

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
 Data File : VW021479.D
 Acq On : 18 Dec 2021 16:18
 Operator : SY/VA
 Sample : M5154-07
 Misc : 6.29g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 18 23:12:42 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)

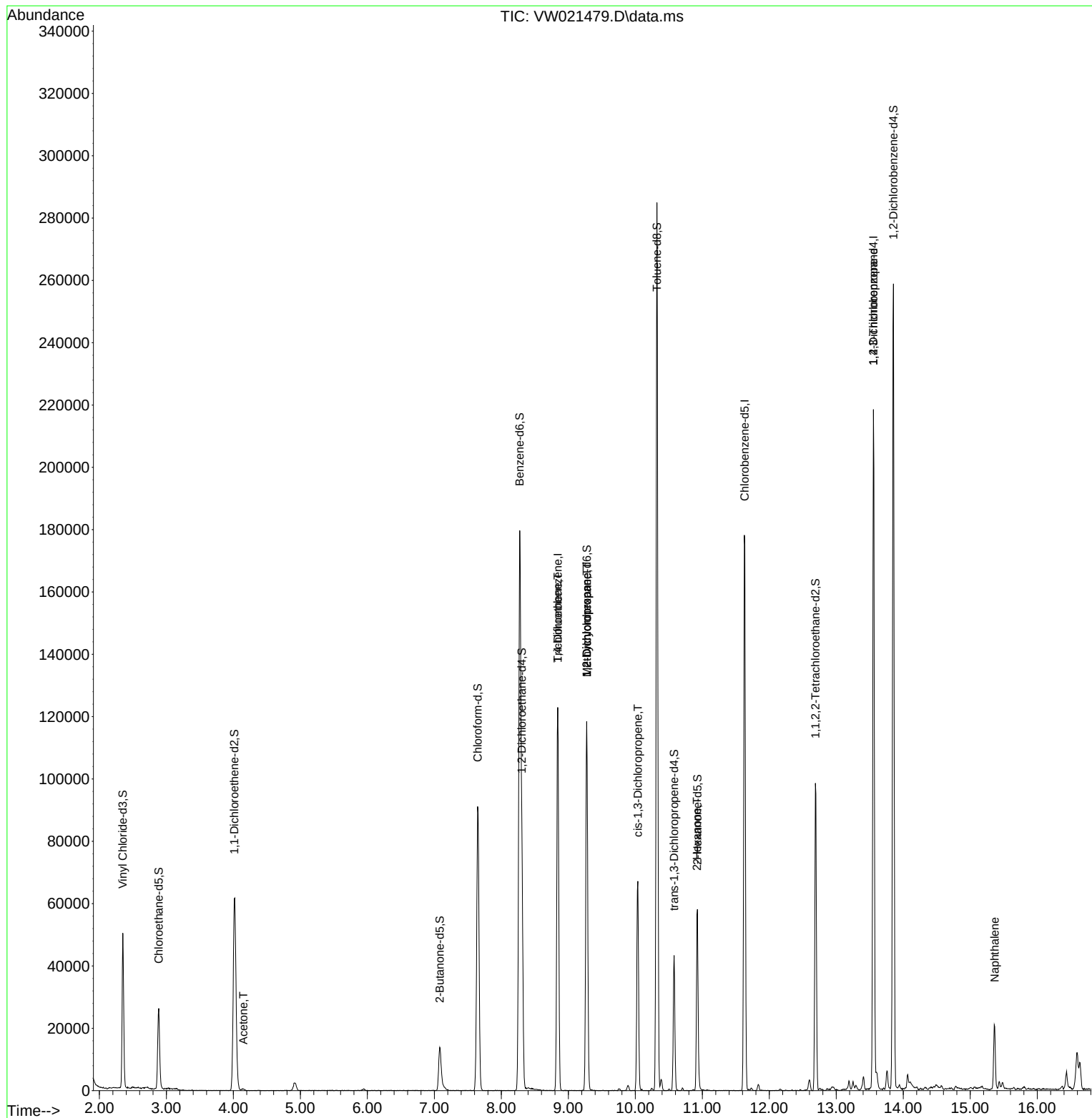
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	108663	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	103488	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	59473	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	48241	24.376	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.520%
7) Chloroethane-d5	2.885	69	29580	22.610	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.440%
11) 1,1-Dichloroethene-d2	4.013	63	60163	22.803	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.200%
21) 2-Butanone-d5	7.080	46	23260	83.379	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	166.760%#
24) Chloroform-d	7.647	84	92238	30.460	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	121.840%
26) 1,2-Dichloroethane-d4	8.305	65	55275	34.316	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	137.280%#
32) Benzene-d6	8.275	84	184783	32.575	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	130.280%
36) 1,2-Dichloropropane-d6	9.274	67	51707	33.989	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	135.960%#
41) Toluene-d8	10.323	98	183231	31.614	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	126.440%
43) trans-1,3-Dichloroprop...	10.579	79	22701	32.408	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	129.640%
47) 2-Hexanone-d5	10.927	63	19520	86.771	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	173.540%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	46002	35.176	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	140.720%#
66) 1,2-Dichlorobenzene-d4	13.853	152	67947	29.479	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	117.920%
Target Compounds	Qvalue					
13) Acetone	4.147	43	1201	4.802	ug/L	84
34) Trichloroethene	8.842	95	3285	2.076	ug/L	# 5
35) Methylcyclohexane	9.274	83	13901	5.325	ug/L	# 14
37) 1,2-Dichloropropane	9.274	63	6253	4.973	ug/L	# 88
39) cis-1,3-Dichloropropene	10.037	75	1862	0.939	ug/L	# 75
48) 2-Hexanone	10.921	43	2842	5.720	ug/L	# 70
61) 1,2,3-Trichloropropane	13.554	75	6094	7.041	ug/L	# 65
71) Naphthalene	15.365	128	18530	4.977	ug/L	99

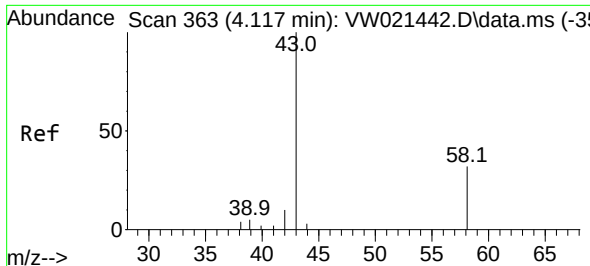
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021479.D
Acq On : 18 Dec 2021 16:18
Operator : SY/VA
Sample : M5154-07
Misc : 6.29g/10.0mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Dec 18 23:12:42 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





#13

Acetone

Concen: 4.802 ug/L

RT: 4.147 min Scan# 3

Delta R.T. 0.030 min

Lab File: VW021479.D

Acq: 18 Dec 2021 16:18

Instrument :

MSVOA_W

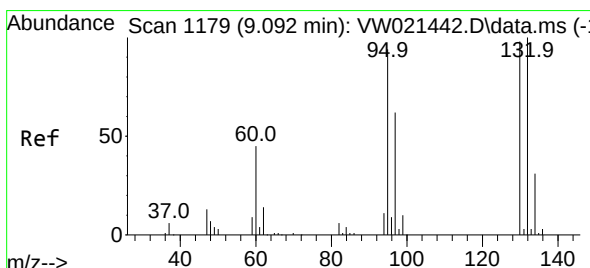
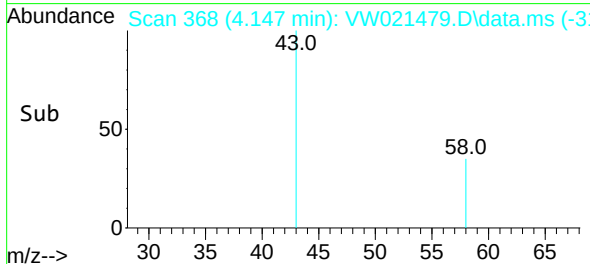
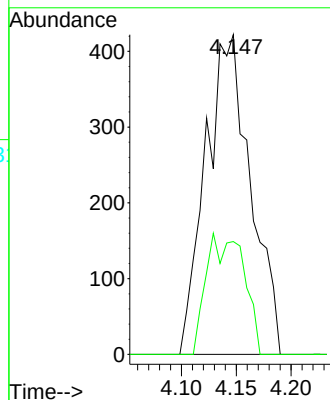
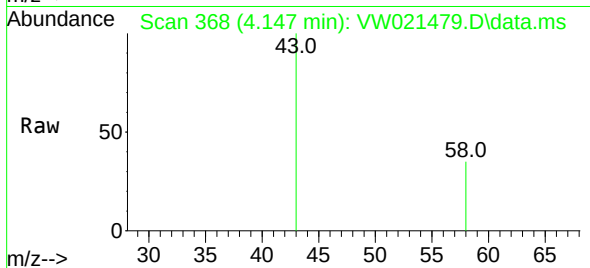
ClientSampleId :

Tgt Ion: 43 Resp: 1201

Ion Ratio Lower Upper

43 100

58 18.1 0.0 52.8



#34

Trichloroethene

Concen: 2.076 ug/L

RT: 8.842 min Scan# 1138

Delta R.T. -0.250 min

Lab File: VW021479.D

Acq: 18 Dec 2021 16:18

Tgt Ion: 95 Resp: 3285

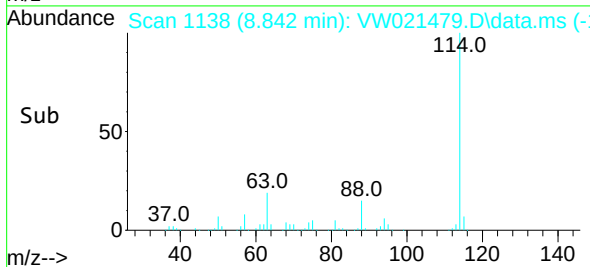
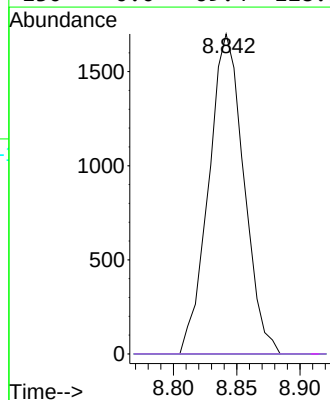
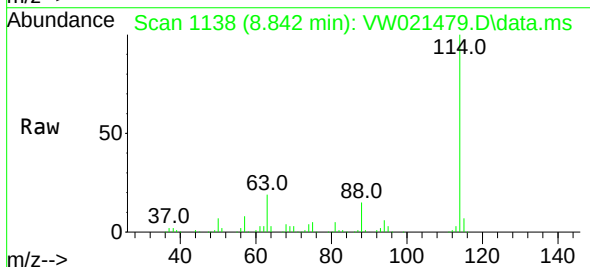
Ion Ratio Lower Upper

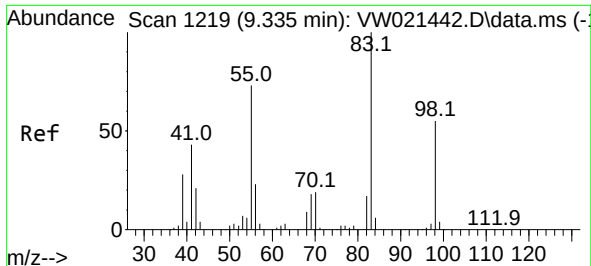
95 100

97 0.0 47.0 87.2#

132 0.0 65.5 121.6#

130 0.0 69.4 128.8#





#35

Methylcyclohexane

Concen: 5.325 ug/L

RT: 9.274 min Scan# 1209

Delta R.T. -0.061 min

Lab File: VW021479.D

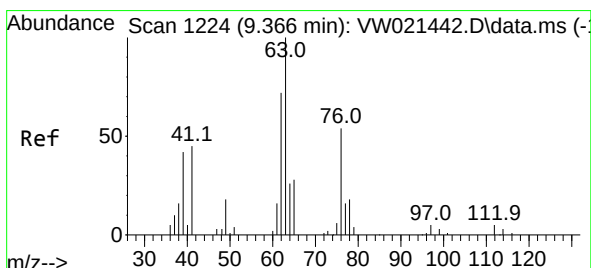
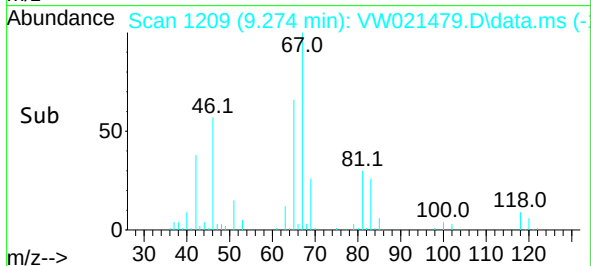
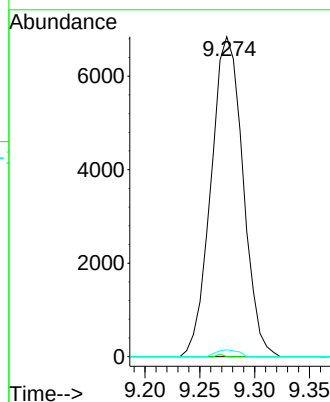
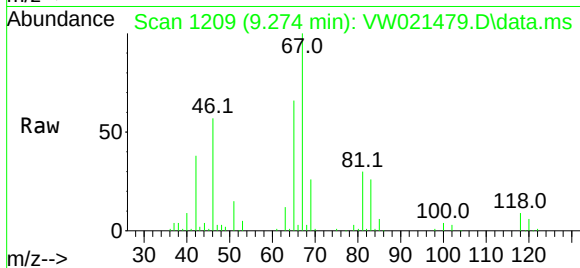
Acq: 18 Dec 2021 16:18

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 83	Resp: 13901
Ion Ratio	Lower Upper
83	100
55	0.0 70.8 106.2#
98	1.5 37.7 56.5#



#37

1,2-Dichloropropane

Concen: 4.973 ug/L

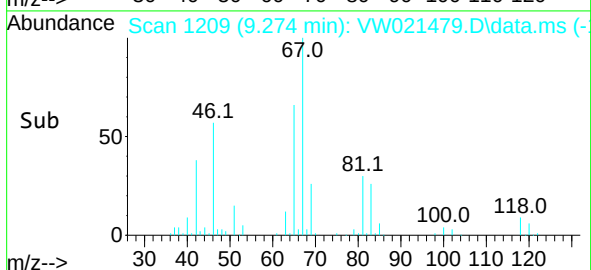
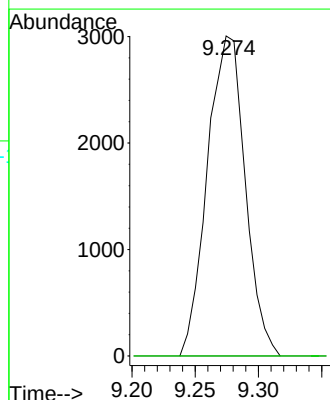
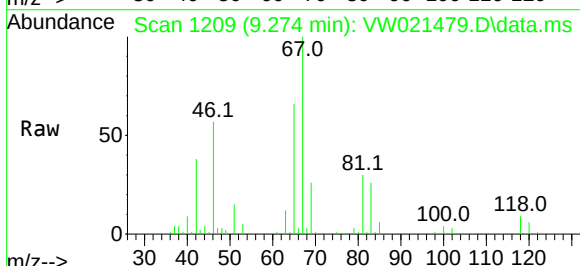
RT: 9.274 min Scan# 1209

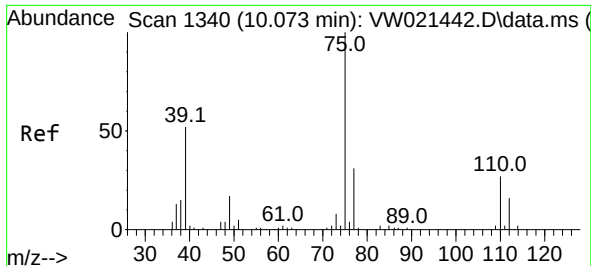
Delta R.T. -0.091 min

Lab File: VW021479.D

Acq: 18 Dec 2021 16:18

Tgt Ion: 63	Resp: 6253
Ion Ratio	Lower Upper
63	100
112	0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.939 ug/L

RT: 10.037 min Scan# 11

Delta R.T. -0.037 min

Lab File: VW021479.D

Acq: 18 Dec 2021 16:18

Instrument :

MSVOA_W

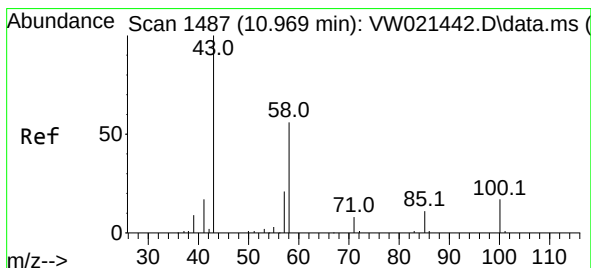
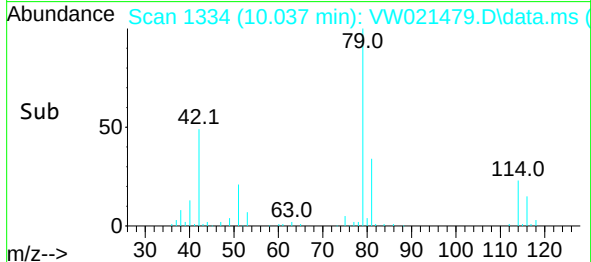
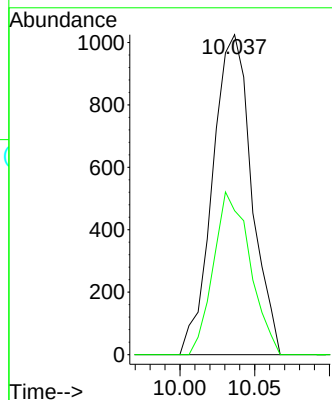
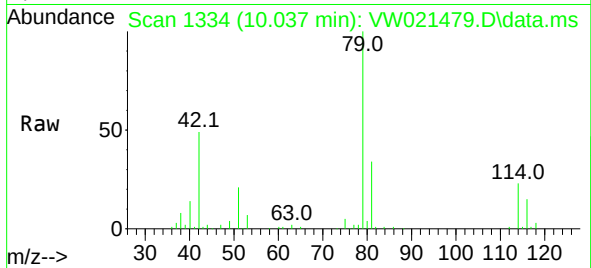
ClientSampleId :

Tgt Ion: 75 Resp: 1862

Ion Ratio Lower Upper

75 100

77 45.0 21.8 40.6#



#48

2-Hexanone

Concen: 5.720 ug/L

RT: 10.921 min Scan# 1479

Delta R.T. -0.049 min

Lab File: VW021479.D

Acq: 18 Dec 2021 16:18

Tgt Ion: 43 Resp: 2842

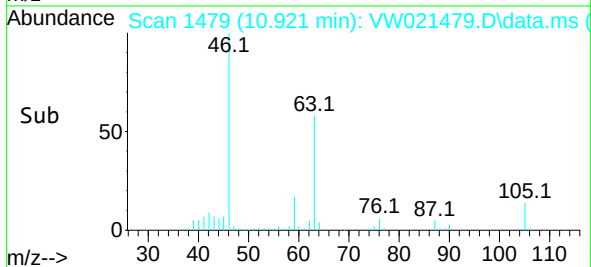
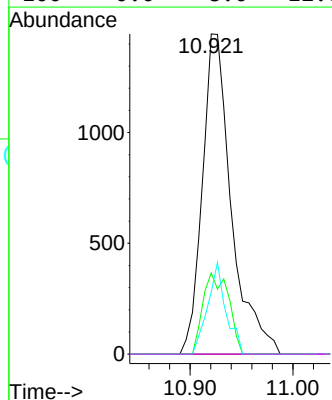
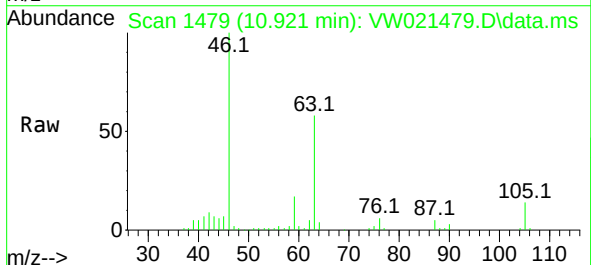
Ion Ratio Lower Upper

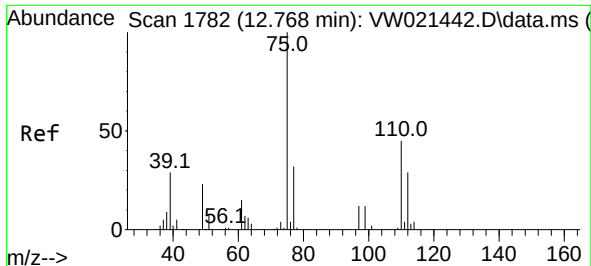
43 100

58 22.3 40.2 60.2#

57 18.1 14.3 21.5

100 0.0 8.0 12.0#





#61

1,2,3-Trichloropropane

Concen: 7.041 ug/L

RT: 13.554 min Scan# 1911

Delta R.T. 0.786 min

Lab File: VW021479.D

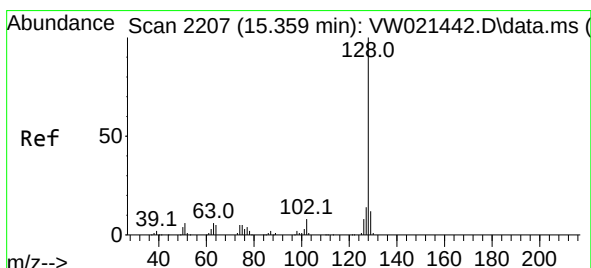
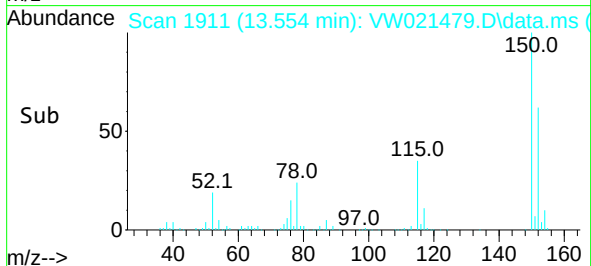
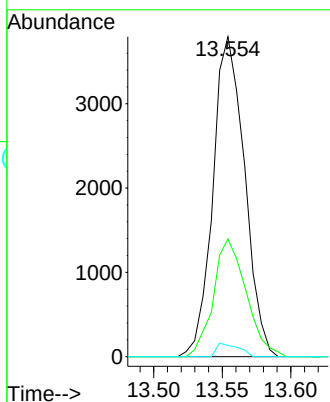
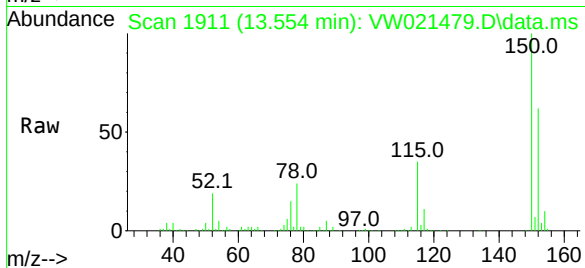
Acq: 18 Dec 2021 16:18

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 75	Resp: 6094
Ion Ratio	Lower Upper
75	100
77	38.2 25.8 38.8
110	2.9 29.0 43.4#



#71

Naphthalene

Concen: 4.977 ug/L

RT: 15.365 min Scan# 2208

Delta R.T. 0.006 min

Lab File: VW021479.D

Acq: 18 Dec 2021 16:18

Tgt Ion: 128	Resp: 18530
Ion Ratio	Lower Upper
128	100
127	13.9 10.7 16.1
129	10.4 8.6 12.8

