

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
 Data File : VW021083.D
 Acq On : 03 Dec 2021 22:52
 Operator : SY/VA
 Sample : M4883-15
 Misc : 4.28g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 04 01:43:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 04 01:31:24 2021
 Response via : Initial Calibration

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

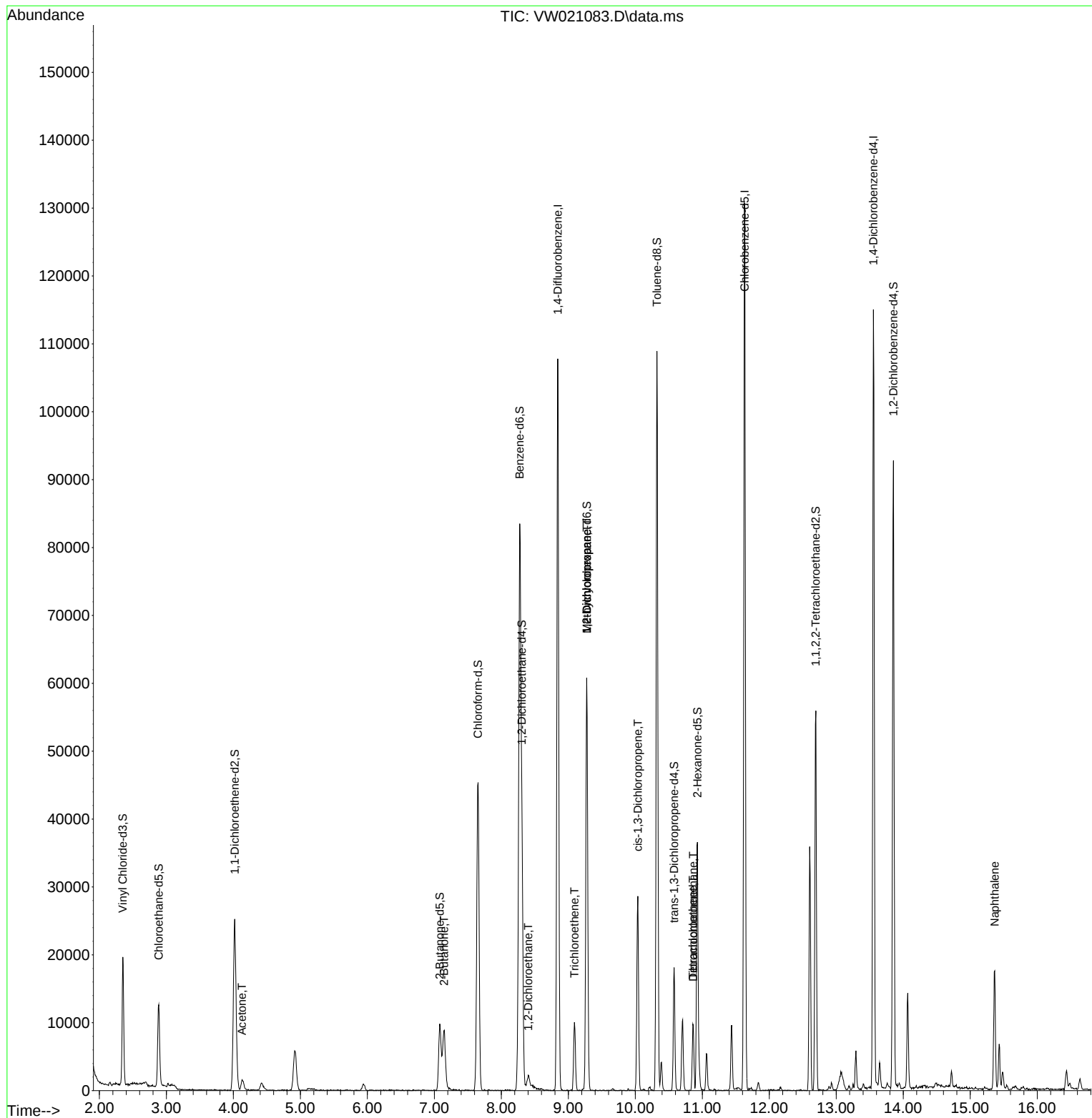
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	91939	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	74451	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	30466	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	17263	13.477	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	53.920%
7) Chloroethane-d5	2.885	69	13568	15.823	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.280%
11) 1,1-Dichloroethene-d2	4.019	63	22594	11.041	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	44.160%#
21) 2-Butanone-d5	7.080	46	16169	55.339	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.680%
24) Chloroform-d	7.653	84	45851	19.914	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.640%
26) 1,2-Dichloroethane-d4	8.305	65	27264	21.644	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.560%
32) Benzene-d6	8.275	84	79571	20.903	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.600%
36) 1,2-Dichloropropane-d6	9.274	67	25368	23.980	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.920%
41) Toluene-d8	10.323	98	71083	18.211	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	72.840%
43) trans-1,3-Dichloroprop...	10.579	79	9314	19.390	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.560%
47) 2-Hexanone-d5	10.927	63	11967	59.125	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.260%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	25475	26.030	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.120%
66) 1,2-Dichlorobenzene-d4	13.853	152	24241	22.207	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.840%
Target Compounds						Qvalue
13) Acetone	4.129	43	3099	11.644	ug/L	97
22) 2-Butanone	7.147	43	1186	3.220	ug/L #	52
27) 1,2-Dichloroethane	8.403	62	1348	0.911	ug/L #	87
34) Trichloroethene	9.092	95	3167	2.711	ug/L	86
35) Methylcyclohexane	9.274	83	6725	3.421	ug/L #	14
37) 1,2-Dichloropropane	9.274	63	3323	3.473	ug/L #	88
39) cis-1,3-Dichloropropene	10.037	75	894	0.578	ug/L #	67
46) Tetrachloroethene	10.860	164	2158	2.018	ug/L	90
49) Dibromochloromethane	10.866	129	1892	1.887	ug/L #	10
71) Naphthalene	15.365	128	15538	6.942	ug/L	99

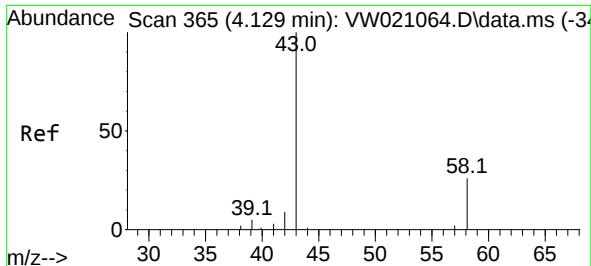
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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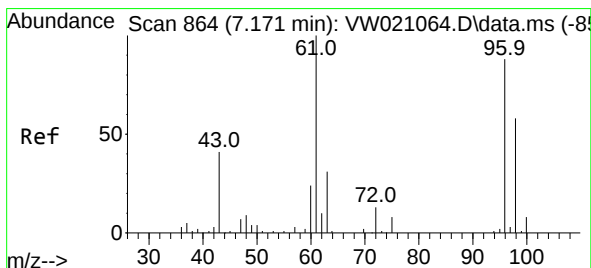
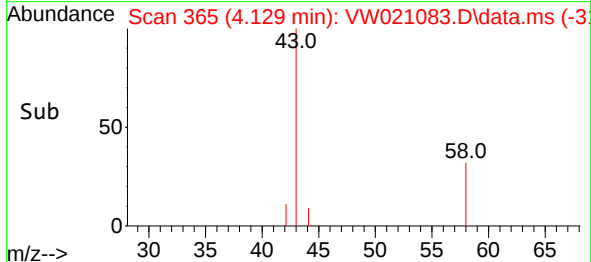
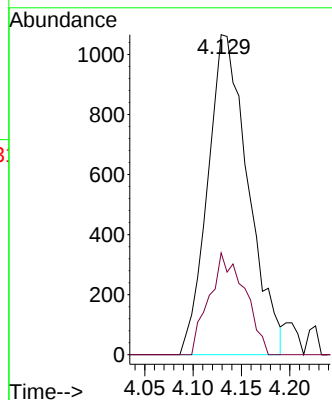
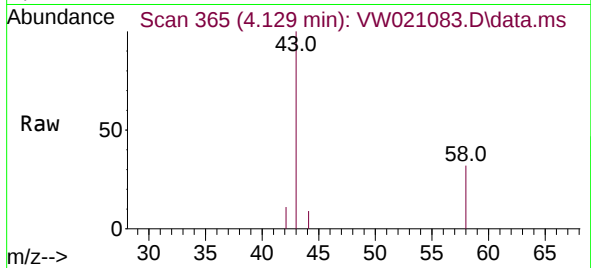




#13
Acetone
Concen: 11.644 ug/L
RT: 4.129 min Scan# 3099
Delta R.T. 0.000 min
Lab File: VW021083.D
Acq: 03 Dec 2021 22:52

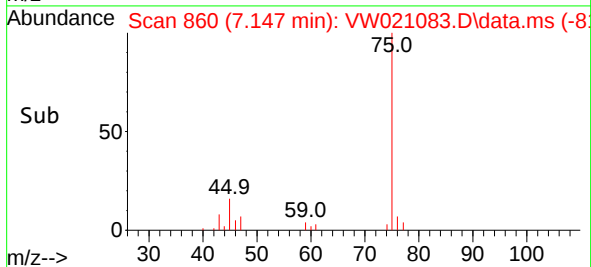
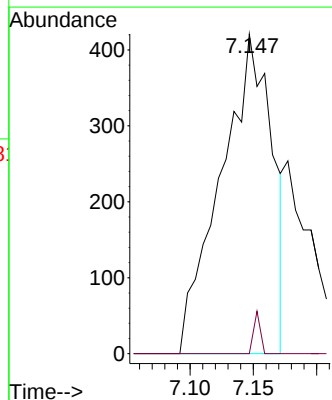
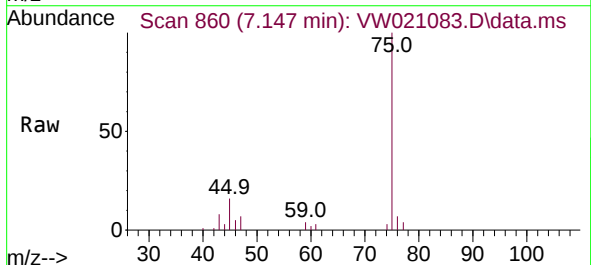
Instrument :
MSVOA_W
ClientSampleId :

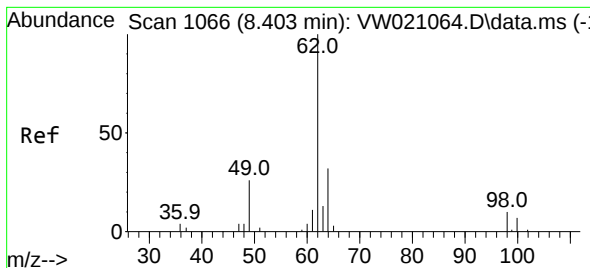
Tgt Ion: 43 Resp: 3099
Ion Ratio Lower Upper
43 100
58 27.9 0.0 52.8



#22
2-Butanone
Concen: 3.220 ug/L
RT: 7.147 min Scan# 860
Delta R.T. -0.024 min
Lab File: VW021083.D
Acq: 03 Dec 2021 22:52

Tgt Ion: 43 Resp: 1186
Ion Ratio Lower Upper
43 100
72 0.0 11.8 35.4#





#27

1,2-Dichloroethane

Concen: 0.911 ug/L

RT: 8.403 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VW021083.D

Acq: 03 Dec 2021 22:52

Instrument :

MSVOA_W

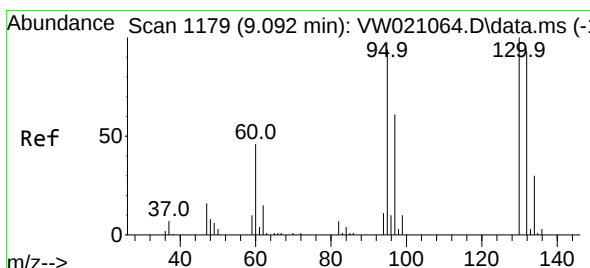
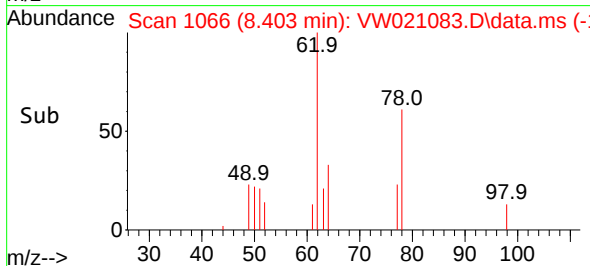
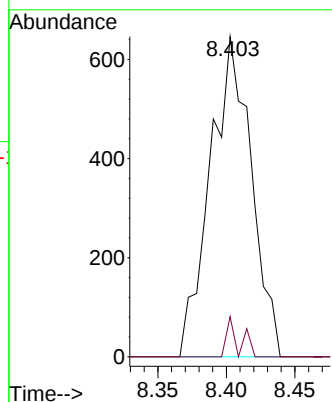
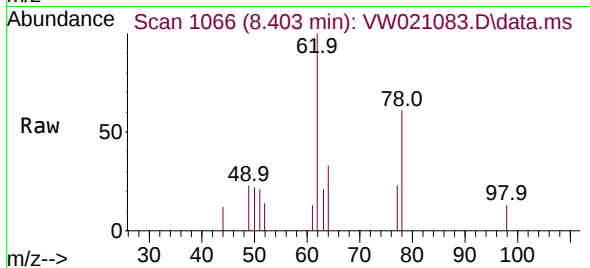
ClientSampleId :

Tgt Ion: 62 Resp: 1348

Ion Ratio Lower Upper

62 100

98 12.5 6.5 9.7#



#34

Trichloroethene

Concen: 2.711 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW021083.D

Acq: 03 Dec 2021 22:52

Tgt Ion: 95 Resp: 3167

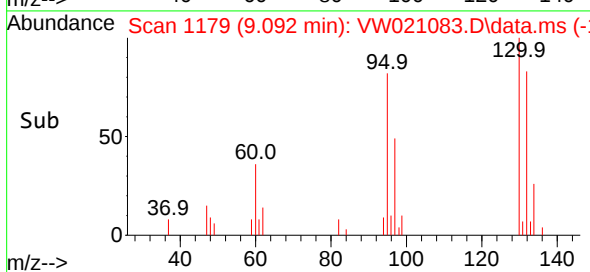
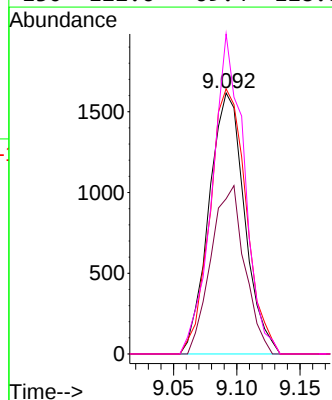
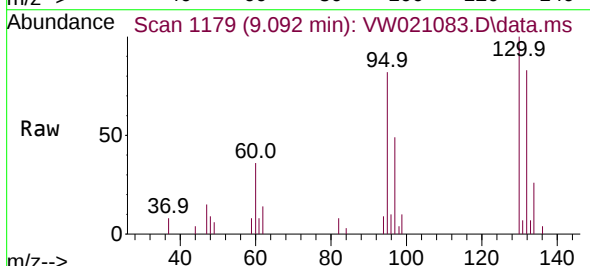
Ion Ratio Lower Upper

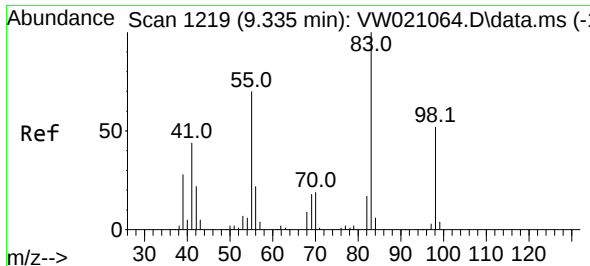
95 100

97 59.5 47.0 87.2

132 101.5 65.5 121.6

130 122.6 69.4 128.8

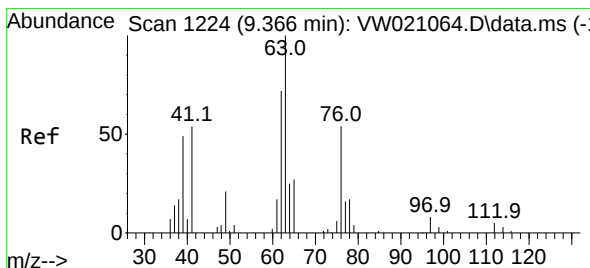
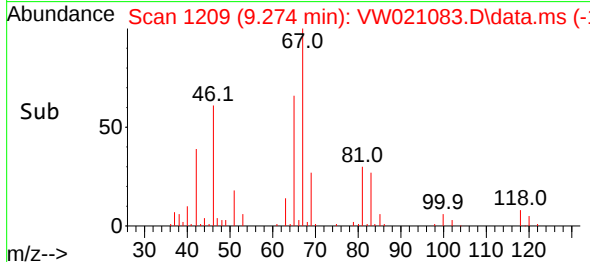
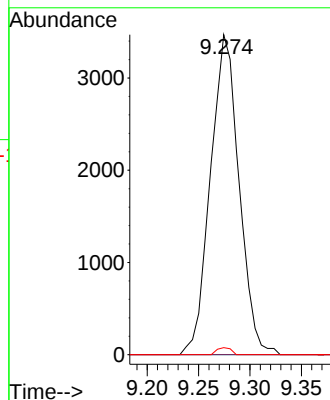
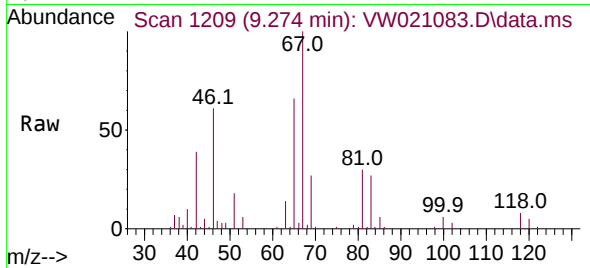




#35
Methylcyclohexane
Concen: 3.421 ug/L
RT: 9.274 min Scan# 11
Delta R.T. -0.061 min
Lab File: VW021083.D
Acq: 03 Dec 2021 22:52

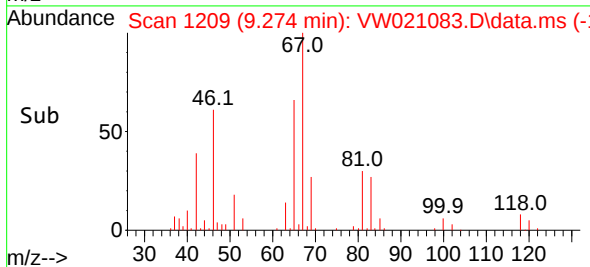
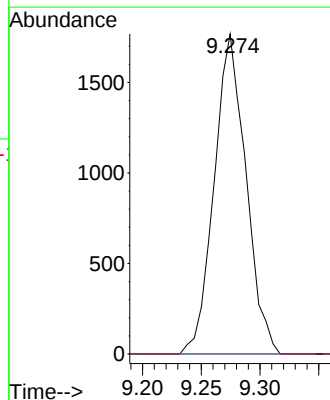
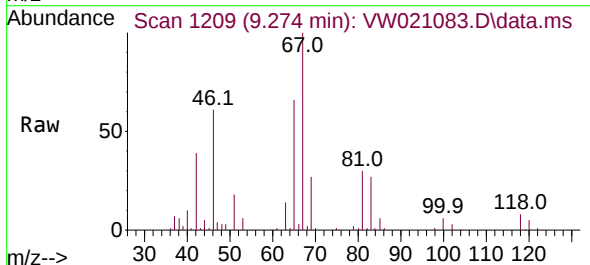
Instrument :
MSVOA_W
ClientSampleId :

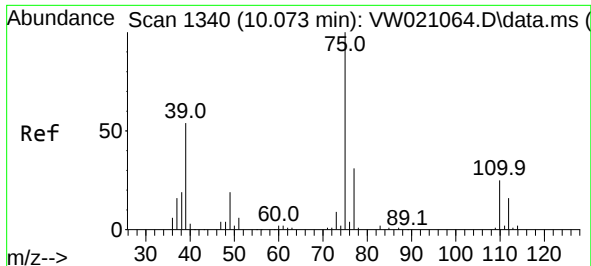
Tgt Ion: 83 Resp: 6725
Ion Ratio Lower Upper
83 100
55 0.0 70.8 106.2#
98 1.1 37.7 56.5#



#37
1,2-Dichloropropane
Concen: 3.473 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.091 min
Lab File: VW021083.D
Acq: 03 Dec 2021 22:52

Tgt Ion: 63 Resp: 3323
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.578 ug/L

RT: 10.037 min Scan# 11

Delta R.T. -0.037 min

Lab File: VW021083.D

Acq: 03 Dec 2021 22:52

Instrument :

MSVOA_W

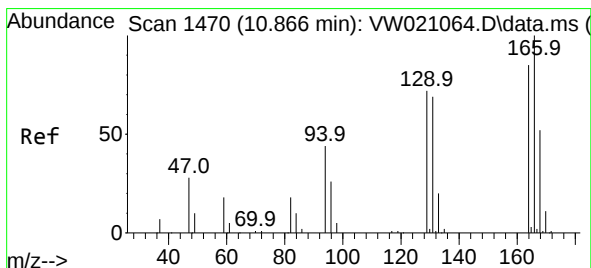
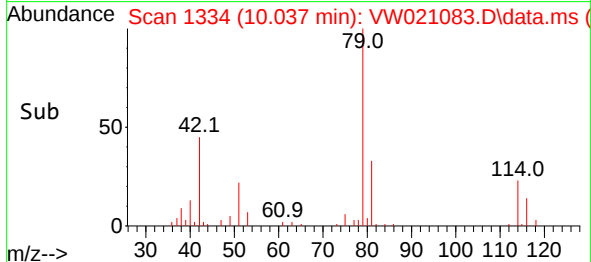
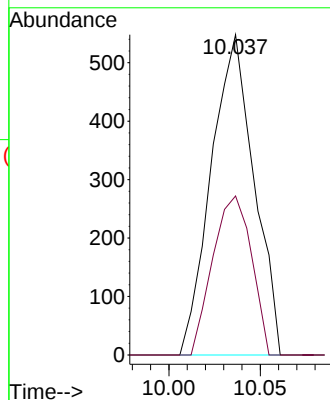
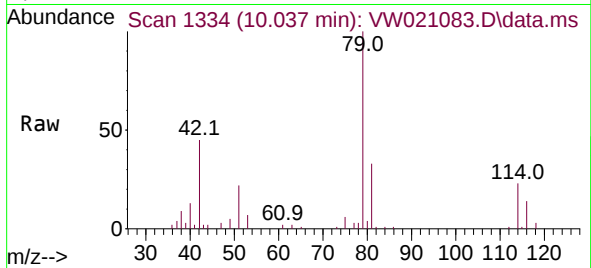
ClientSampleId :

Tgt Ion: 75 Resp: 894

Ion Ratio Lower Upper

75 100

77 49.6 21.8 40.6#



#46

Tetrachloroethene

Concen: 2.018 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. -0.006 min

Lab File: VW021083.D

Acq: 03 Dec 2021 22:52

Tgt Ion: 164 Resp: 2158

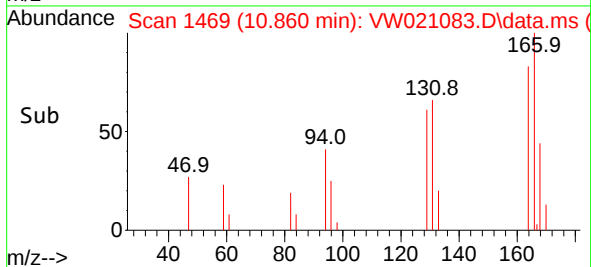
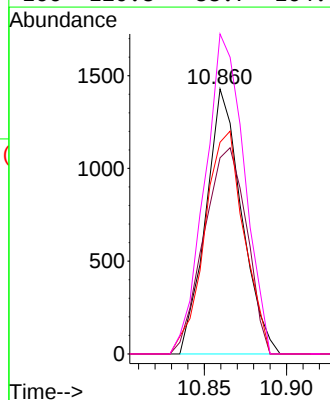
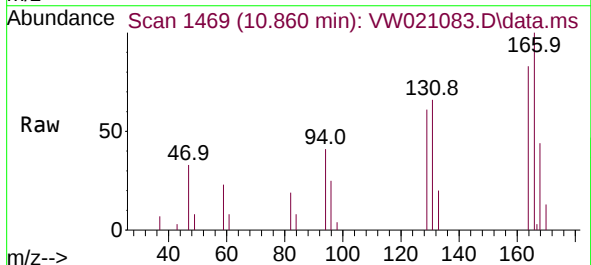
Ion Ratio Lower Upper

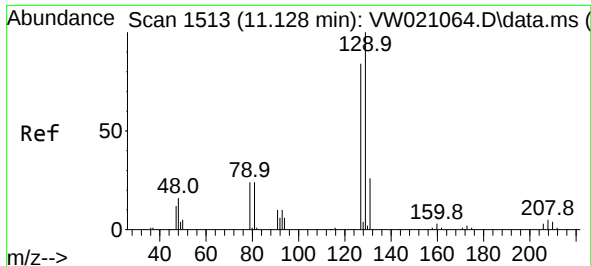
164 100

129 74.0 65.5 121.7

131 79.9 59.7 110.9

166 120.8 88.7 164.7





#49

Dibromochloromethane

Concen: 1.887 ug/L

RT: 10.866 min Scan# 14

Delta R.T. -0.262 min

Lab File: VW021083.D

Acq: 03 Dec 2021 22:52

Instrument :

MSVOA_W

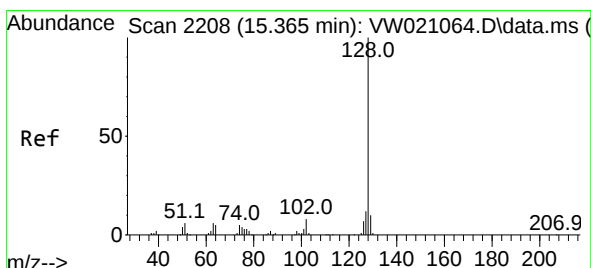
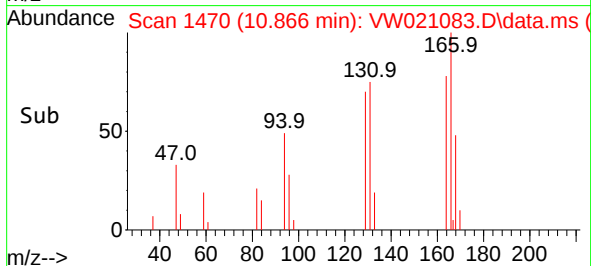
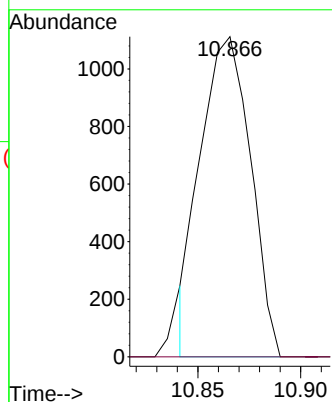
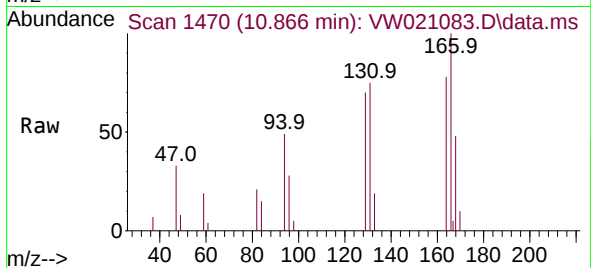
ClientSampleId :

Tgt Ion:129 Resp: 1892

Ion Ratio Lower Upper

129 100

127 0.0 55.7 103.5#



#71

Naphthalene

Concen: 6.942 ug/L

RT: 15.365 min Scan# 2208

Delta R.T. 0.000 min

Lab File: VW021083.D

Acq: 03 Dec 2021 22:52

Tgt Ion:128 Resp: 15538

Ion Ratio Lower Upper

128 100

127 13.5 10.7 16.1

129 10.3 8.6 12.8

