

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122121\
 Data File : VW021540.D
 Acq On : 21 Dec 2021 22:17
 Operator : SY/VA
 Sample : M5194-06
 Misc : 7.01g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 22 03:51:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 22 02:57:00 2021
 Response via : Initial Calibration

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

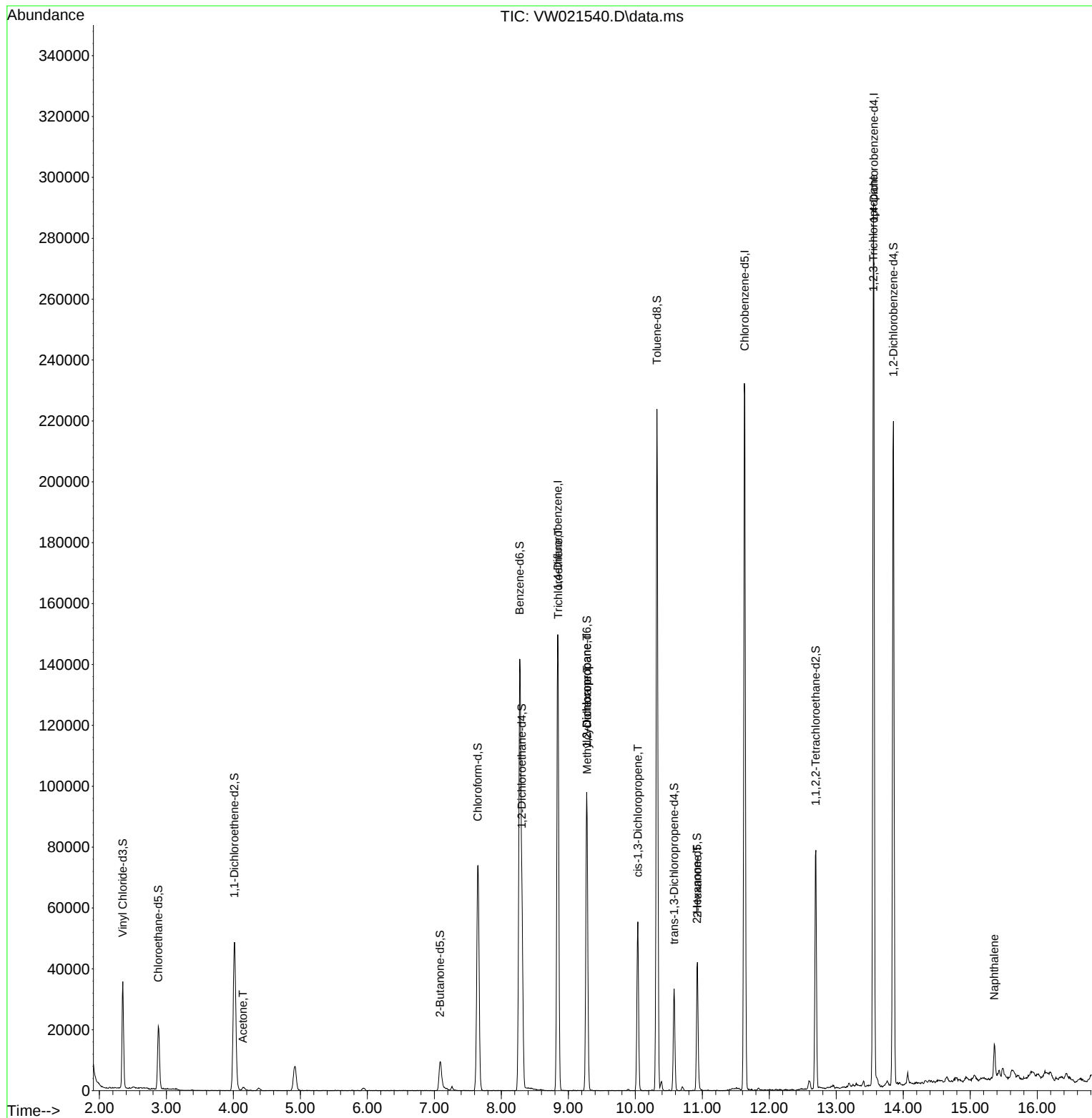
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	127219	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	134812	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	78075	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	34385	14.840	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.360%
7) Chloroethane-d5	2.879	69	23940	15.630	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.520%
11) 1,1-Dichloroethene-d2	4.013	63	46361	15.009	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.040%
21) 2-Butanone-d5	7.086	46	17011	52.084	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.160%
24) Chloroform-d	7.647	84	76497	21.577	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.320%
26) 1,2-Dichloroethane-d4	8.305	65	44363	23.524	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.080%
32) Benzene-d6	8.275	84	144519	19.557	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.240%
36) 1,2-Dichloropropane-d6	9.274	67	41920	21.153	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.600%
41) Toluene-d8	10.323	98	147068	19.479	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.920%
43) trans-1,3-Dichloroprop...	10.579	79	17681	19.376	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.520%
47) 2-Hexanone-d5	10.921	63	14728	50.257	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.520%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	35715	20.964	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.840%
66) 1,2-Dichlorobenzene-d4	13.853	152	58704	19.401	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	77.600%
Target Compounds					Qvalue	
13) Acetone	4.141	43	1318	4.502	ug/L	93
34) Trichloroethene	8.848	95	3934	1.908	ug/L	# 5
35) Methylcyclohexane	9.281	83	11278	3.316	ug/L	# 14
37) 1,2-Dichloropropane	9.274	63	5338	3.259	ug/L	# 88
39) cis-1,3-Dichloropropene	10.037	75	1609	0.623	ug/L	# 76
48) 2-Hexanone	10.927	43	1860	2.874	ug/L	# 69
61) 1,2,3-Trichloropropane	13.554	75	8271	7.279	ug/L	# 65
71) Naphthalene	15.359	128	10040	2.054	ug/L	# 95

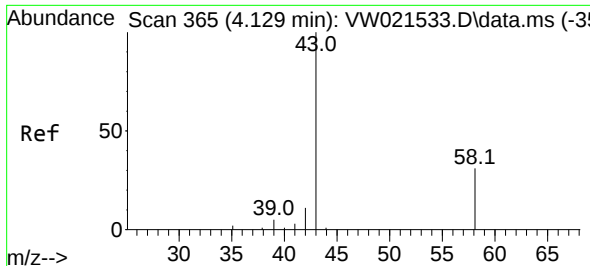
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122121\
Data File : VW021540.D
Acq On : 21 Dec 2021 22:17
Operator : SY/VA
Sample : M5194-06
Misc : 7.01g/10.0mL/MSVOA_W/SOIL
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Dec 22 03:51:50 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Dec 22 02:57:00 2021
Response via : Initial Calibration





#13

Acetone

Concen: 4.502 ug/L

RT: 4.141 min Scan# 3

Delta R.T. 0.012 min

Lab File: VW021540.D

Acq: 21 Dec 2021 22:17

Instrument :

MSVOA_W

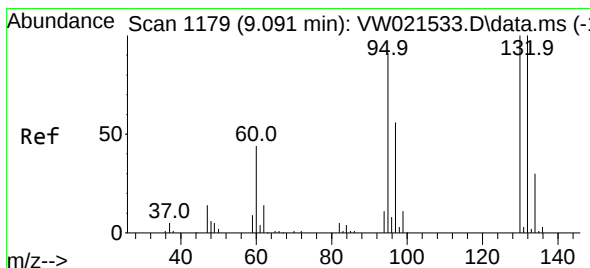
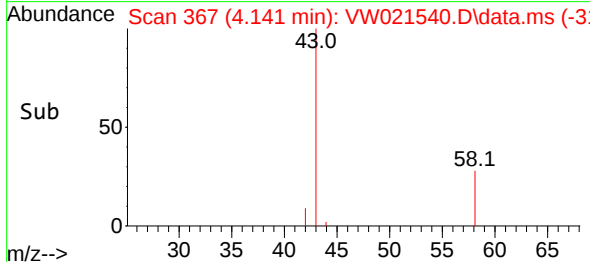
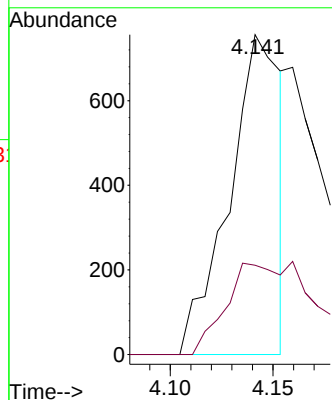
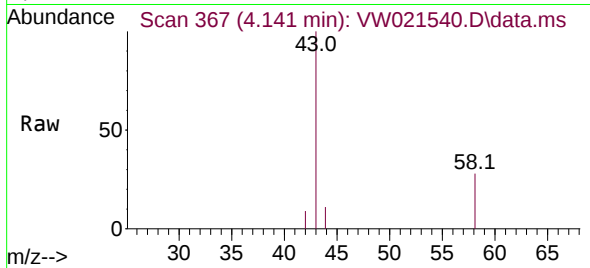
ClientSampleId :

Tgt Ion: 43 Resp: 1318

Ion Ratio Lower Upper

43 100

58 29.9 0.0 52.8



#34

Trichloroethene

Concen: 1.908 ug/L

RT: 8.848 min Scan# 1139

Delta R.T. -0.244 min

Lab File: VW021540.D

Acq: 21 Dec 2021 22:17

Tgt Ion: 95 Resp: 3934

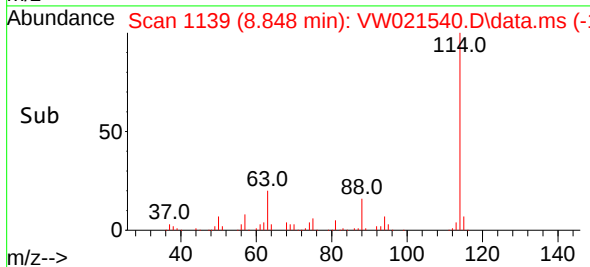
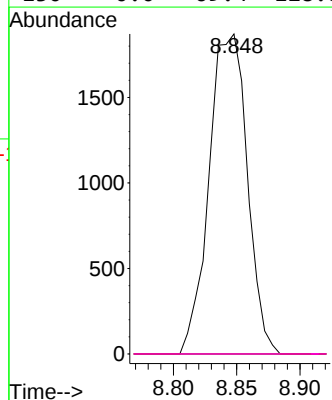
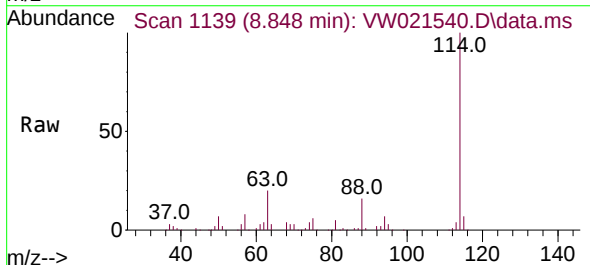
Ion Ratio Lower Upper

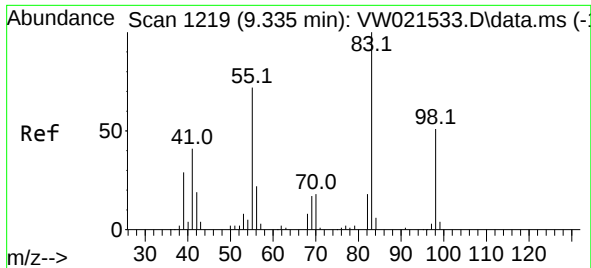
95 100

97 0.0 47.0 87.2#

132 0.0 65.5 121.6#

130 0.0 69.4 128.8#

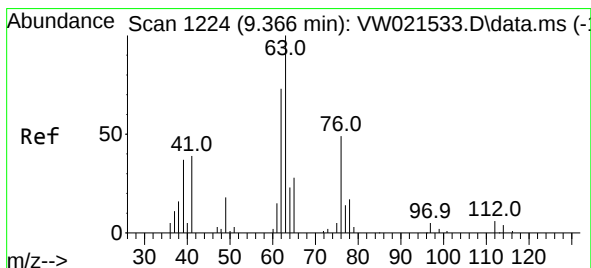
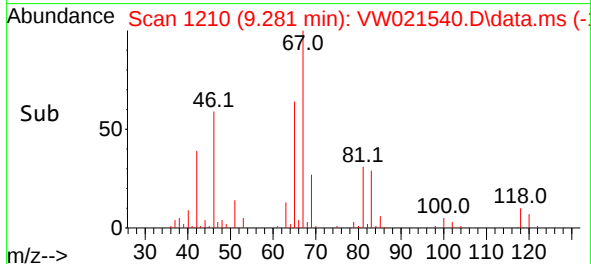
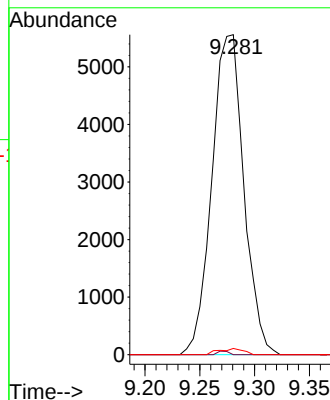
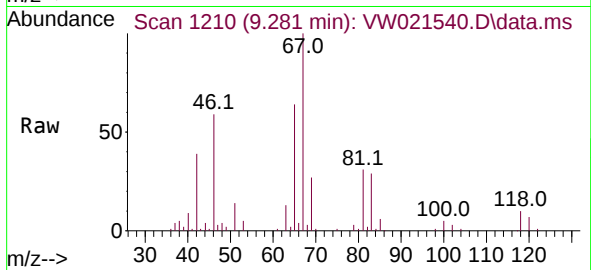




#35
Methylcyclohexane
Concen: 3.316 ug/L
RT: 9.281 min Scan# 11
Delta R.T. -0.055 min
Lab File: VW021540.D
Acq: 21 Dec 2021 22:17

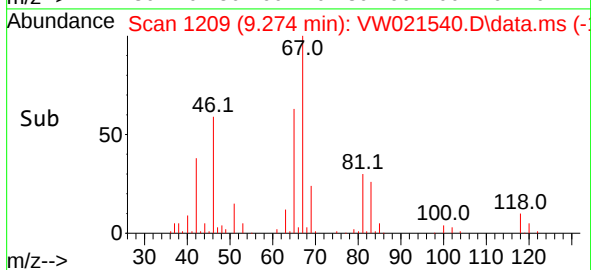
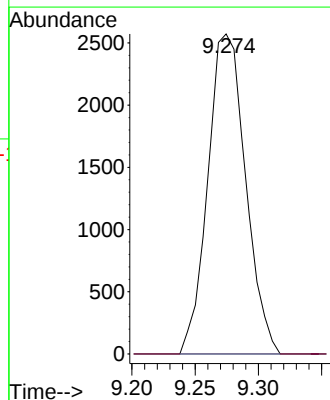
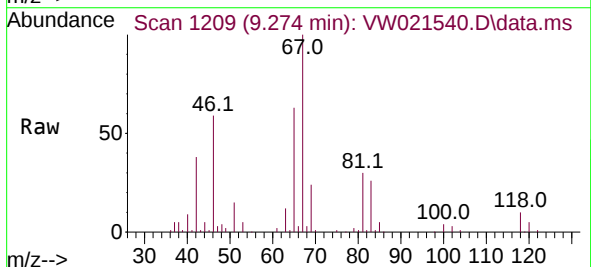
Instrument :
MSVOA_W
ClientSampleId :

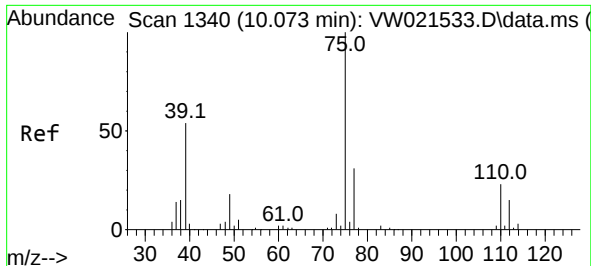
Tgt Ion: 83 Resp: 11278
Ion Ratio Lower Upper
83 100
55 0.0 70.8 106.2#
98 0.8 37.7 56.5#



#37
1,2-Dichloropropane
Concen: 3.259 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.091 min
Lab File: VW021540.D
Acq: 21 Dec 2021 22:17

Tgt Ion: 63 Resp: 5338
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.623 ug/L

RT: 10.037 min Scan# 11

Delta R.T. -0.036 min

Lab File: VW021540.D

Acq: 21 Dec 2021 22:17

Instrument :

MSVOA_W

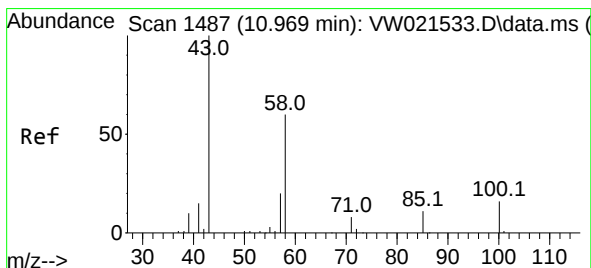
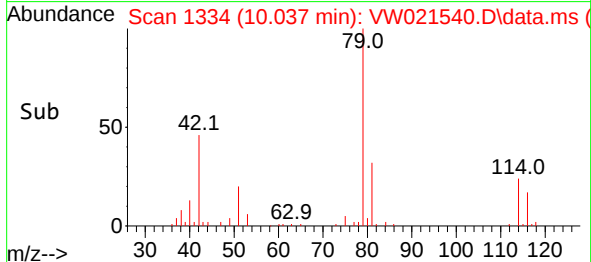
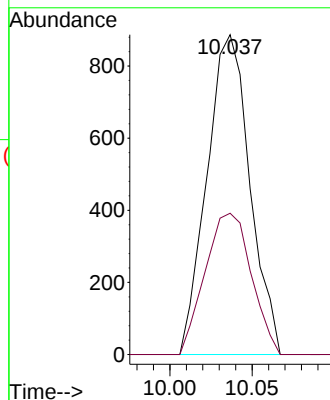
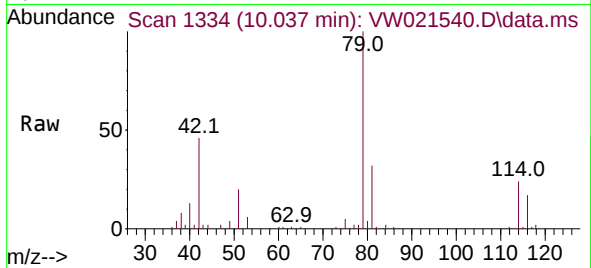
ClientSampleId :

Tgt Ion: 75 Resp: 1609

Ion Ratio Lower Upper

75 100

77 44.2 21.8 40.6#



#48

2-Hexanone

Concen: 2.874 ug/L

RT: 10.927 min Scan# 1480

Delta R.T. -0.043 min

Lab File: VW021540.D

Acq: 21 Dec 2021 22:17

Tgt Ion: 43 Resp: 1860

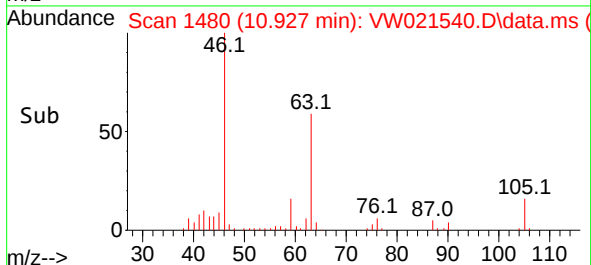
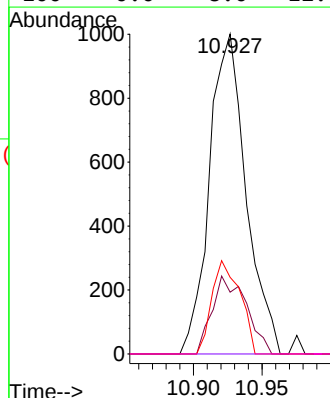
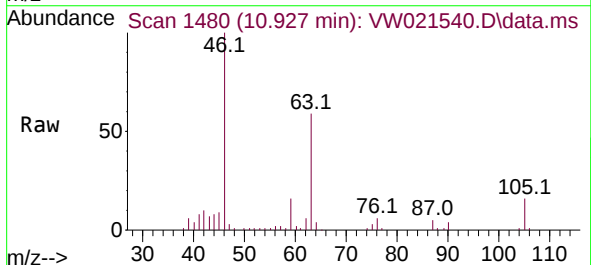
Ion Ratio Lower Upper

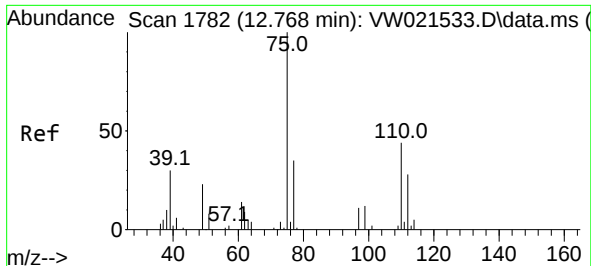
43 100

58 22.7 40.2 60.2#

57 22.5 14.3 21.5#

100 0.0 8.0 12.0#





#61

1,2,3-Trichloropropane

Concen: 7.279 ug/L

RT: 13.554 min Scan# 1911

Delta R.T. 0.787 min

Lab File: VW021540.D

Acq: 21 Dec 2021 22:17

Instrument :

MSVOA_W

ClientSampleId :

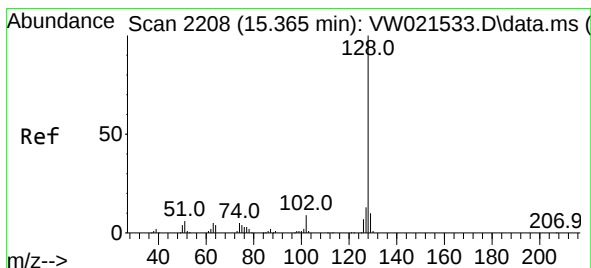
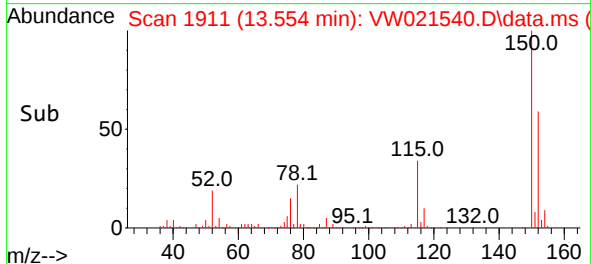
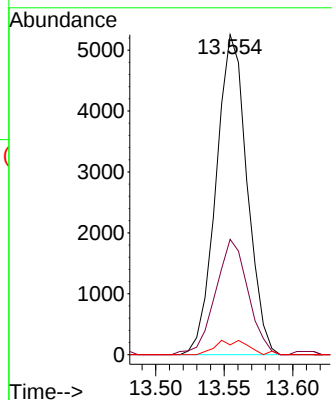
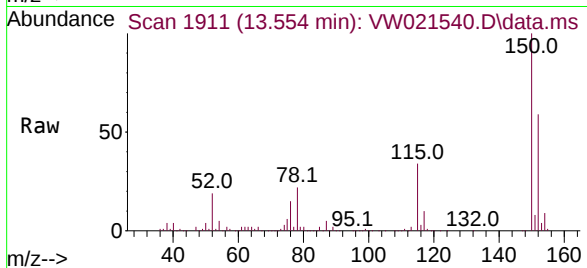
Tgt Ion: 75 Resp: 8271

Ion Ratio Lower Upper

75 100

77 37.8 25.8 38.8

110 2.4 29.0 43.4#



#71

Naphthalene

Concen: 2.054 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. -0.006 min

Lab File: VW021540.D

Acq: 21 Dec 2021 22:17

Tgt Ion: 128 Resp: 10040

Ion Ratio Lower Upper

128 100

127 14.7 10.7 16.1

129 13.0 8.6 12.8#

