

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021521\
 Data File : VW018125.D
 Acq On : 15 Feb 2021 11:04
 Operator : SY/VA
 Sample : M1371-13RE
 Misc : 6.15G/10ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBH24RE

Quant Time: Feb 16 02:21:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 16 02:20:15 2021
 Response via : Initial Calibration

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

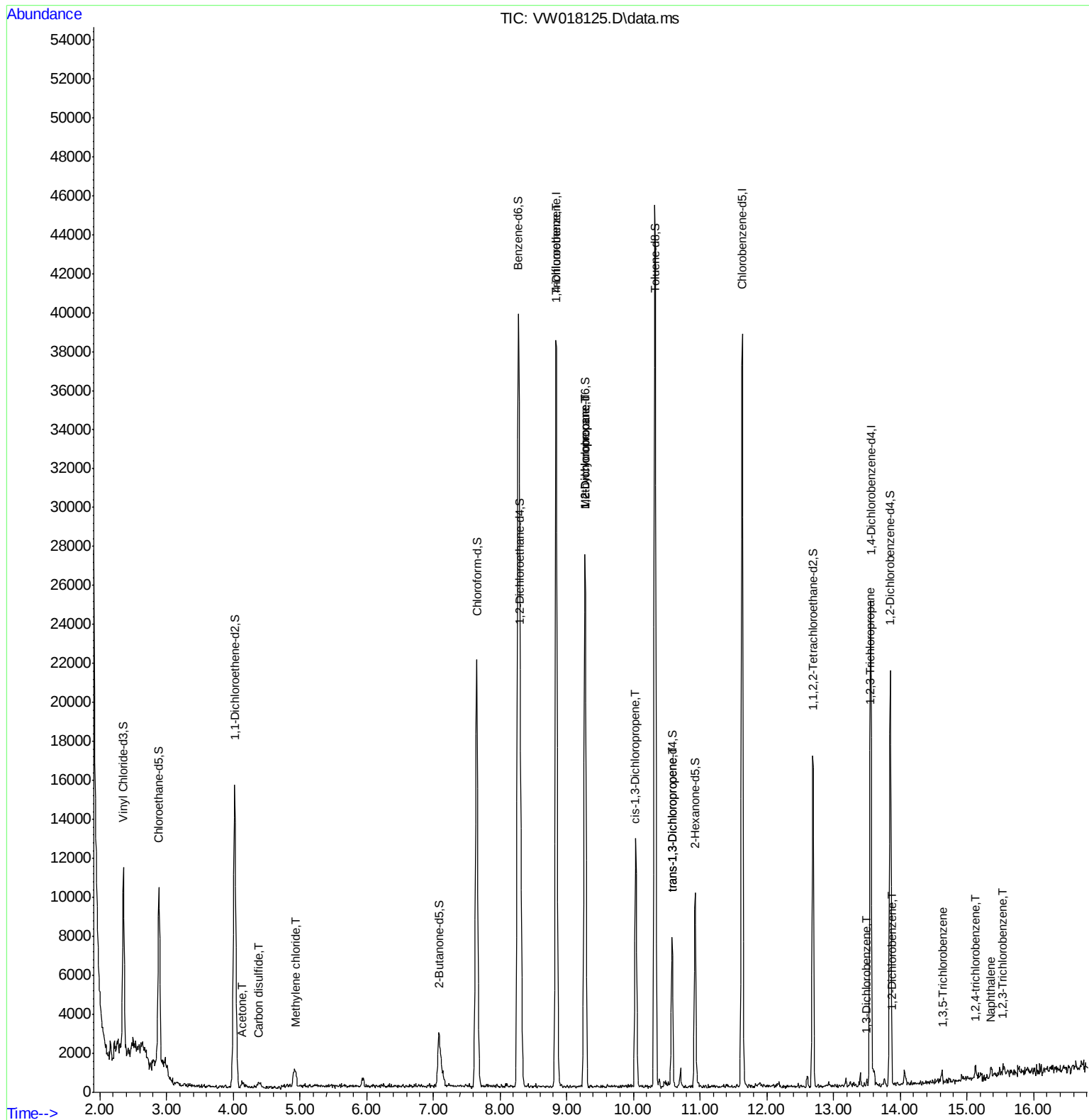
Internal Standards						
1) 1,4-Difluorobenzene	8.847	114	35864	25.00	ug/L	0.01
28) Chlorobenzene-d5	11.633	117	23761	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	7202	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	9089	20.39	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	81.56%		
7) Chloroethane-d5	2.885	69	9682	27.37	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	109.48%		
10) 1,1-Dichloroethene-d2	4.019	63	15002	16.84	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	67.36%		
20) 2-Butanone-d5	7.085	46	5068	42.61	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery =	85.22%		
24) Chloroform-d	7.652	84	23701	25.18	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	100.72%		
26) 1,2-Dichloroethane-d4	8.305	65	13263	26.46	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	105.84%		
29) Benzene-d6	8.274	84	43702	33.50	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	134.00%		
33) 1,2-Dichloropropane-d6	9.274	67	12868	35.27	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	141.08%#		
37) Toluene-d8	10.323	98	31664	25.51	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	102.04%		
38) trans-1,3-Dichloroprop...	10.579	79	4472	27.04	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	108.16%		
39) 2-Hexanone-d5	10.926	63	3734	53.52	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	107.04%		
48) 1,1,2,2-Tetrachloroeth...	12.688	84	8268	25.79	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	103.16%		
61) 1,2-Dichlorobenzene-d4	13.853	152	5692	22.15	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	88.60%		
Target Compounds						
					Qvalue	
13) Acetone	4.135	43	413	4.69	ug/L #	40
14) Carbon disulfide	4.379	76	374	0.27	ug/L #	76
16) Methylene chloride	4.933	84	378	0.66	ug/L	83
35) Trichloroethene	8.841	95	1026	2.62	ug/L #	3
36) Methylcyclohexane	9.274	83	3486	5.30	ug/L #	18
40) 1,2-Dichloropropane	9.274	63	1458	4.58	ug/L #	84
42) cis-1,3-Dichloropropene	10.030	75	336	0.65	ug/L #	79
45) trans-1,3-Dichloropropene	10.579	75	182	0.41	ug/L #	8
59) 1,2,3-Trichloropropane	13.548	75	832	3.41	ug/L	93
63) 1,3-Dichlorobenzene	13.499	146	153	0.33	ug/L #	43
65) 1,2-Dichlorobenzene	13.877	146	119	0.29	ug/L #	66
67) 1,3,5-Trichlorobenzene	14.633	180	284	0.81	ug/L #	86
68) 1,2,4-trichlorobenzene	15.127	180	214	0.73	ug/L #	75
69) Naphthalene	15.364	128	556	0.97	ug/L #	69
70) 1,2,3-Trichlorobenzene	15.541	180	106	0.40	ug/L #	13

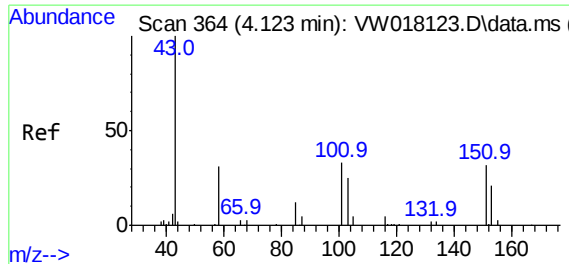
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Feb 16 02:20:15 2021
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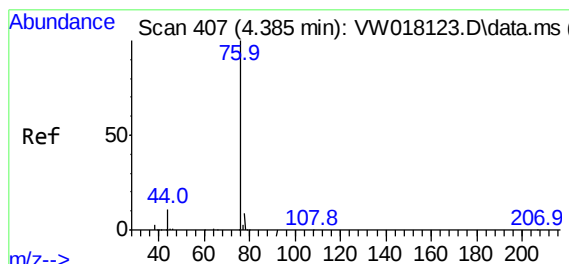
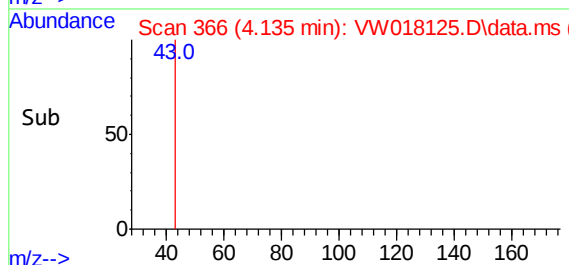
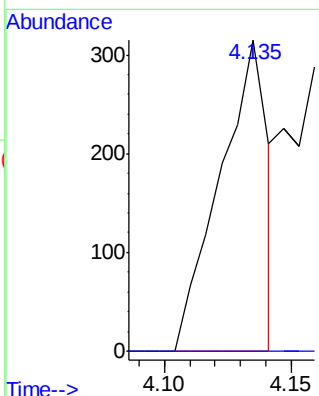
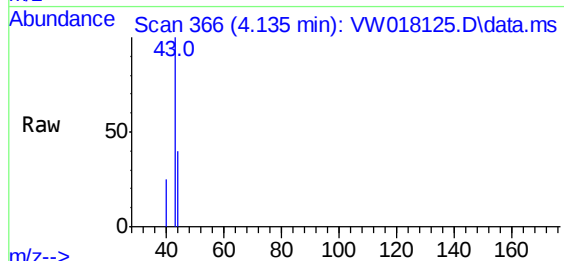




#13
Acetone
Concen: 4.69 ug/L
RT: 4.135 min Scan# 366
Delta R.T. 0.012 min
Lab File: VW018125.D
Acq: 15 Feb 2021 11:04

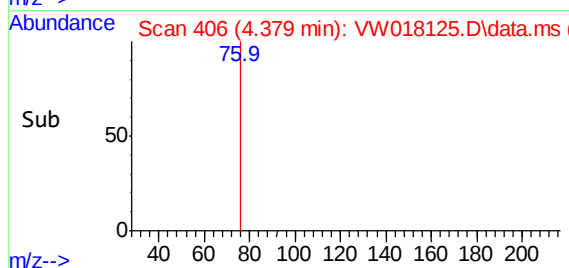
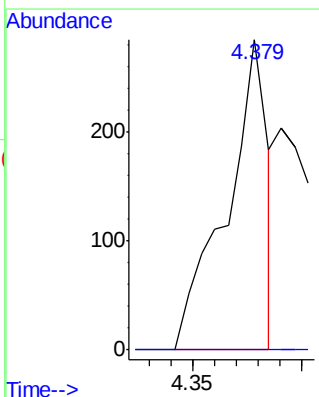
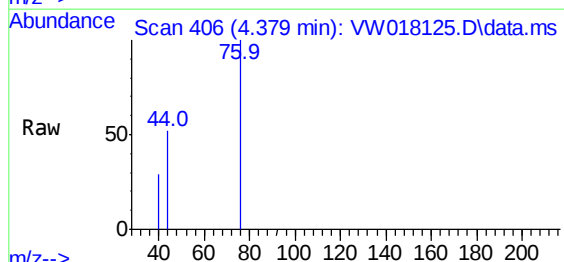
Instrument :
MSVOA_W
ClientSampleId :
DBH24RE

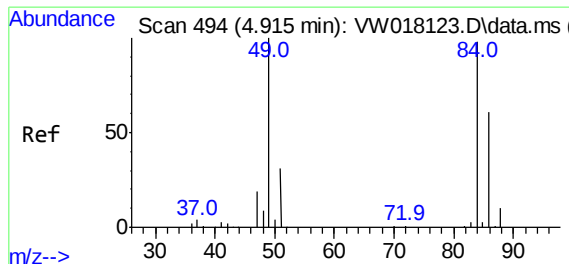
Tgt Ion: 43 Resp: 413
Ion Ratio Lower Upper
43 100
58 0.0 0.0 68.4



#14
Carbon disulfide
Concen: 0.27 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.006 min
Lab File: VW018125.D
Acq: 15 Feb 2021 11:04

Tgt Ion: 76 Resp: 374
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.4#



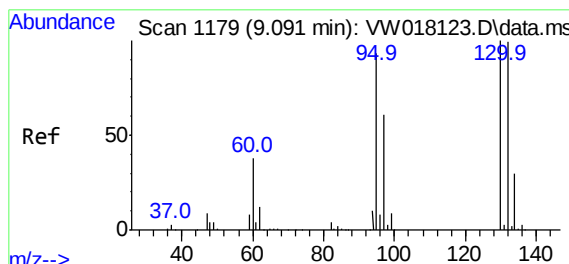
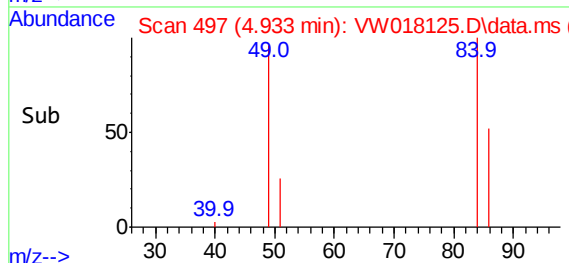
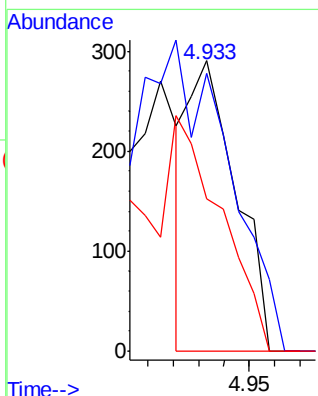
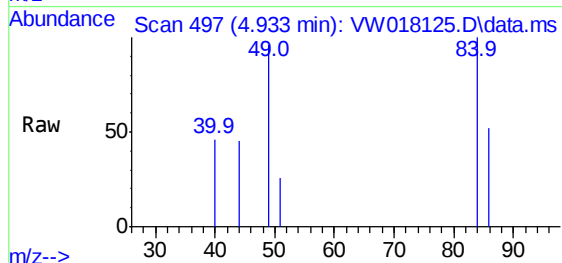


#16
Methylene chloride
Concen: 0.66 ug/L
RT: 4.933 min Scan# 497
Delta R.T. 0.018 min
Lab File: VW018125.D
Acq: 15 Feb 2021 11:04

Instrument :
MSVOA_W
ClientSampleId :
DBH24RE

Tgt Ion: 84 Resp: 378

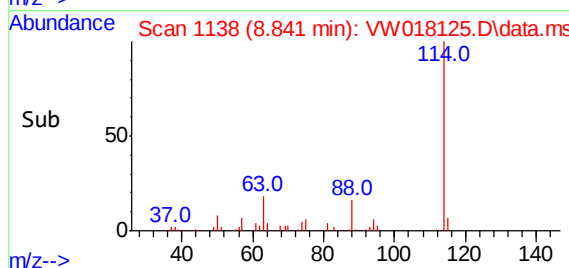
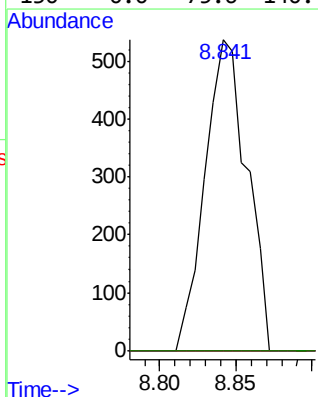
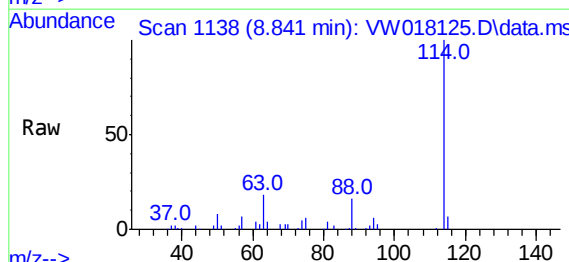
Ion	Ratio	Lower	Upper
84	100		
49	95.5	81.2	150.8
86	52.2	44.5	82.7

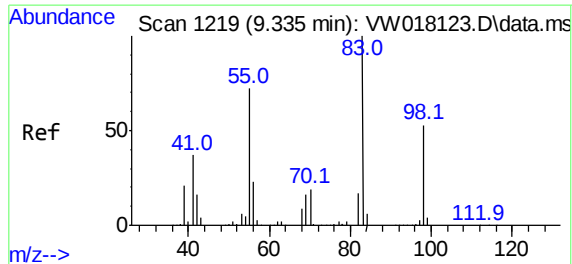


#35
Trichloroethene
Concen: 2.62 ug/L
RT: 8.841 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW018125.D
Acq: 15 Feb 2021 11:04

Tgt Ion: 95 Resp: 1026

Ion	Ratio	Lower	Upper
95	100		
97	0.0	45.0	83.6#
132	0.0	71.0	131.8#
130	0.0	75.6	140.4#

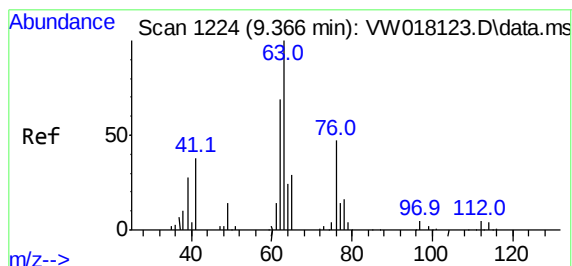
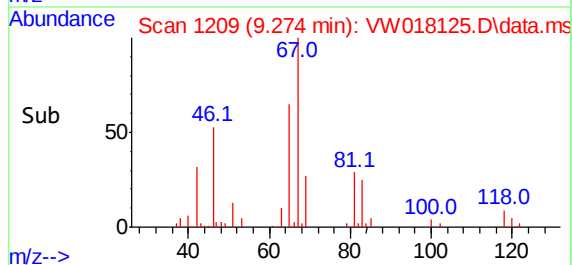
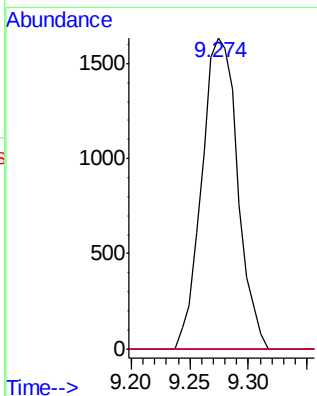
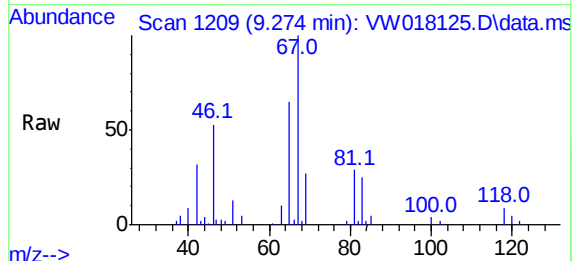




#36
Methylcyclohexane
Concen: 5.30 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW018125.D
Acq: 15 Feb 2021 11:04

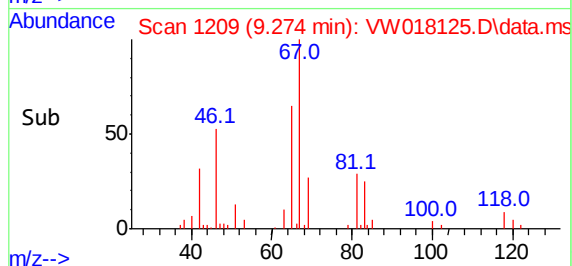
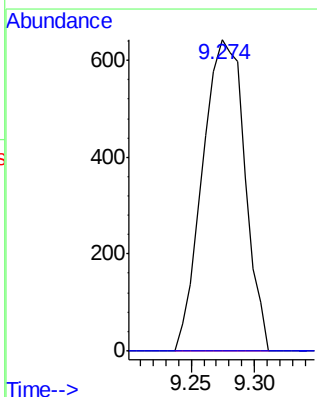
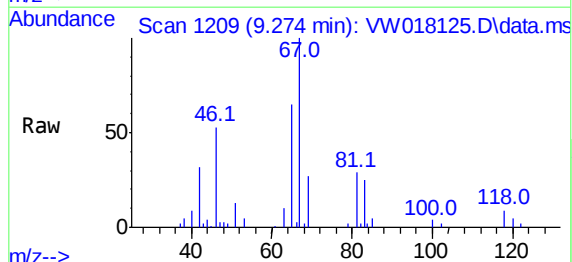
Instrument :
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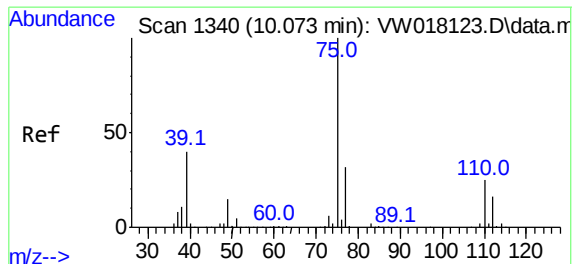
Tgt Ion: 83 Resp: 3486
Ion Ratio Lower Upper
83 100
55 0.0 59.4 89.0#
98 0.0 40.7 61.1#



#40
1,2-Dichloropropane
Concen: 4.58 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.092 min
Lab File: VW018125.D
Acq: 15 Feb 2021 11:04

Tgt Ion: 63 Resp: 1458
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#

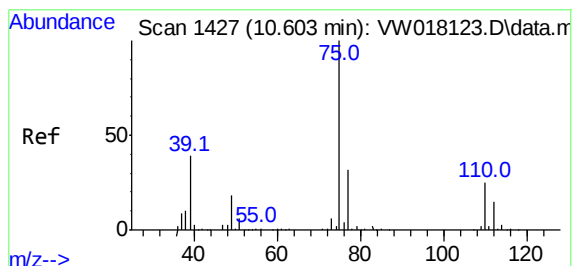
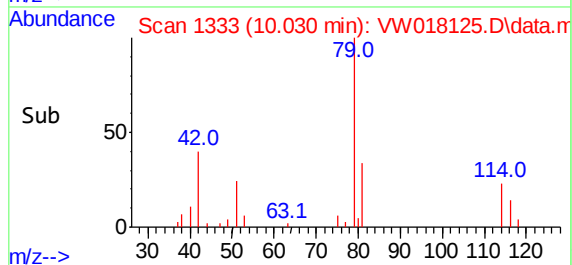
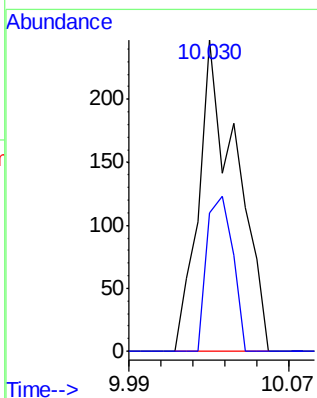
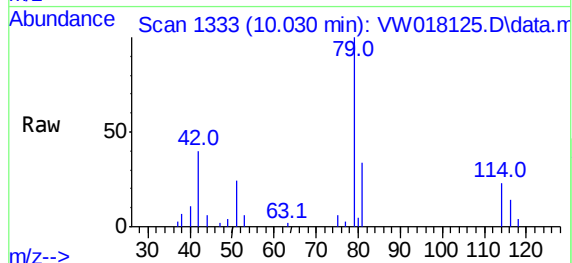




#42
cis-1,3-Dichloropropene
Concen: 0.65 ug/L
RT: 10.030 min Scan# 1333
Delta R.T. -0.043 min
Lab File: VW018125.D
Acq: 15 Feb 2021 11:04

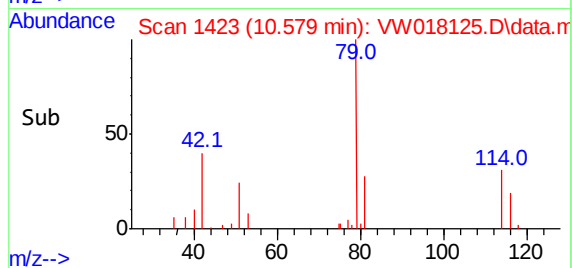
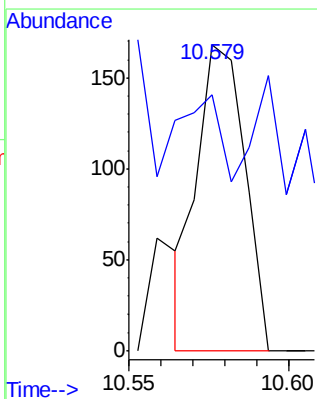
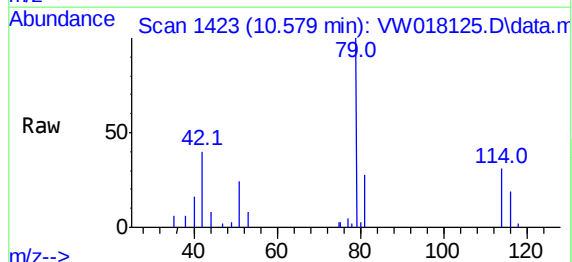
Instrument :
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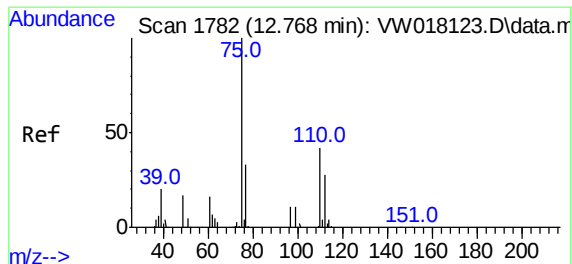
Tgt Ion: 75 Resp: 336
Ion Ratio Lower Upper
75 100
77 44.5 22.7 42.3#



#45
trans-1,3-Dichloropropene
Concen: 0.41 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.025 min
Lab File: VW018125.D
Acq: 15 Feb 2021 11:04

Tgt Ion: 75 Resp: 182
Ion Ratio Lower Upper
75 100
77 83.9 22.6 42.0#

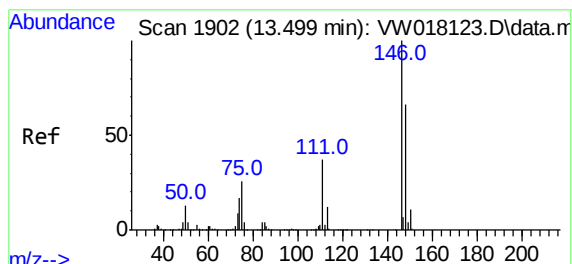
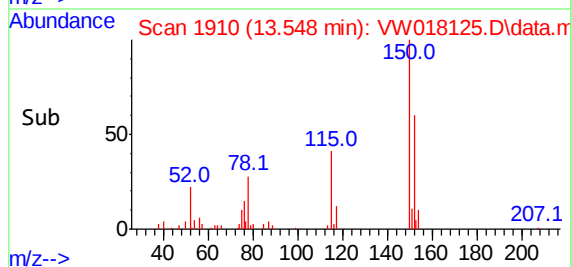
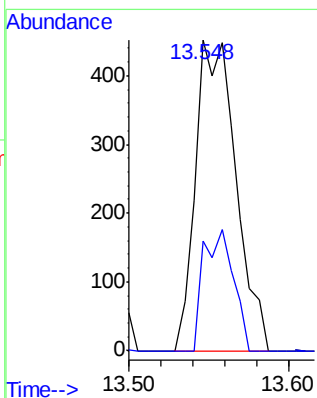
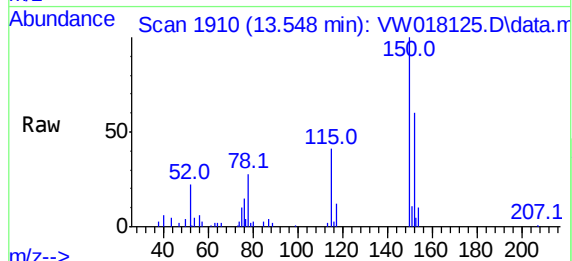




#59
 1,2,3-Trichloropropane
 Concen: 3.41 ug/L
 RT: 13.548 min Scan# 1910
 Delta R.T. 0.780 min
 Lab File: VW018125.D
 Acq: 15 Feb 2021 11:04

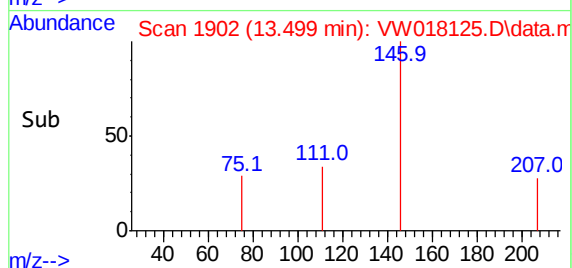
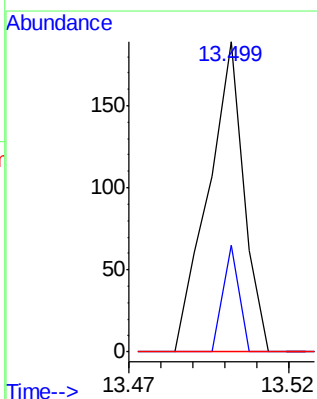
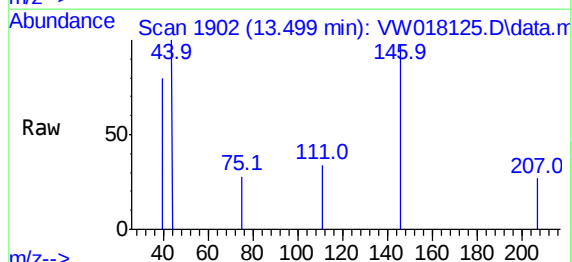
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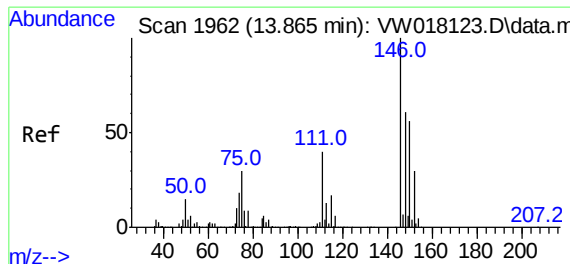
Tgt Ion: 75 Resp: 832
 Ion Ratio Lower Upper
 75 100
 77 29.0 26.6 39.8



#63
 1,3-Dichlorobenzene
 Concen: 0.33 ug/L
 RT: 13.499 min Scan# 1902
 Delta R.T. -0.000 min
 Lab File: VW018125.D
 Acq: 15 Feb 2021 11:04

Tgt Ion: 146 Resp: 153
 Ion Ratio Lower Upper
 146 100
 111 34.4 28.5 52.9
 148 0.0 47.8 88.8#

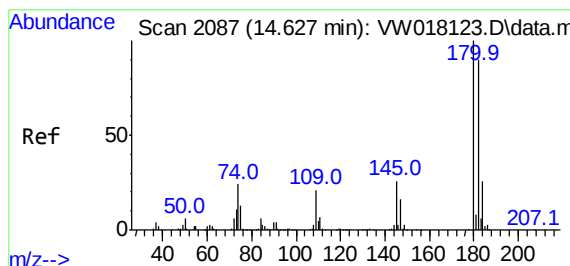
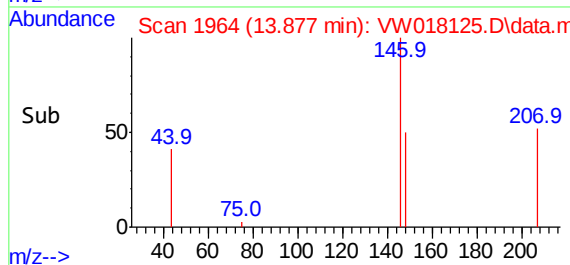
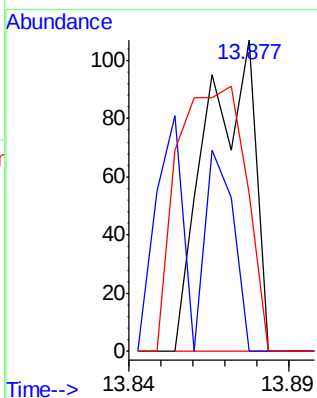
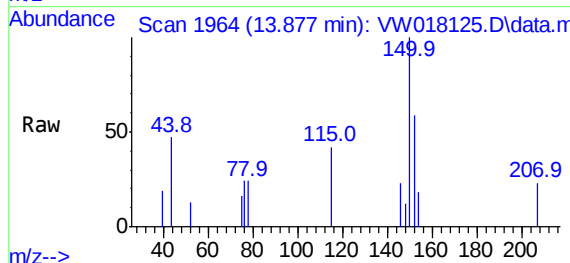




#65
1,2-Dichlorobenzene
Concen: 0.29 ug/L
RT: 13.877 min Scan# 1964
Delta R.T. 0.012 min
Lab File: VW018125.D
Acq: 15 Feb 2021 11:04

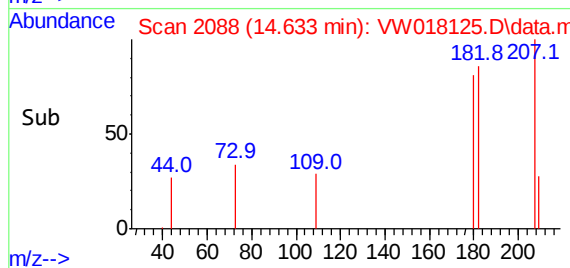
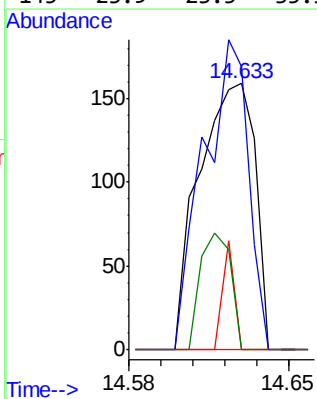
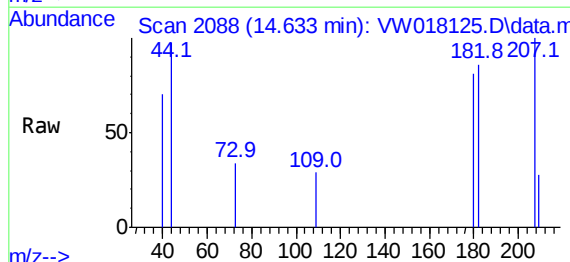
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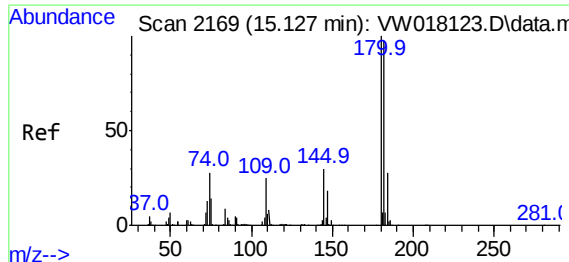
Tgt Ion:146 Resp: 119
Ion Ratio Lower Upper
146 100
111 0.0 31.7 47.5#
148 50.5 49.3 73.9



#67
1,3,5-Trichlorobenzene
Concen: 0.81 ug/L
RT: 14.633 min Scan# 2088
Delta R.T. 0.006 min
Lab File: VW018125.D
Acq: 15 Feb 2021 11:04

Tgt Ion:180 Resp: 284
Ion Ratio Lower Upper
180 100
182 94.0 77.0 115.6
184 0.0 24.2 36.4#
145 23.9 23.5 35.3

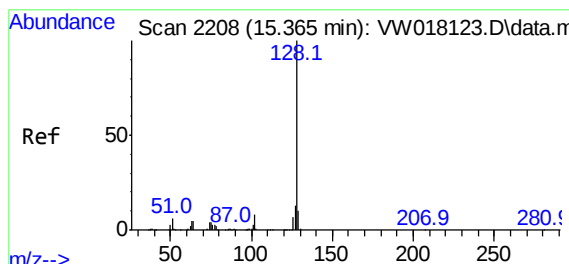
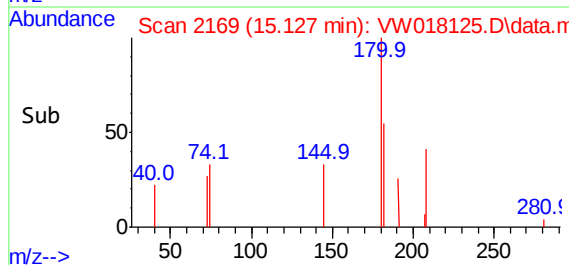
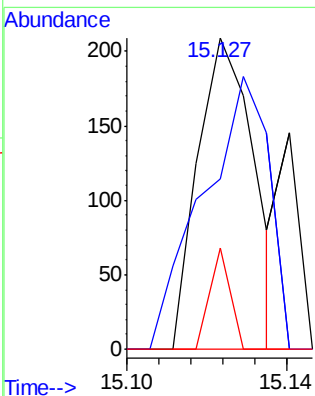
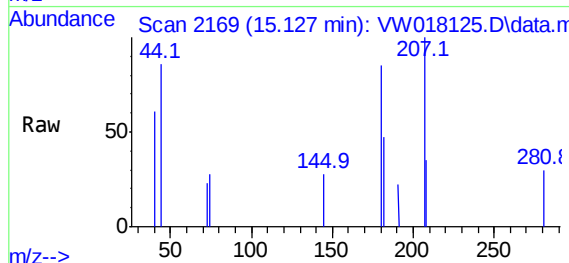




#68
1,2,4-trichlorobenzene
Concen: 0.73 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW018125.D
Acq: 15 Feb 2021 11:04

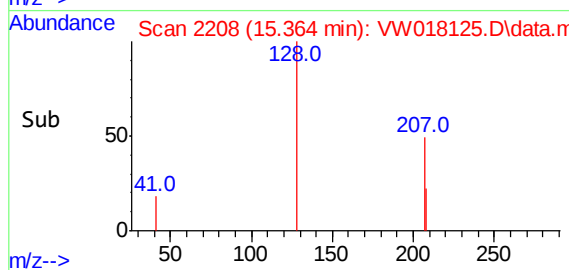
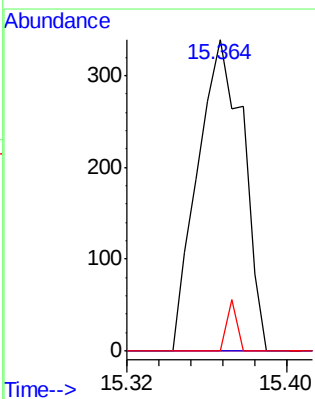
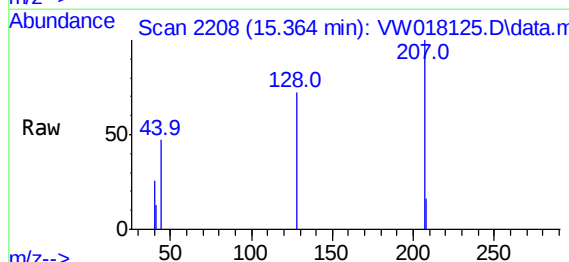
Instrument :
MSVOA_W
ClientSampleId :
DBH24RE

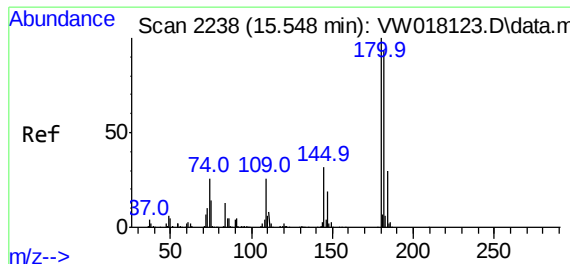
Tgt Ion:	180	Resp:	214
Ion Ratio	Lower	Upper	
180	100		
182	102.3	71.3	106.9
145	0.0	24.0	36.0#



#69
Naphthalene
Concen: 0.97 ug/L
RT: 15.364 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW018125.D
Acq: 15 Feb 2021 11:04

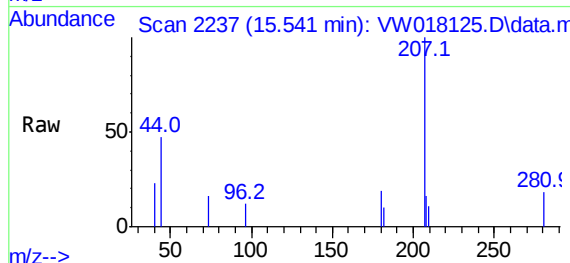
Tgt Ion:	128	Resp:	556
Ion Ratio	Lower	Upper	
128	100		
129	0.0	8.7	13.1#
127	0.0	10.7	16.1#





#70
 1,2,3-Trichlorobenzene
 Concen: 0.40 ug/L
 RT: 15.541 min Scan# 2237
 Delta R.T. -0.006 min
 Lab File: VW018125.D
 Acq: 15 Feb 2021 11:04

Instrument :
 MSVOA_W
 ClientSampleId :
 DBH24RE



Tgt Ion:180 Resp: 106

Ion	Ratio	Lower	Upper
180	100		
182	0.0	74.7	112.1#
145	0.0	25.4	38.0#

