

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122821\
 Data File : VW021685.D
 Acq On : 28 Dec 2021 22:23
 Operator : SY/VA
 Sample : M5153-14
 Misc : 5.04g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 29 00:27:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 29 00:22:49 2021
 Response via : Initial Calibration

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

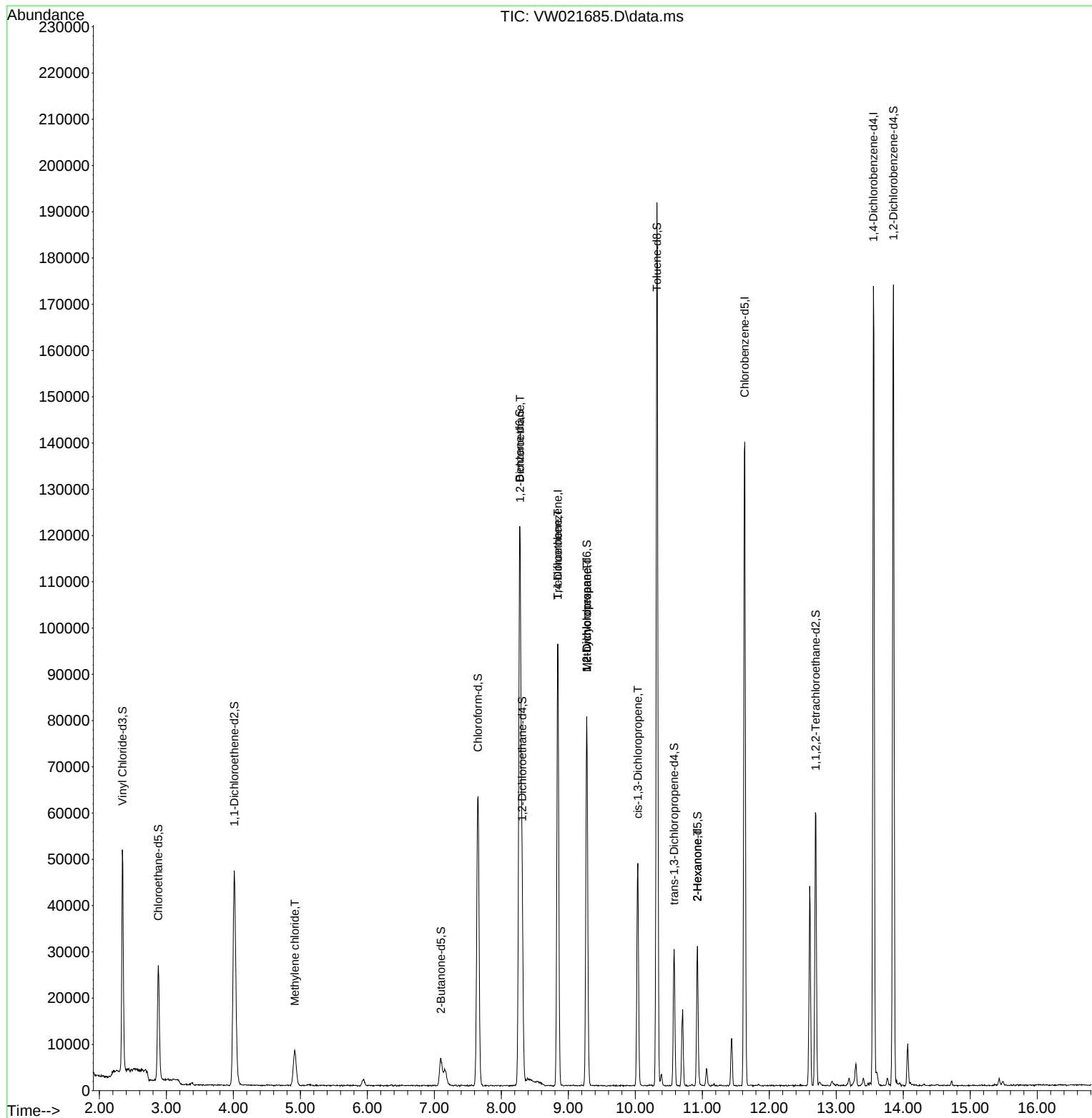
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	81245	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	81088	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	46555	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	46922	29.292	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	117.160%	
7) Chloroethane-d5	2.879	69	28470	26.388	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	105.560%	
11) 1,1-Dichloroethene-d2	4.013	63	43433	18.528	ug/L	-0.01
Spiked Amount	25.000	Range 45 - 110	Recovery	=	74.120%	
21) 2-Butanone-d5	7.098	46	11995	51.182	ug/L	0.01
Spiked Amount	50.000	Range 20 - 135	Recovery	=	102.360%	
24) Chloroform-d	7.653	84	63536	25.035	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	=	100.160%	
26) 1,2-Dichloroethane-d4	8.311	65	34819	25.982	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	=	103.920%	
32) Benzene-d6	8.275	84	124251	25.806	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	=	103.240%	
36) 1,2-Dichloropropane-d6	9.274	67	33342	25.527	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	=	102.120%	
41) Toluene-d8	10.323	98	121431	25.313	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	=	101.240%	
43) trans-1,3-Dichloroprop...	10.579	79	15634	24.598	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	=	98.400%	
47) 2-Hexanone-d5	10.927	63	10288	51.936	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	103.880%	
56) 1,1,2,2-Tetrachloroeth...	12.695	84	28171	26.161	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	=	104.640%	
66) 1,2-Dichlorobenzene-d4	13.853	152	45857	25.758	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	=	103.040%	
Target Compounds						
						Qvalue
16) Methylene chloride	4.915	84	6091	4.200	ug/L	75
27) 1,2-Dichloroethane	8.281	62	898	0.605	ug/L #	77
34) Trichloroethene	8.842	95	2533	1.803	ug/L #	5
35) Methylcyclohexane	9.274	83	8819	3.806	ug/L #	14
37) 1,2-Dichloropropane	9.274	63	4410	4.022	ug/L #	88
39) cis-1,3-Dichloropropene	10.036	75	1467	0.819	ug/L #	68
48) 2-Hexanone	10.927	43	1255	3.059	ug/L #	66

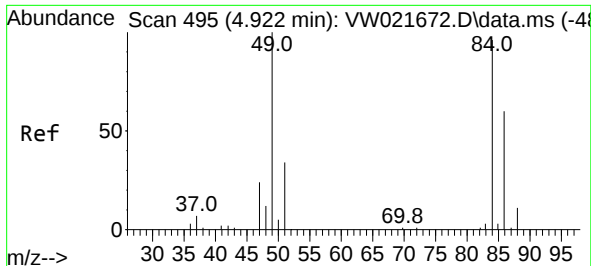
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.04g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Dec 29 00:27:57 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Dec 29 00:22:49 2021
Response via : Initial Calibration

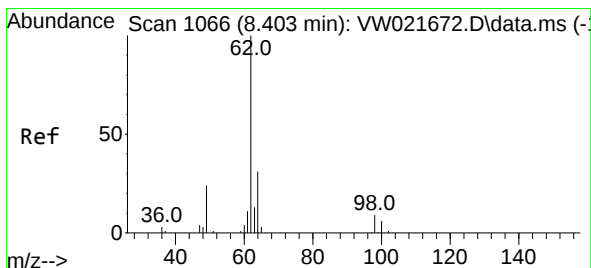
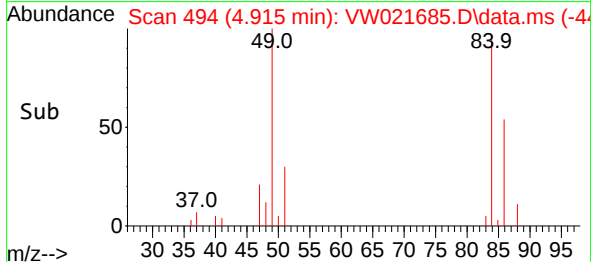
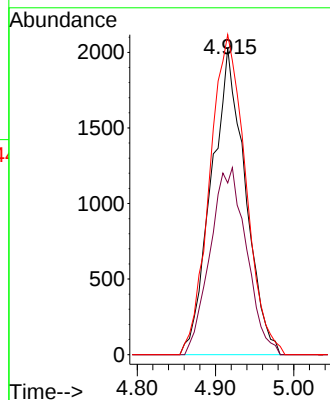
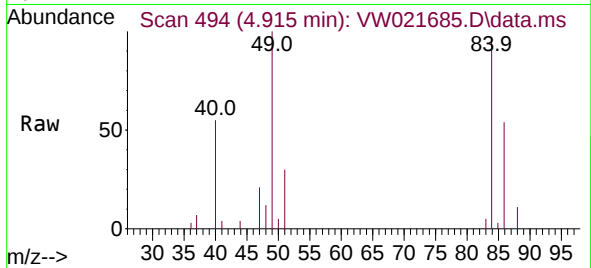




#16
Methylene chloride
Concen: 4.200 ug/L
RT: 4.915 min Scan# 49
Delta R.T. -0.006 min
Lab File: VW021685.D
Acq: 28 Dec 2021 22:23

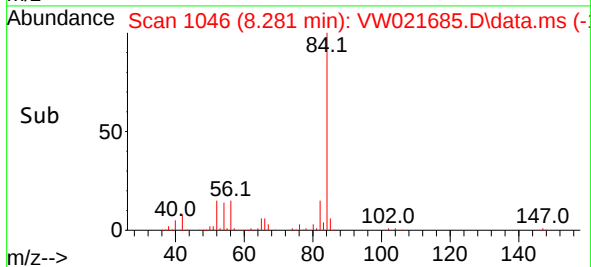
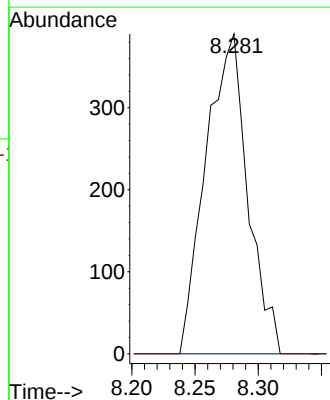
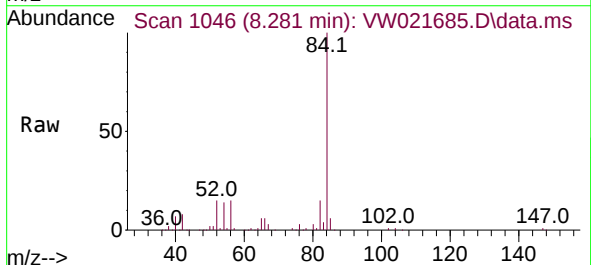
Instrument :
MSVOA_W
ClientSampleId :

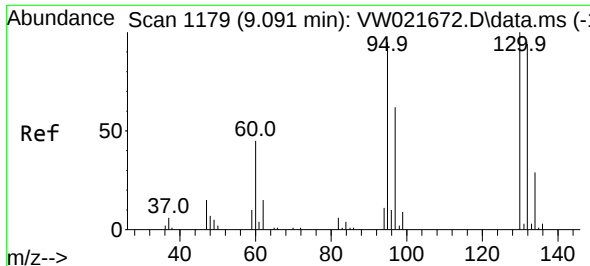
Tgt Ion: 84 Resp: 6091
Ion Ratio Lower Upper
84 100
86 56.0 45.5 84.5
49 104.3 100.5 186.7



#27
1,2-Dichloroethane
Concen: 0.605 ug/L
RT: 8.281 min Scan# 1046
Delta R.T. -0.122 min
Lab File: VW021685.D
Acq: 28 Dec 2021 22:23

Tgt Ion: 62 Resp: 898
Ion Ratio Lower Upper
62 100
98 0.0 6.5 9.7#





#34

Trichloroethene

Concen: 1.803 ug/L

RT: 8.842 min Scan# 1179

Delta R.T. -0.250 min

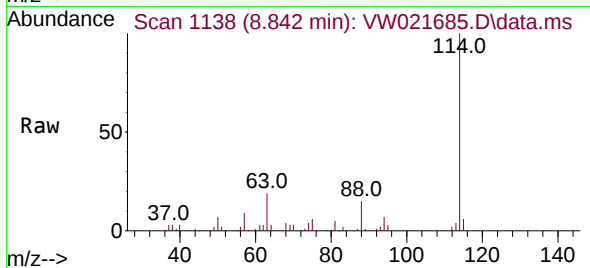
Lab File: VW021685.D

Acq: 28 Dec 2021 22:23

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 2533

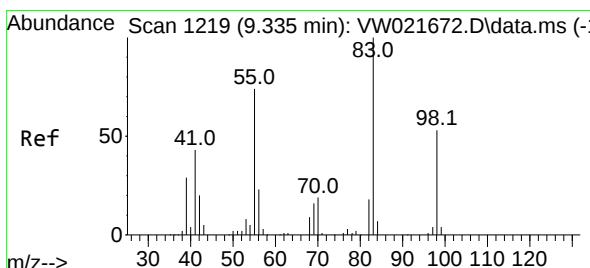
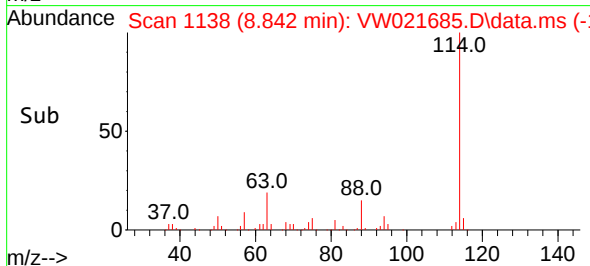
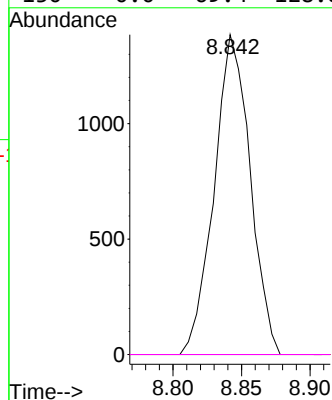
Ion Ratio Lower Upper

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: 3.806 ug/L

RT: 9.274 min Scan# 1209

Delta R.T. -0.061 min

Lab File: VW021685.D

Acq: 28 Dec 2021 22:23

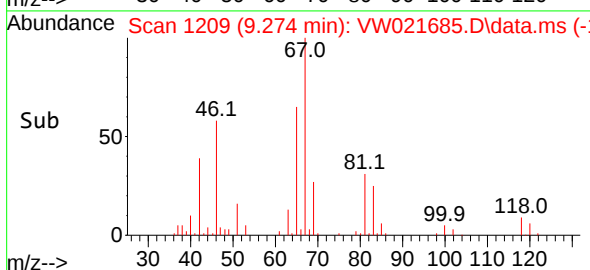
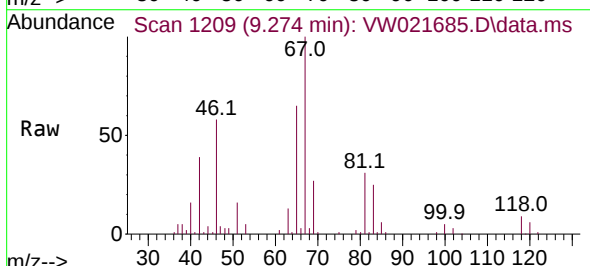
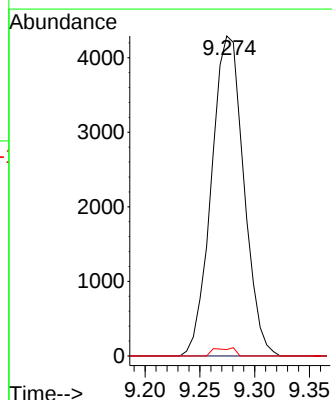
Tgt Ion: 83 Resp: 8819

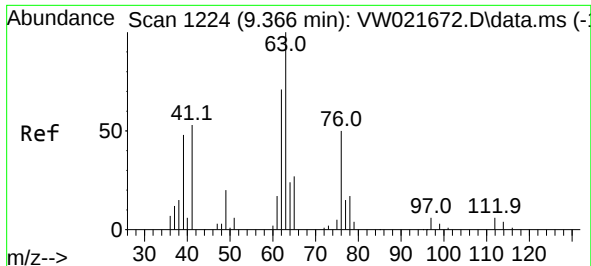
Ion Ratio Lower Upper

83 100

55 0.0 70.8 106.2#

98 0.5 37.7 56.5#





#37

1,2-Dichloropropane

Concen: 4.022 ug/L

RT: 9.274 min Scan# 11

Delta R.T. -0.091 min

Lab File: VW021685.D

Acq: 28 Dec 2021 22:23

Instrument :

MSVOA_W

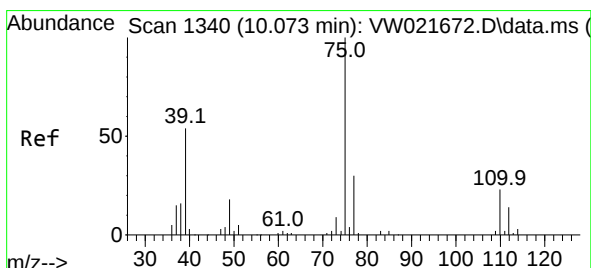
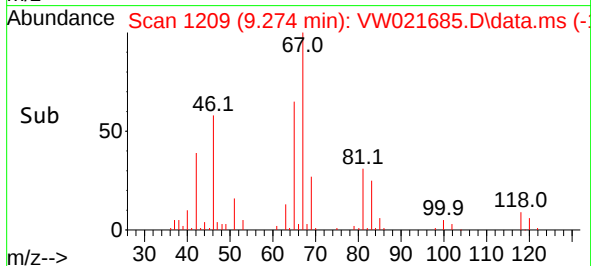
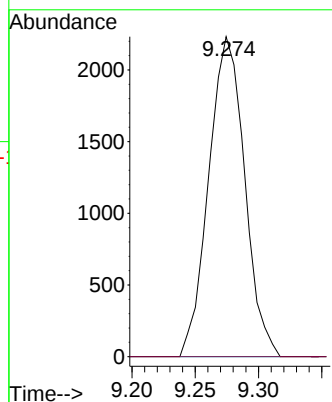
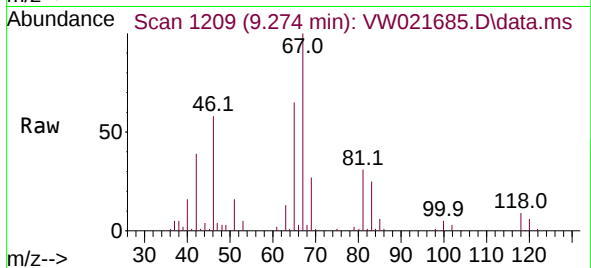
ClientSampleId :

Tgt Ion: 63 Resp: 4410

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.819 ug/L

RT: 10.036 min Scan# 1334

Delta R.T. -0.037 min

Lab File: VW021685.D

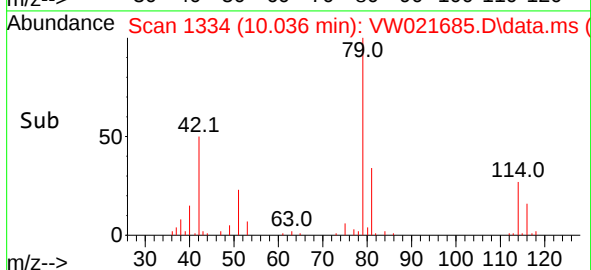
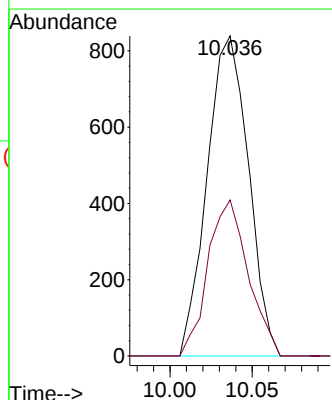
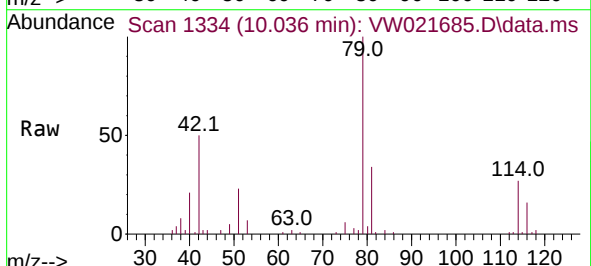
Acq: 28 Dec 2021 22:23

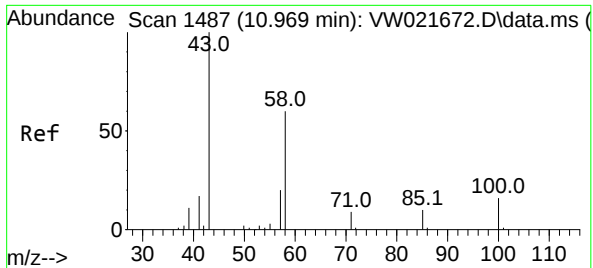
Tgt Ion: 75 Resp: 1467

Ion Ratio Lower Upper

75 100

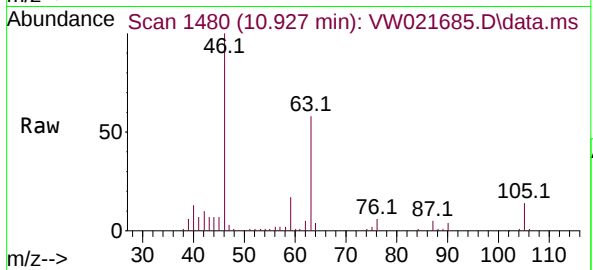
77 48.7 21.8 40.6#





#48
 2-Hexanone
 Concen: 3.059 ug/L
 RT: 10.927 min Scan# 14
 Delta R.T. -0.043 min
 Lab File: VW021685.D
 Acq: 28 Dec 2021 22:23

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 43	Resp:	1255
Ion	Ratio	Lower Upper
43	100	
58	22.4	40.2 60.2#
57	26.4	14.3 21.5#
100	0.0	8.0 12.0#

