

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120721\
 Data File : VW021209.D
 Acq On : 07 Dec 2021 17:05
 Operator : SY/VA
 Sample : M4888-20RE
 Misc : 5.45g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 08 02:51:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 08 02:47:46 2021
 Response via : Initial Calibration

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

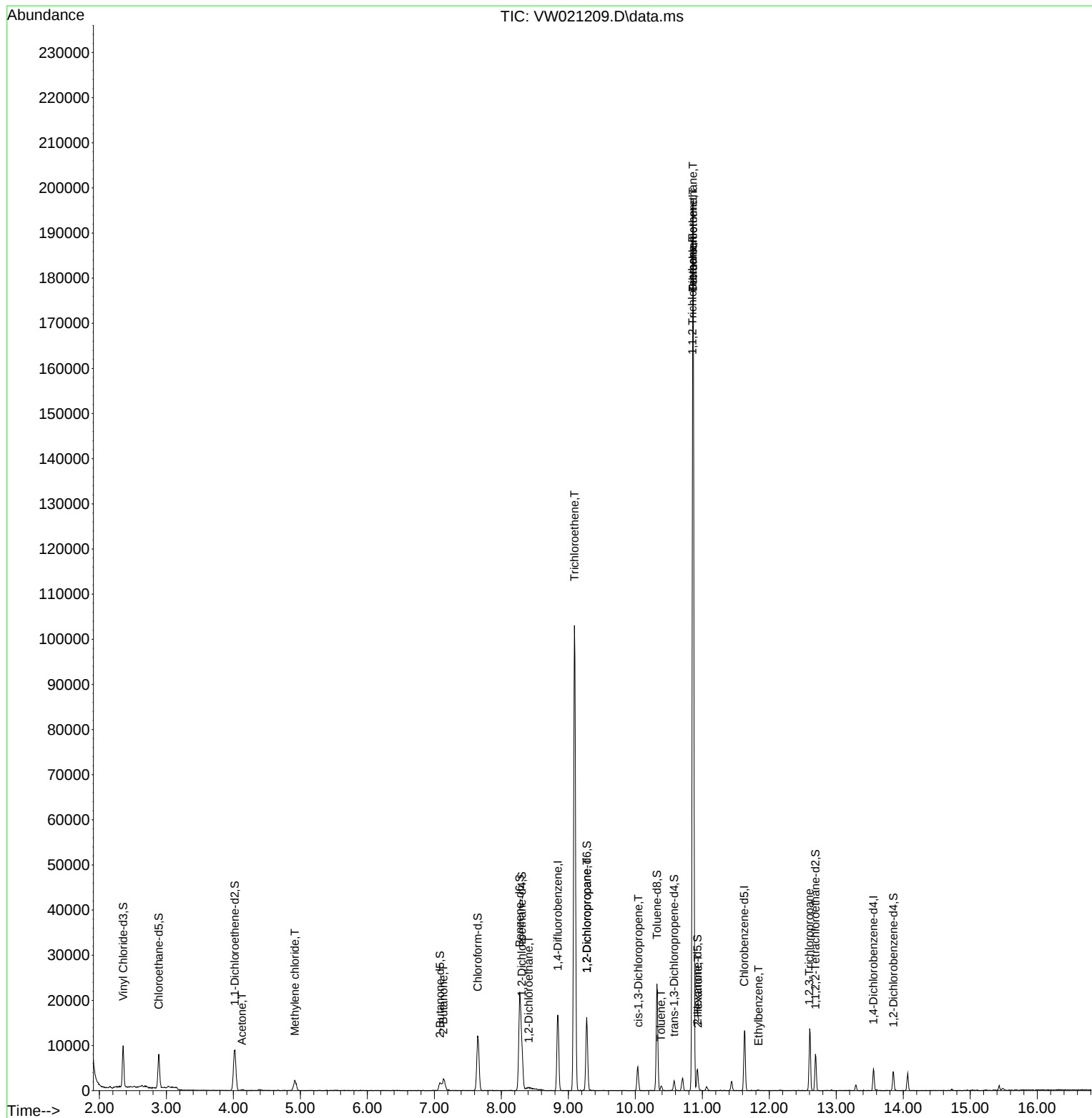
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	15000	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	7930	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	1443	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	8500	40.672	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 162.680%#	
7) Chloroethane-d5	2.885	69	7343	52.487	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 209.960%#	
11) 1,1-Dichloroethene-d2	4.019	63	8411	25.193	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 100.760%	
21) 2-Butanone-d5	7.086	46	3156	66.206	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 132.420%	
24) Chloroform-d	7.647	84	12221	32.533	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 130.120%	
26) 1,2-Dichloroethane-d4	8.305	65	6747	32.830	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 131.320%#	
32) Benzene-d6	8.275	84	21636	53.361	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 213.440%#	
36) 1,2-Dichloropropane-d6	9.274	67	6829	60.606	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 242.440%#	
41) Toluene-d8	10.323	98	15037	36.168	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 144.680%#	
43) trans-1,3-Dichloroprop...	10.579	79	1244	24.314	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 97.240%	
47) 2-Hexanone-d5	10.927	63	1686	78.206	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 156.420%#	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	3736	35.839	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 143.360%#	
66) 1,2-Dichlorobenzene-d4	13.853	152	1408	27.233	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 108.920%	
Target Compounds						
					Qvalue	
13) Acetone	4.129	43	285	6.563	ug/L #	49
16) Methylene chloride	4.915	84	1604	6.787	ug/L	78
22) 2-Butanone	7.135	43	195	3.245	ug/L #	52
27) 1,2-Dichloroethane	8.409	62	298	1.235	ug/L #	77
34) Trichloroethene	9.092	95	33938	272.792	ug/L	86
37) 1,2-Dichloropropane	9.274	63	880	8.634	ug/L #	88
39) cis-1,3-Dichloropropene	10.043	75	139	0.843	ug/L #	43
42) Toluene	10.384	91	998	1.938	ug/L	77
45) 1,1,2-Trichloroethane	10.853	97	323	3.780	ug/L #	6
46) Tetrachloroethene	10.860	164	42261	370.967	ug/L	92
48) 2-Hexanone	10.933	43	315	6.289	ug/L #	41
49) Dibromochloromethane	10.860	129	37847	354.378	ug/L #	10
52) Ethylbenzene	11.841	91	261	0.450	ug/L #	44
61) 1,2,3-Trichloropropane	12.597	75	113	4.675	ug/L #	40

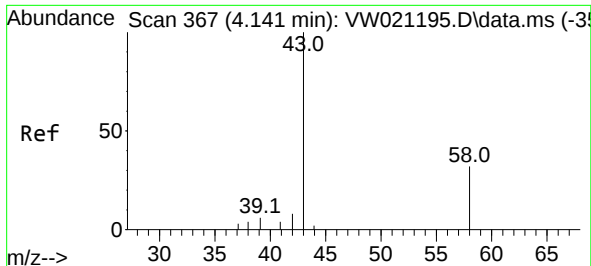
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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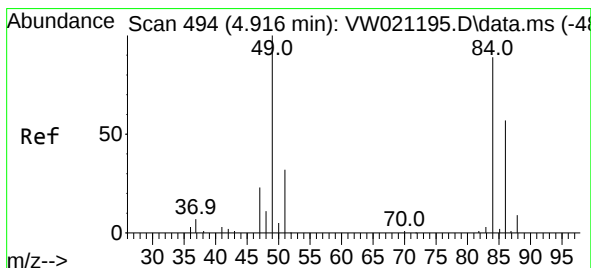
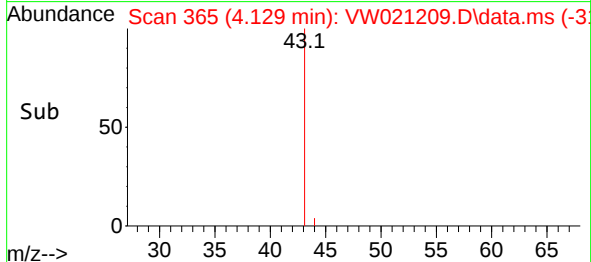
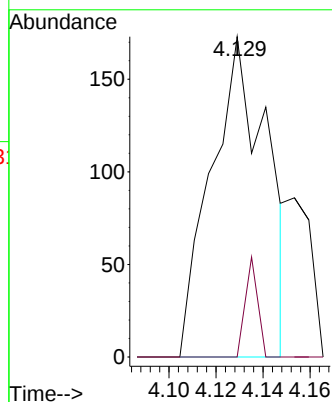
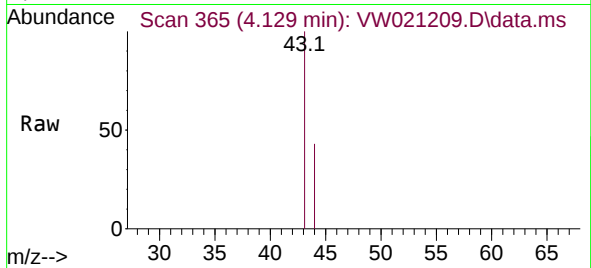




#13
Acetone
Concen: 6.563 ug/L
RT: 4.129 min Scan# 365
Delta R.T. -0.012 min
Lab File: VW021209.D
Acq: 07 Dec 2021 17:05

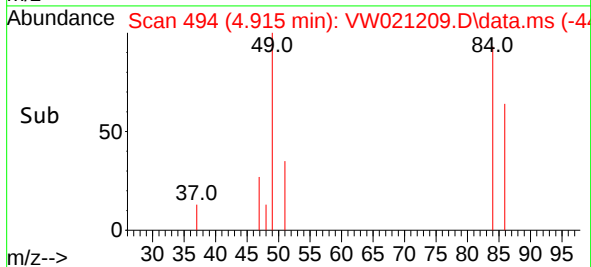
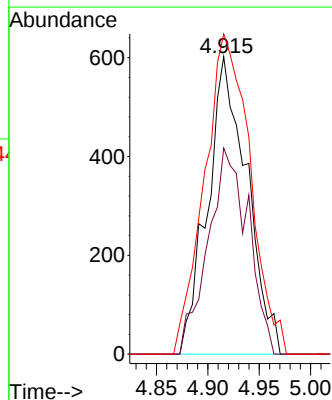
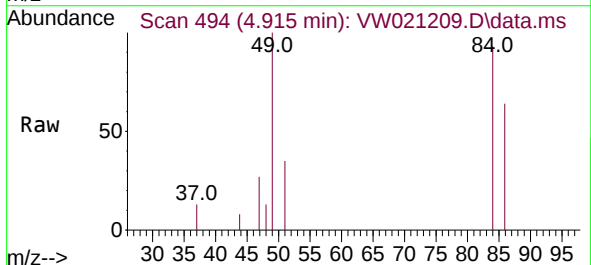
Instrument :
MSVOA_W
ClientSampleId :

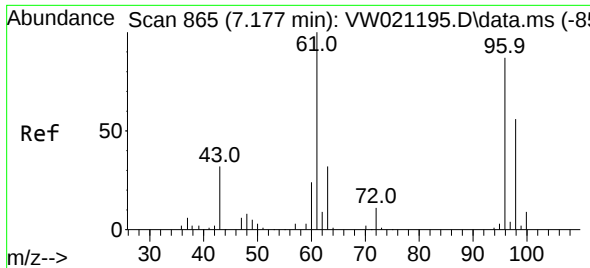
Tgt Ion: 43 Resp: 285
Ion Ratio Lower Upper
43 100
58 0.0 0.0 52.8



#16
Methylene chloride
Concen: 6.787 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW021209.D
Acq: 07 Dec 2021 17:05

Tgt Ion: 84 Resp: 1604
Ion Ratio Lower Upper
84 100
86 69.3 45.5 84.5
49 107.6 100.5 186.7

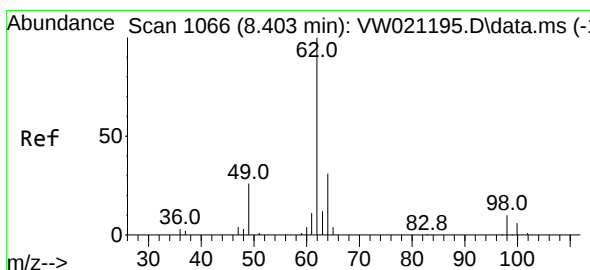
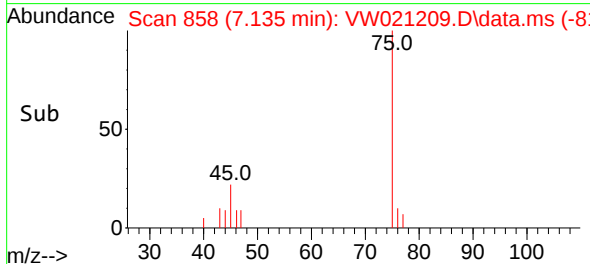
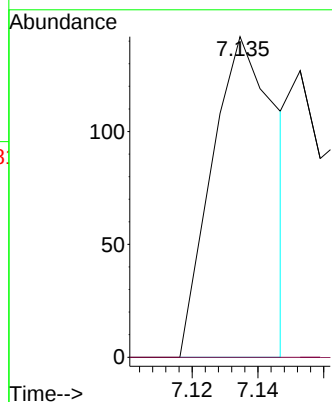
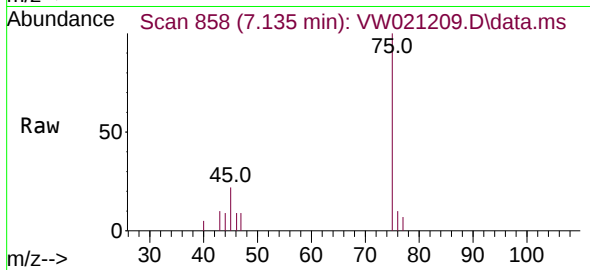




#22
2-Butanone
Concen: 3.245 ug/L
RT: 7.135 min Scan# 865
Delta R.T. -0.043 min
Lab File: VW021209.D
Acq: 07 Dec 2021 17:05

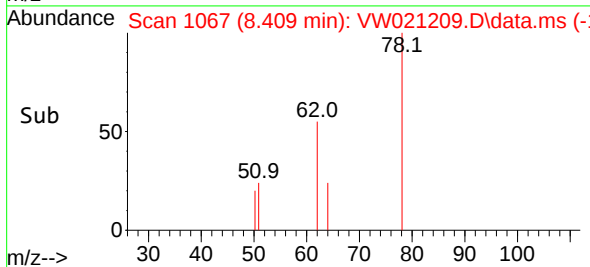
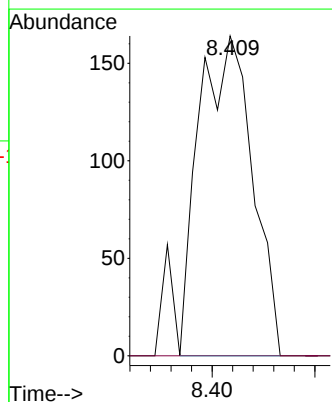
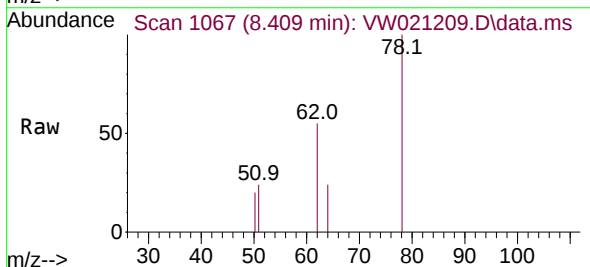
Instrument :
MSVOA_W
ClientSampleId :

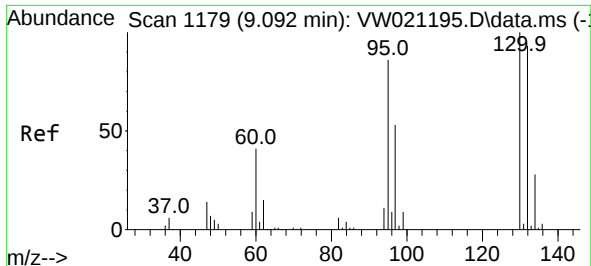
Tgt Ion: 43 Resp: 195
Ion Ratio Lower Upper
43 100
72 0.0 11.8 35.4#



#27
1,2-Dichloroethane
Concen: 1.235 ug/L
RT: 8.409 min Scan# 1067
Delta R.T. 0.006 min
Lab File: VW021209.D
Acq: 07 Dec 2021 17:05

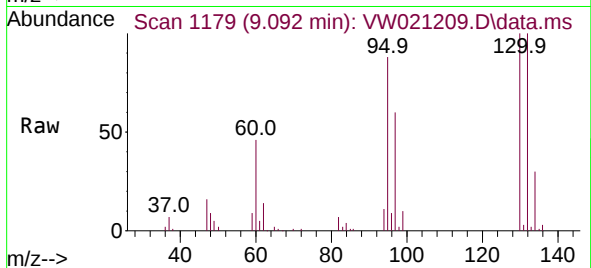
Tgt Ion: 62 Resp: 298
Ion Ratio Lower Upper
62 100
98 0.0 6.5 9.7#





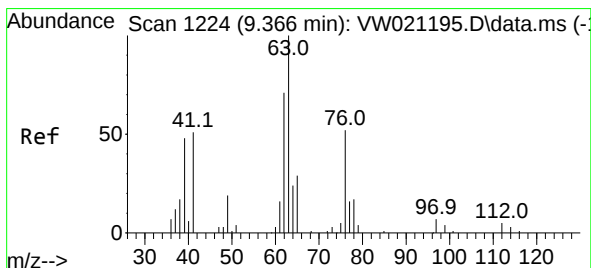
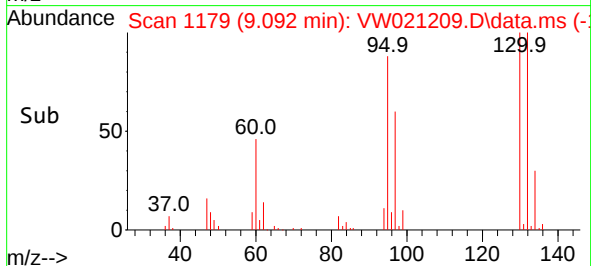
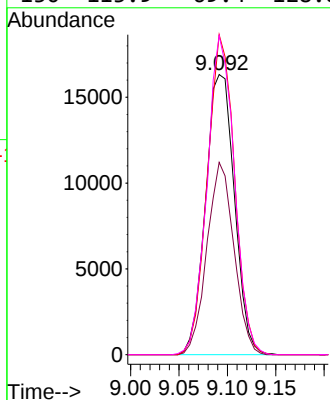
#34
 Trichloroethene
 Concen: 272.792 ug/L
 RT: 9.092 min Scan# 1179
 Delta R.T. -0.000 min
 Lab File: VW021209.D
 Acq: 07 Dec 2021 17:05

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 95 Resp: 33938

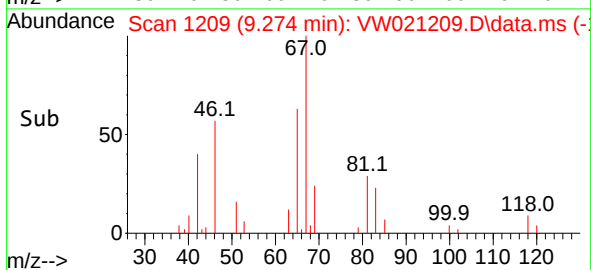
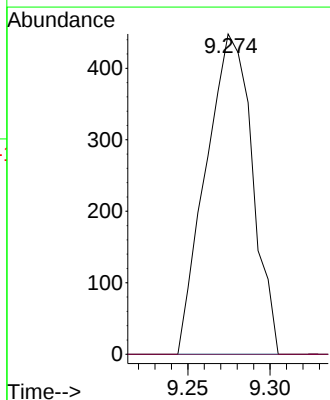
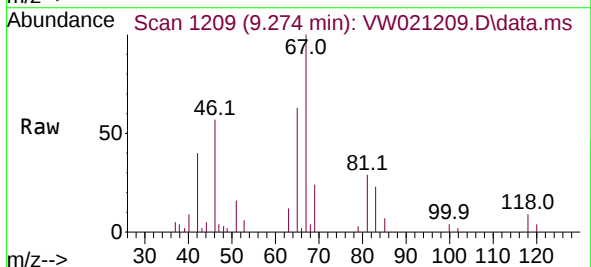
Ion	Ratio	Lower	Upper
95	100		
97	68.7	47.0	87.2
132	114.2	65.5	121.6
130	113.9	69.4	128.8

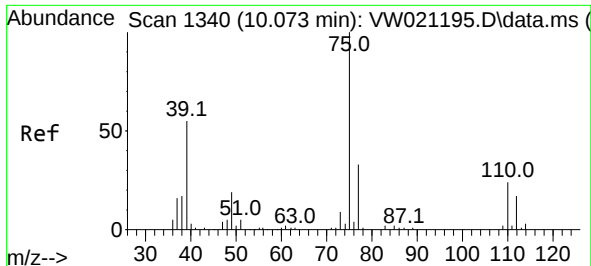


#37
 1,2-Dichloropropane
 Concen: 8.634 ug/L
 RT: 9.274 min Scan# 1209
 Delta R.T. -0.092 min
 Lab File: VW021209.D
 Acq: 07 Dec 2021 17:05

Tgt Ion: 63 Resp: 880

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.843 ug/L

RT: 10.043 min Scan# 11

Delta R.T. -0.031 min

Lab File: VW021209.D

Acq: 07 Dec 2021 17:05

Instrument :

MSVOA_W

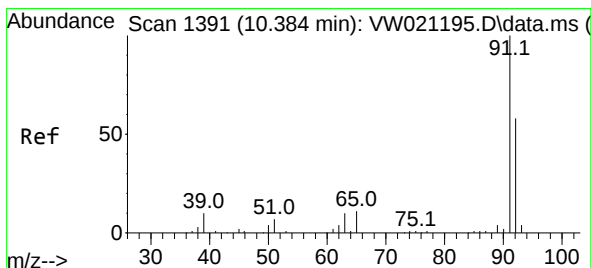
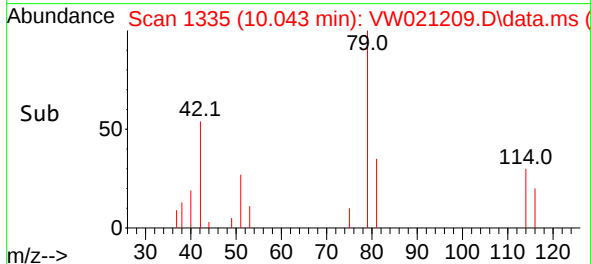
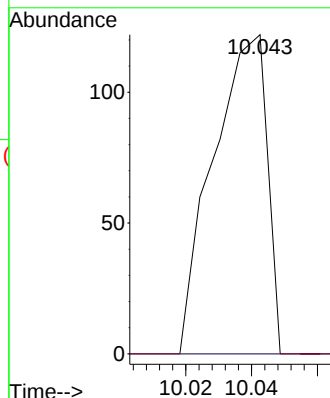
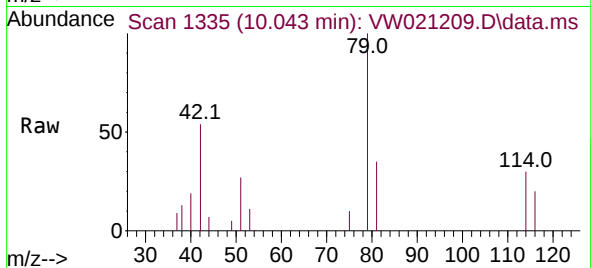
ClientSampleId :

Tgt Ion: 75 Resp: 139

Ion Ratio Lower Upper

75 100

77 0.0 21.8 40.6#



#42

Toluene

Concen: 1.938 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.000 min

Lab File: VW021209.D

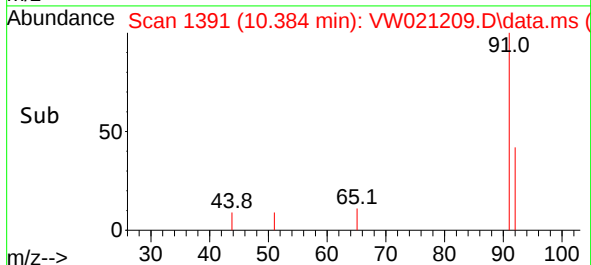
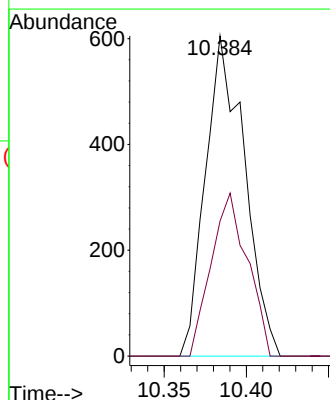
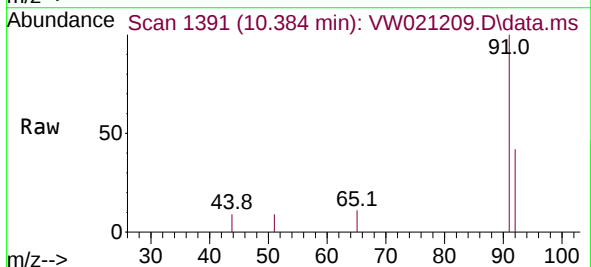
Acq: 07 Dec 2021 17:05

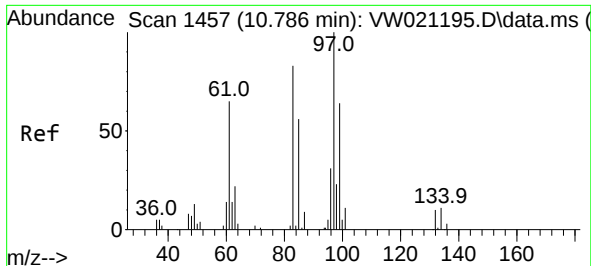
Tgt Ion: 91 Resp: 998

Ion Ratio Lower Upper

91 100

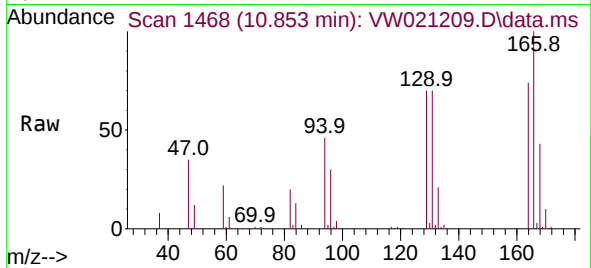
92 42.1 41.7 77.5



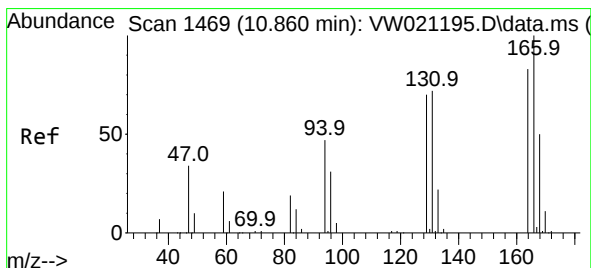
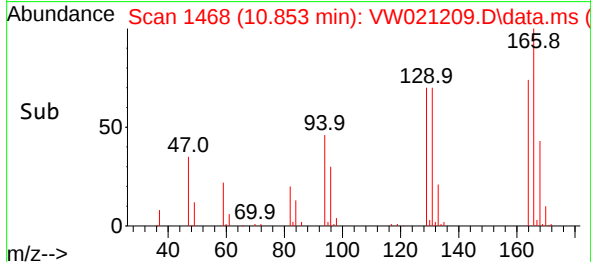
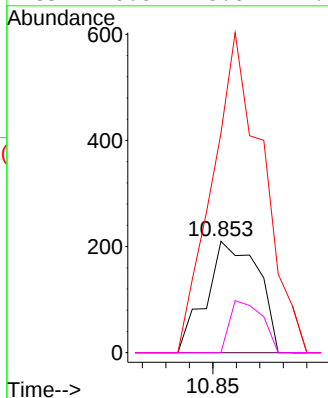


#45
1,1,2-Trichloroethane
Concen: 3.780 ug/L
RT: 10.853 min Scan# 1457
Delta R.T. 0.067 min
Lab File: VW021209.D
Acq: 07 Dec 2021 17:05

Instrument :
MSVOA_W
ClientSampleId :

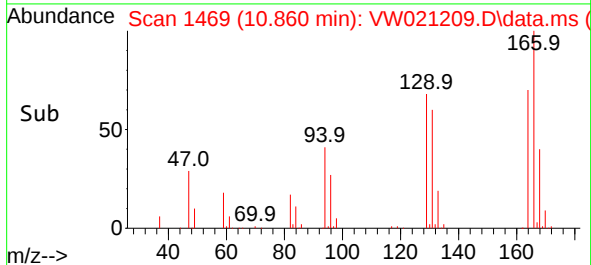
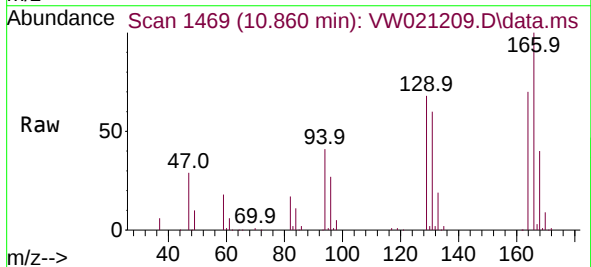
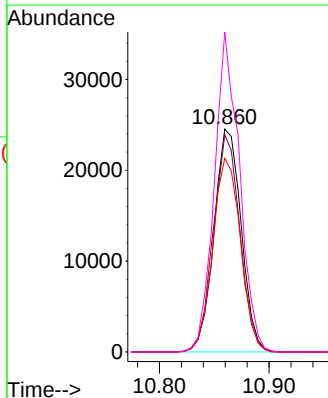


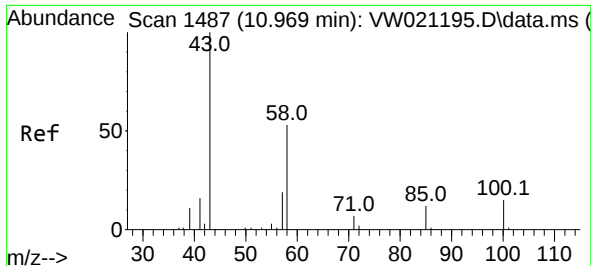
Tgt Ion: 97 Resp: 323
Ion Ratio Lower Upper
97 100
99 0.0 43.0 79.8#
83 196.7 62.6 116.3#
85 0.0 40.0 74.2#



#46
Tetrachloroethene
Concen: 370.967 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW021209.D
Acq: 07 Dec 2021 17:05

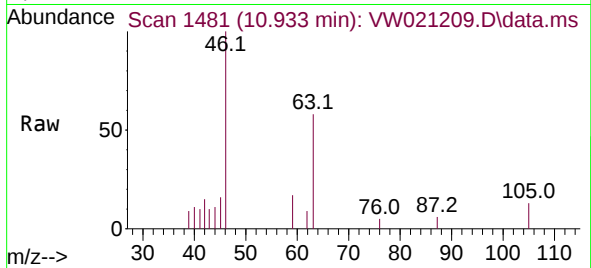
Tgt Ion:164 Resp: 42261
Ion Ratio Lower Upper
164 100
129 97.4 65.5 121.7
131 86.9 59.7 110.9
166 143.6 88.7 164.7



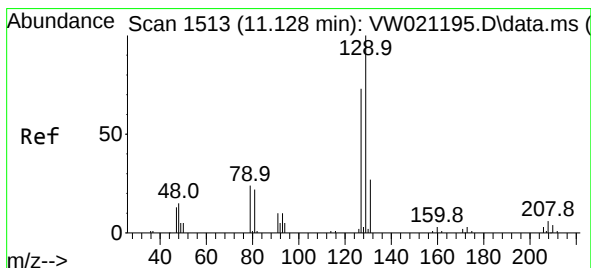
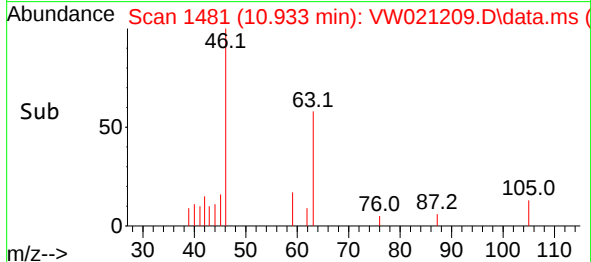
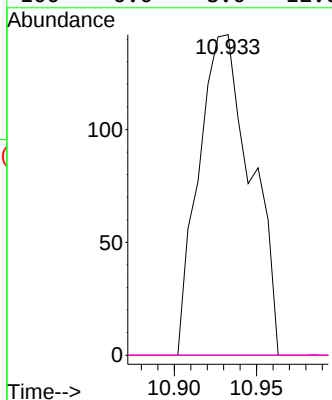


#48
2-Hexanone
Concen: 6.289 ug/L
RT: 10.933 min Scan# 1487
Delta R.T. -0.037 min
Lab File: VW021209.D
Acq: 07 Dec 2021 17:05

Instrument :
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ClientSampleId :

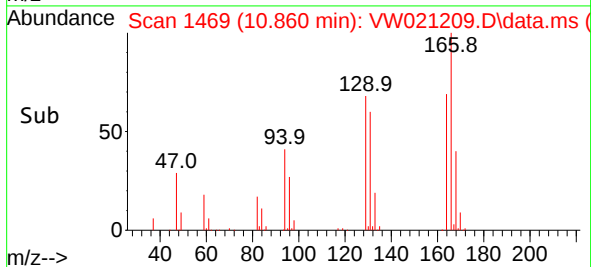
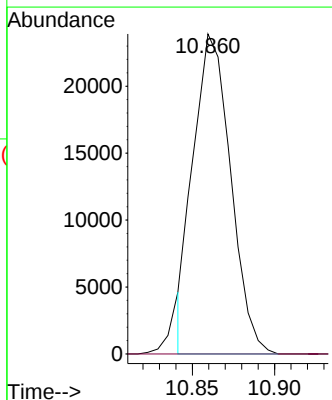
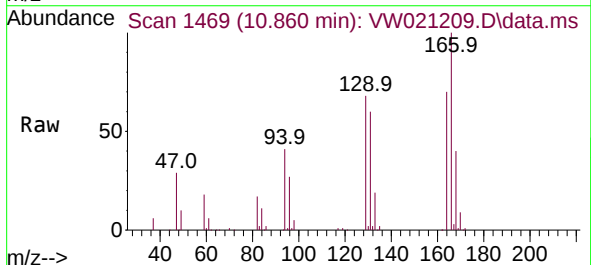


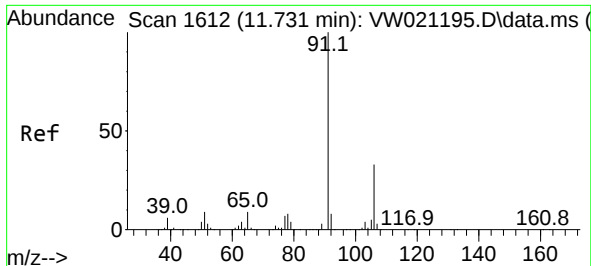
Tgt Ion: 43 Resp: 315
Ion Ratio Lower Upper
43 100
58 0.0 40.2 60.2#
57 0.0 14.3 21.5#
100 0.0 8.0 12.0#



#49
Dibromochloromethane
Concen: 354.378 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.268 min
Lab File: VW021209.D
Acq: 07 Dec 2021 17:05

Tgt Ion: 129 Resp: 37847
Ion Ratio Lower Upper
129 100
127 0.0 55.7 103.5#

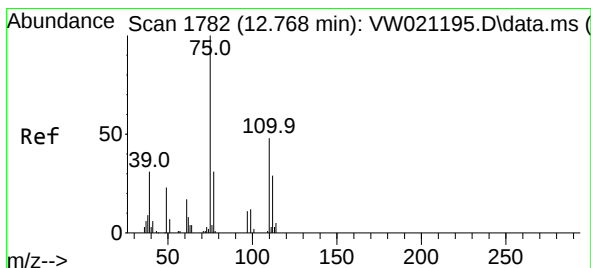
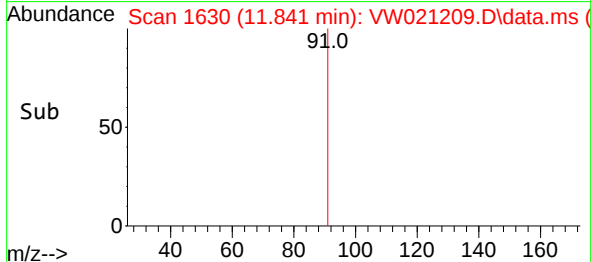
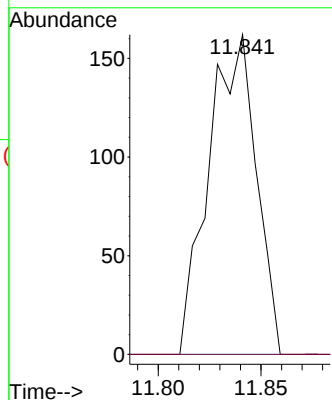
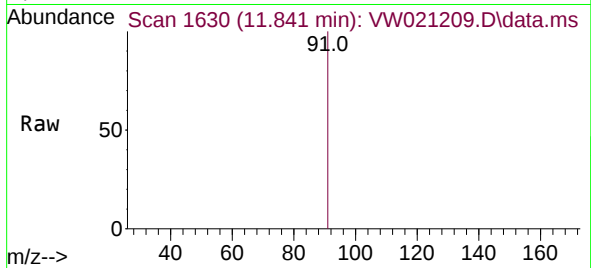




#52
Ethylbenzene
Concen: 0.450 ug/L
RT: 11.841 min Scan# 1
Delta R.T. 0.110 min
Lab File: VW021209.D
Acq: 07 Dec 2021 17:05

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 91 Resp: 261
Ion Ratio Lower Upper
91 100
106 0.0 21.5 39.9#



#61
1,2,3-Trichloropropane
Concen: 4.675 ug/L
RT: 12.597 min Scan# 1754
Delta R.T. -0.171 min
Lab File: VW021209.D
Acq: 07 Dec 2021 17:05

Tgt Ion: 75 Resp: 113
Ion Ratio Lower Upper
75 100
77 0.0 25.8 38.8#
110 0.0 29.0 43.4#

