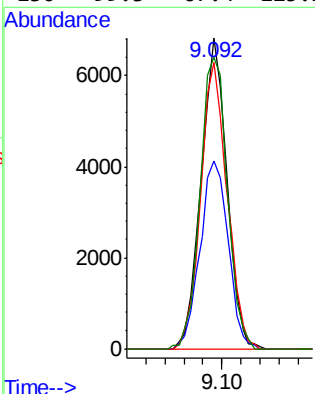
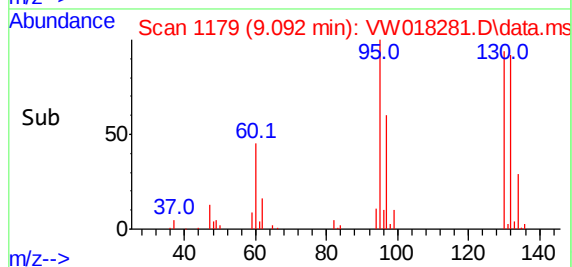
#35
Trichloroethene
Concen: 3.00 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW018281.D
Acq: 10 Mar 2021 12:29

Instrument :
MSVOA_W
ClientSampleId :
BG567

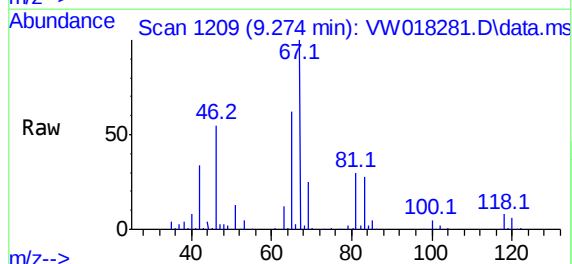


Tgt Ion: 95 Resp: 12651

Ion	Ratio	Lower	Upper
95	100		
97	66.0	44.4	82.4
132	94.7	65.9	122.5
130	99.3	67.4	125.2

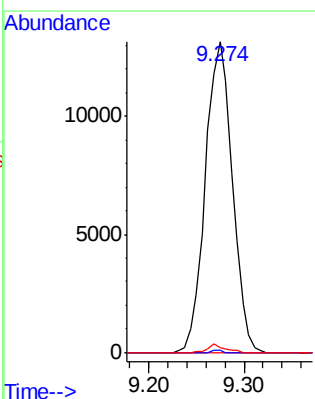
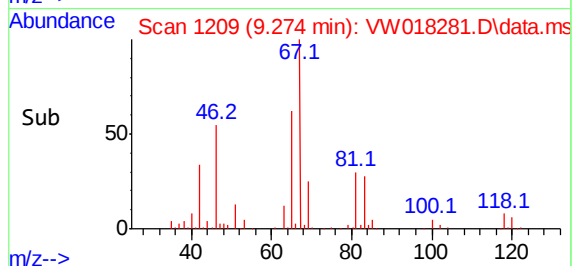


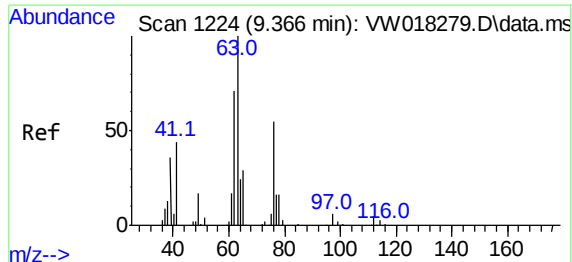
#36
Methylcyclohexane
Concen: 3.79 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW018281.D
Acq: 10 Mar 2021 12:29



Tgt Ion: 83 Resp: 25672

Ion	Ratio	Lower	Upper
83	100		
55	0.2	56.8	85.2#
98	1.7	40.6	61.0#

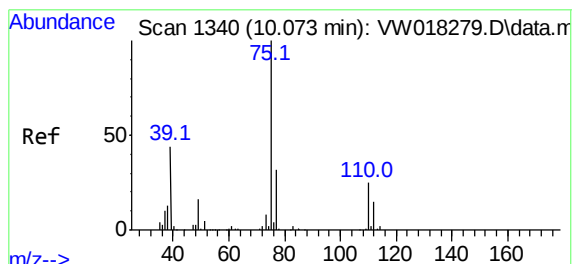
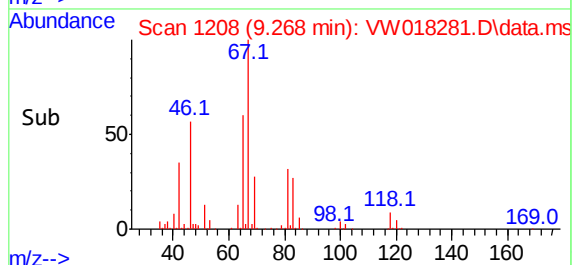
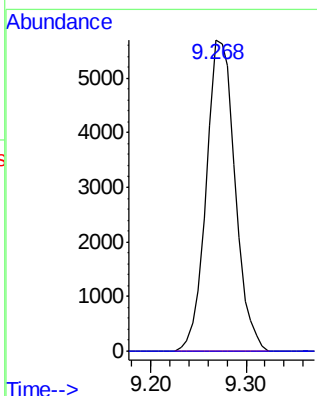
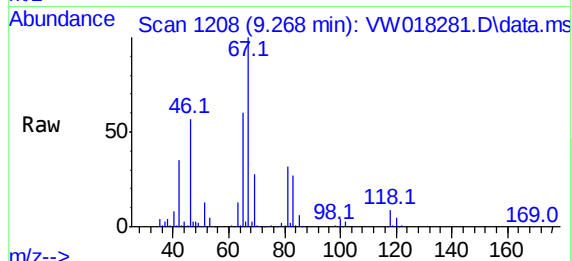




#40
1,2-Dichloropropane
Concen: 3.55 ug/L
RT: 9.268 min Scan# 1208
Delta R.T. -0.098 min
Lab File: VW018281.D
Acq: 10 Mar 2021 12:29

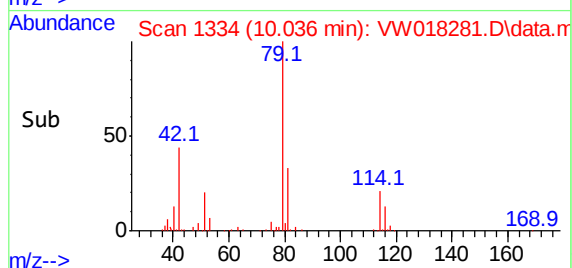
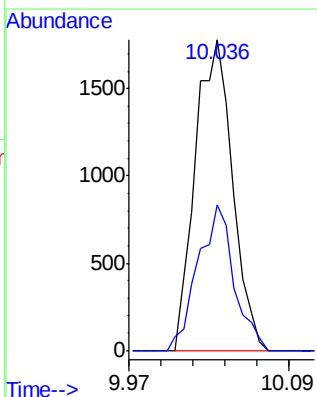
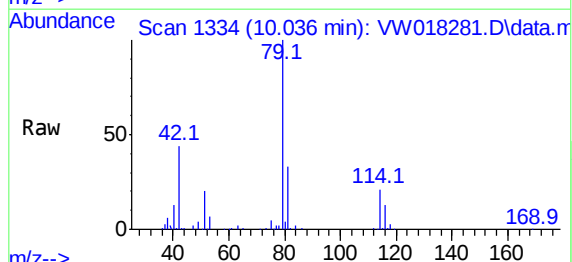
Instrument :
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ClientSampleId :
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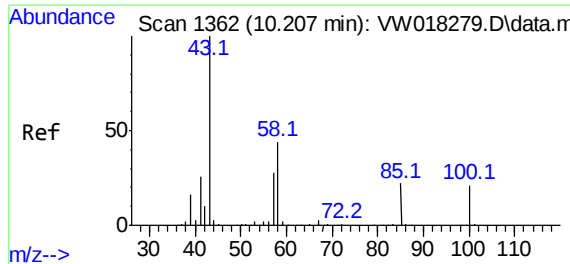
Tgt Ion: 63 Resp: 11842
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#



#42
cis-1,3-Dichloropropene
Concen: 0.59 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018281.D
Acq: 10 Mar 2021 12:29

Tgt Ion: 75 Resp: 3316
Ion Ratio Lower Upper
75 100
77 46.9 22.4 41.6#

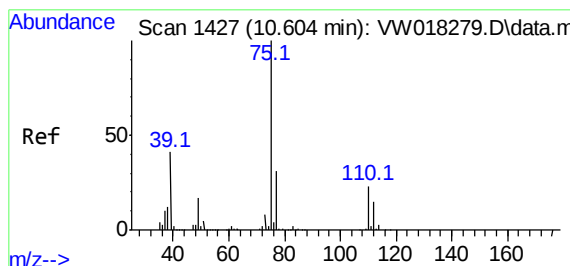
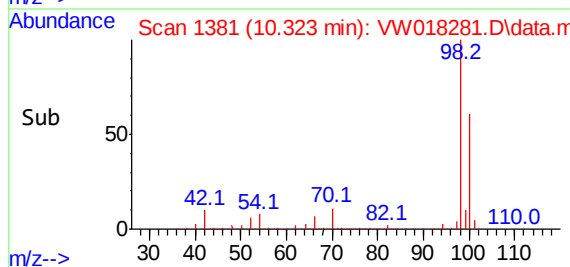
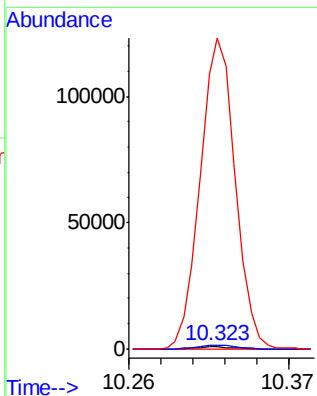
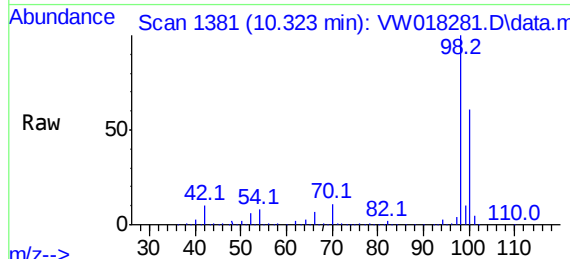




#43
4-Methyl-2-pentanone
Concen: 0.83 ug/L
RT: 10.323 min Scan# 1381
Delta R.T. 0.116 min
Lab File: VW018281.D
Acq: 10 Mar 2021 12:29

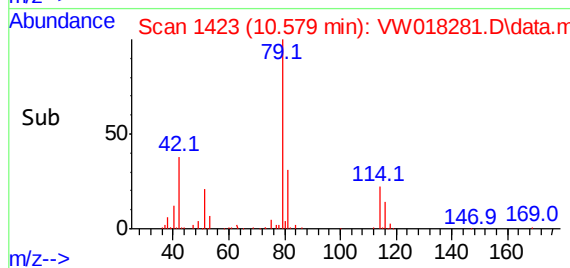
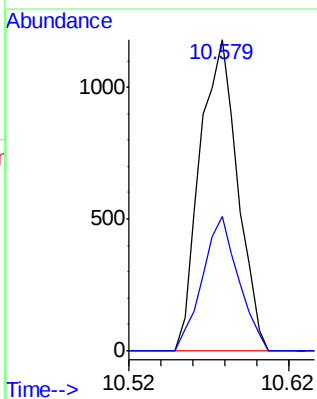
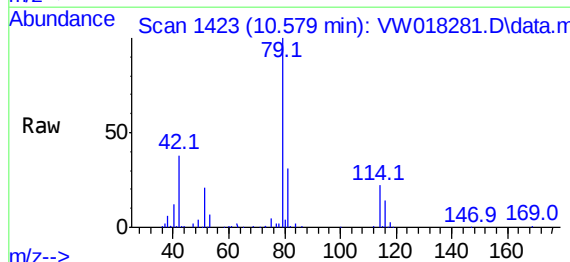
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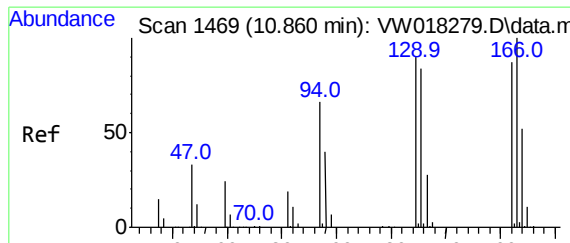
Tgt Ion: 43 Resp: 1441
Ion Ratio Lower Upper
43 100
58 193.3 34.8 52.2#
100 15016.3 15.9 23.9#



#45
trans-1,3-Dichloropropene
Concen: 0.41 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.025 min
Lab File: VW018281.D
Acq: 10 Mar 2021 12:29

Tgt Ion: 75 Resp: 2033
Ion Ratio Lower Upper
75 100
77 43.4 22.6 42.0#



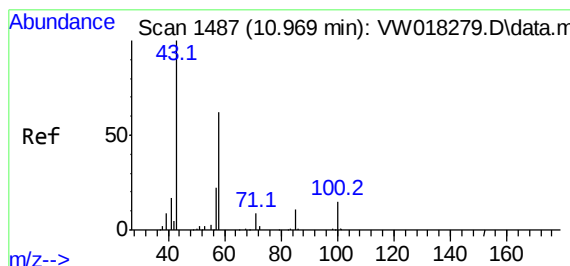
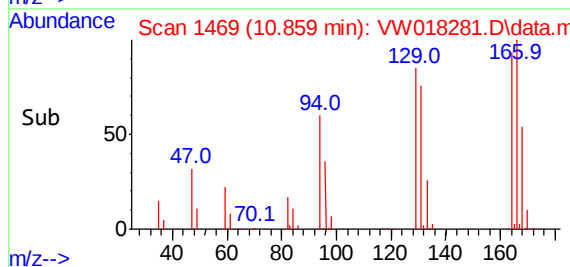
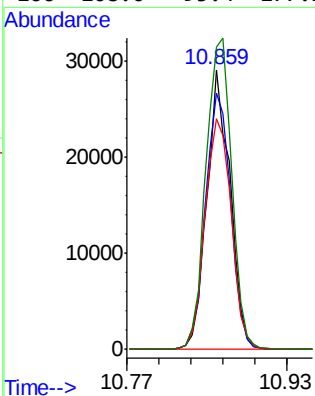
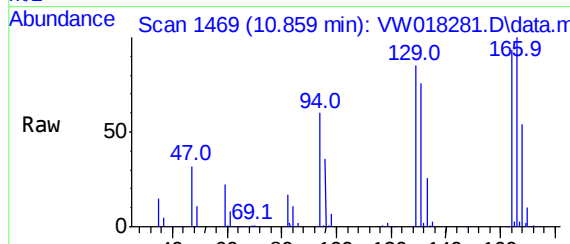


#47
Tetrachloroethene
Concen: 14.51 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW018281.D
Acq: 10 Mar 2021 12:29

Instrument :
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ClientSampleId :
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Tgt Ion:164 Resp: 45731

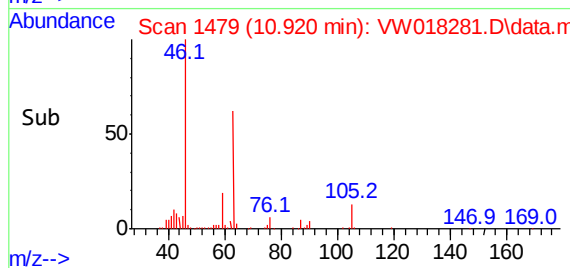
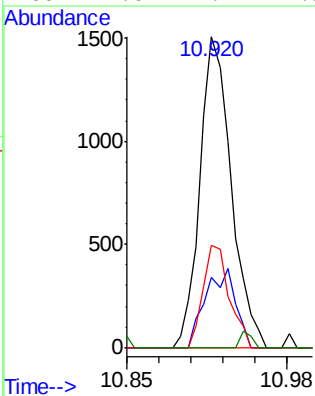
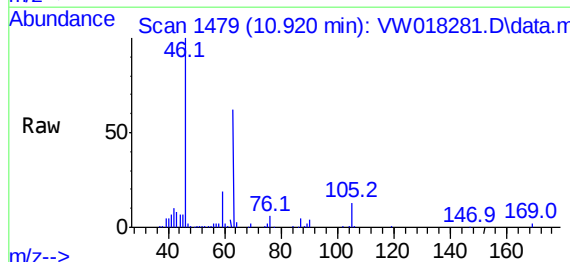
Ion	Ratio	Lower	Upper
164	100		
129	91.6	68.8	127.8
131	82.4	68.3	126.8
166	108.0	95.4	177.2

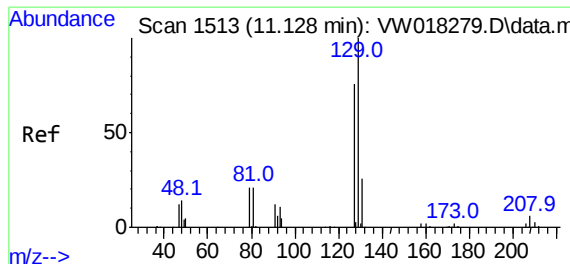


#49
2-Hexanone
Concen: 2.10 ug/L
RT: 10.920 min Scan# 1479
Delta R.T. -0.049 min
Lab File: VW018281.D
Acq: 10 Mar 2021 12:29

Tgt Ion: 43 Resp: 2512

Ion	Ratio	Lower	Upper
43	100		
58	24.6	47.3	70.9#
57	27.4	17.3	25.9#
100	2.0	12.9	19.3#





#50
 Dibromochloromethane
 Concen: 13.46 ug/L
 RT: 10.859 min Scan# 1469
 Delta R.T. -0.268 min
 Lab File: VW018281.D
 Acq: 10 Mar 2021 12:29

Instrument :
 MSVOA_W
 ClientSampleId :
 BG567

Tgt Ion:129 Resp: 45365
 Ion Ratio Lower Upper
 129 100
 127 0.0 58.0 107.6#

