

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
 Data File : VW021480.D
 Acq On : 18 Dec 2021 16:42
 Operator : SY/VA
 Sample : M5154-12
 Misc : 5.44g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 18 23:12:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 18 00:55:20 2021
 Response via : Initial Calibration

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

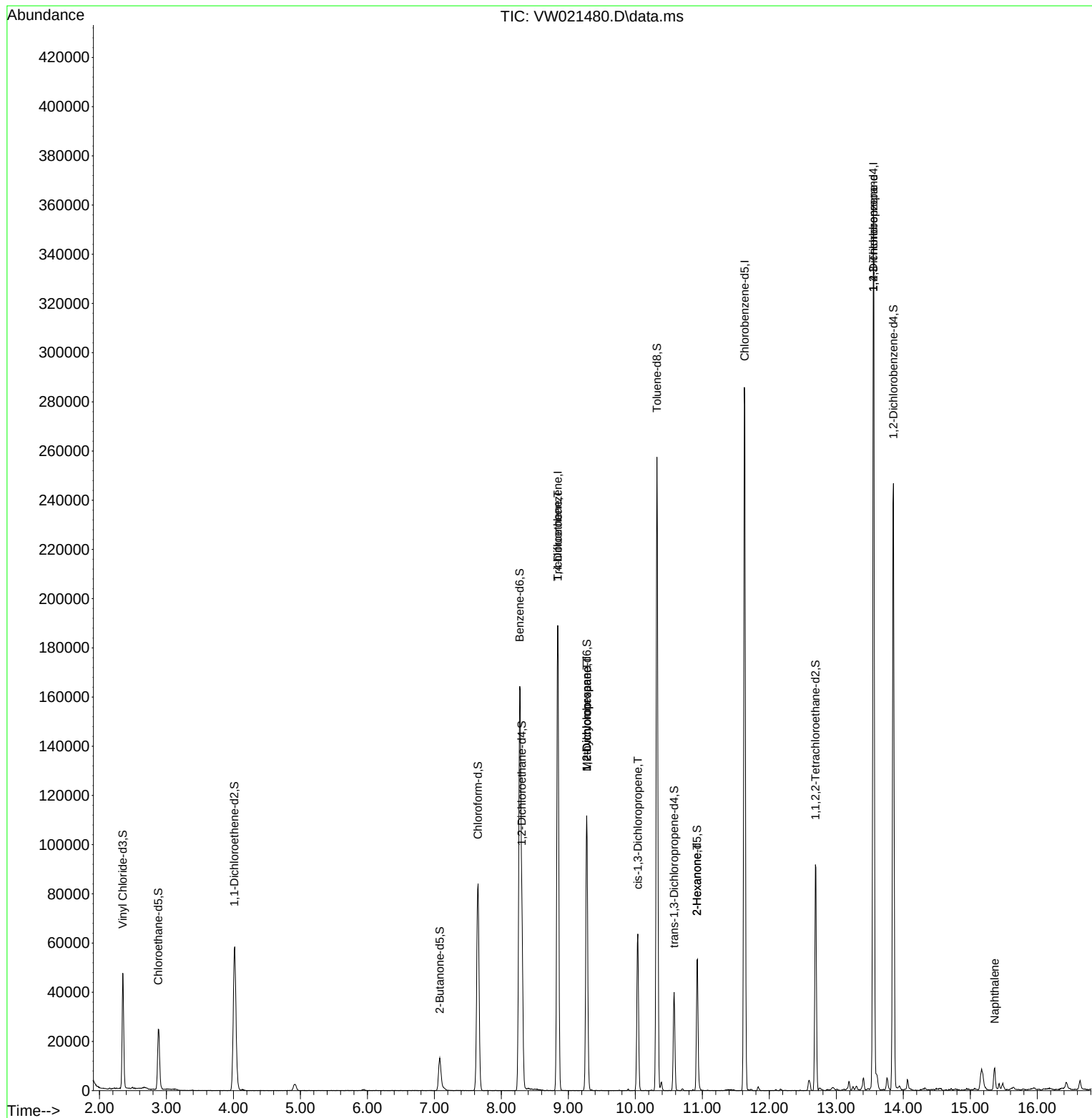
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	166821	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	163372	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	96327	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	45961	15.128	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.520%
7) Chloroethane-d5	2.879	69	28997	14.437	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.760%
11) 1,1-Dichloroethene-d2	4.013	63	56316	13.903	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.600%
21) 2-Butanone-d5	7.080	46	21890	51.112	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.220%
24) Chloroform-d	7.653	84	85216	18.330	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	73.320%
26) 1,2-Dichloroethane-d4	8.305	65	51269	20.732	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.920%
32) Benzene-d6	8.274	84	170324	19.020	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.080%
36) 1,2-Dichloropropane-d6	9.274	67	48151	20.049	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	80.200%
41) Toluene-d8	10.323	98	169187	18.491	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.960%
43) trans-1,3-Dichloroprop...	10.579	79	21837	19.747	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.000%
47) 2-Hexanone-d5	10.920	63	18940	53.332	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.660%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	42646	20.656	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.640%
66) 1,2-Dichlorobenzene-d4	13.853	152	68439	18.332	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	73.320%#
Target Compounds						
					Qvalue	
34) Trichloroethene	8.841	95	4918	1.969	ug/L	# 5
35) Methylcyclohexane	9.274	83	13029	3.162	ug/L	# 14
37) 1,2-Dichloropropane	9.274	63	6274	3.160	ug/L	# 88
39) cis-1,3-Dichloropropene	10.036	75	1882	0.601	ug/L	# 68
48) 2-Hexanone	10.920	43	2260	2.881	ug/L	# 68
61) 1,2,3-Trichloropropane	13.554	75	10555	7.529	ug/L	# 68
71) Naphthalene	15.365	128	8826	1.464	ug/L	98

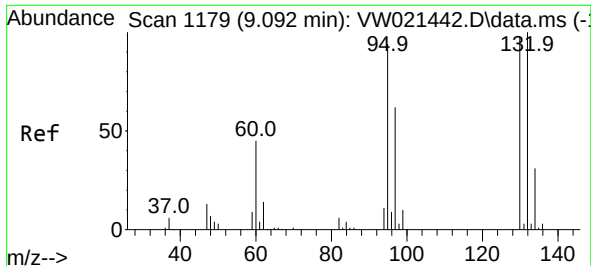
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_W
ClientSampleId :

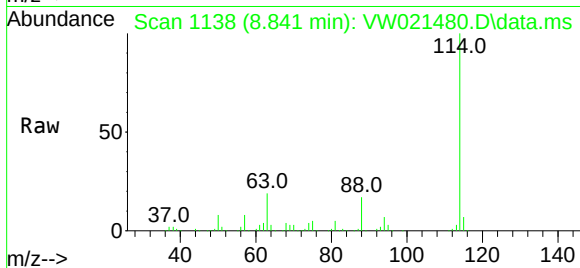
Quant Time: Dec 18 23:12:48 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Dec 18 00:55:20 2021
Response via : Initial Calibration



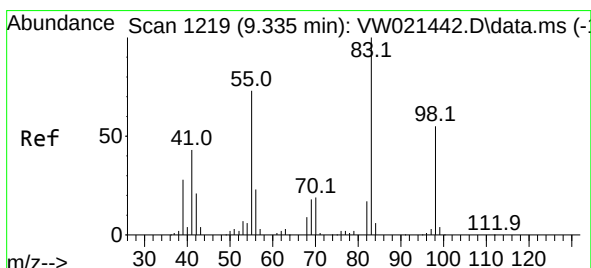
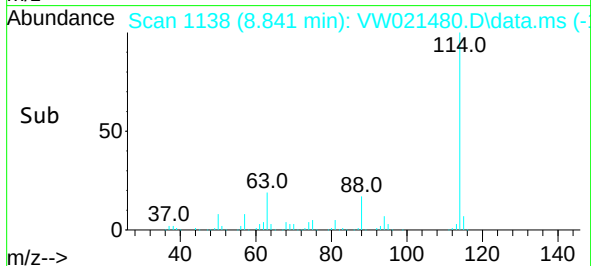
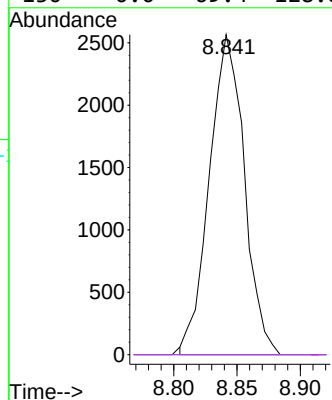


#34
Trichloroethene
Concen: 1.969 ug/L
RT: 8.841 min Scan# 1179
Delta R.T. -0.250 min
Lab File: VW021480.D
Acq: 18 Dec 2021 16:42

Instrument :
MSVOA_W
ClientSampleId :

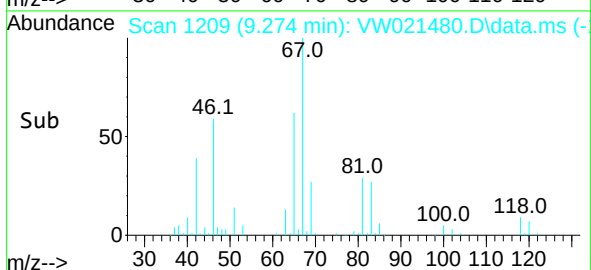
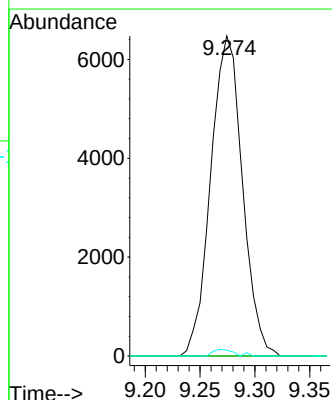
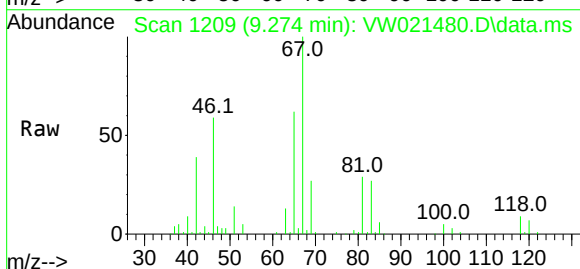


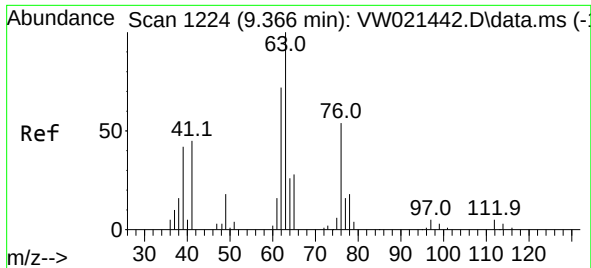
Tgt Ion: 95 Resp: 4918
Ion Ratio Lower Upper
95 100
97 0.0 47.0 87.2#
132 0.0 65.5 121.6#
130 0.0 69.4 128.8#



#35
Methylcyclohexane
Concen: 3.162 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW021480.D
Acq: 18 Dec 2021 16:42

Tgt Ion: 83 Resp: 13029
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: 3.160 ug/L

RT: 9.274 min Scan# 11

Delta R.T. -0.092 min

Lab File: VW021480.D

Acq: 18 Dec 2021 16:42

Instrument :

MSVOA_W

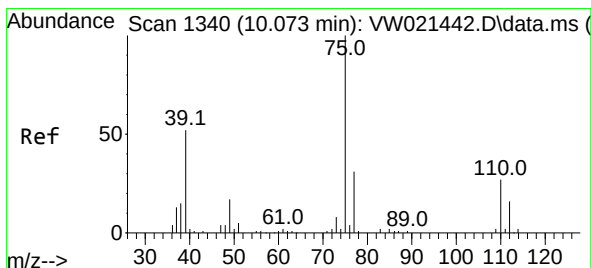
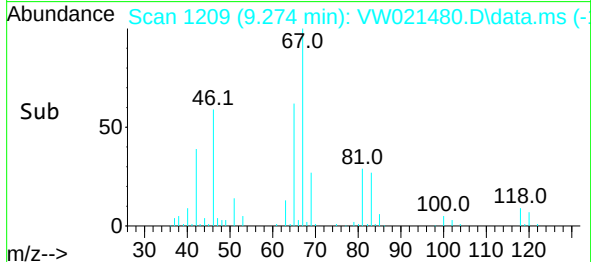
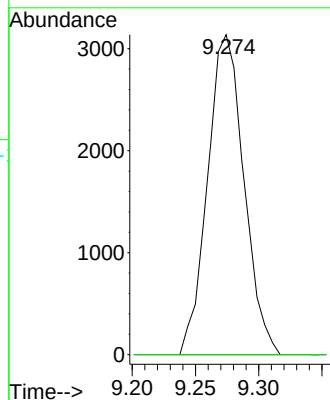
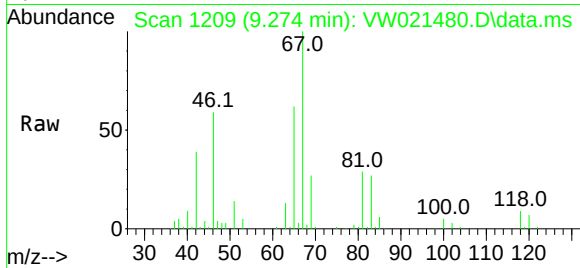
ClientSampleId :

Tgt Ion: 63 Resp: 6274

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.601 ug/L

RT: 10.036 min Scan# 1334

Delta R.T. -0.037 min

Lab File: VW021480.D

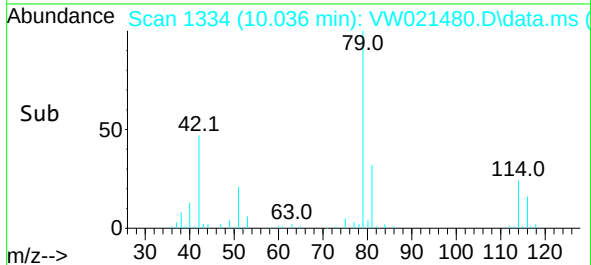
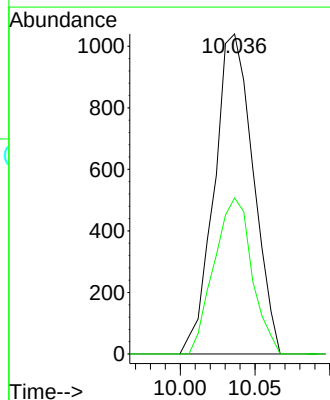
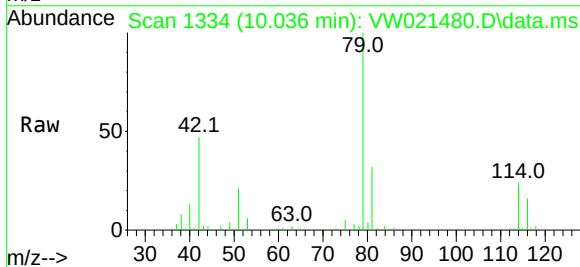
Acq: 18 Dec 2021 16:42

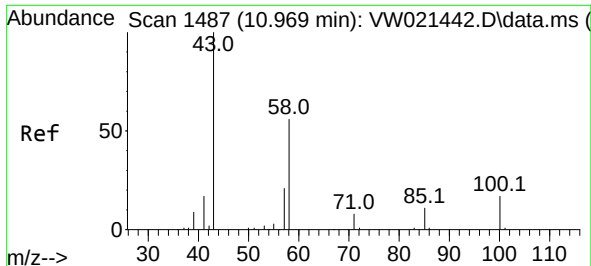
Tgt Ion: 75 Resp: 1882

Ion Ratio Lower Upper

75 100

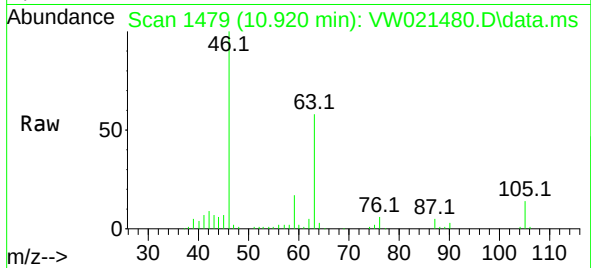
77 48.8 21.8 40.6#



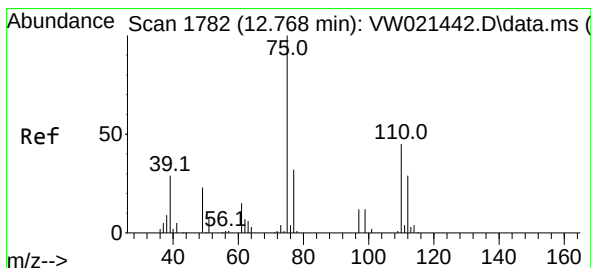
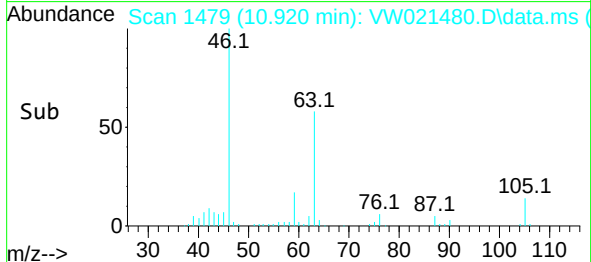
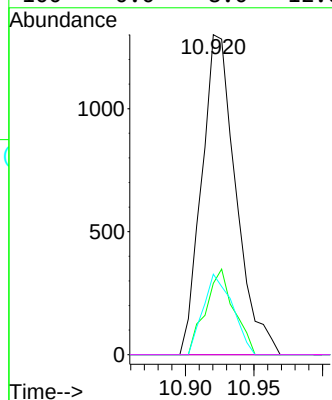


#48
2-Hexanone
Concen: 2.881 ug/L
RT: 10.920 min Scan# 1487
Delta R.T. -0.049 min
Lab File: VW021480.D
Acq: 18 Dec 2021 16:42

Instrument :
MSVOA_W
ClientSampleId :

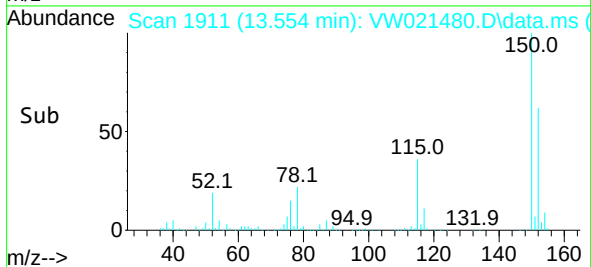
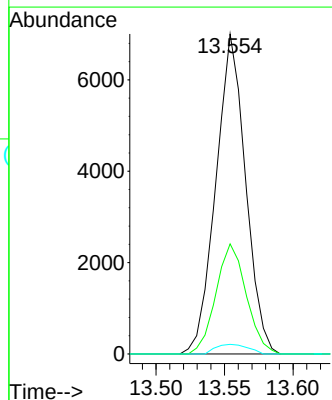
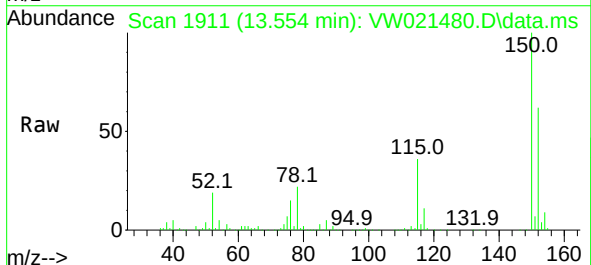


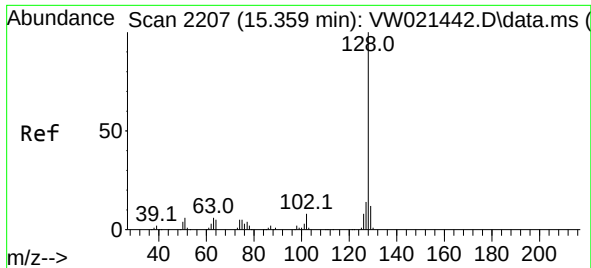
Tgt Ion: 43 Resp: 2260
Ion Ratio Lower Upper
43 100
58 22.1 40.2 60.2#
57 21.6 14.3 21.5#
100 0.0 8.0 12.0#



#61
1,2,3-Trichloropropane
Concen: 7.529 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.786 min
Lab File: VW021480.D
Acq: 18 Dec 2021 16:42

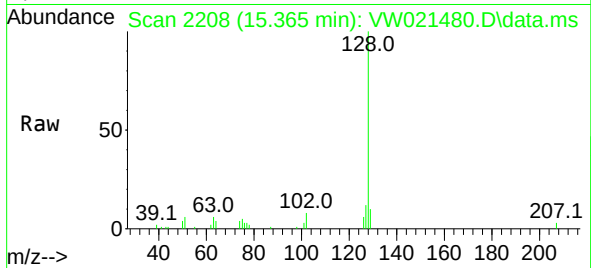
Tgt Ion: 75 Resp: 10555
Ion Ratio Lower Upper
75 100
77 35.2 25.8 38.8
110 3.3 29.0 43.4#





#71
Naphthalene
Concen: 1.464 ug/L
RT: 15.365 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW021480.D
Acq: 18 Dec 2021 16:42

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:128 Resp: 8826
Ion Ratio Lower Upper
128 100
127 12.7 10.7 16.1
129 11.7 8.6 12.8

