

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121021\
 Data File : VW021283.D
 Acq On : 10 Dec 2021 14:22
 Operator : SY/VA
 Sample : M5004-16
 Misc : 6.80g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 10 22:09:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 10 22:05:53 2021
 Response via : Initial Calibration

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

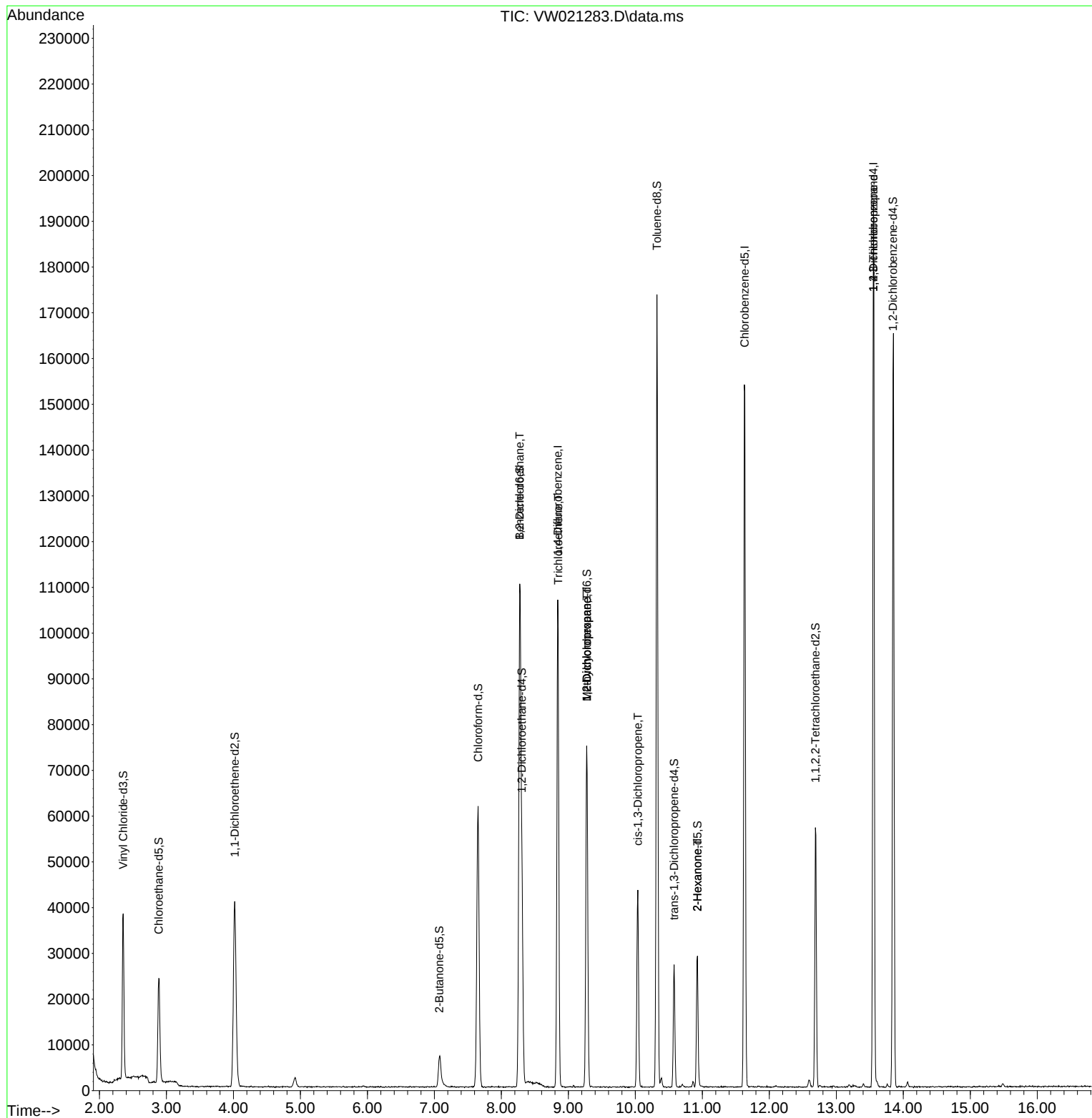
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	91545	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	86933	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	51357	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	35402	21.234	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.920%
7) Chloroethane-d5	2.885	69	27172	24.653	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.600%
11) 1,1-Dichloroethene-d2	4.019	63	37721	16.970	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.880%
21) 2-Butanone-d5	7.074	46	11766	50.064	ug/L	-0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.120%
24) Chloroform-d	7.653	84	60222	23.606	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.440%
26) 1,2-Dichloroethane-d4	8.305	65	30934	22.795	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.200%
32) Benzene-d6	8.274	84	112905	23.694	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.760%
36) 1,2-Dichloropropane-d6	9.274	67	31493	24.644	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.560%
41) Toluene-d8	10.323	98	110503	22.697	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.800%
43) trans-1,3-Dichloroprop...	10.579	79	13887	23.600	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.400%
47) 2-Hexanone-d5	10.926	63	9817	51.949	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.900%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	26301	23.941	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.760%
66) 1,2-Dichlorobenzene-d4	13.847	152	44273	22.244	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.960%
Target Compounds						
					Qvalue	
27) 1,2-Dichloroethane	8.274	62	743	0.524	ug/L #	77
34) Trichloroethene	8.848	95	2653	1.996	ug/L #	5
35) Methylcyclohexane	9.274	83	8591	3.918	ug/L #	14
37) 1,2-Dichloropropane	9.274	63	4008	3.794	ug/L #	88
39) cis-1,3-Dichloropropene	10.036	75	1302	0.782	ug/L #	73
48) 2-Hexanone	10.926	43	1305	3.127	ug/L #	67
61) 1,2,3-Trichloropropane	13.554	75	5913	7.911	ug/L #	67

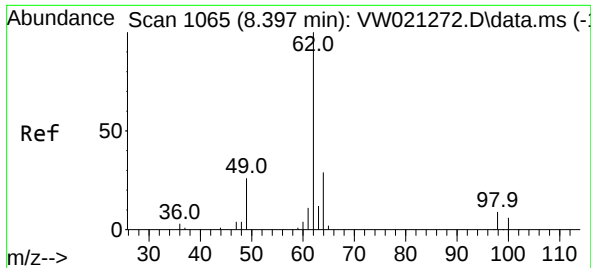
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121021\
Data File : VW021283.D
Acq On : 10 Dec 2021 14:22
Operator : SY/VA
Sample : M5004-16
Misc : 6.80g/10.0mL/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Dec 10 22:09:15 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Dec 10 22:05:53 2021
Response via : Initial Calibration





#27

1,2-Dichloroethane

Concen: 0.524 ug/L

RT: 8.274 min Scan# 1065

Delta R.T. -0.122 min

Lab File: VW021283.D

Acq: 10 Dec 2021 14:22

Instrument :

MSVOA_W

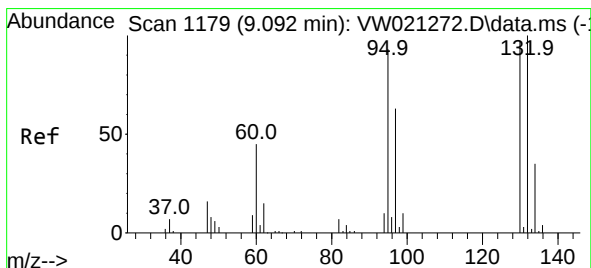
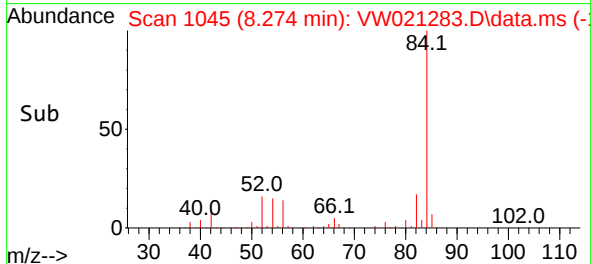
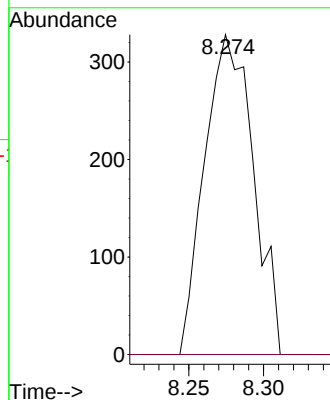
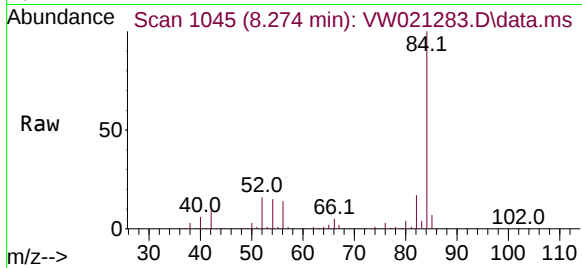
ClientSampleId :

Tgt Ion: 62 Resp: 743

Ion Ratio Lower Upper

62 100

98 0.0 6.5 9.7#



#34

Trichloroethene

Concen: 1.996 ug/L

RT: 8.848 min Scan# 1139

Delta R.T. -0.244 min

Lab File: VW021283.D

Acq: 10 Dec 2021 14:22

Tgt Ion: 95 Resp: 2653

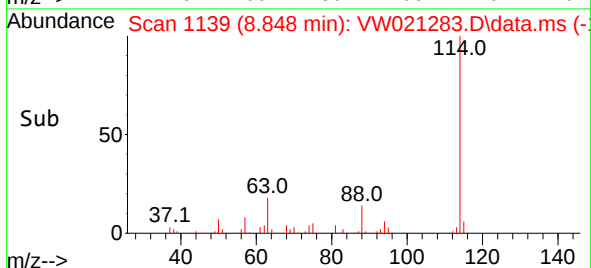
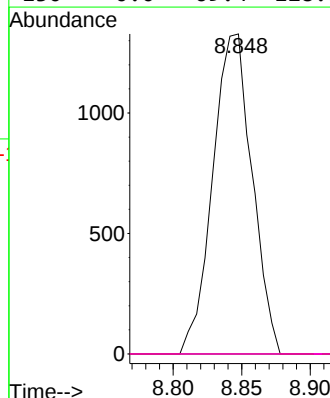
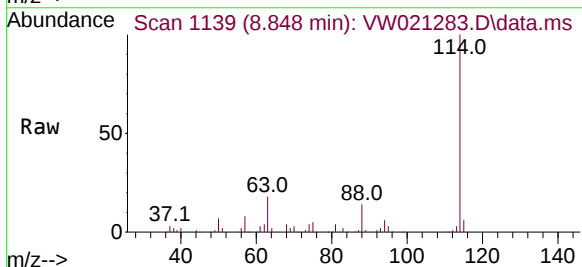
Ion Ratio Lower Upper

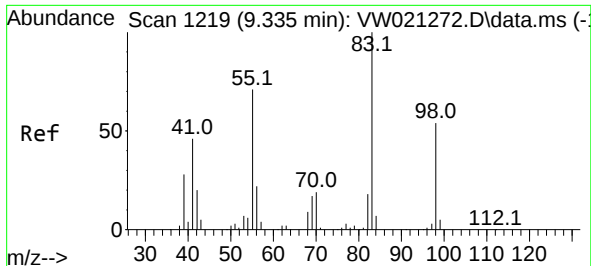
95 100

97 0.0 47.0 87.2#

132 0.0 65.5 121.6#

130 0.0 69.4 128.8#





#35

Methylcyclohexane

Concen: 3.918 ug/L

RT: 9.274 min Scan# 1209

Delta R.T. -0.061 min

Lab File: VW021283.D

Acq: 10 Dec 2021 14:22

Instrument :

MSVOA_W

ClientSampleId :

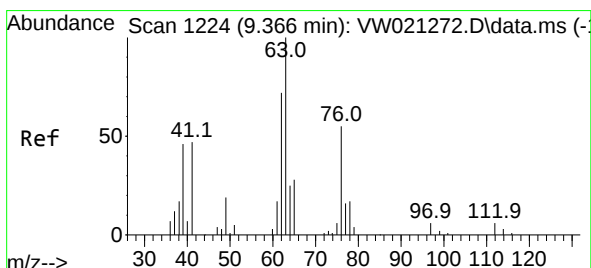
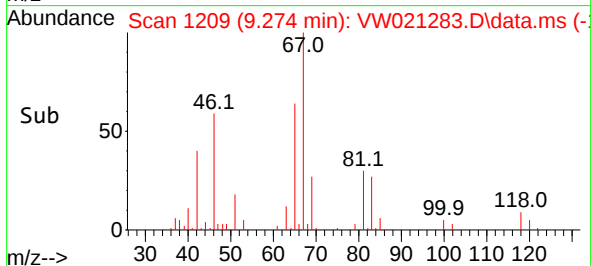
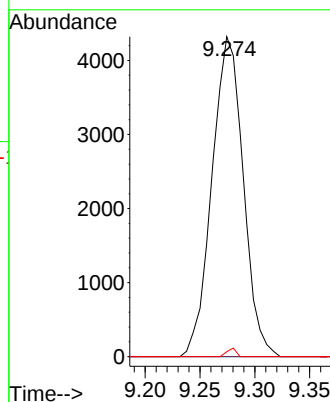
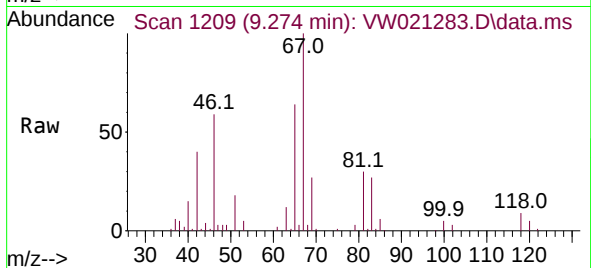
Tgt Ion: 83 Resp: 8591

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: 3.794 ug/L

RT: 9.274 min Scan# 1209

Delta R.T. -0.092 min

Lab File: VW021283.D

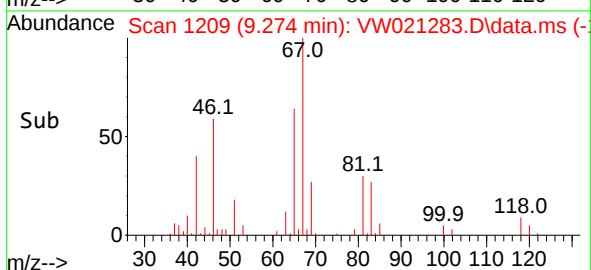
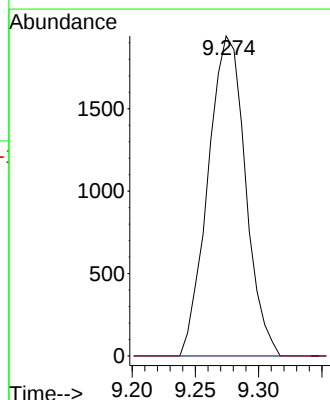
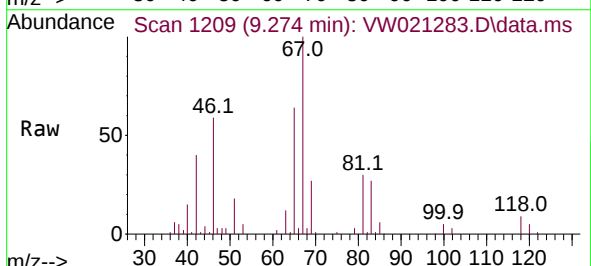
Acq: 10 Dec 2021 14:22

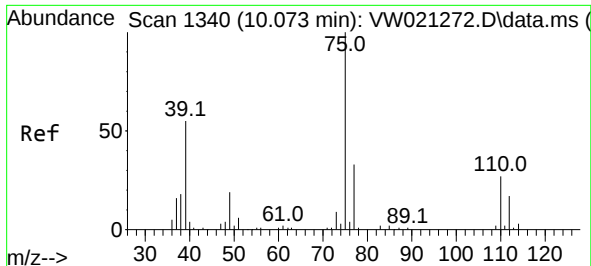
Tgt Ion: 63 Resp: 4008

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.782 ug/L

RT: 10.036 min Scan# 11

Delta R.T. -0.037 min

Lab File: VW021283.D

Acq: 10 Dec 2021 14:22

Instrument :

MSVOA_W

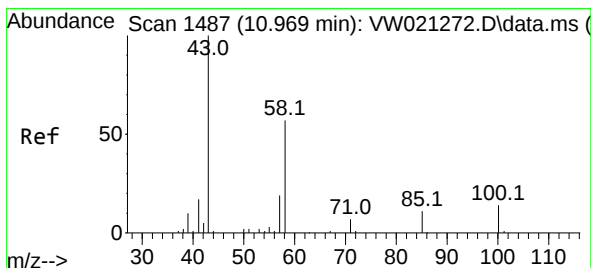
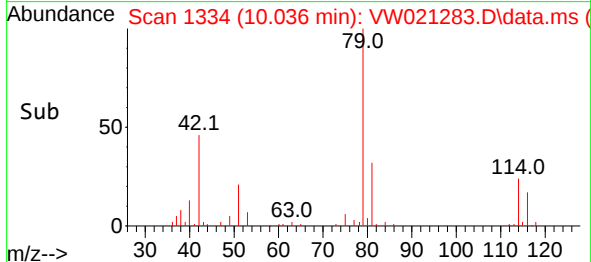
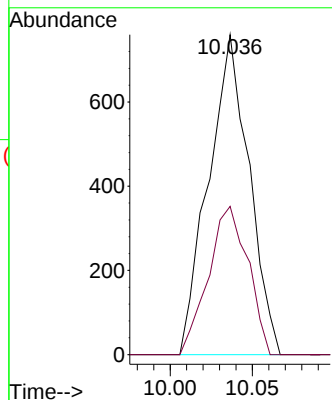
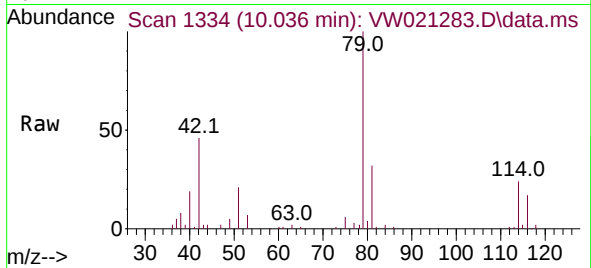
ClientSampleId :

Tgt Ion: 75 Resp: 1302

Ion Ratio Lower Upper

75 100

77 46.3 21.8 40.6#



#48

2-Hexanone

Concen: 3.127 ug/L

RT: 10.926 min Scan# 1480

Delta R.T. -0.043 min

Lab File: VW021283.D

Acq: 10 Dec 2021 14:22

Tgt Ion: 43 Resp: 1305

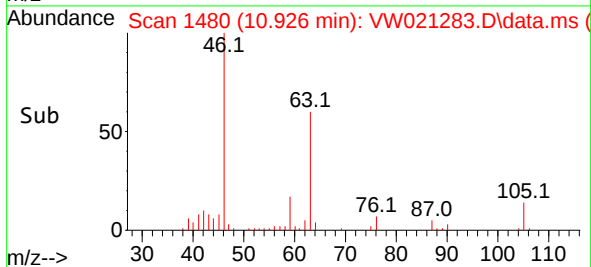
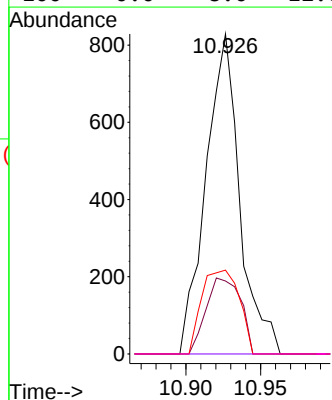
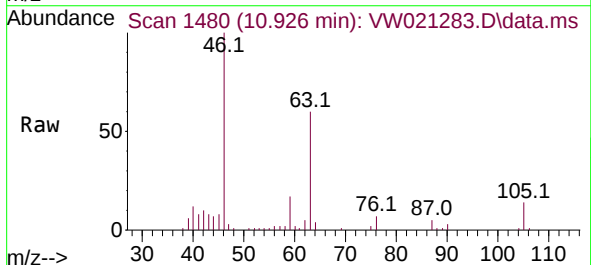
Ion Ratio Lower Upper

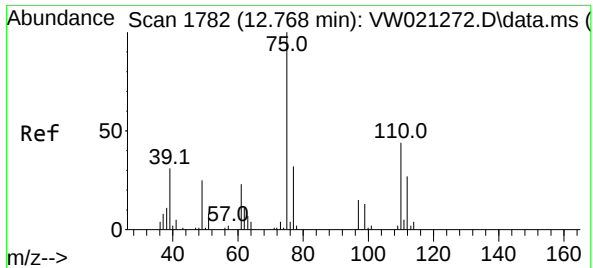
43 100

58 24.2 40.2 60.2#

57 29.0 14.3 21.5#

100 0.0 8.0 12.0#





#61
 1,2,3-Trichloropropane
 Concen: 7.911 ug/L
 RT: 13.554 min Scan# 1911
 Delta R.T. 0.786 min
 Lab File: VW021283.D
 Acq: 10 Dec 2021 14:22

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:	75	Resp:	5913
Ion	Ratio	Lower	Upper
75	100		
77	36.1	25.8	38.8
110	2.7	29.0	43.4#

