

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122121\
 Data File : VW021548.D
 Acq On : 22 Dec 2021 01:29
 Operator : SY/VA
 Sample : M5194-15
 Misc : 5.98g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 22 03:53:17 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)

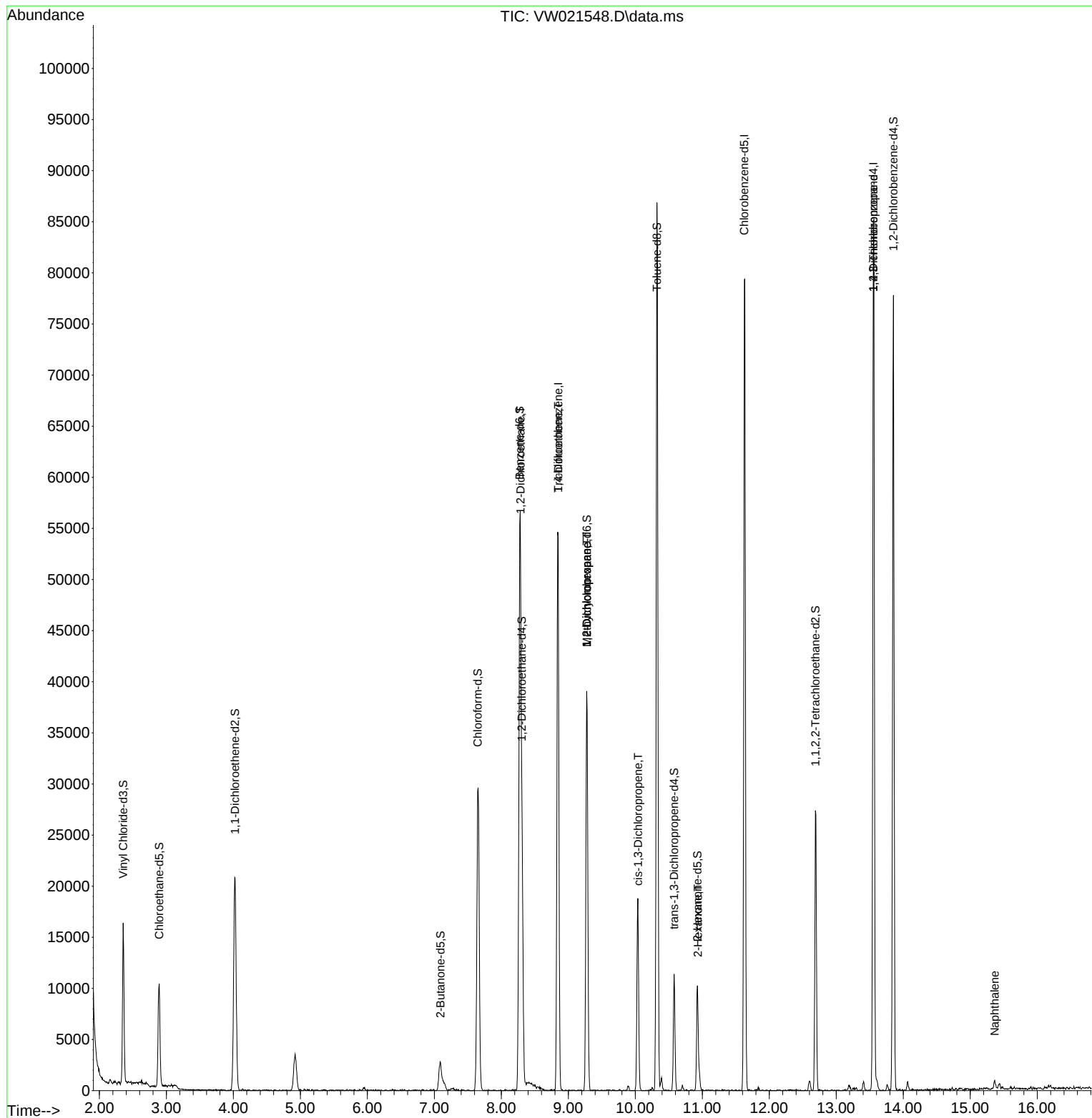
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	48527	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	45686	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	24367	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	14189	16.055	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.200%
7) Chloroethane-d5	2.891	69	11373	19.466	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.880%
11) 1,1-Dichloroethene-d2	4.025	63	19478	16.531	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.120%
21) 2-Butanone-d5	7.092	46	5133	41.202	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.400%
24) Chloroform-d	7.647	84	30363	22.452	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.800%
26) 1,2-Dichloroethane-d4	8.305	65	17638	24.519	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.080%
32) Benzene-d6	8.275	84	57536	22.976	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.920%
36) 1,2-Dichloropropane-d6	9.274	67	16730	24.911	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.640%
41) Toluene-d8	10.323	98	57981	22.661	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.640%
43) trans-1,3-Dichloroprop...	10.579	79	5990	19.370	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.480%
47) 2-Hexanone-d5	10.927	63	3591	36.159	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.320%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	12809	22.186	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.760%
66) 1,2-Dichlorobenzene-d4	13.853	152	20611	21.825	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.320%
Target Compounds						Qvalue
27) 1,2-Dichloroethane	8.287	62	409	0.544	ug/L	# 77
34) Trichloroethene	8.848	95	1441	2.063	ug/L	# 5
35) Methylcyclohexane	9.274	83	4459	3.869	ug/L	# 14
37) 1,2-Dichloropropane	9.274	63	2092	3.768	ug/L	# 88
39) cis-1,3-Dichloropropene	10.043	75	559	0.639	ug/L	# 85
48) 2-Hexanone	10.933	43	488	2.225	ug/L	# 62
61) 1,2,3-Trichloropropane	13.554	75	2706	7.630	ug/L	# 66
71) Naphthalene	15.365	128	1215	0.797	ug/L	# 74

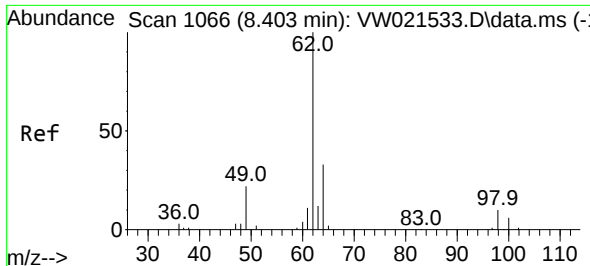
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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





#27

1,2-Dichloroethane

Concen: 0.544 ug/L

RT: 8.287 min Scan# 1107

Delta R.T. -0.116 min

Lab File: VW021548.D

Acq: 22 Dec 2021 01:29

Instrument :

MSVOA_W

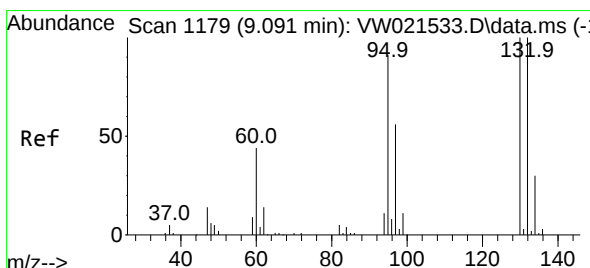
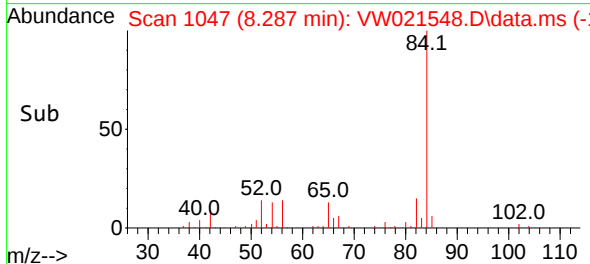
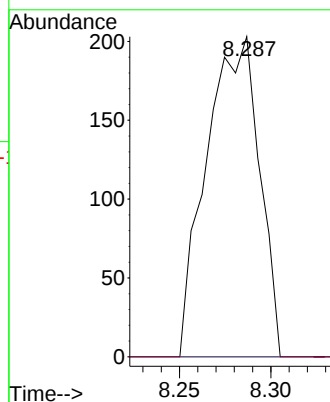
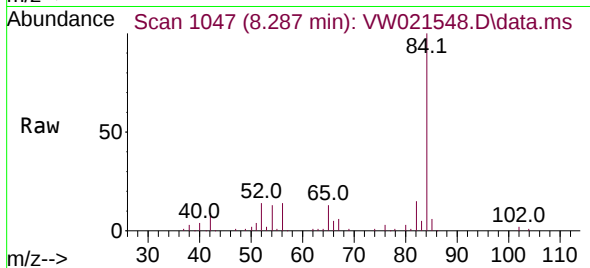
ClientSampleId :

Tgt Ion: 62 Resp: 409

Ion Ratio Lower Upper

62 100

98 0.0 6.5 9.7#



#34

Trichloroethene

Concen: 2.063 ug/L

RT: 8.848 min Scan# 1139

Delta R.T. -0.244 min

Lab File: VW021548.D

Acq: 22 Dec 2021 01:29

Tgt Ion: 95 Resp: 1441

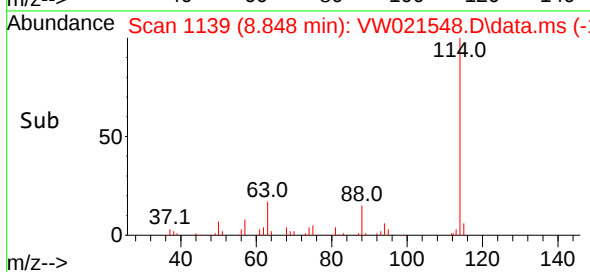
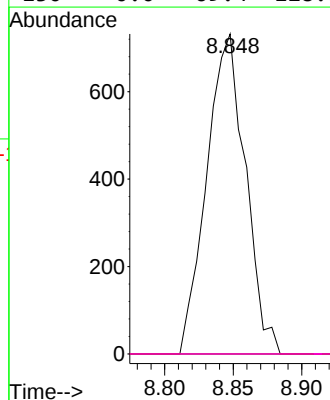
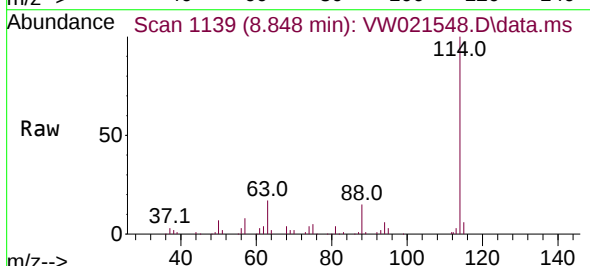
Ion Ratio Lower Upper

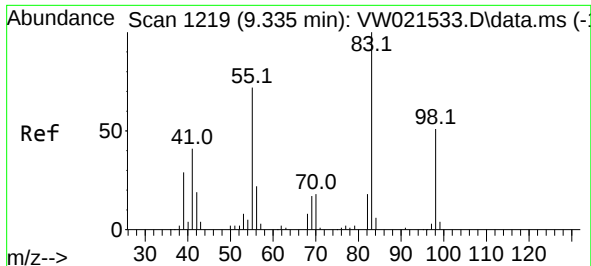
95 100

97 0.0 47.0 87.2#

132 0.0 65.5 121.6#

130 0.0 69.4 128.8#





#35

Methylcyclohexane

Concen: 3.869 ug/L

RT: 9.274 min Scan# 1209

Delta R.T. -0.061 min

Lab File: VW021548.D

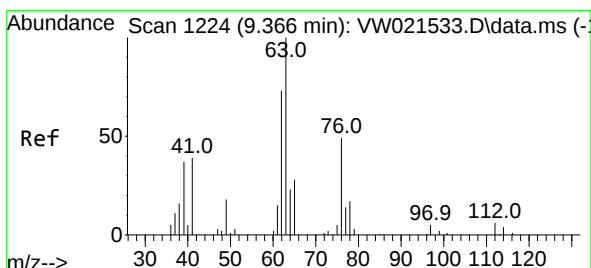
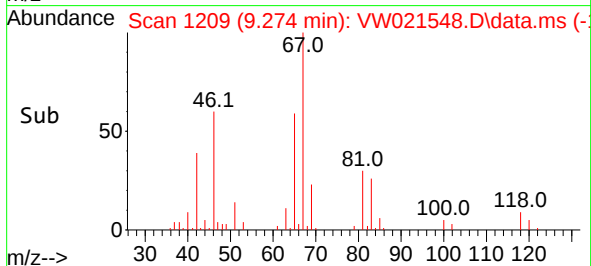
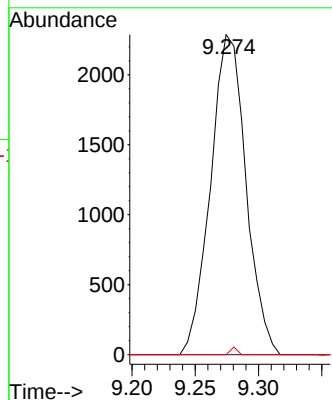
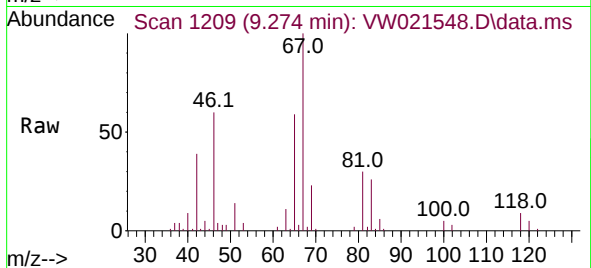
Acq: 22 Dec 2021 01:29

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 83	Resp: 4459
Ion Ratio	Lower Upper
83	100
55	0.0 70.8 106.2#
98	0.0 37.7 56.5#



#37

1,2-Dichloropropane

Concen: 3.768 ug/L

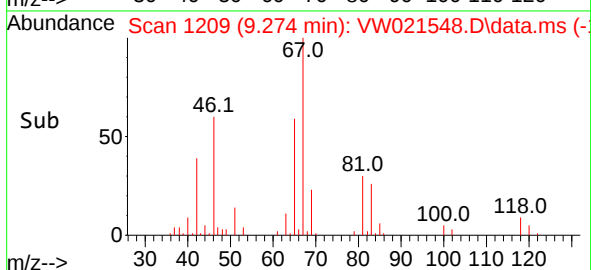
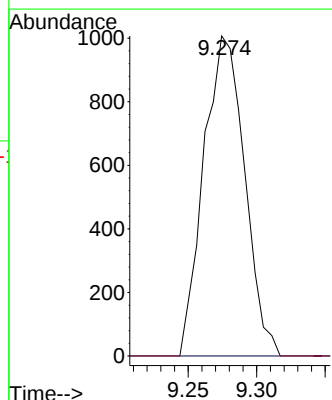
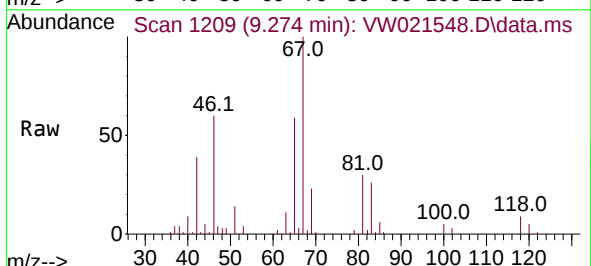
RT: 9.274 min Scan# 1209

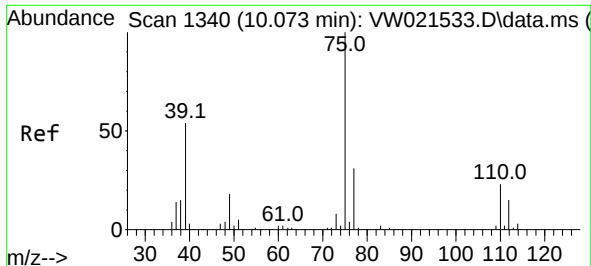
Delta R.T. -0.091 min

Lab File: VW021548.D

Acq: 22 Dec 2021 01:29

Tgt Ion: 63	Resp: 2092
Ion Ratio	Lower Upper
63	100
112	0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.639 ug/L

RT: 10.043 min Scan# 11

Delta R.T. -0.030 min

Lab File: VW021548.D

Acq: 22 Dec 2021 01:29

Instrument :

MSVOA_W

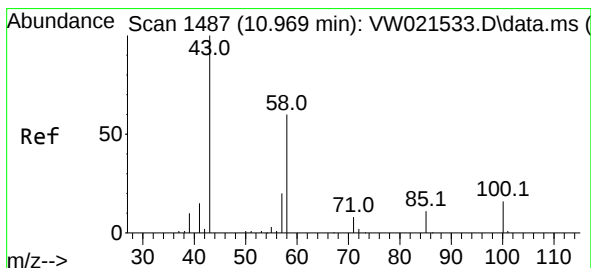
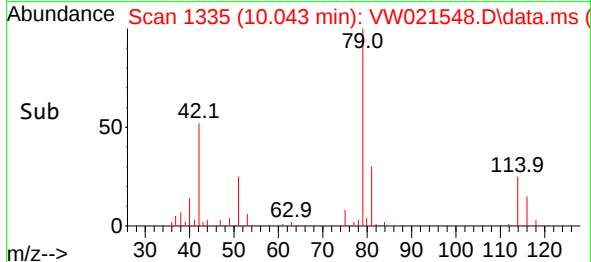
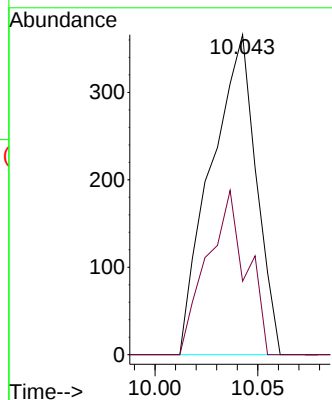
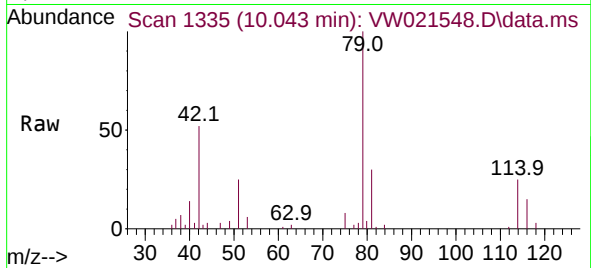
ClientSampleId :

Tgt Ion: 75 Resp: 559

Ion Ratio Lower Upper

75 100

77 23.0 21.8 40.6



#48

2-Hexanone

Concen: 2.225 ug/L

RT: 10.933 min Scan# 1481

Delta R.T. -0.037 min

Lab File: VW021548.D

Acq: 22 Dec 2021 01:29

Tgt Ion: 43 Resp: 488

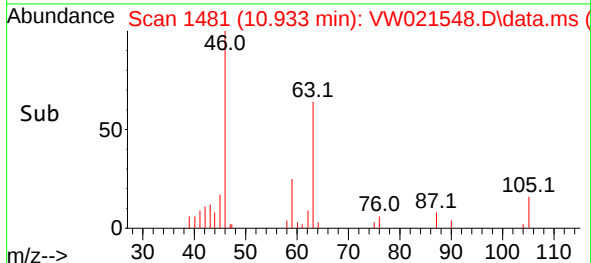
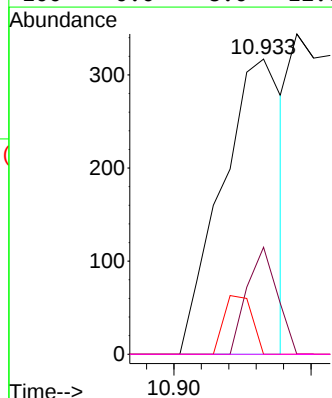
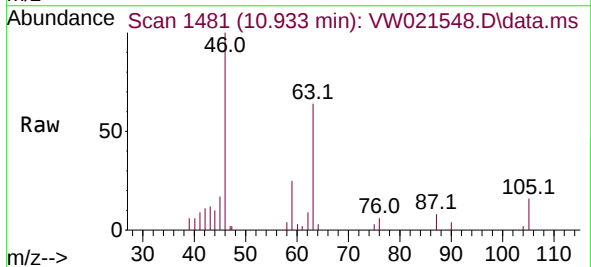
Ion Ratio Lower Upper

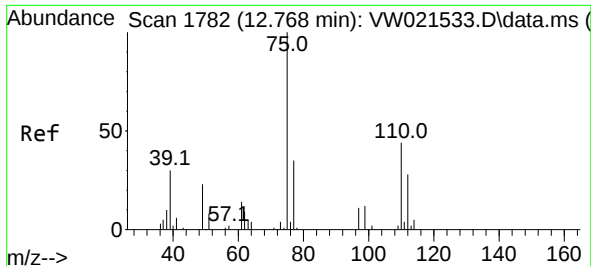
43 100

58 18.2 40.2 60.2#

57 9.2 14.3 21.5#

100 0.0 8.0 12.0#





#61

1,2,3-Trichloropropane

Concen: 7.630 ug/L

RT: 13.554 min Scan# 1911

Delta R.T. 0.786 min

Lab File: VW021548.D

Acq: 22 Dec 2021 01:29

Instrument :

MSVOA_W

ClientSampleId :

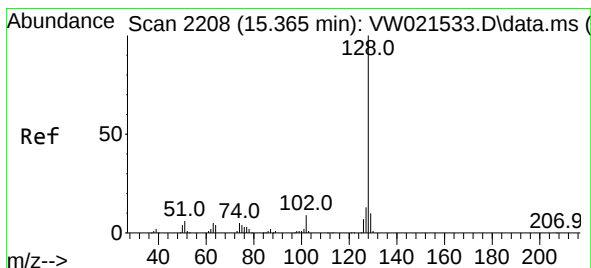
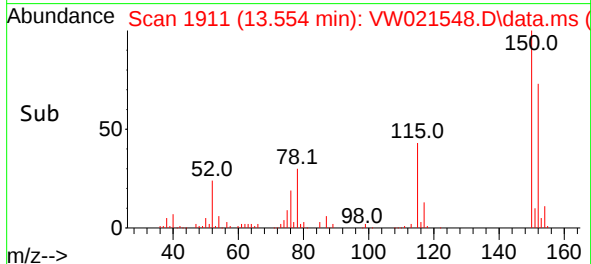
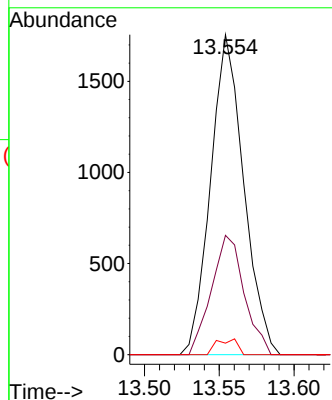
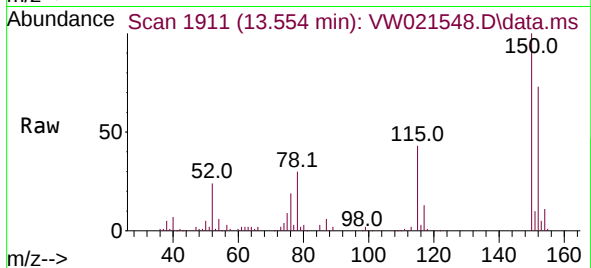
Tgt Ion: 75 Resp: 2706

Ion Ratio Lower Upper

75 100

77 36.8 25.8 38.8

110 3.1 29.0 43.4#



#71

Naphthalene

Concen: 0.797 ug/L

RT: 15.365 min Scan# 2208

Delta R.T. 0.000 min

Lab File: VW021548.D

Acq: 22 Dec 2021 01:29

Tgt Ion: 128 Resp: 1215

Ion Ratio Lower Upper

128 100

127 0.0 10.7 16.1#

129 4.1 8.6 12.8#

