

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081821\
 Data File : VW019776.D
 Acq On : 18 Aug 2021 16:04
 Operator : SY/VA
 Sample : M3458-06
 Misc : 6.66g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 19 05:17:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Aug 19 05:14:25 2021
 Response via : Initial Calibration

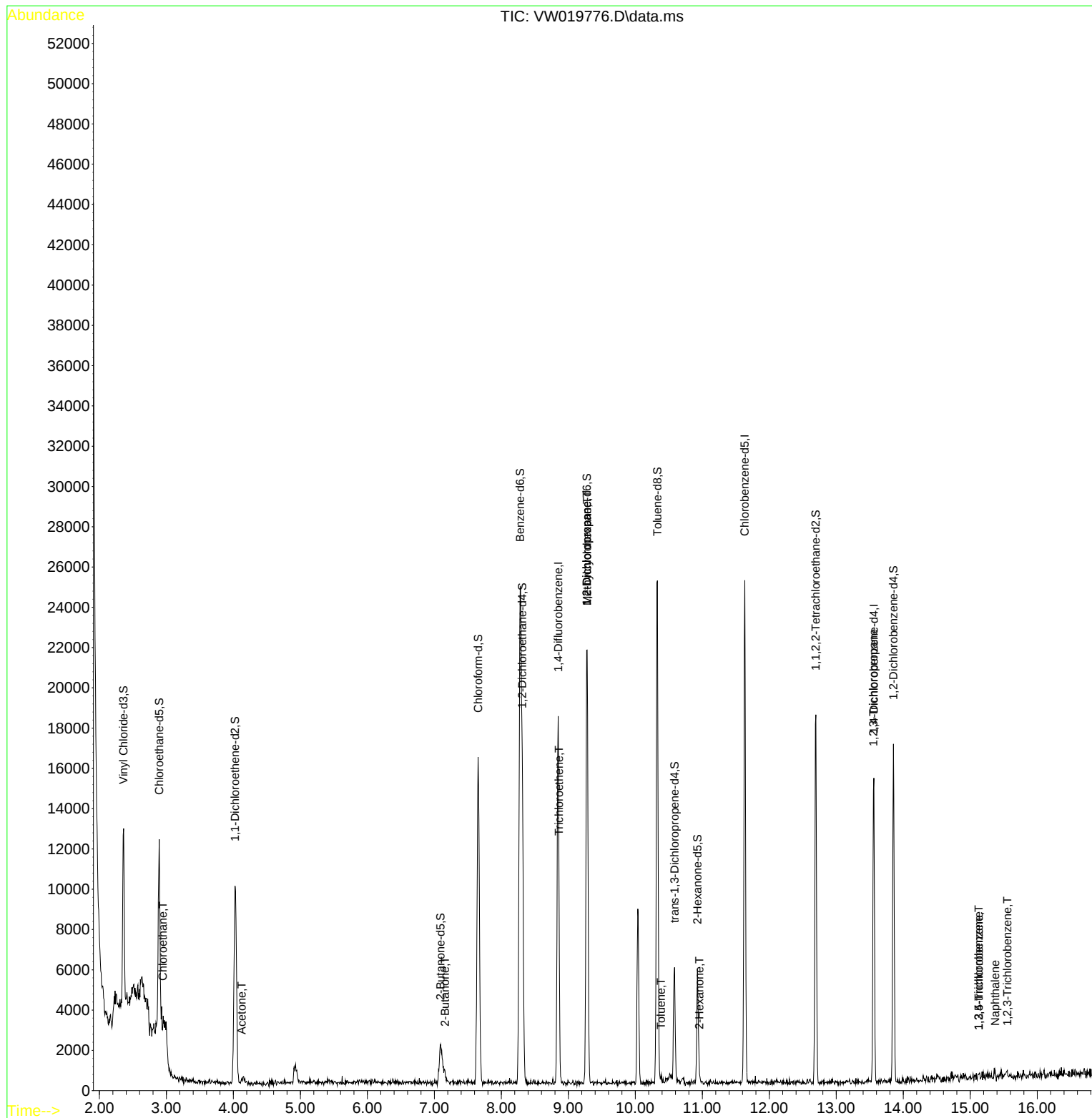
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	14307	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	13314	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	3979	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	8746	39.455	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 157.800%#	
7) Chloroethane-d5	2.892	69	8720	44.817	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 179.280%#	
11) 1,1-Dichloroethene-d2	4.025	63	9489	24.669	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 98.680%	
21) 2-Butanone-d5	7.092	46	3582	79.553	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	= 159.100%#	
24) Chloroform-d	7.653	84	15783	40.113	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 160.440%#	
26) 1,2-Dichloroethane-d4	8.311	65	10787	50.873	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 203.480%#	
32) Benzene-d6	8.281	84	25507	33.600	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 134.400%	
36) 1,2-Dichloropropane-d6	9.275	67	10096	43.917	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 175.680%#	
41) Toluene-d8	10.329	98	16833	24.197	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 96.800%	
43) trans-1,3-Dichloroprop...	10.585	79	3249	34.211	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 136.840%#	
47) 2-Hexanone-d5	10.927	63	1613	50.366	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 100.740%	
56) 1,1,2,2-Tetrachloroeth...	12.695	84	9037	48.299	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 193.200%#	
66) 1,2-Dichlorobenzene-d4	13.853	152	4055	29.709	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 118.840%	
Target Compounds						
					Qvalue	
8) Chloroethane	2.946	64	86	0.507	ug/L #	41
13) Acetone	4.123	43	159	4.137	ug/L	74
22) 2-Butanone	7.159	43	154	3.092	ug/L #	45
34) Trichloroethene	8.860	95	221	1.040	ug/L #	5
35) Methylcyclohexane	9.281	83	2615	7.177	ug/L #	19
37) 1,2-Dichloropropane	9.275	63	1124	5.554	ug/L #	85
42) Toluene	10.384	91	287	0.332	ug/L	77
48) 2-Hexanone	10.957	43	143	1.909	ug/L #	39
61) 1,2,3-Trichloropropane	13.554	75	559	7.165	ug/L #	57
69) 1,3,5-Trichlorobenzene	15.127	180	76	0.459	ug/L #	20
70) 1,2,4-trichlorobenzene	15.127	180	76	0.597	ug/L #	13
71) Naphthalene	15.371	128	206	0.812	ug/L #	69
72) 1,2,3-Trichlorobenzene	15.554	180	118	1.001	ug/L #	49

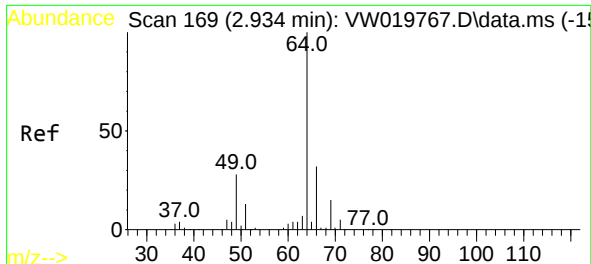
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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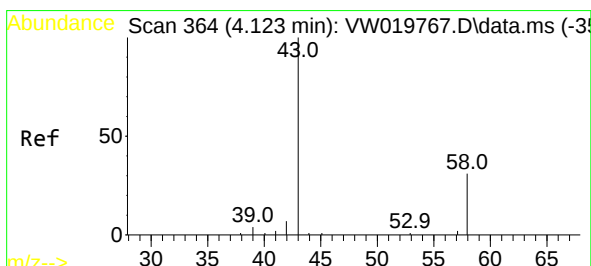
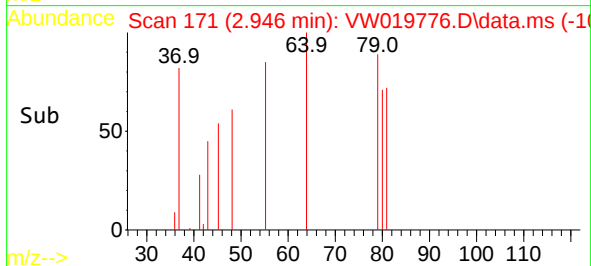
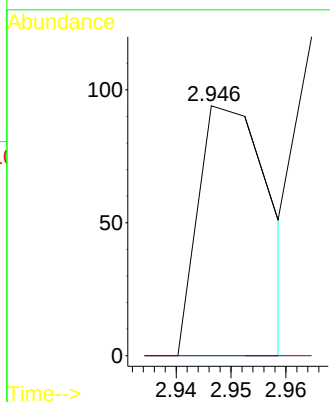
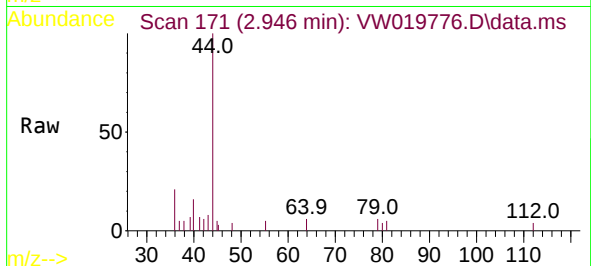




#8
Chloroethane
Concen: 0.507 ug/L
RT: 2.946 min Scan# 171
Delta R.T. 0.012 min
Lab File: VW019776.D
Acq: 18 Aug 2021 16:04

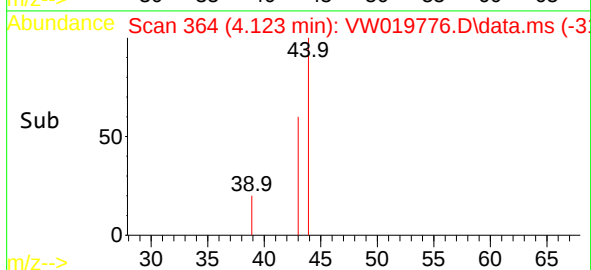
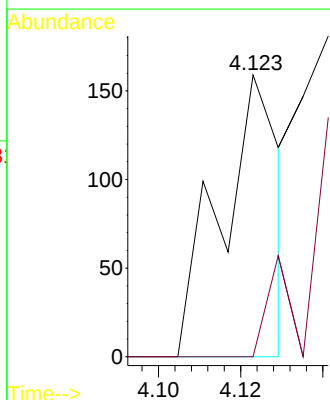
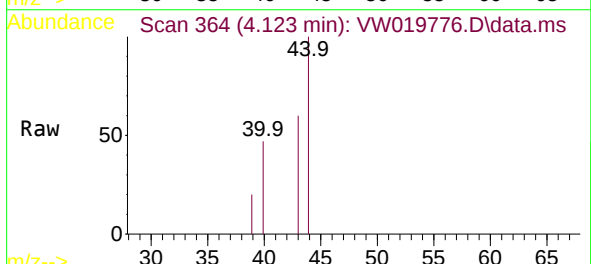
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MSVOA_W
ClientSampled :

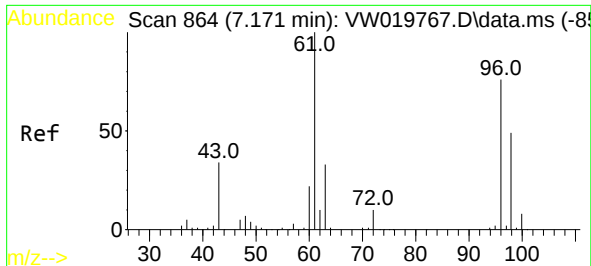
Tgt Ion: 64 Resp: 86
Ion Ratio Lower Upper
64 100
66 0.0 23.4 43.6#



#13
Acetone
Concen: 4.137 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW019776.D
Acq: 18 Aug 2021 16:04

Tgt Ion: 43 Resp: 159
Ion Ratio Lower Upper
43 100
58 13.2 0.0 53.8

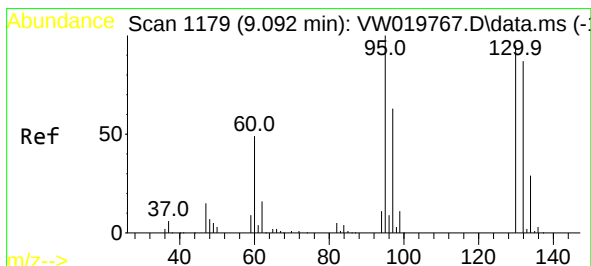
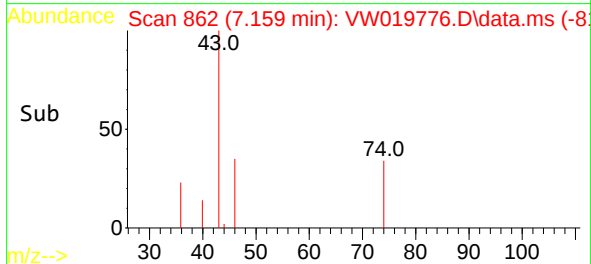
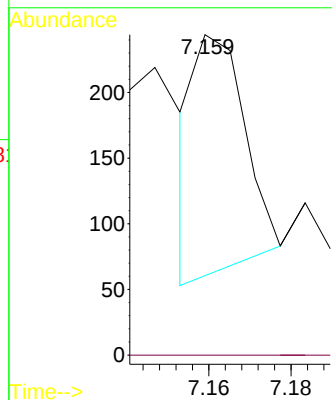
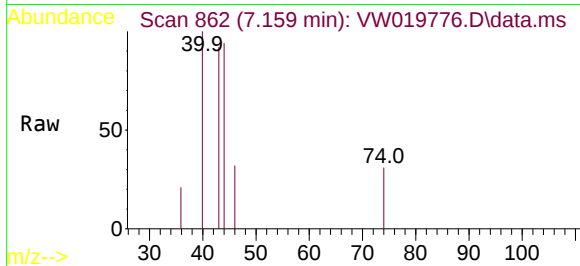




#22
2-Butanone
Concen: 3.092 ug/L
RT: 7.159 min Scan# 862
Delta R.T. -0.012 min
Lab File: VW019776.D
Acq: 18 Aug 2021 16:04

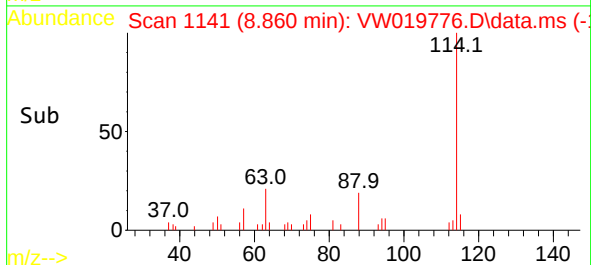
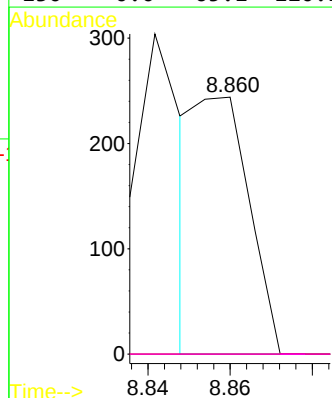
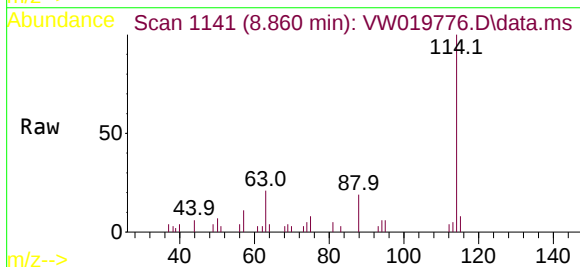
Instrument :
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ClientSampled :

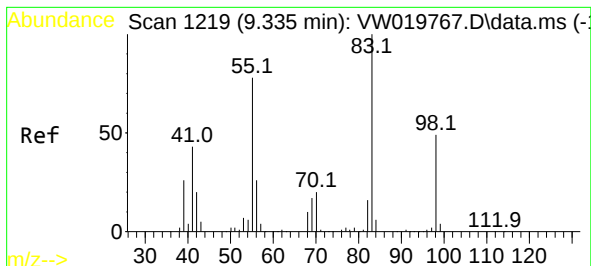
Tgt Ion: 43 Resp: 154
Ion Ratio Lower Upper
43 100
72 0.0 14.9 44.7#



#34
Trichloroethene
Concen: 1.040 ug/L
RT: 8.860 min Scan# 1141
Delta R.T. -0.232 min
Lab File: VW019776.D
Acq: 18 Aug 2021 16:04

Tgt Ion: 95 Resp: 221
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#

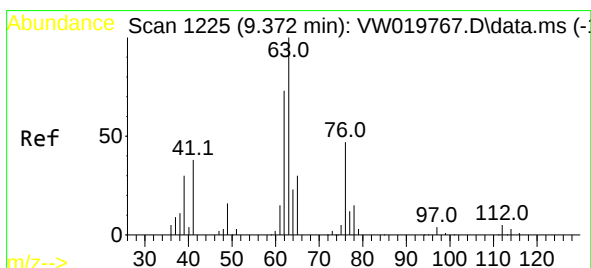
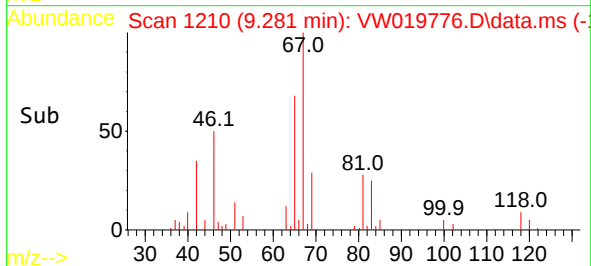
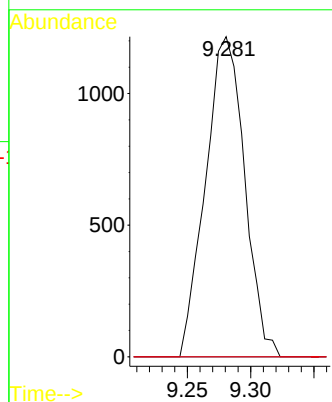
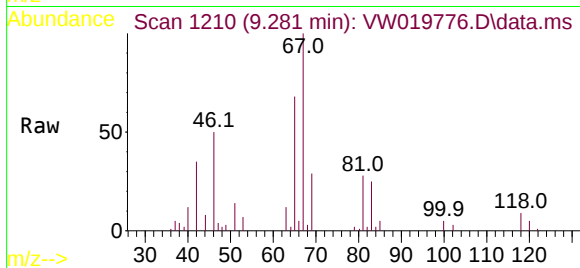




#35
Methylcyclohexane
Concen: 7.177 ug/L
RT: 9.281 min Scan# 1210
Delta R.T. -0.055 min
Lab File: VW019776.D
Acq: 18 Aug 2021 16:04

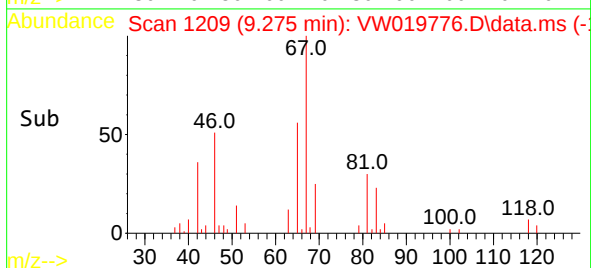
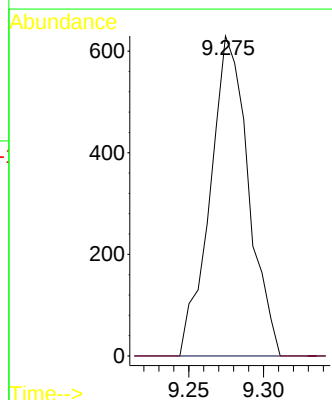
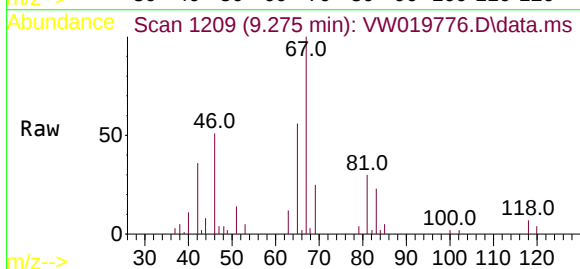
Instrument :
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ClientSampleId :

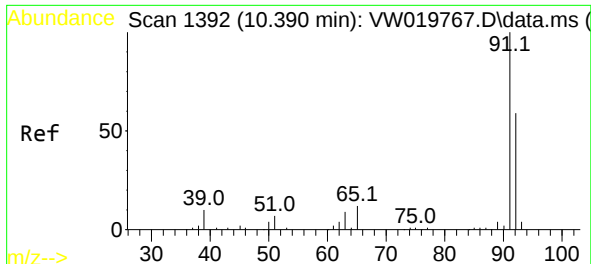
Tgt Ion: 83 Resp: 2615
Ion Ratio Lower Upper
83 100
55 0.0 58.9 88.3#
98 0.0 40.1 60.1#



#37
1,2-Dichloropropane
Concen: 5.554 ug/L
RT: 9.275 min Scan# 1209
Delta R.T. -0.097 min
Lab File: VW019776.D
Acq: 18 Aug 2021 16:04

Tgt Ion: 63 Resp: 1124
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#

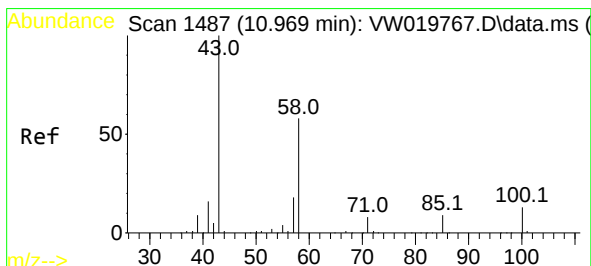
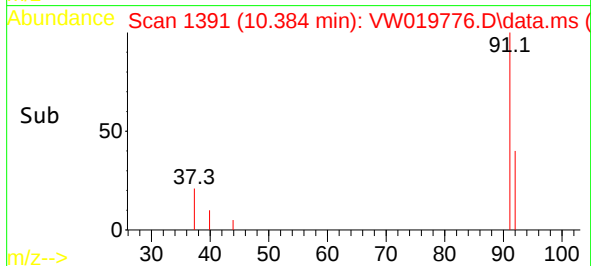
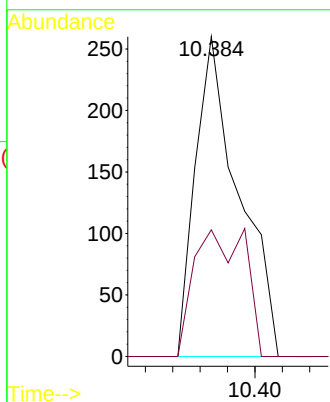
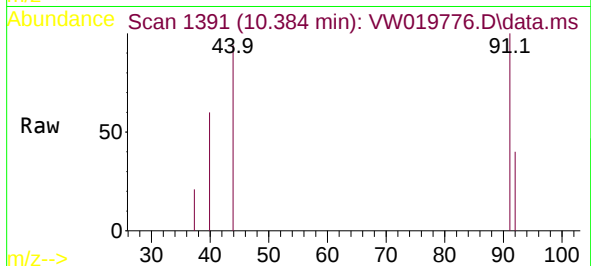




#42
Toluene
Concen: 0.332 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VW019776.D
Acq: 18 Aug 2021 16:04

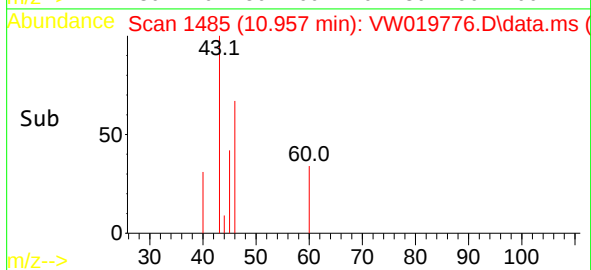
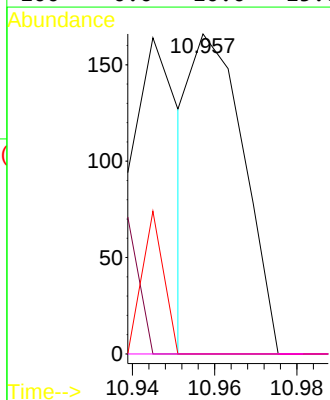
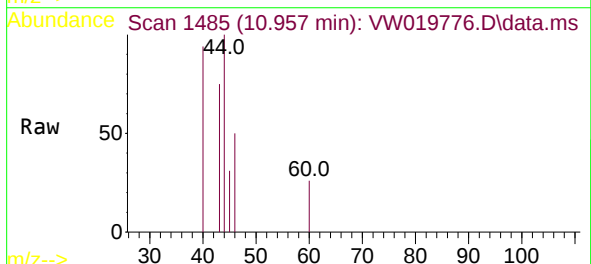
Instrument :
MSVOA_W
ClientSampled :

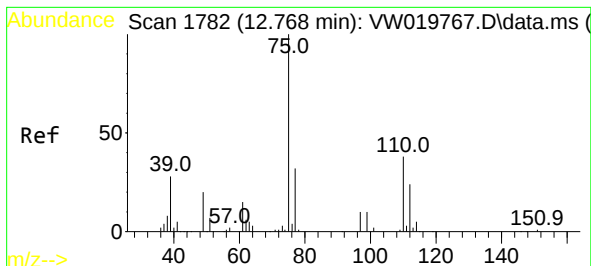
Tgt Ion: 91 Resp: 287
Ion Ratio Lower Upper
91 100
92 39.6 39.5 73.3



#48
2-Hexanone
Concen: 1.909 ug/L
RT: 10.957 min Scan# 1485
Delta R.T. -0.012 min
Lab File: VW019776.D
Acq: 18 Aug 2021 16:04

Tgt Ion: 43 Resp: 143
Ion Ratio Lower Upper
43 100
58 0.0 42.7 64.1#
57 0.0 15.8 23.8#
100 0.0 10.0 15.0#

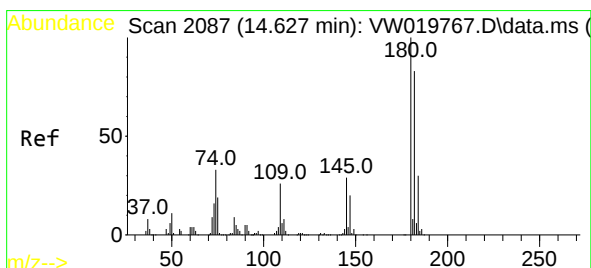
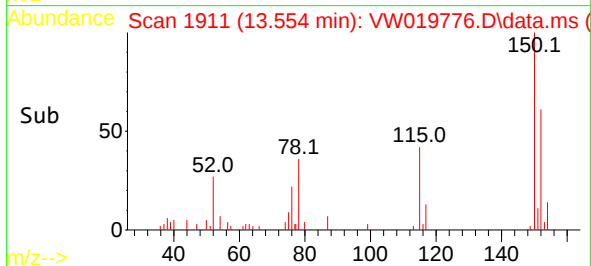
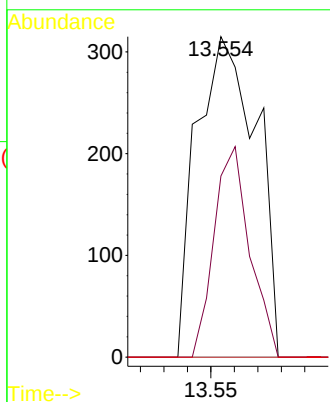
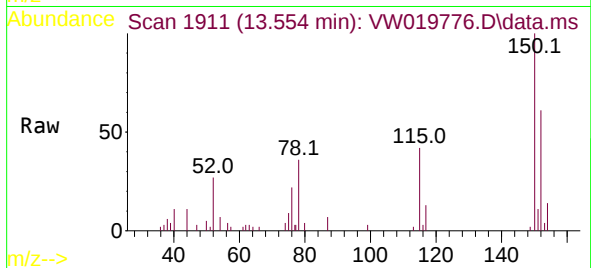




#61
1,2,3-Trichloropropane
Concen: 7.165 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.787 min
Lab File: VW019776.D
Acq: 18 Aug 2021 16:04

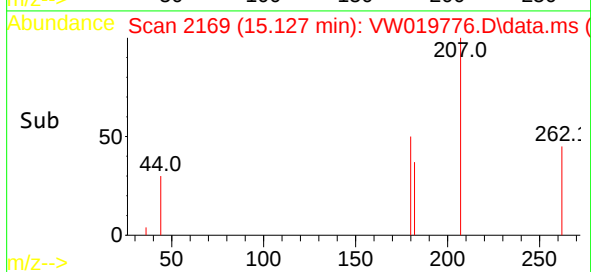
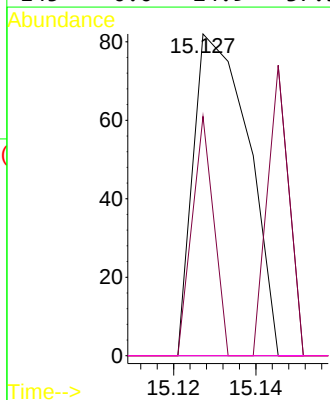
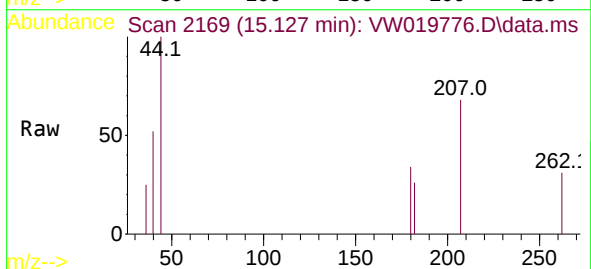
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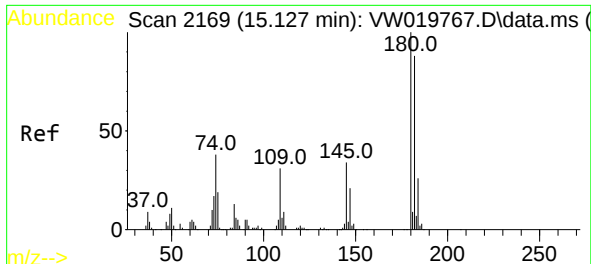
Tgt Ion: 75 Resp: 559
Ion Ratio Lower Upper
75 100
77 39.2 25.3 37.9#
110 0.0 32.6 48.8#



#69
1,3,5-Trichlorobenzene
Concen: 0.459 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.500 min
Lab File: VW019776.D
Acq: 18 Aug 2021 16:04

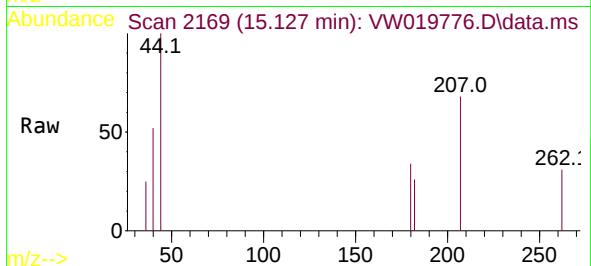
Tgt Ion: 180 Resp: 76
Ion Ratio Lower Upper
180 100
182 0.0 73.4 110.2#
184 0.0 23.6 35.4#
145 0.0 24.9 37.3#



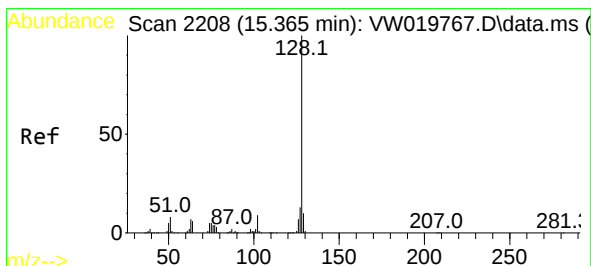
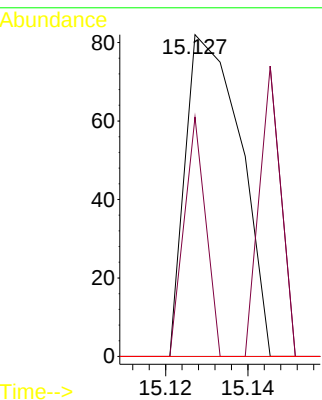
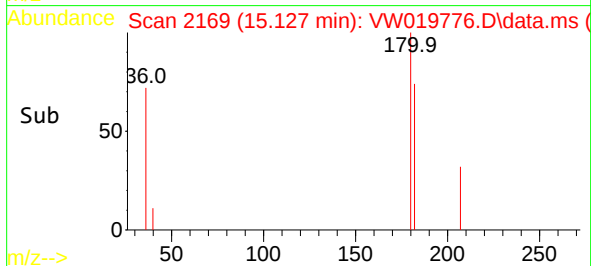


#70
1,2,4-trichlorobenzene
Concen: 0.597 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW019776.D
Acq: 18 Aug 2021 16:04

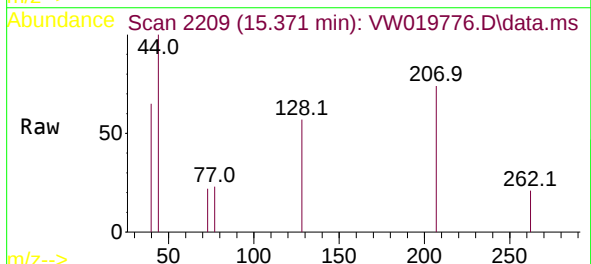
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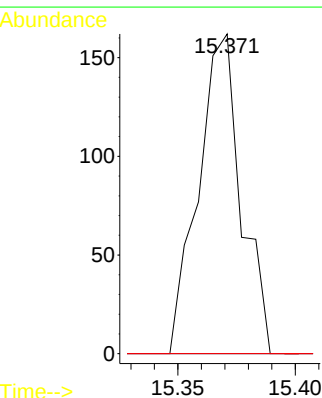
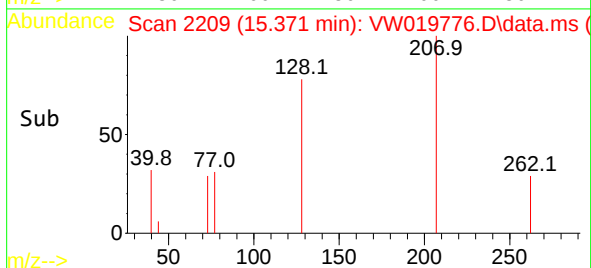
Tgt Ion:180 Resp: 76
Ion Ratio Lower Upper
180 100
182 0.0 74.7 112.1#
145 0.0 25.0 37.4#

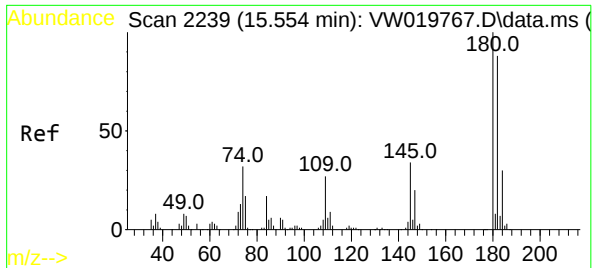


#71
Naphthalene
Concen: 0.812 ug/L
RT: 15.371 min Scan# 2209
Delta R.T. 0.006 min
Lab File: VW019776.D
Acq: 18 Aug 2021 16:04



Tgt Ion:128 Resp: 206
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 9.0 13.6#





#72
1,2,3-Trichlorobenzene
Concen: 1.001 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW019776.D
Acq: 18 Aug 2021 16:04

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:180 Resp: 118
Ion Ratio Lower Upper
180 100
182 50.0 76.7 115.1#
145 0.0 28.9 43.3#

