

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120821\
 Data File : VW021220.D
 Acq On : 08 Dec 2021 11:18
 Operator : SY/VA
 Sample : M4960-01
 Misc : 5.75g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 08 23:00:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 08 22:58:53 2021
 Response via : Initial Calibration

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

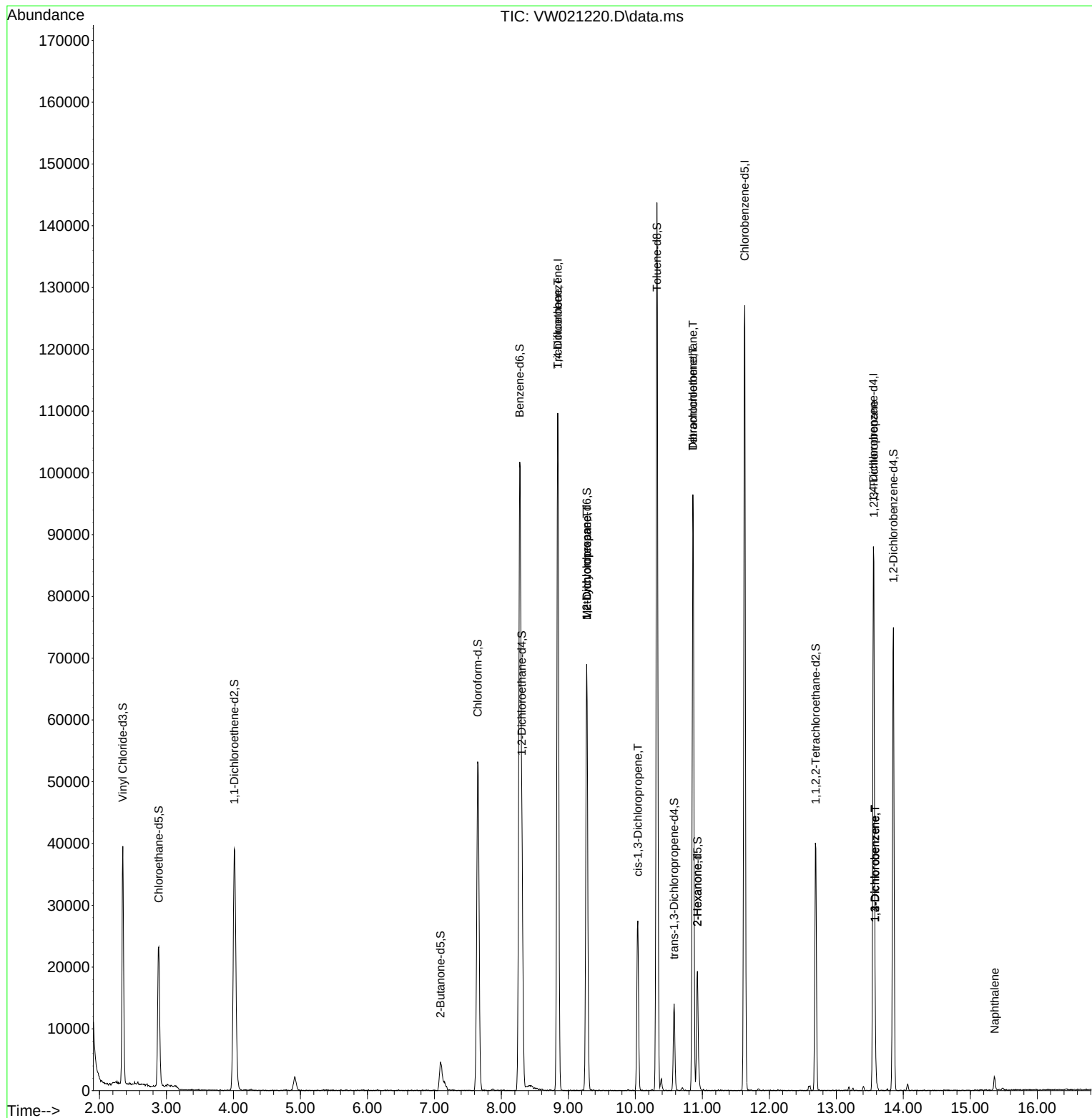
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	92964	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	72078	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	23274	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	37003	28.569	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.280%
7) Chloroethane-d5	2.885	69	26261	30.288	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	121.160%
11) 1,1-Dichloroethene-d2	4.013	63	36679	17.726	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.920%
21) 2-Butanone-d5	7.092	46	8541	28.910	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	57.820%
24) Chloroform-d	7.646	84	53992	23.191	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.760%
26) 1,2-Dichloroethane-d4	8.305	65	26716	20.976	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.920%
32) Benzene-d6	8.274	84	104866	28.454	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	113.800%
36) 1,2-Dichloropropane-d6	9.274	67	29144	28.456	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.840%
41) Toluene-d8	10.323	98	91895	24.318	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.280%
43) trans-1,3-Dichloroprop...	10.579	79	7571	16.280	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	65.120%
47) 2-Hexanone-d5	10.926	63	6619	33.779	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.560%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	18516	19.542	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	78.160%
66) 1,2-Dichlorobenzene-d4	13.853	152	20555	24.649	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.600%
Target Compounds						Qvalue
34) Trichloroethene	8.841	95	2888	2.554	ug/L #	5
35) Methylcyclohexane	9.274	83	7787	4.091	ug/L #	14
37) 1,2-Dichloropropane	9.274	63	3836	4.141	ug/L #	88
39) cis-1,3-Dichloropropene	10.036	75	853	0.569	ug/L #	78
46) Tetrachloroethene	10.859	164	21769	21.023	ug/L	97
48) 2-Hexanone	10.926	43	1241	2.726	ug/L #	62
49) Dibromochloromethane	10.859	129	18631	19.193	ug/L #	10
61) 1,2,3-Trichloropropane	13.560	75	4074	10.449	ug/L #	64
64) 1,3-Dichlorobenzene	13.578	146	4983	3.272	ug/L	91
65) 1,4-Dichlorobenzene	13.578	146	4983	3.237	ug/L	91
67) 1,2-Dichlorobenzene	13.578	146	4983	3.675	ug/L	96
71) Naphthalene	15.365	128	2283	1.335	ug/L #	95

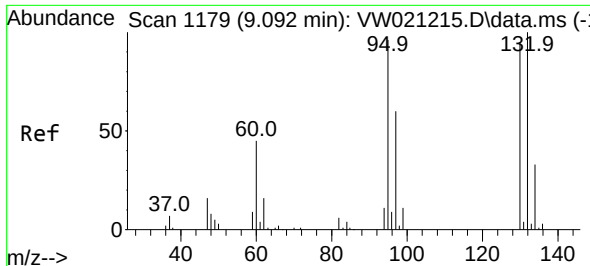
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120821\
Data File : VW021220.D
Acq On : 08 Dec 2021 11:18
Operator : SY/VA
Sample : M4960-01
Misc : 5.75g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

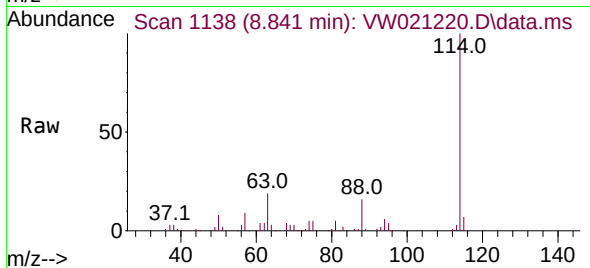
Quant Time: Dec 08 23:00:39 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Dec 08 22:58:53 2021
Response via : Initial Calibration



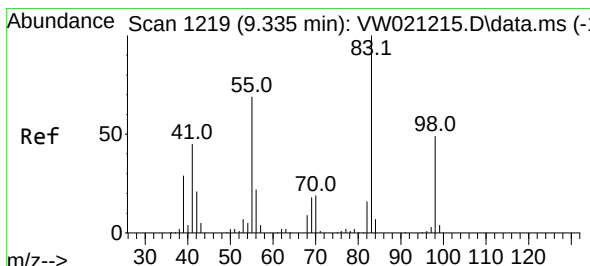
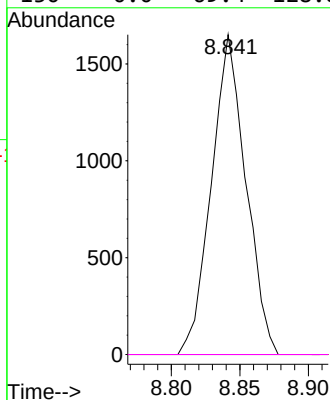
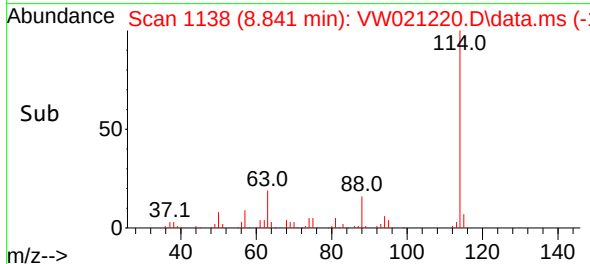


#34
Trichloroethene
Concen: 2.554 ug/L
RT: 8.841 min Scan# 1179
Delta R.T. -0.250 min
Lab File: VW021220.D
Acq: 08 Dec 2021 11:18

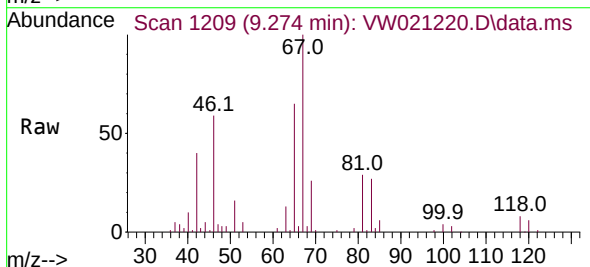
Instrument :
MSVOA_W
ClientSampleId :



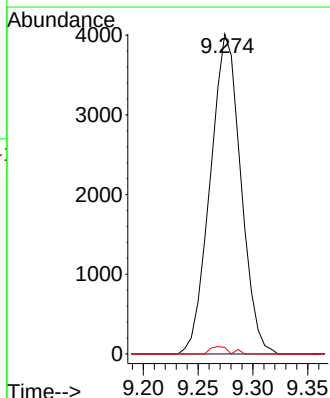
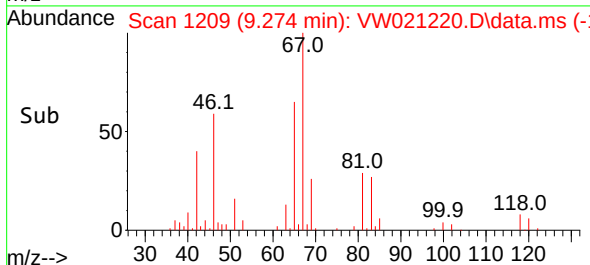
Tgt Ion: 95 Resp: 2888
Ion Ratio Lower Upper
95 100
97 0.0 47.0 87.2#
132 0.0 65.5 121.6#
130 0.0 69.4 128.8#

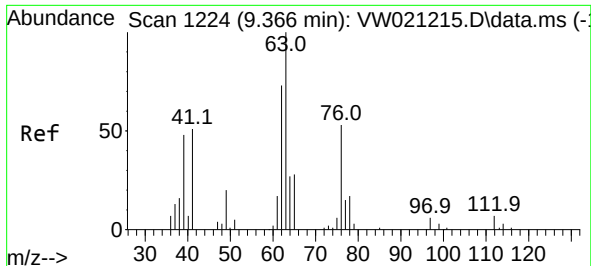


#35
Methylcyclohexane
Concen: 4.091 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW021220.D
Acq: 08 Dec 2021 11:18



Tgt Ion: 83 Resp: 7787
Ion Ratio Lower Upper
83 100
55 0.0 70.8 106.2#
98 1.2 37.7 56.5#





#37

1,2-Dichloropropane

Concen: 4.141 ug/L

RT: 9.274 min Scan# 11

Delta R.T. -0.092 min

Lab File: VW021220.D

Acq: 08 Dec 2021 11:18

Instrument :

MSVOA_W

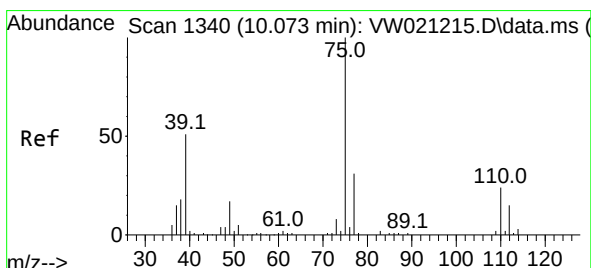
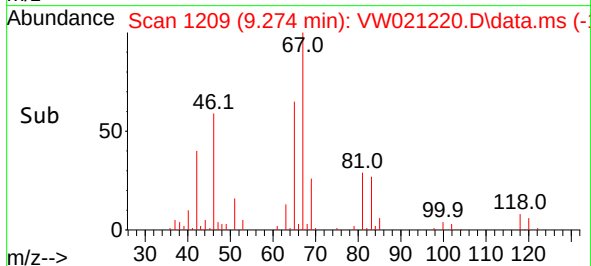
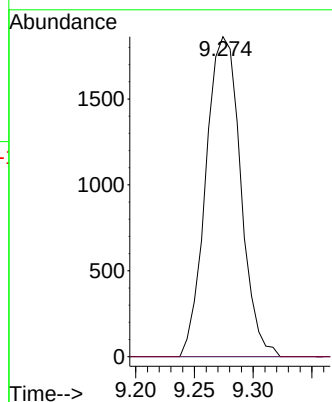
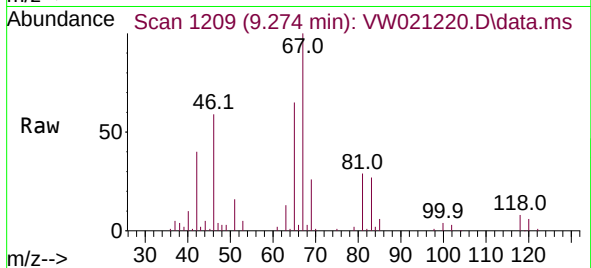
ClientSampleId :

Tgt Ion: 63 Resp: 3836

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.569 ug/L

RT: 10.036 min Scan# 1334

Delta R.T. -0.037 min

Lab File: VW021220.D

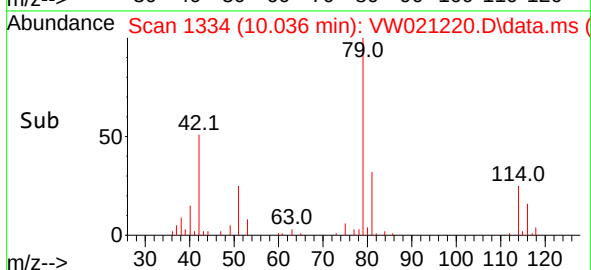
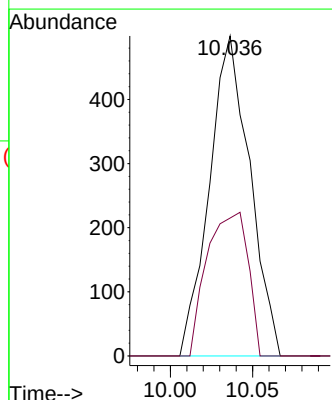
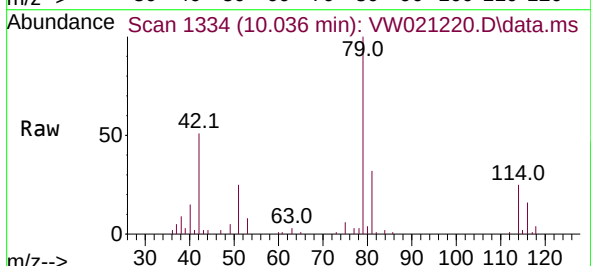
Acq: 08 Dec 2021 11:18

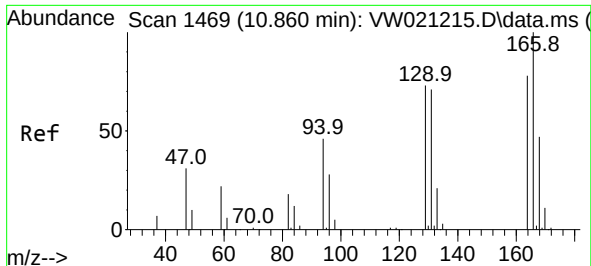
Tgt Ion: 75 Resp: 853

Ion Ratio Lower Upper

75 100

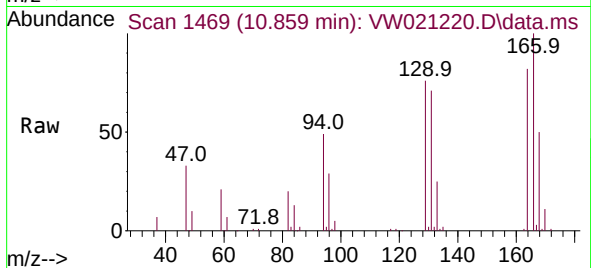
77 43.1 21.8 40.6#





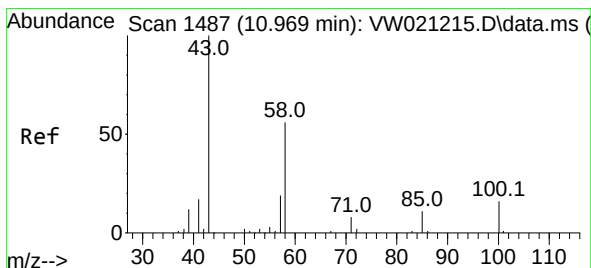
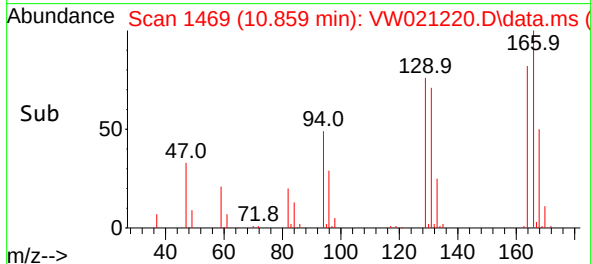
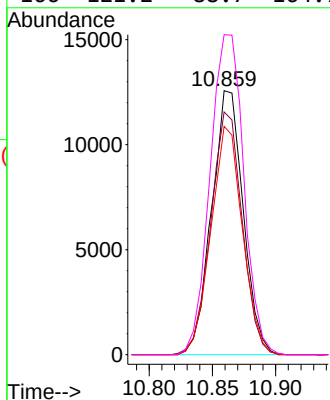
#46
Tetrachloroethene
Concen: 21.023 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW021220.D
Acq: 08 Dec 2021 11:18

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:164 Resp: 21769

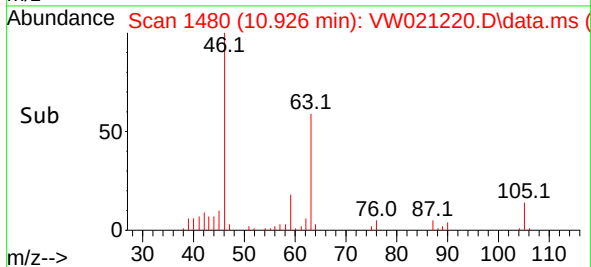
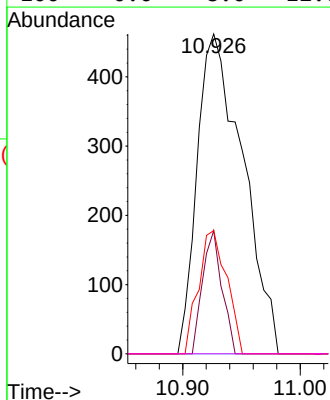
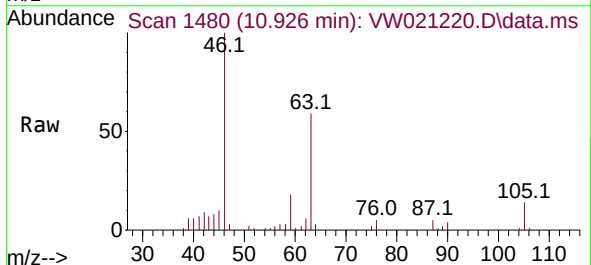
Ion	Ratio	Lower	Upper
164	100		
129	91.9	65.5	121.7
131	86.5	59.7	110.9
166	121.2	88.7	164.7

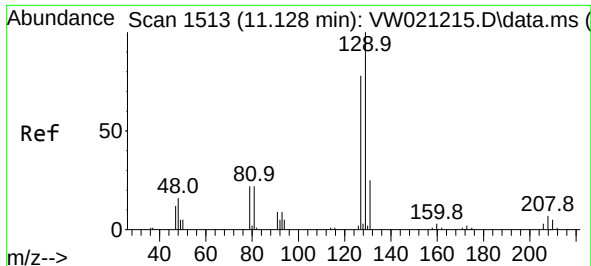


#48
2-Hexanone
Concen: 2.726 ug/L
RT: 10.926 min Scan# 1480
Delta R.T. -0.043 min
Lab File: VW021220.D
Acq: 08 Dec 2021 11:18

Tgt Ion: 43 Resp: 1241

Ion	Ratio	Lower	Upper
43	100		
58	16.4	40.2	60.2#
57	23.9	14.3	21.5#
100	0.0	8.0	12.0#





#49

Dibromochloromethane

Concen: 19.193 ug/L

RT: 10.859 min Scan# 1469

Delta R.T. -0.269 min

Lab File: VW021220.D

Acq: 08 Dec 2021 11:18

Instrument :

MSVOA_W

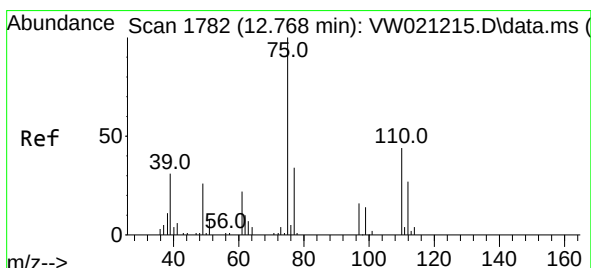
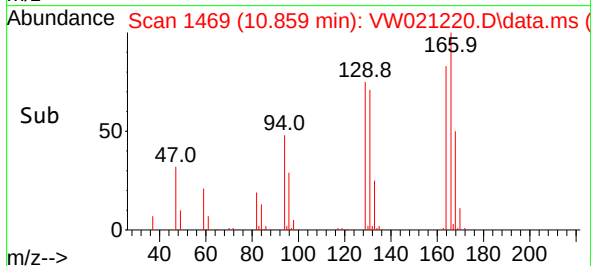
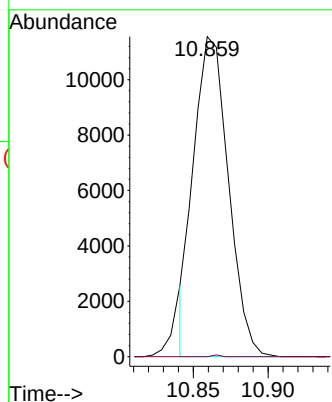
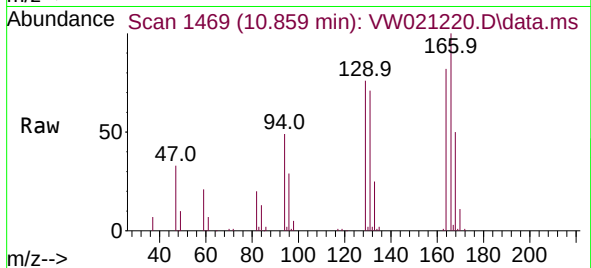
ClientSampleId :

Tgt Ion:129 Resp: 18631

Ion Ratio Lower Upper

129 100

127 0.0 55.7 103.5#



#61

1,2,3-Trichloropropane

Concen: 10.449 ug/L

RT: 13.560 min Scan# 1912

Delta R.T. 0.792 min

Lab File: VW021220.D

Acq: 08 Dec 2021 11:18

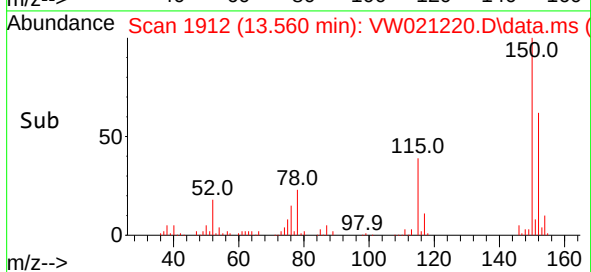
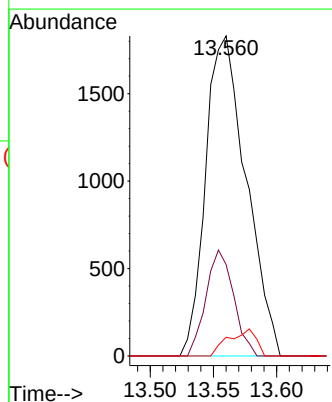
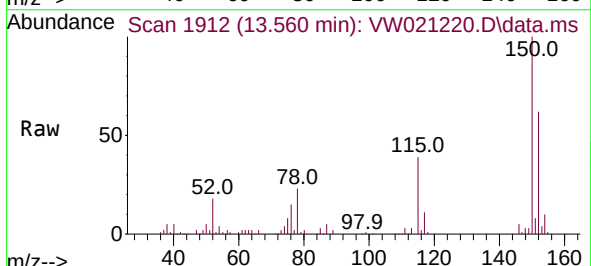
Tgt Ion: 75 Resp: 4074

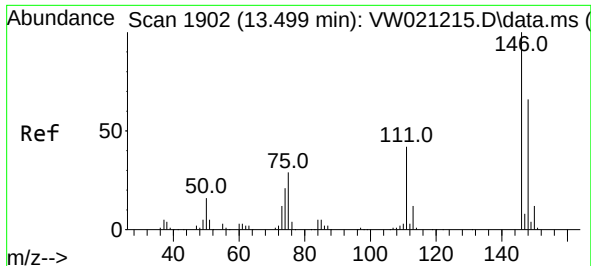
Ion Ratio Lower Upper

75 100

77 22.6 25.8 38.8#

110 5.7 29.0 43.4#

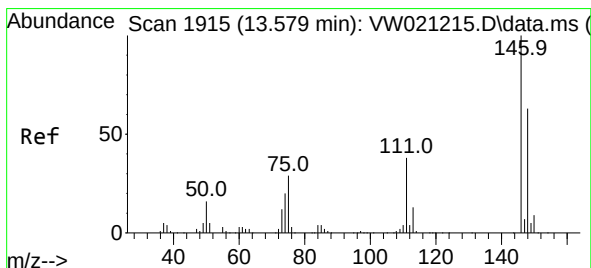
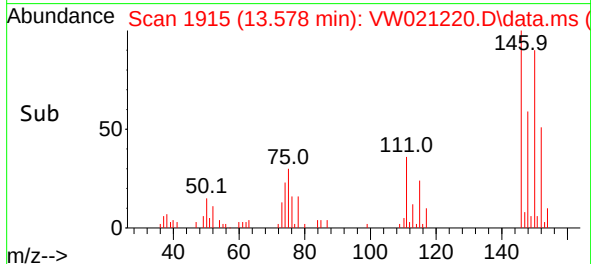
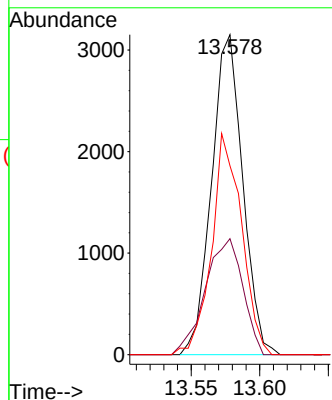
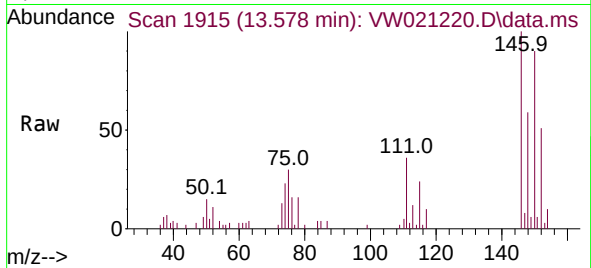




#64
1,3-Dichlorobenzene
Concen: 3.272 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. 0.079 min
Lab File: VW021220.D
Acq: 08 Dec 2021 11:18

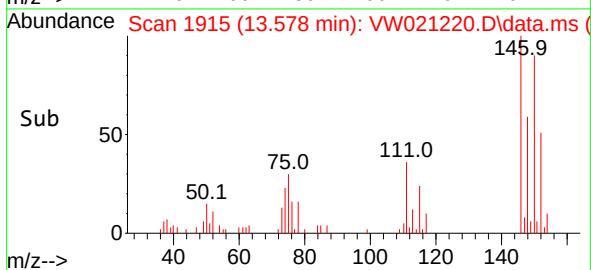
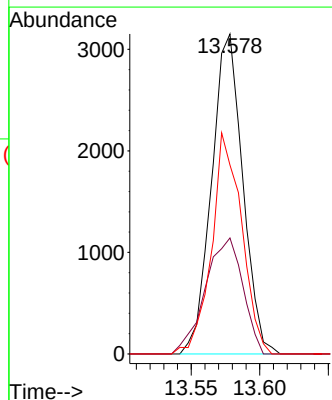
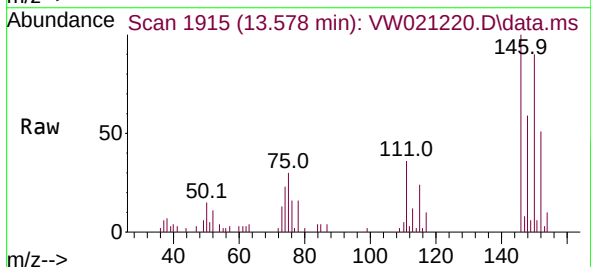
Instrument :
MSVOA_W
ClientSampleId :

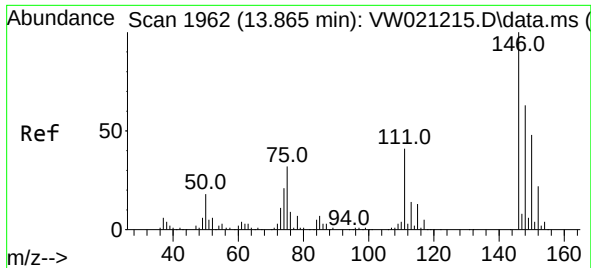
Tgt Ion:146 Resp: 4983
Ion Ratio Lower Upper
146 100
111 36.2 29.8 55.3
148 59.0 46.2 85.8



#65
1,4-Dichlorobenzene
Concen: 3.237 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW021220.D
Acq: 08 Dec 2021 11:18

Tgt Ion:146 Resp: 4983
Ion Ratio Lower Upper
146 100
111 36.2 29.0 53.9
148 59.0 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 3.675 ug/L

RT: 13.578 min Scan# 1962

Delta R.T. -0.287 min

Lab File: VW021220.D

Acq: 08 Dec 2021 11:18

Instrument :

MSVOA_W

ClientSampleId :

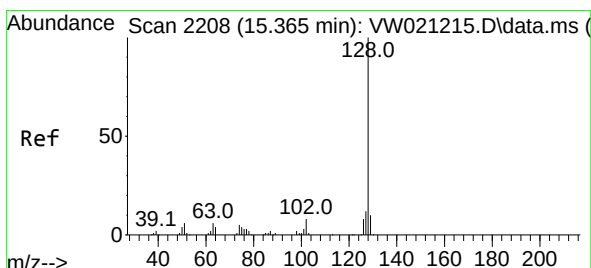
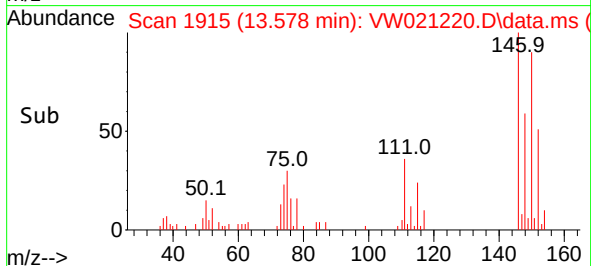
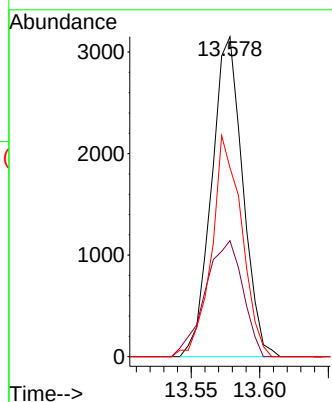
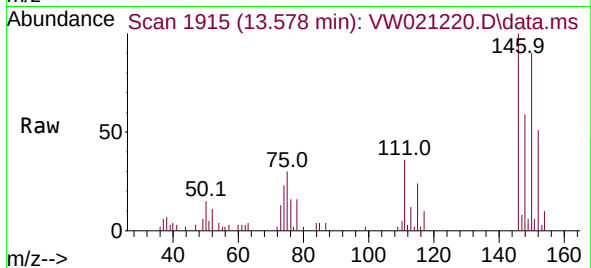
Tgt Ion:146 Resp: 4983

Ion Ratio Lower Upper

146 100

111 36.2 33.1 49.7

148 59.0 47.4 71.2



#71

Naphthalene

Concen: 1.335 ug/L

RT: 15.365 min Scan# 2208

Delta R.T. -0.000 min

Lab File: VW021220.D

Acq: 08 Dec 2021 11:18

Tgt Ion:128 Resp: 2283

Ion Ratio Lower Upper

128 100

127 11.9 10.7 16.1

129 8.1 8.6 12.8#

