

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122121\
 Data File : VW021547.D
 Acq On : 22 Dec 2021 01:05
 Operator : SY/VA
 Sample : M5194-13
 Misc : 7.07g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 22 03:53:06 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)

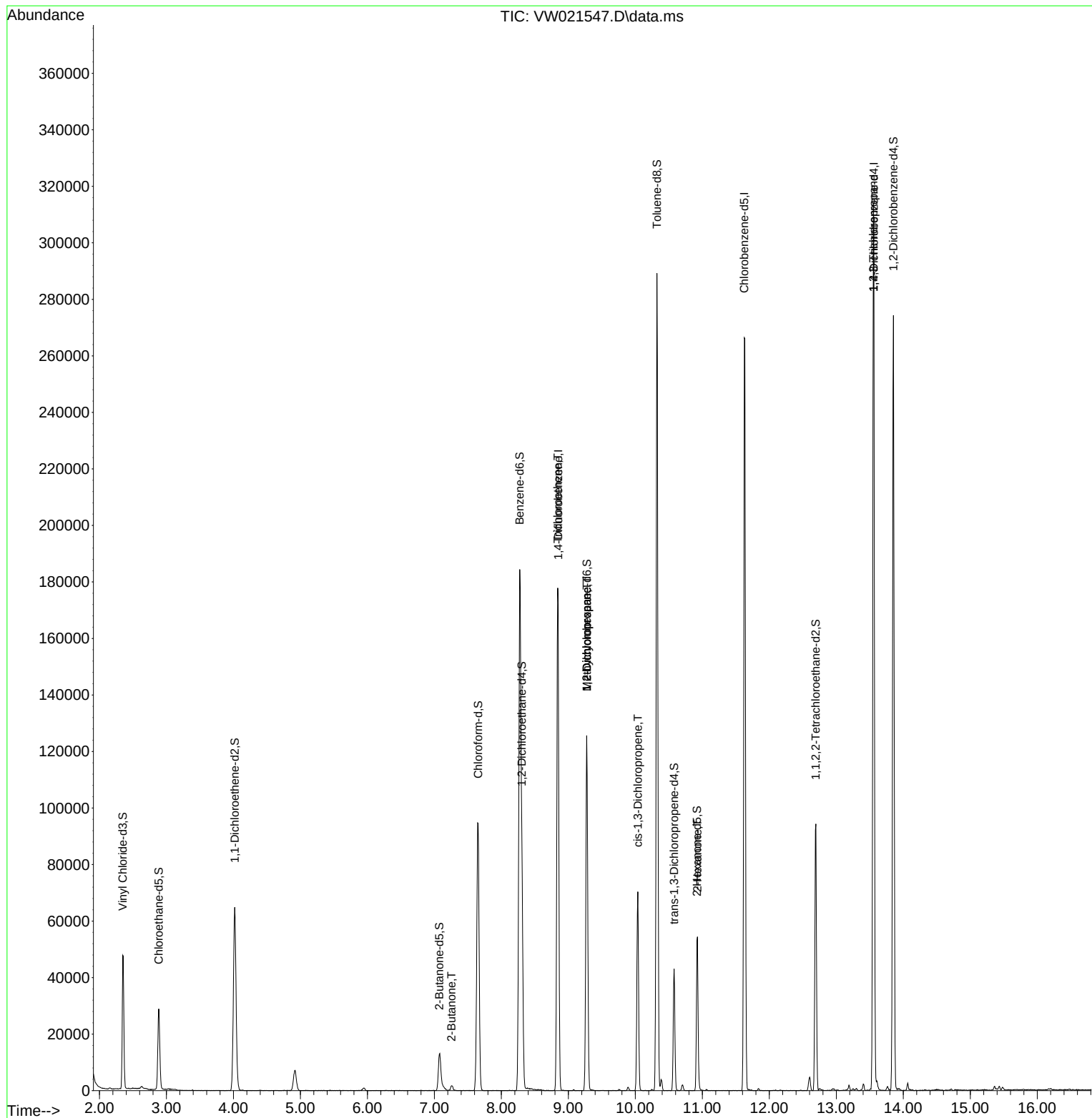
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	157861	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	156153	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	86236	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	46239	16.083	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.320%
7) Chloroethane-d5	2.885	69	32393	17.043	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.160%
11) 1,1-Dichloroethene-d2	4.019	63	60449	15.771	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.080%
21) 2-Butanone-d5	7.074	46	22414	55.306	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.620%
24) Chloroform-d	7.653	84	96832	22.011	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.040%
26) 1,2-Dichloroethane-d4	8.305	65	55952	23.910	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.640%
32) Benzene-d6	8.275	84	187008	21.848	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.400%
36) 1,2-Dichloropropane-d6	9.274	67	52419	22.836	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.360%
41) Toluene-d8	10.323	98	186111	21.281	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.120%
43) trans-1,3-Dichloroprop...	10.579	79	23165	21.917	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.680%
47) 2-Hexanone-d5	10.920	63	18442	54.330	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.660%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	43689	22.140	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.560%
66) 1,2-Dichlorobenzene-d4	13.853	152	71580	21.418	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.680%
Target Compounds						
					Qvalue	
22) 2-Butanone	7.256	43	3000	6.323	ug/L #	52
34) Trichloroethene	8.841	95	4674	1.957	ug/L #	5
35) Methylcyclohexane	9.274	83	13934	3.537	ug/L #	14
37) 1,2-Dichloropropane	9.274	63	6847	3.609	ug/L #	88
39) cis-1,3-Dichloropropene	10.036	75	2111	0.706	ug/L #	76
48) 2-Hexanone	10.927	43	2433	3.245	ug/L #	67
61) 1,2,3-Trichloropropane	13.554	75	9861	7.857	ug/L #	68

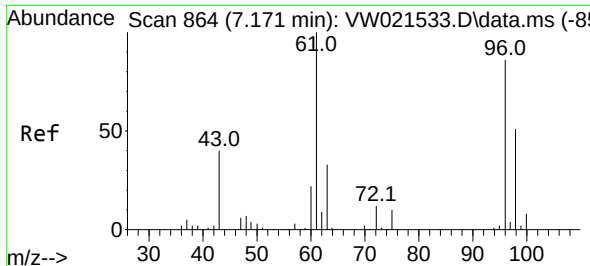
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

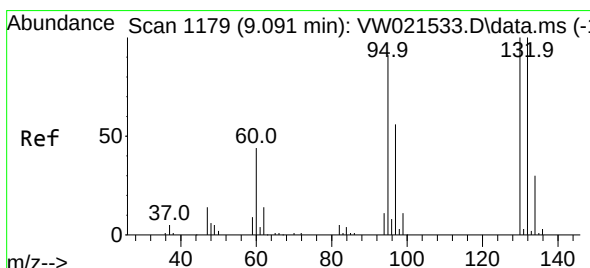
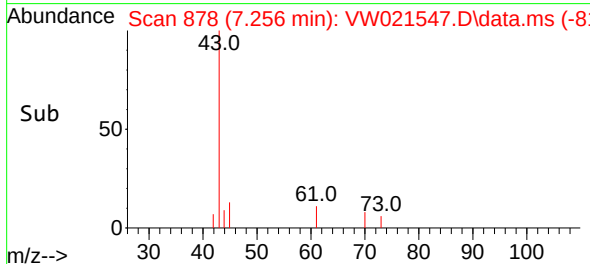
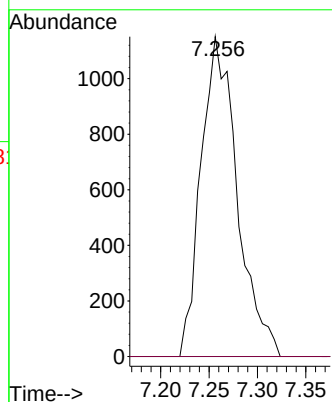
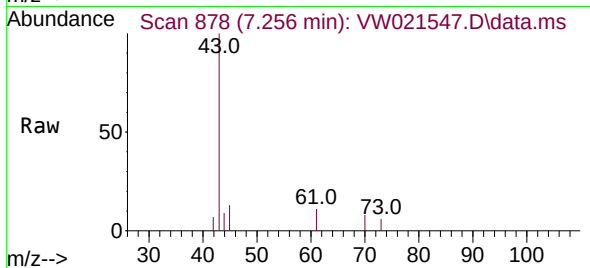




#22
2-Butanone
Concen: 6.323 ug/L
RT: 7.256 min Scan# 81
Delta R.T. 0.085 min
Lab File: VW021547.D
Acq: 22 Dec 2021 01:05

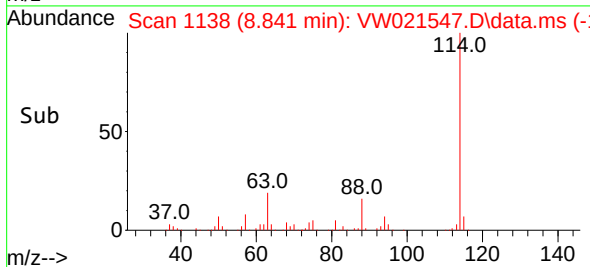
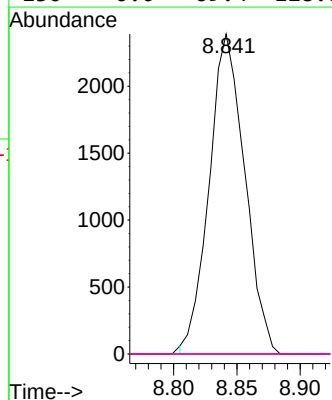
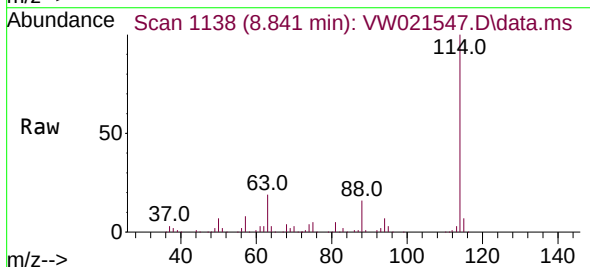
Instrument :
MSVOA_W
ClientSampleId :

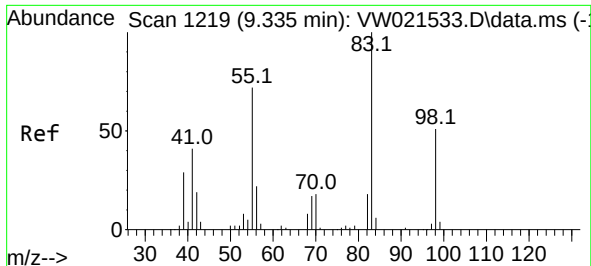
Tgt Ion: 43 Resp: 3000
Ion Ratio Lower Upper
43 100
72 0.0 11.8 35.4#



#34
Trichloroethene
Concen: 1.957 ug/L
RT: 8.841 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW021547.D
Acq: 22 Dec 2021 01:05

Tgt Ion: 95 Resp: 4674
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#

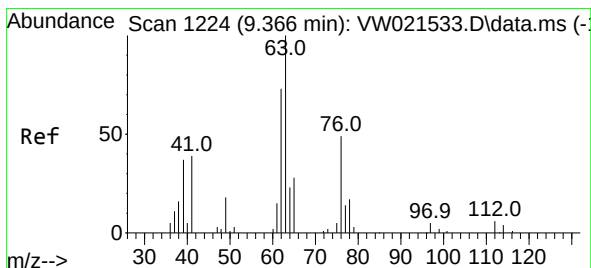
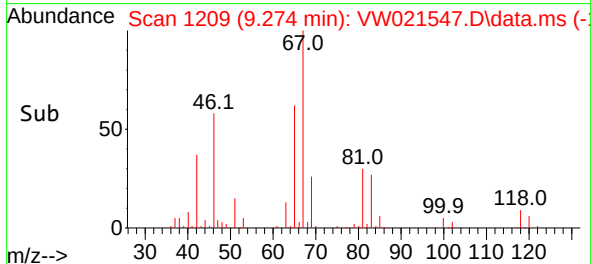
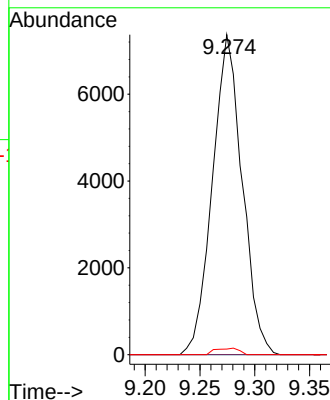
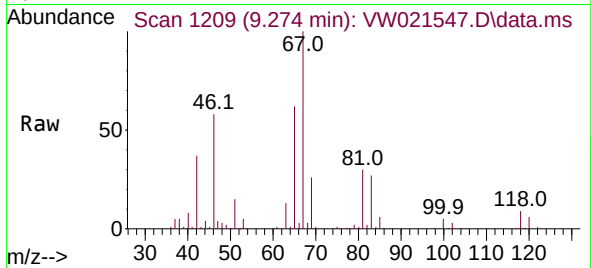




#35
Methylcyclohexane
Concen: 3.537 ug/L
RT: 9.274 min Scan# 11
Delta R.T. -0.061 min
Lab File: VW021547.D
Acq: 22 Dec 2021 01:05

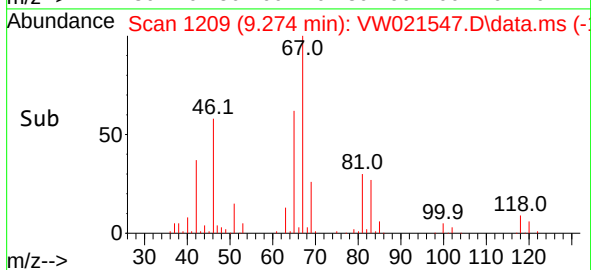
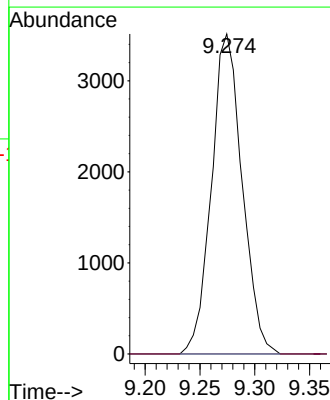
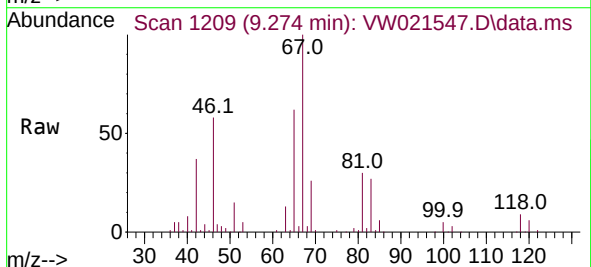
Instrument :
MSVOA_W
ClientSampleId :

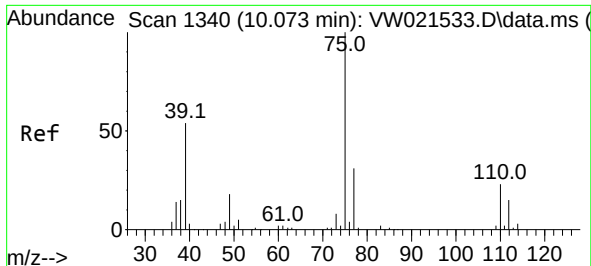
Tgt Ion: 83 Resp: 13934
Ion Ratio Lower Upper
83 100
55 0.0 70.8 106.2#
98 1.0 37.7 56.5#



#37
1,2-Dichloropropane
Concen: 3.609 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.091 min
Lab File: VW021547.D
Acq: 22 Dec 2021 01:05

Tgt Ion: 63 Resp: 6847
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.706 ug/L

RT: 10.036 min Scan# 11

Delta R.T. -0.037 min

Lab File: VW021547.D

Acq: 22 Dec 2021 01:05

Instrument :

MSVOA_W

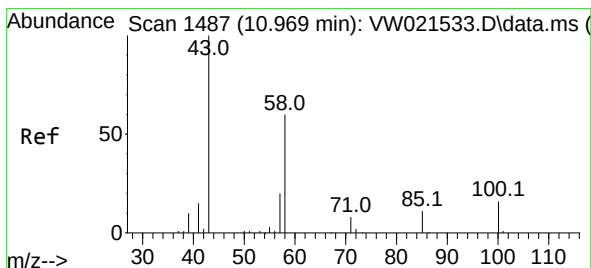
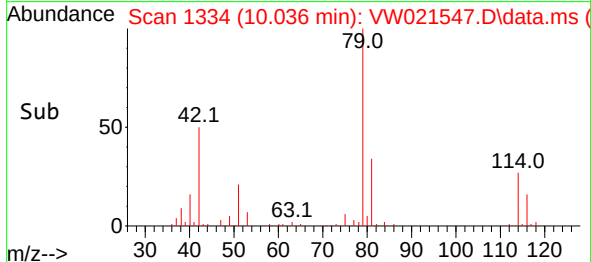
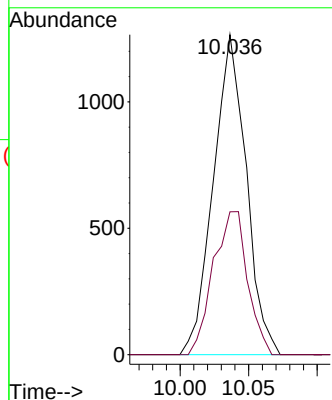
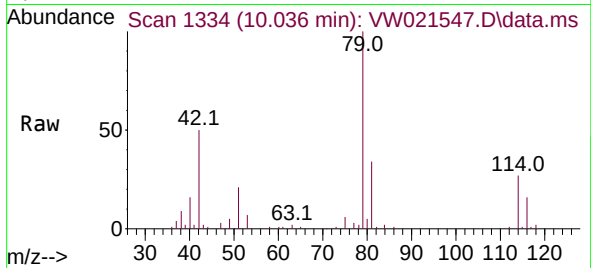
ClientSampleId :

Tgt Ion: 75 Resp: 2111

Ion Ratio Lower Upper

75 100

77 44.6 21.8 40.6#



#48

2-Hexanone

Concen: 3.245 ug/L

RT: 10.927 min Scan# 1480

Delta R.T. -0.043 min

Lab File: VW021547.D

Acq: 22 Dec 2021 01:05

Tgt Ion: 43 Resp: 2433

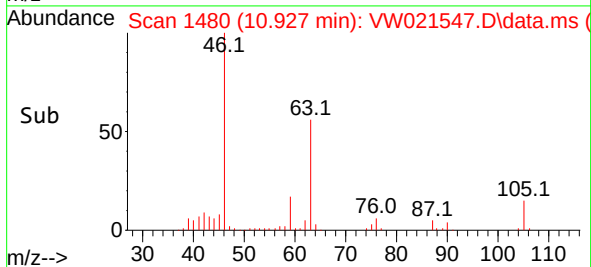
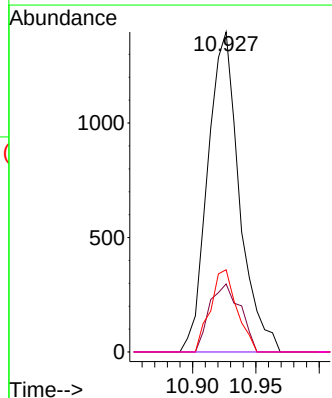
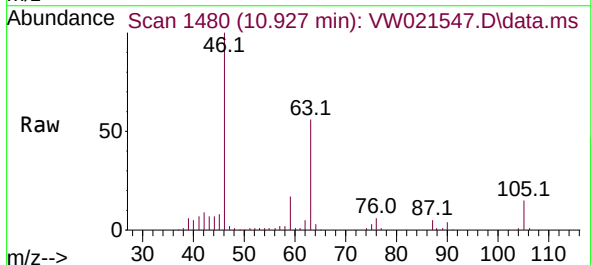
Ion Ratio Lower Upper

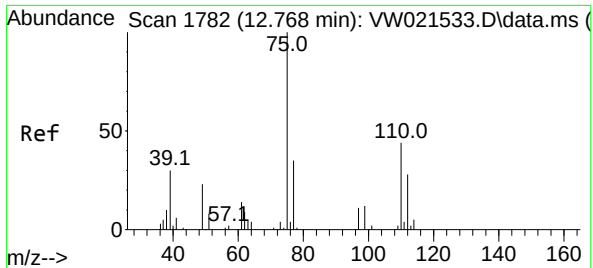
43 100

58 20.7 40.2 60.2#

57 21.5 14.3 21.5

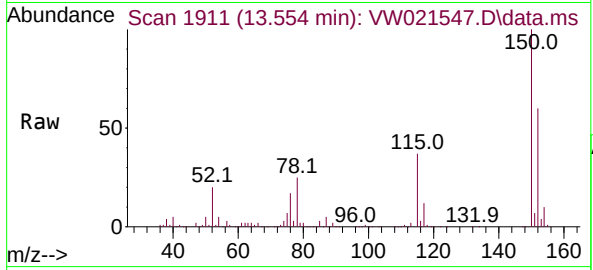
100 0.0 8.0 12.0#





#61
 1,2,3-Trichloropropane
 Concen: 7.857 ug/L
 RT: 13.554 min Scan# 1911
 Delta R.T. 0.786 min
 Lab File: VW021547.D
 Acq: 22 Dec 2021 01:05

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	75	Resp:	9861
Ion	Ratio	Lower	Upper
75	100		
77	36.1	25.8	38.8
110	3.6	29.0	43.4#

