

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121721\
 Data File : VW021434.D
 Acq On : 17 Dec 2021 16:30
 Operator : SY/VA
 Sample : M5121-09
 Misc : 5.34g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 17 21:17:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 17 00:58:26 2021
 Response via : Initial Calibration

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

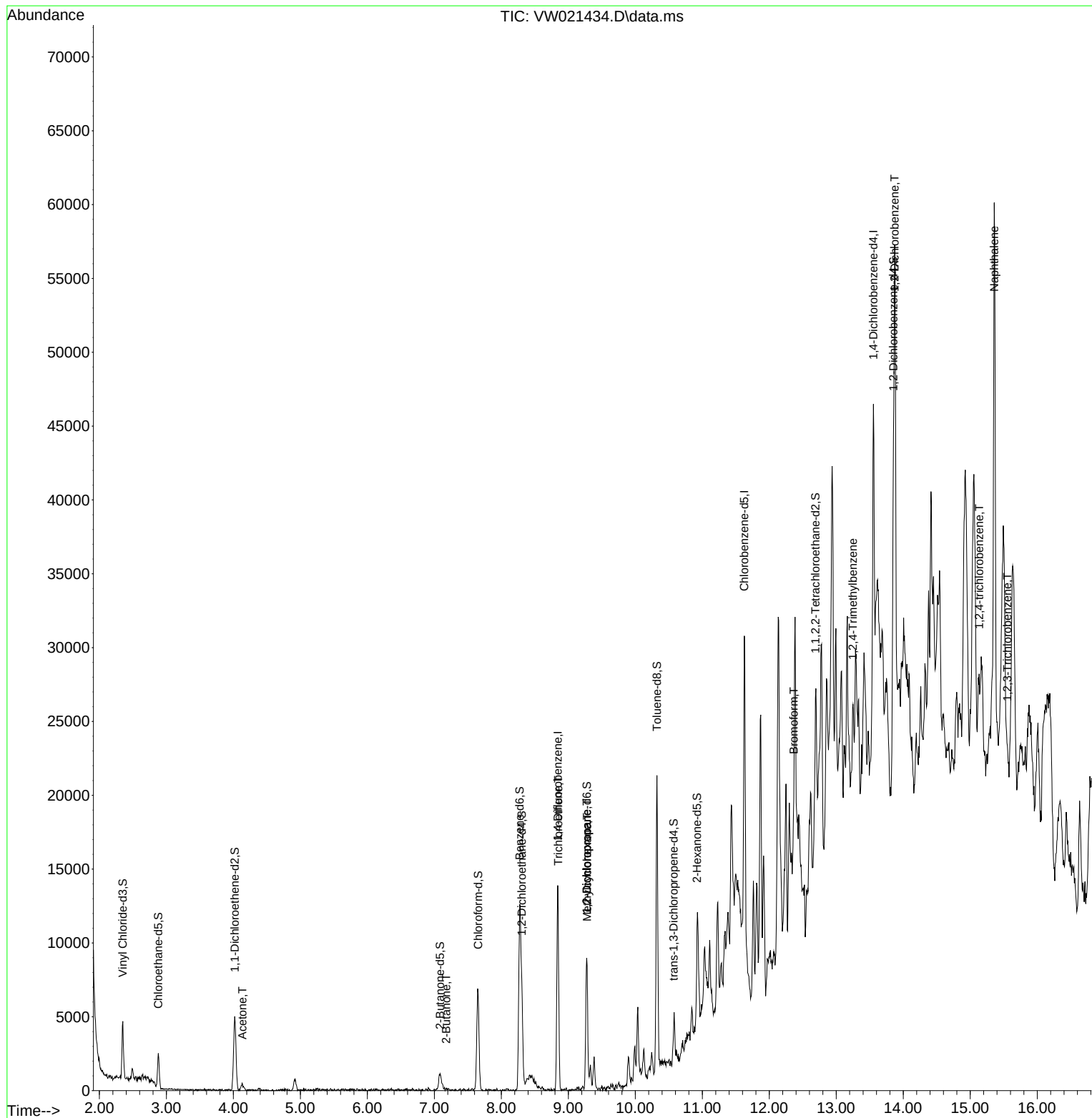
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	11877	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	11785	25.000	ug/L	# 0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	6351	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	3674	16.985	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.920%
7) Chloroethane-d5	2.879	69	2656	18.574	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.280%
11) 1,1-Dichloroethene-d2	4.019	63	4763	16.516	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.080%
21) 2-Butanone-d5	7.086	46	2245	73.628	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	147.260%#
24) Chloroform-d	7.653	84	6884	20.798	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.200%
26) 1,2-Dichloroethane-d4	8.305	65	4827	27.417	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.680%
32) Benzene-d6	8.275	84	13069	20.231	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.920%
36) 1,2-Dichloropropane-d6	9.274	67	4280	24.705	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.840%
41) Toluene-d8	10.323	98	12991	19.683	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.720%
43) trans-1,3-Dichloroprop...	10.573	79	1459	18.290	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.160%
47) 2-Hexanone-d5	10.921	63	1917	74.830	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	149.660%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	4111	27.604	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.400%
66) 1,2-Dichlorobenzene-d4	13.853	152	4556	18.510	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	74.040%#
Target Compounds						
					Qvalue	
13) Acetone	4.135	43	881	32.230	ug/L	75
22) 2-Butanone	7.177	43	97	2.717	ug/L	# 52
34) Trichloroethene	8.848	95	252	1.398	ug/L	# 5
35) Methylcyclohexane	9.281	83	1134	3.815	ug/L	# 24
37) 1,2-Dichloropropane	9.274	63	492	3.436	ug/L	# 88
59) Bromoform	12.365	173	154	2.038	ug/L	# 53
63) 1,2,4-Trimethylbenzene	13.249	105	4379	6.045	ug/L	100
67) 1,2-Dichlorobenzene	13.871	146	511	1.426	ug/L	# 4
70) 1,2,4-trichlorobenzene	15.133	180	965	3.944	ug/L	# 84
71) Naphthalene	15.359	128	30701	77.224	ug/L	98
72) 1,2,3-Trichlorobenzene	15.554	180	306	1.513	ug/L	# 35

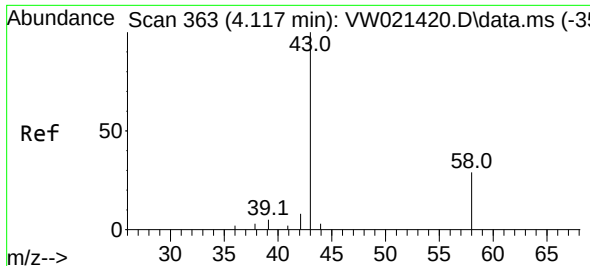
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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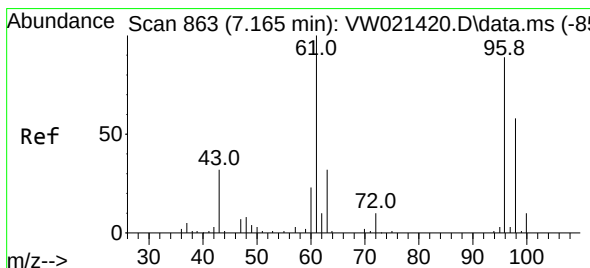
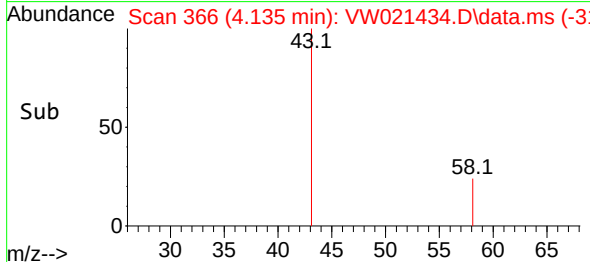
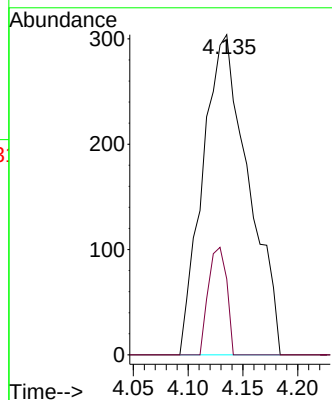
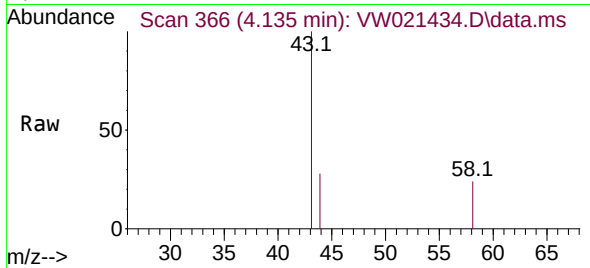




#13
Acetone
Concen: 32.230 ug/L
RT: 4.135 min Scan# 366
Delta R.T. 0.006 min
Lab File: VW021434.D
Acq: 17 Dec 2021 16:30

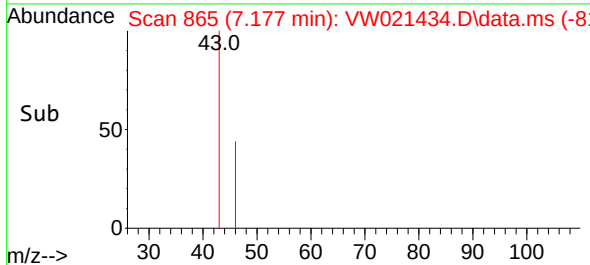
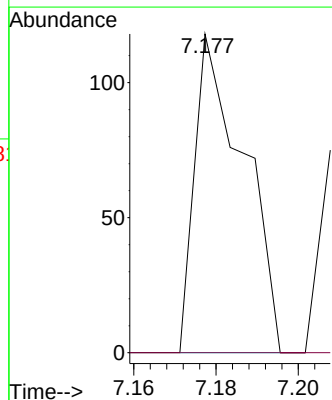
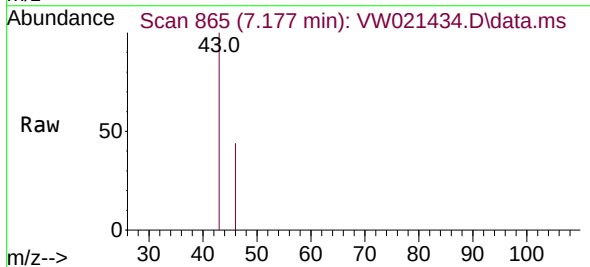
Instrument :
MSVOA_W
ClientSampleId :

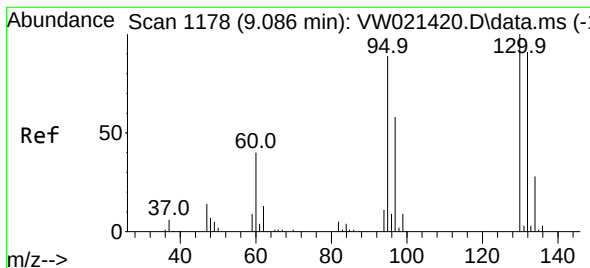
Tgt Ion: 43 Resp: 881
Ion Ratio Lower Upper
43 100
58 13.4 0.0 52.8



#22
2-Butanone
Concen: 2.717 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.012 min
Lab File: VW021434.D
Acq: 17 Dec 2021 16:30

Tgt Ion: 43 Resp: 97
Ion Ratio Lower Upper
43 100
72 0.0 11.8 35.4#





#34

Trichloroethene

Concen: 1.398 ug/L

RT: 8.848 min Scan# 1178

Delta R.T. -0.244 min

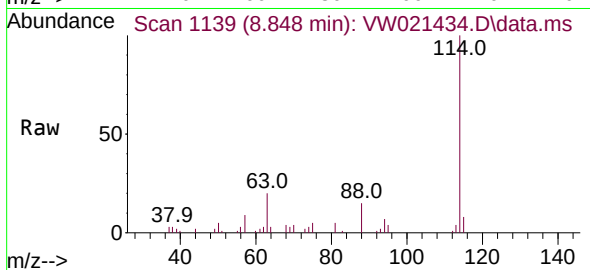
Lab File: VW021434.D

Acq: 17 Dec 2021 16:30

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 252

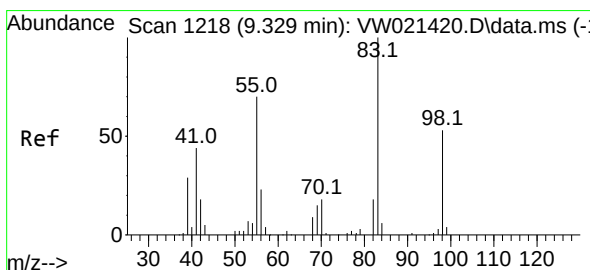
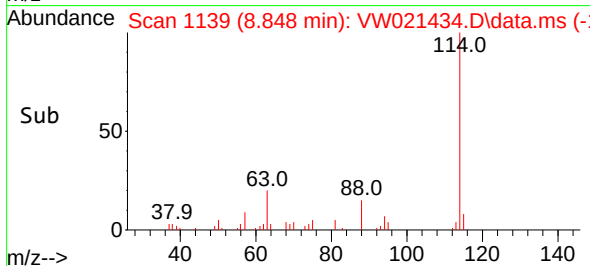
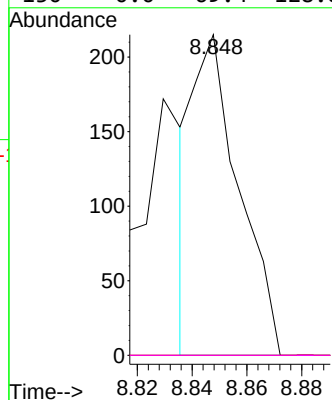
Ion Ratio Lower Upper

95 100

97 0.0 47.0 87.2#

132 0.0 65.5 121.6#

130 0.0 69.4 128.8#



#35

Methylcyclohexane

Concen: 3.815 ug/L

RT: 9.281 min Scan# 1210

Delta R.T. -0.055 min

Lab File: VW021434.D

Acq: 17 Dec 2021 16:30

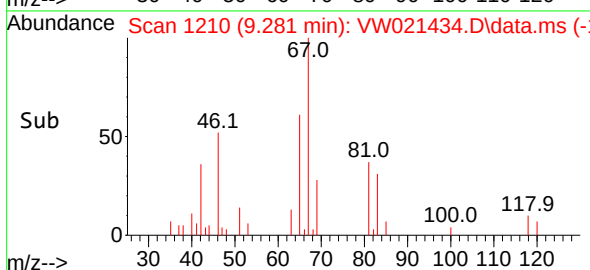
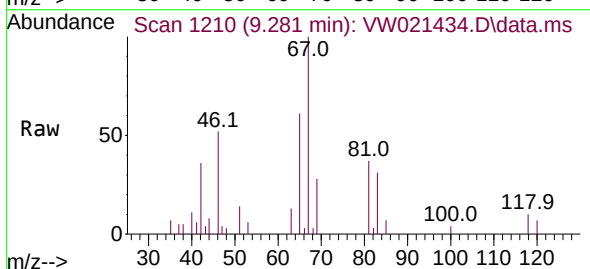
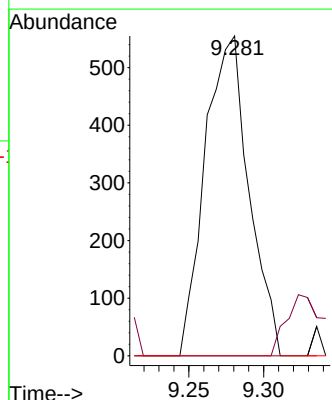
Tgt Ion: 83 Resp: 1134

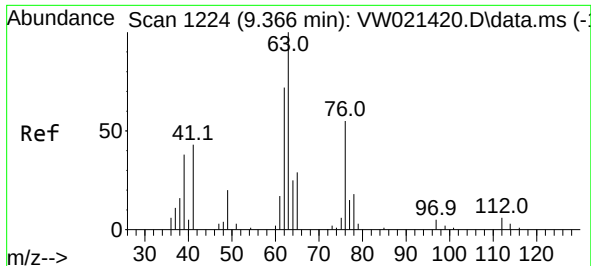
Ion Ratio Lower Upper

83 100

55 14.6 70.8 106.2#

98 0.0 37.7 56.5#





#37

1,2-Dichloropropane

Concen: 3.436 ug/L

RT: 9.274 min Scan# 11

Delta R.T. -0.091 min

Lab File: VW021434.D

Acq: 17 Dec 2021 16:30

Instrument :

MSVOA_W

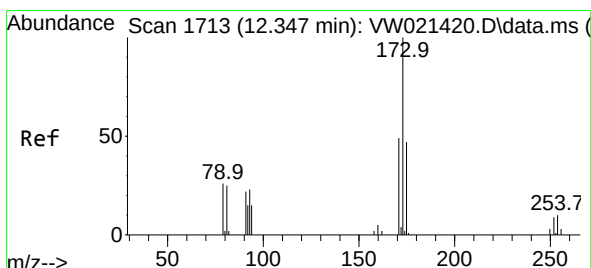
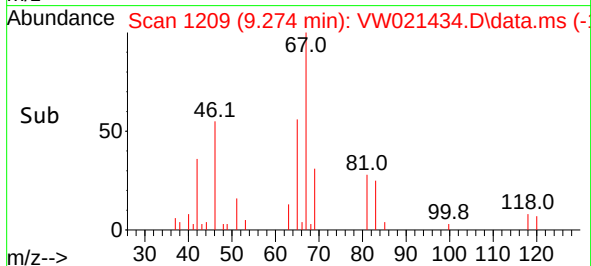
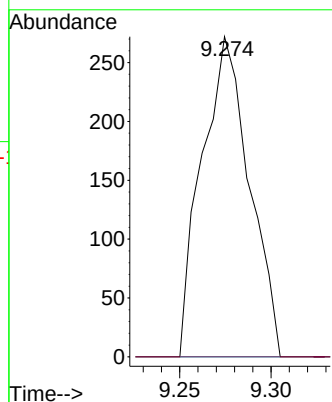
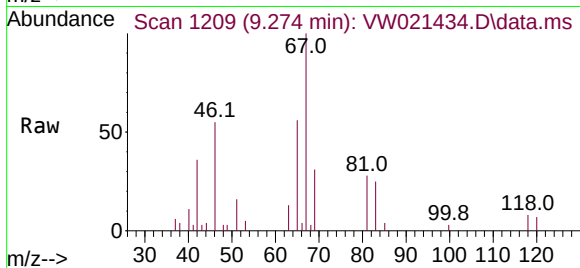
ClientSampleId :

Tgt Ion: 63 Resp: 492

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#59

Bromoform

Concen: 2.038 ug/L

RT: 12.365 min Scan# 1716

Delta R.T. 0.018 min

Lab File: VW021434.D

Acq: 17 Dec 2021 16:30

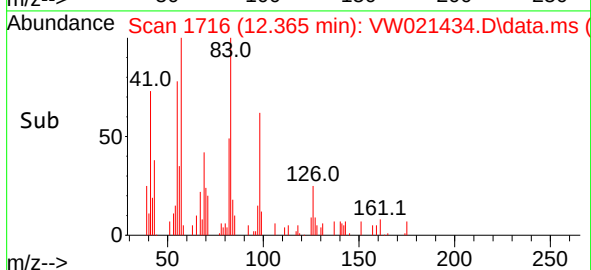
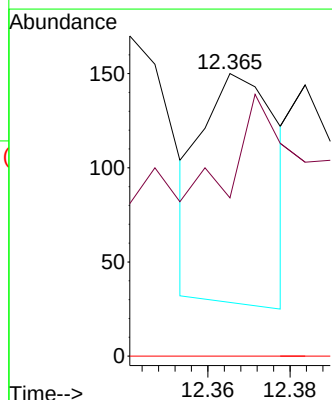
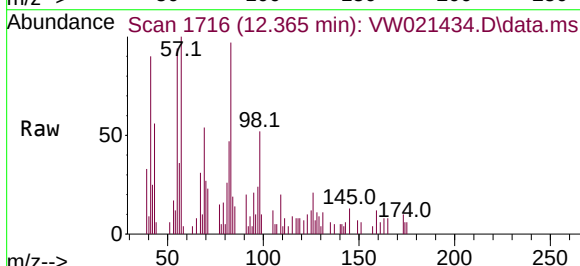
Tgt Ion: 173 Resp: 154

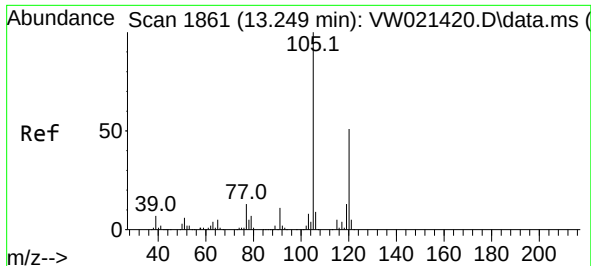
Ion Ratio Lower Upper

173 100

175 84.4 39.6 59.4#

254 0.0 7.4 11.0#

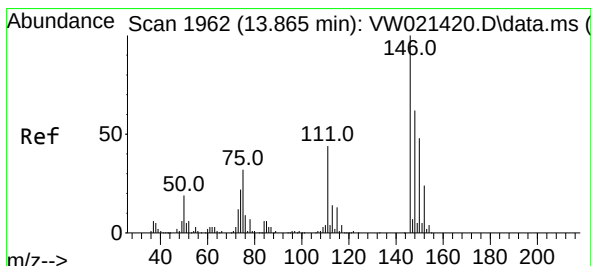
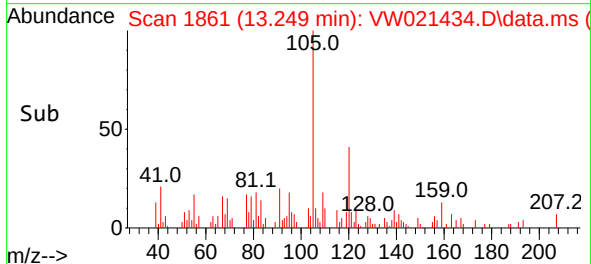
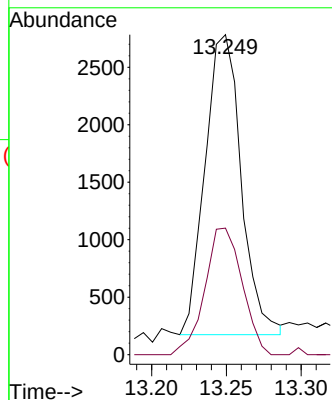
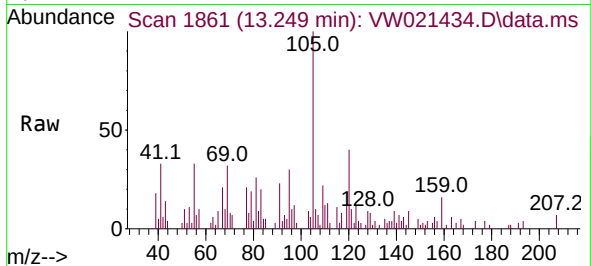




#63
1,2,4-Trimethylbenzene
Concen: 6.045 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW021434.D
Acq: 17 Dec 2021 16:30

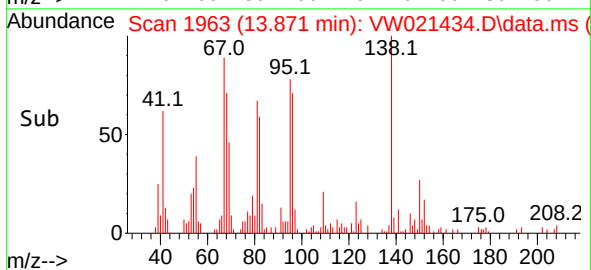
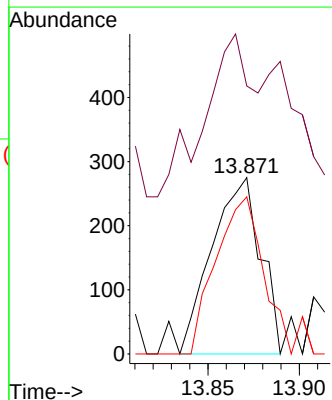
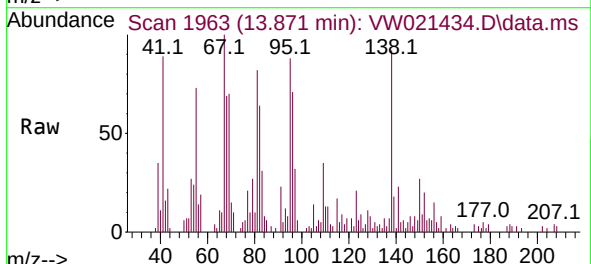
Instrument :
MSVOA_W
ClientSampleId :

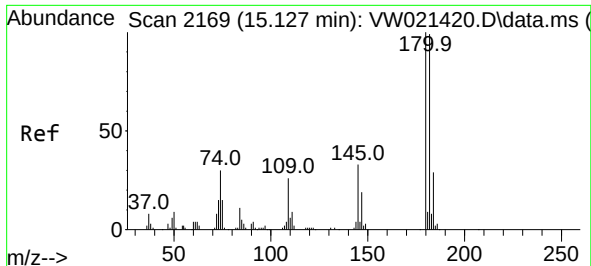
Tgt Ion:105 Resp: 4379
Ion Ratio Lower Upper
105 100
120 43.5 35.0 52.6



#67
1,2-Dichlorobenzene
Concen: 1.426 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VW021434.D
Acq: 17 Dec 2021 16:30

Tgt Ion:146 Resp: 511
Ion Ratio Lower Upper
146 100
111 152.0 33.1 49.7#
148 89.1 47.4 71.2#

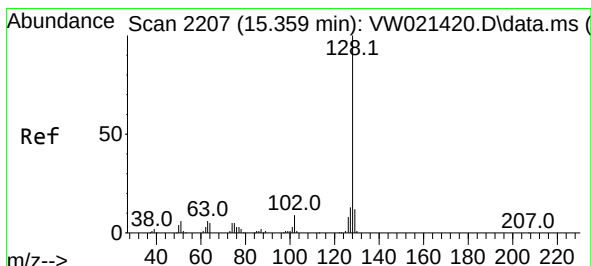
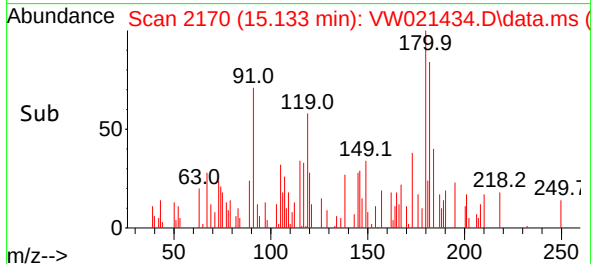
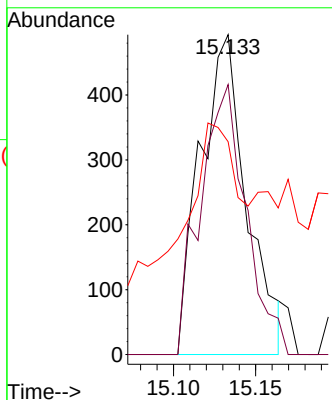
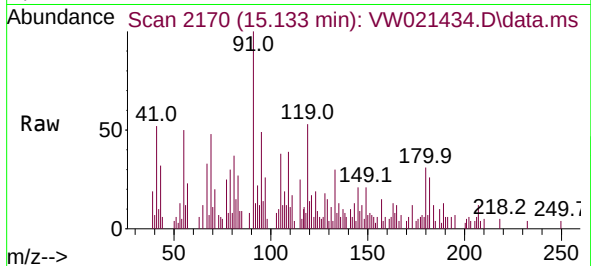




#70
1,2,4-trichlorobenzene
Concen: 3.944 ug/L
RT: 15.133 min Scan# 2169
Delta R.T. 0.006 min
Lab File: VW021434.D
Acq: 17 Dec 2021 16:30

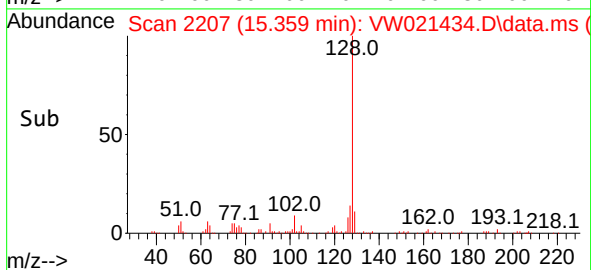
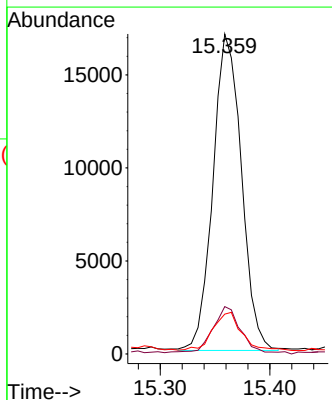
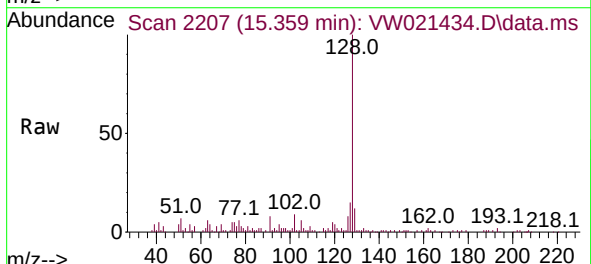
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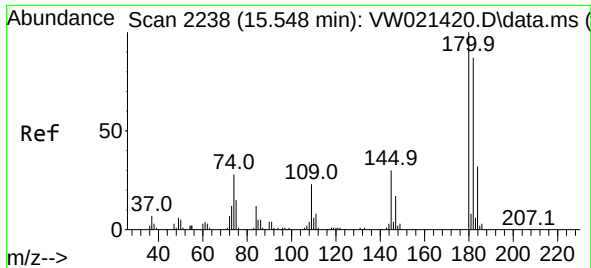
Tgt Ion:180 Resp: 965
Ion Ratio Lower Upper
180 100
182 83.2 79.0 118.6
145 40.9 26.0 39.0#



#71
Naphthalene
Concen: 77.224 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. 0.000 min
Lab File: VW021434.D
Acq: 17 Dec 2021 16:30

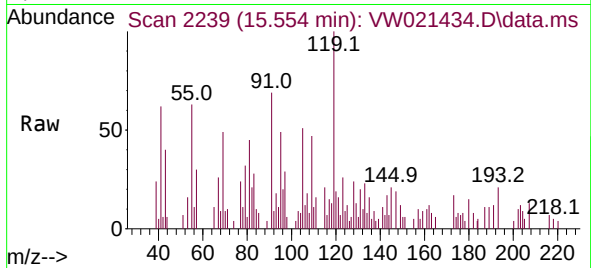
Tgt Ion:128 Resp: 30701
Ion Ratio Lower Upper
128 100
127 13.2 10.7 16.1
129 12.2 8.6 12.8





#72
 1,2,3-Trichlorobenzene
 Concen: 1.513 ug/L
 RT: 15.554 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW021434.D
 Acq: 17 Dec 2021 16:30

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:180 Resp: 306
 Ion Ratio Lower Upper
 180 100
 182 54.6 76.6 114.8#
 145 107.8 27.4 41.0#

