

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121021\
 Data File : VW021299.D
 Acq On : 10 Dec 2021 22:49
 Operator : SY/VA
 Sample : M5023-11
 Misc : 5.36g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 11 03:27:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 10 23:12:45 2021
 Response via : Initial Calibration

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

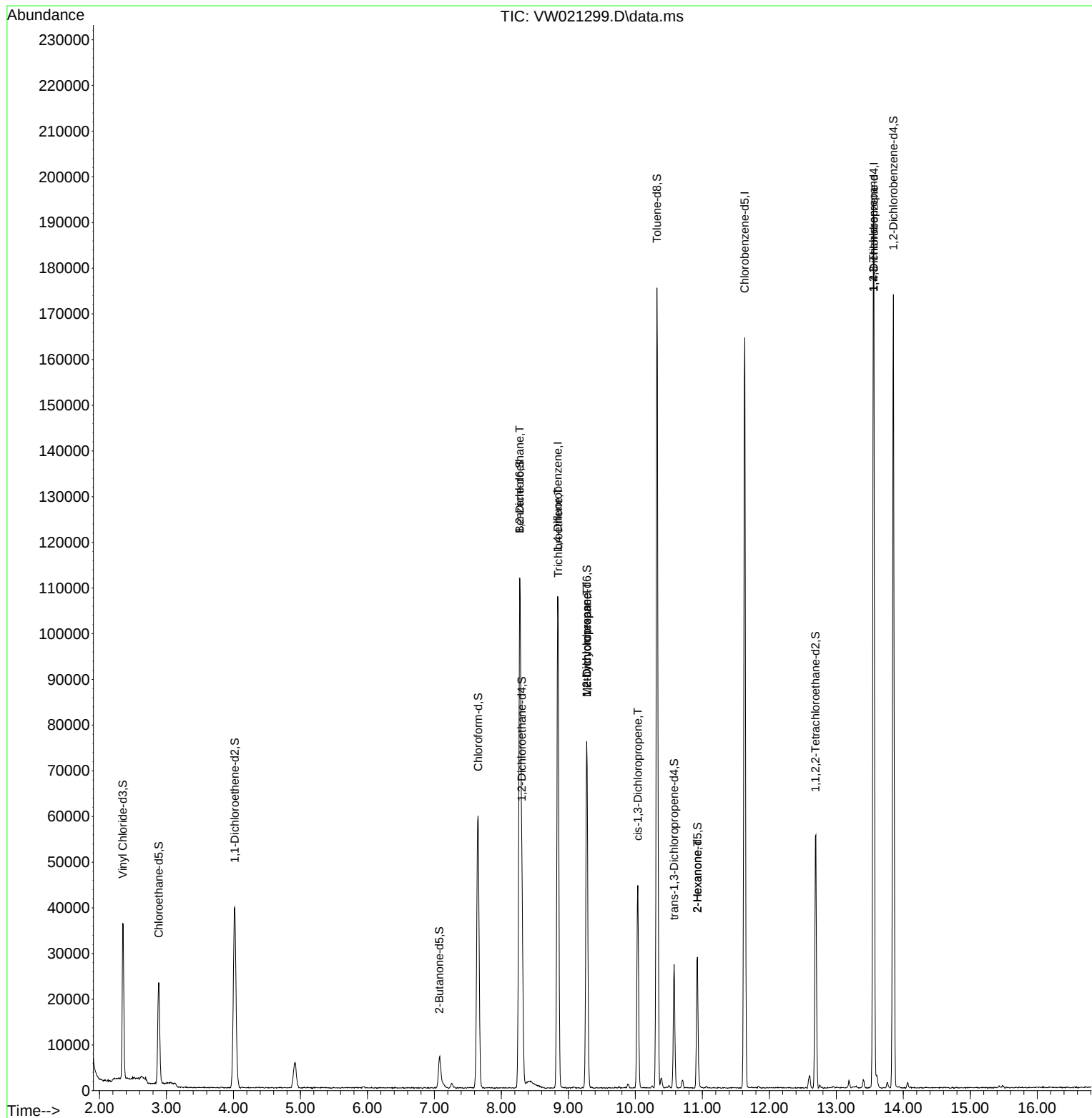
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	91729	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.633	117	91360	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	54481	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.348	65	32924	19.708	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.840%
7) Chloroethane-d5	2.885	69	25341	22.945	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.800%
11) 1,1-Dichloroethene-d2	4.019	63	36424	16.354	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.400%
21) 2-Butanone-d5	7.073	46	11383	48.337	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.680%
24) Chloroform-d	7.652	84	60905	23.826	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.320%
26) 1,2-Dichloroethane-d4	8.305	65	30462	22.402	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.600%
32) Benzene-d6	8.274	84	113275	22.620	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.480%
36) 1,2-Dichloropropane-d6	9.274	67	32185	23.965	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.840%
41) Toluene-d8	10.323	98	113933	22.267	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.080%
43) trans-1,3-Dichloroprop...	10.579	79	13921	22.512	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.040%
47) 2-Hexanone-d5	10.926	63	9400	47.332	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.660%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	25782	22.331	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.320%
66) 1,2-Dichlorobenzene-d4	13.852	152	44818	21.226	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.920%
Target Compounds						Qvalue
27) 1,2-Dichloroethane	8.274	62	770	0.542	ug/L	# 77
34) Trichloroethene	8.847	95	2793	1.999	ug/L	# 5
35) Methylcyclohexane	9.274	83	8639	3.749	ug/L	# 14
37) 1,2-Dichloropropane	9.274	63	4162	3.749	ug/L	# 88
39) cis-1,3-Dichloropropene	10.036	75	1435	0.820	ug/L	# 91
48) 2-Hexanone	10.926	43	1488	3.392	ug/L	# 67
61) 1,2,3-Trichloropropane	13.554	75	6005	7.573	ug/L	# 69

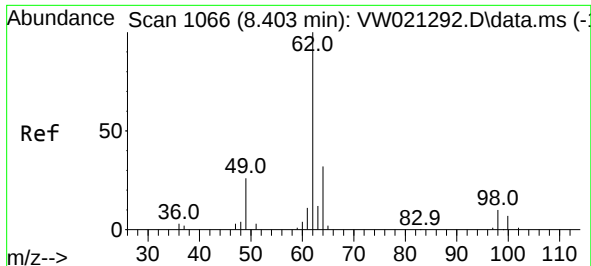
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 11 03:27:15 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Dec 10 23:12:45 2021
Response via : Initial Calibration





#27

1,2-Dichloroethane

Concen: 0.542 ug/L

RT: 8.274 min Scan# 110

Delta R.T. -0.129 min

Lab File: VW021299.D

Acq: 10 Dec 2021 22:49

Instrument :

MSVOA_W

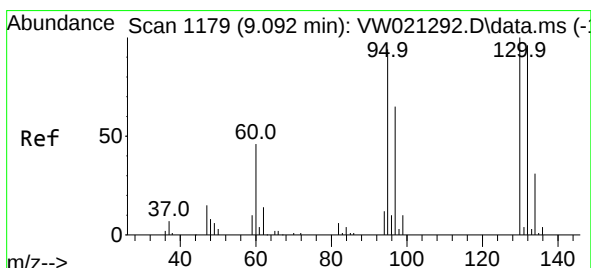
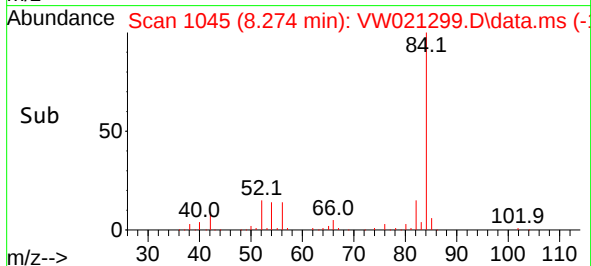
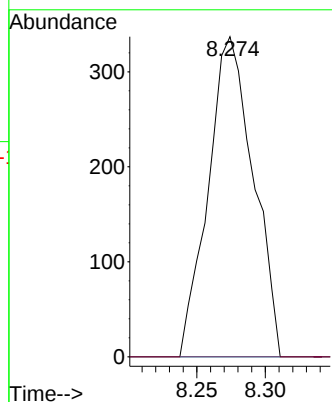
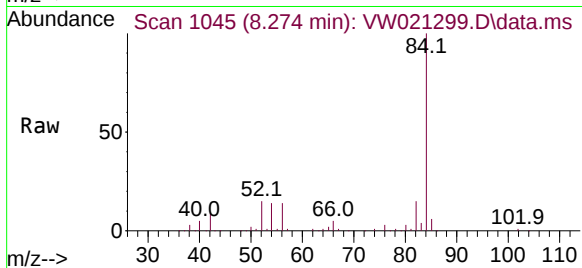
ClientSampleId :

Tgt Ion: 62 Resp: 770

Ion Ratio Lower Upper

62 100

98 0.0 6.5 9.7#



#34

Trichloroethene

Concen: 1.999 ug/L

RT: 8.847 min Scan# 1139

Delta R.T. -0.244 min

Lab File: VW021299.D

Acq: 10 Dec 2021 22:49

Tgt Ion: 95 Resp: 2793

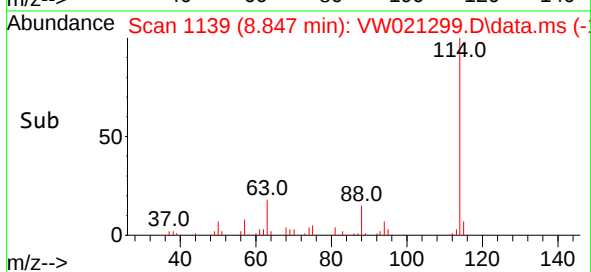
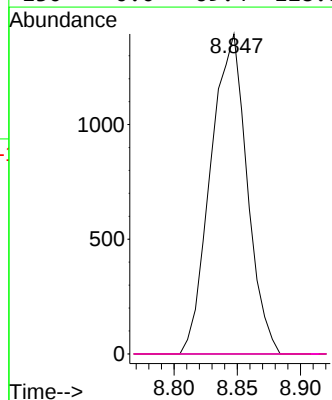
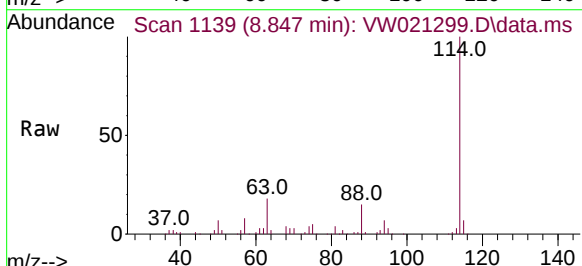
Ion Ratio Lower Upper

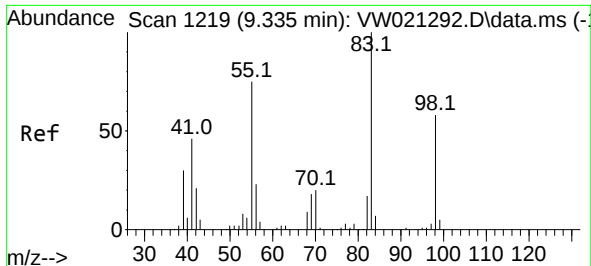
95 100

97 0.0 47.0 87.2#

132 0.0 65.5 121.6#

130 0.0 69.4 128.8#





#35

Methylcyclohexane

Concen: 3.749 ug/L

RT: 9.274 min Scan# 1209

Delta R.T. -0.061 min

Lab File: VW021299.D

Acq: 10 Dec 2021 22:49

Instrument :

MSVOA_W

ClientSampleId :

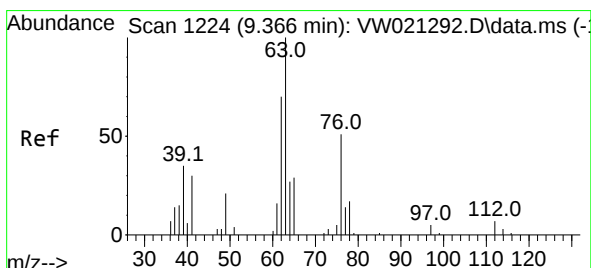
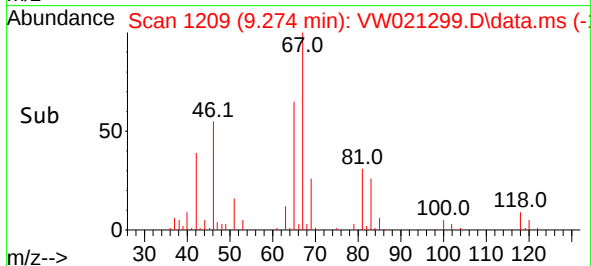
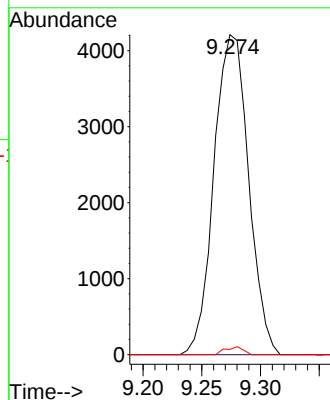
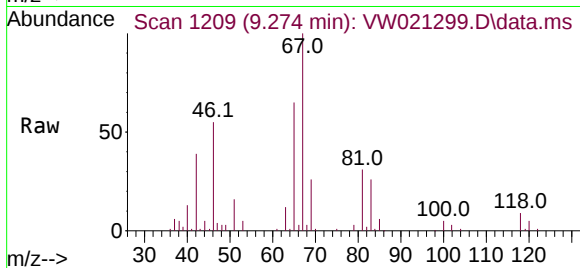
Tgt Ion: 83 Resp: 8639

Ion Ratio Lower Upper

83 100

55 0.0 70.8 106.2#

98 1.3 37.7 56.5#



#37

1,2-Dichloropropane

Concen: 3.749 ug/L

RT: 9.274 min Scan# 1209

Delta R.T. -0.092 min

Lab File: VW021299.D

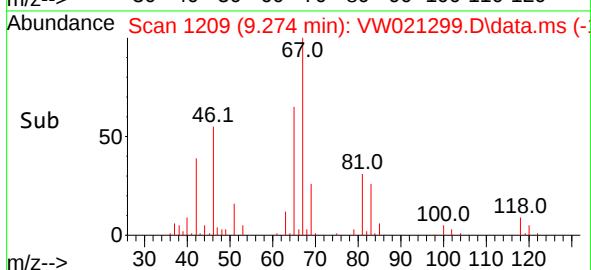
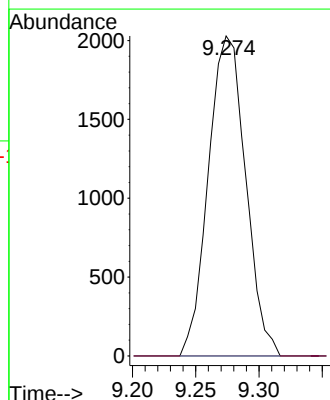
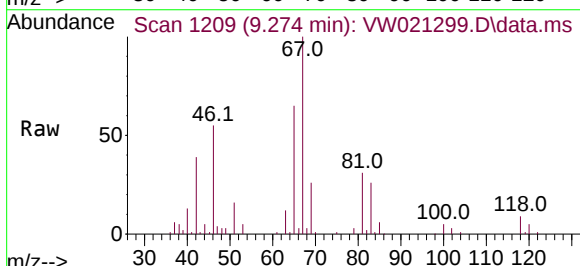
Acq: 10 Dec 2021 22:49

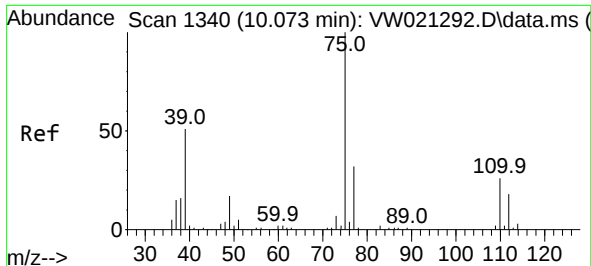
Tgt Ion: 63 Resp: 4162

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.820 ug/L

RT: 10.036 min Scan# 11

Delta R.T. -0.037 min

Lab File: VW021299.D

Acq: 10 Dec 2021 22:49

Instrument :

MSVOA_W

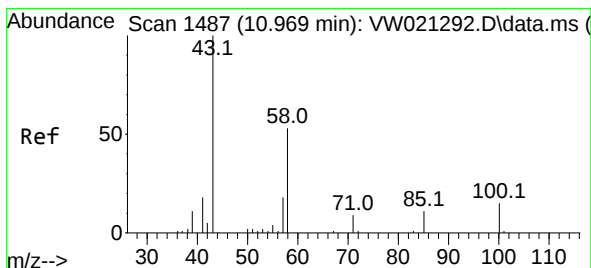
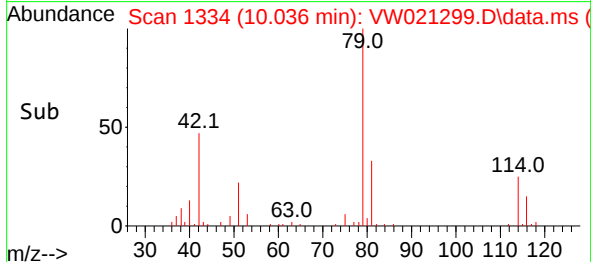
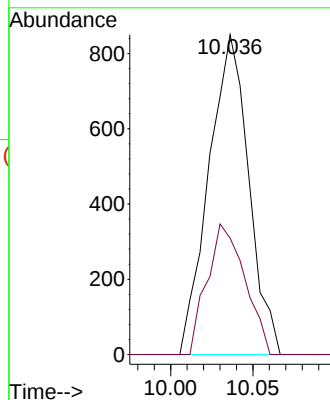
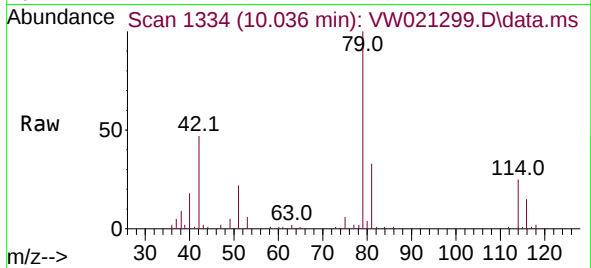
ClientSampleId :

Tgt Ion: 75 Resp: 1435

Ion Ratio Lower Upper

75 100

77 36.4 21.8 40.6



#48

2-Hexanone

Concen: 3.392 ug/L

RT: 10.926 min Scan# 1480

Delta R.T. -0.043 min

Lab File: VW021299.D

Acq: 10 Dec 2021 22:49

Tgt Ion: 43 Resp: 1488

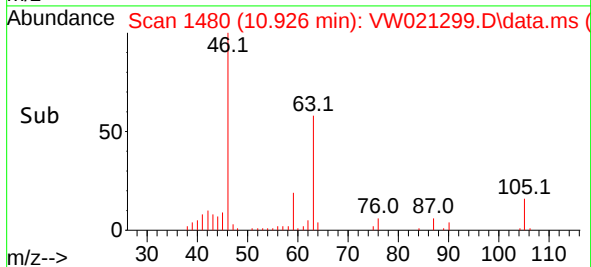
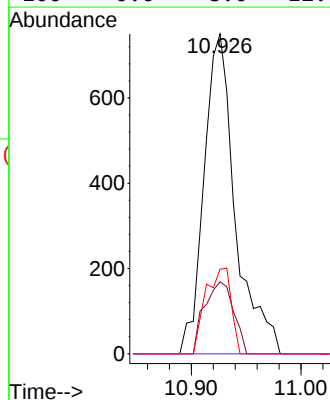
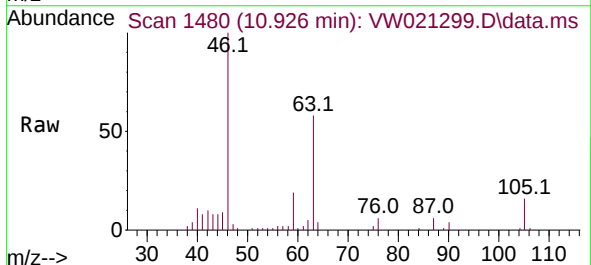
Ion Ratio Lower Upper

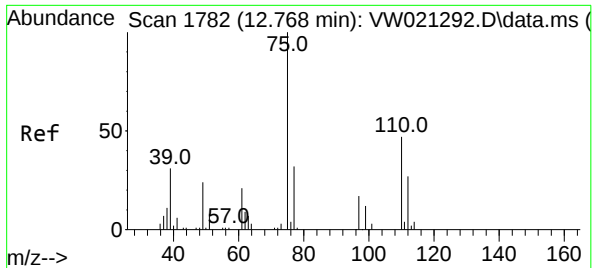
43 100

58 20.9 40.2 60.2#

57 21.8 14.3 21.5#

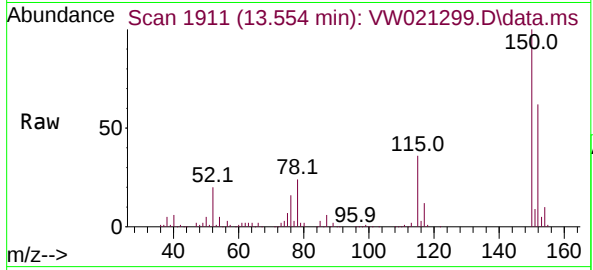
100 0.0 8.0 12.0#





#61
 1,2,3-Trichloropropane
 Concen: 7.573 ug/L
 RT: 13.554 min Scan# 1911
 Delta R.T. 0.786 min
 Lab File: VW021299.D
 Acq: 10 Dec 2021 22:49

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 75	Resp:	6005
Ion Ratio	Lower	Upper
75	100	
77	34.4	25.8 38.8
110	3.3	29.0 43.4#

