

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122821\
 Data File : VW021683.D
 Acq On : 28 Dec 2021 21:35
 Operator : SY/VA
 Sample : M5194-21
 Misc : 5.01g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 29 00:27:36 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)

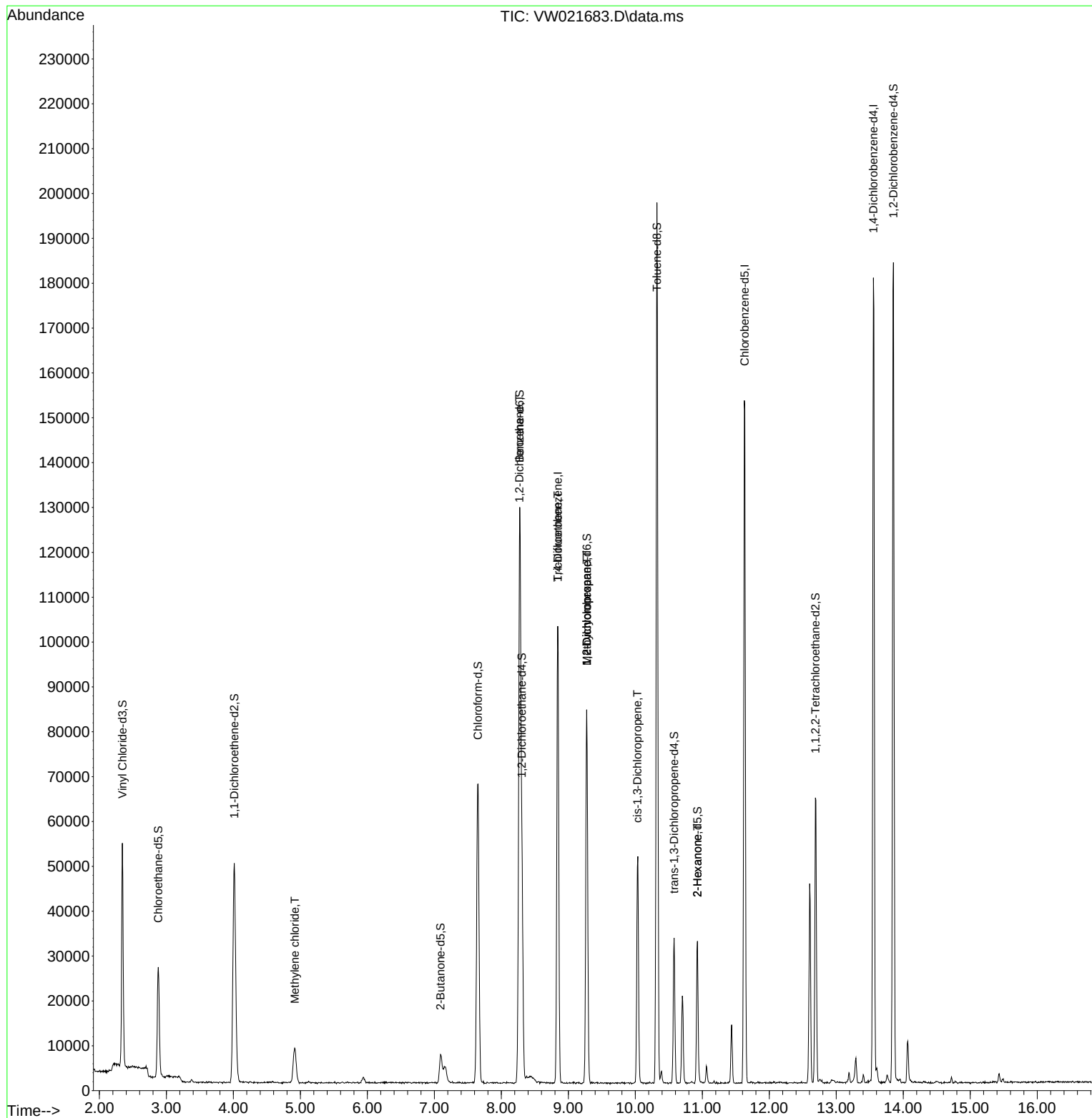
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	90029	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	86643	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	49862	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	47521	26.771	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.080%
7) Chloroethane-d5	2.879	69	28614	23.934	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.720%
11) 1,1-Dichloroethene-d2	4.013	63	45489	17.512	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.040%
21) 2-Butanone-d5	7.092	46	11973	46.104	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.200%
24) Chloroform-d	7.653	84	67144	23.875	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.520%
26) 1,2-Dichloroethane-d4	8.305	65	36373	24.494	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.960%
32) Benzene-d6	8.275	84	129704	25.211	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.840%
36) 1,2-Dichloropropane-d6	9.274	67	35171	25.201	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.800%
41) Toluene-d8	10.323	98	127901	24.952	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.800%
43) trans-1,3-Dichloroprop...	10.579	79	17038	25.089	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.360%
47) 2-Hexanone-d5	10.927	63	10569	49.934	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.860%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	29882	25.971	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.880%
66) 1,2-Dichlorobenzene-d4	13.853	152	49551	25.987	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.960%
Target Compounds						Qvalue
16) Methylene chloride	4.916	84	6272	3.903	ug/L	79
27) 1,2-Dichloroethane	8.269	62	857	0.521	ug/L	# 77
34) Trichloroethene	8.842	95	2520	1.679	ug/L	# 5
35) Methylcyclohexane	9.274	83	9585	3.871	ug/L	# 15
37) 1,2-Dichloropropane	9.274	63	4600	3.926	ug/L	# 88
39) cis-1,3-Dichloropropene	10.030	75	1522	0.795	ug/L	# 82
48) 2-Hexanone	10.927	43	1320	3.012	ug/L	# 67

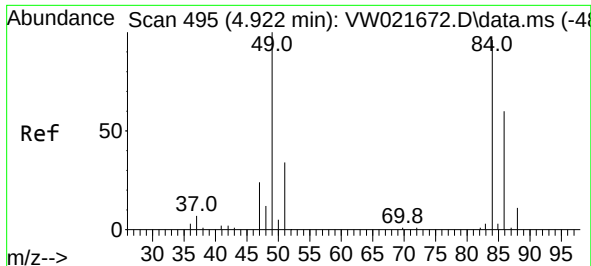
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122821\
Data File : VW021683.D
Acq On : 28 Dec 2021 21:35
Operator : SY/VA
Sample : M5194-21
Misc : 5.01g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

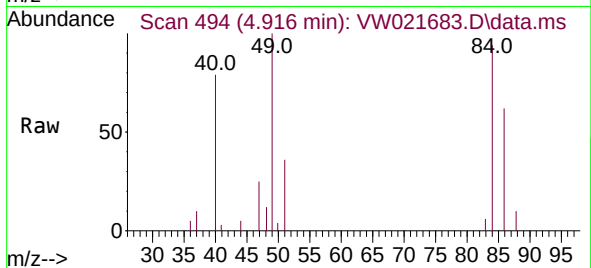
Quant Time: Dec 29 00:27:36 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Dec 29 00:22:49 2021
Response via : Initial Calibration





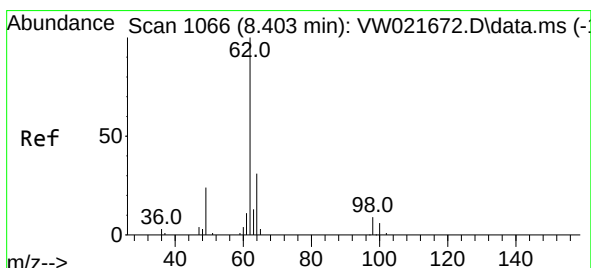
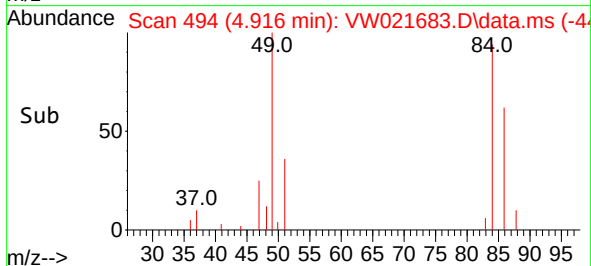
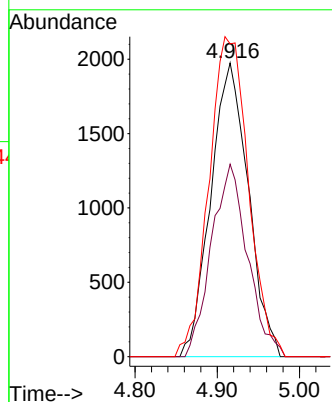
#16
Methylene chloride
Concen: 3.903 ug/L
RT: 4.916 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW021683.D
Acq: 28 Dec 2021 21:35

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 84 Resp: 6272

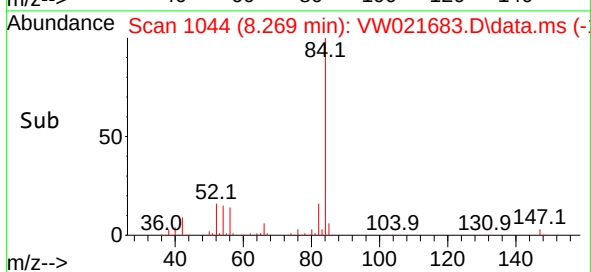
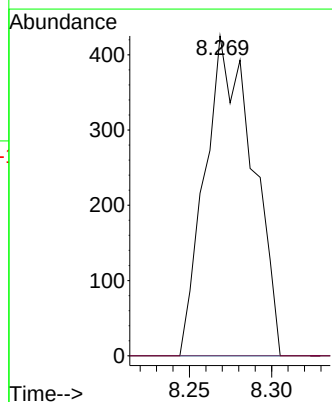
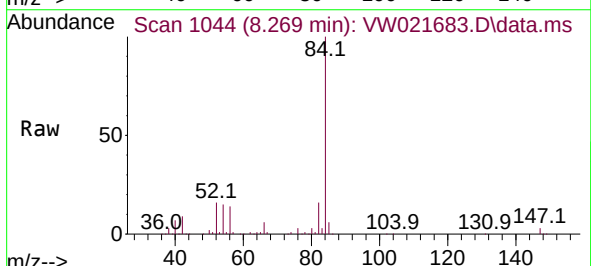
Ion	Ratio	Lower	Upper
84	100		
86	65.5	45.5	84.5
49	106.5	100.5	186.7

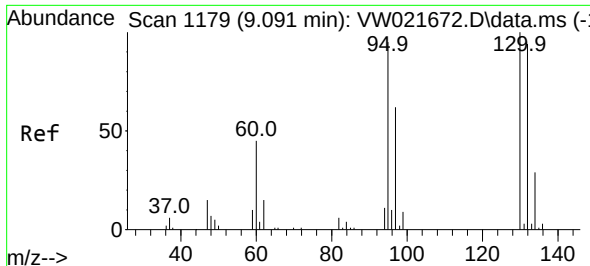


#27
1,2-Dichloroethane
Concen: 0.521 ug/L
RT: 8.269 min Scan# 1044
Delta R.T. -0.134 min
Lab File: VW021683.D
Acq: 28 Dec 2021 21:35

Tgt Ion: 62 Resp: 857

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.5	9.7#





#34

Trichloroethene

Concen: 1.679 ug/L

RT: 8.842 min Scan# 1179

Delta R.T. -0.250 min

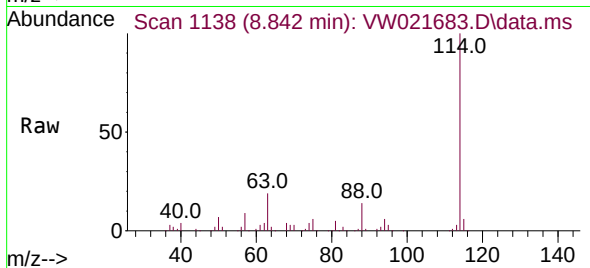
Lab File: VW021683.D

Acq: 28 Dec 2021 21:35

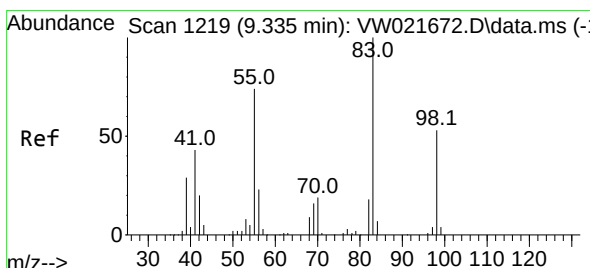
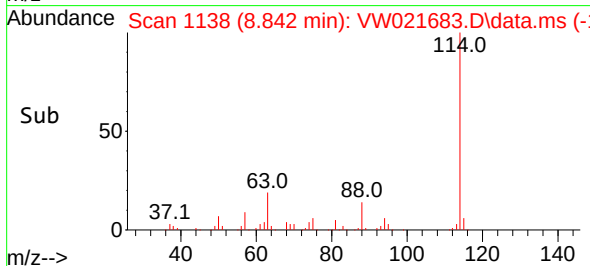
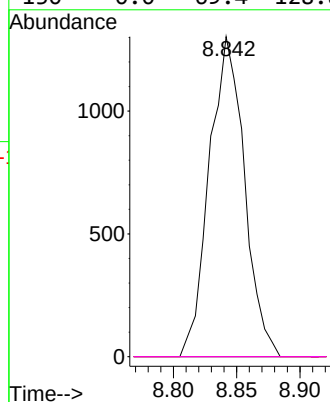
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	95	Resp:	2520
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: 3.871 ug/L

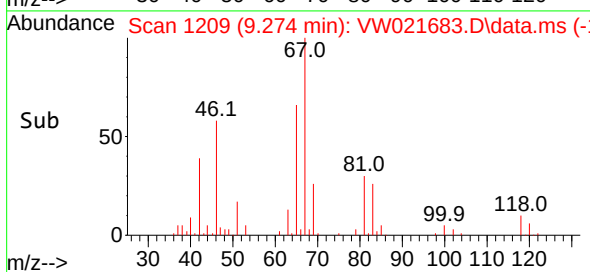
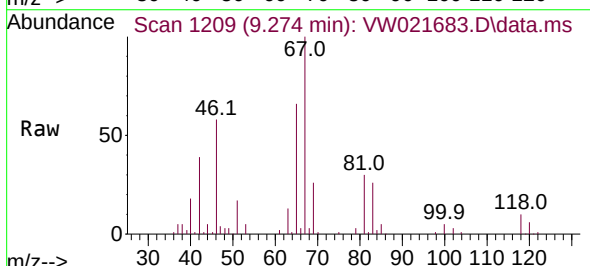
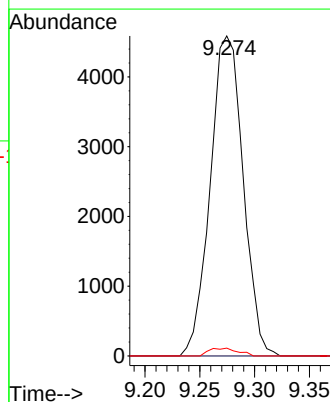
RT: 9.274 min Scan# 1209

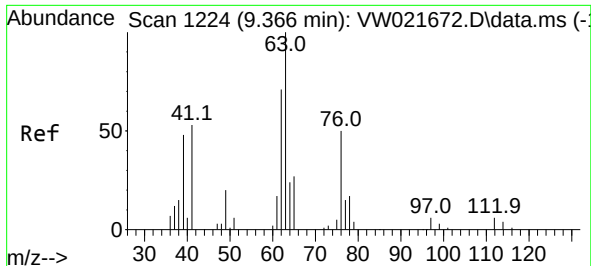
Delta R.T. -0.061 min

Lab File: VW021683.D

Acq: 28 Dec 2021 21:35

Tgt Ion:	83	Resp:	9585
Ion	Ratio	Lower	Upper
83	100		
55	0.0	70.8	106.2#
98	2.1	37.7	56.5#





#37

1,2-Dichloropropane

Concen: 3.926 ug/L

RT: 9.274 min Scan# 11

Delta R.T. -0.091 min

Lab File: VW021683.D

Acq: 28 Dec 2021 21:35

Instrument :

MSVOA_W

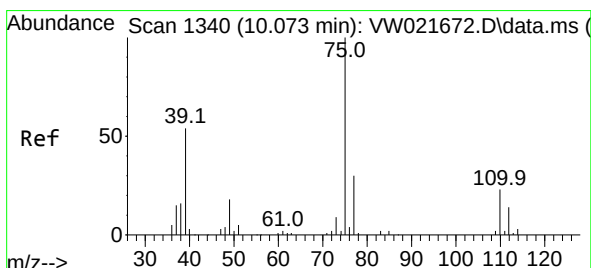
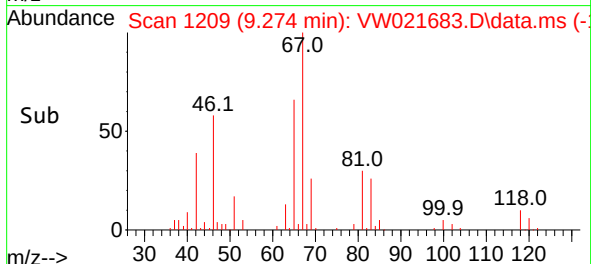
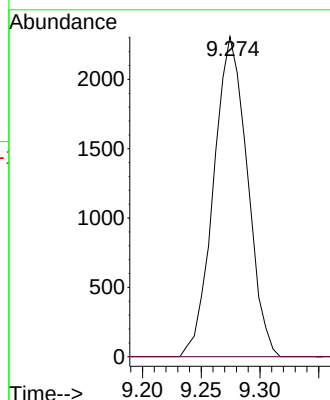
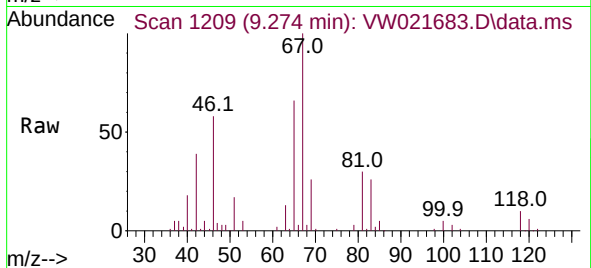
ClientSampleId :

Tgt Ion: 63 Resp: 4600

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.795 ug/L

RT: 10.030 min Scan# 1333

Delta R.T. -0.043 min

Lab File: VW021683.D

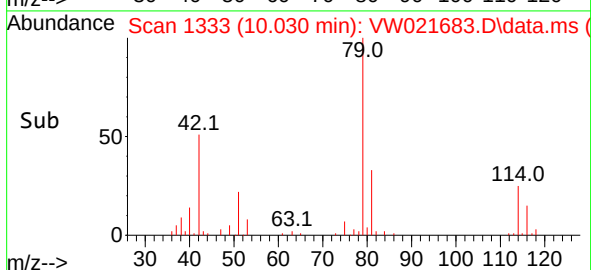
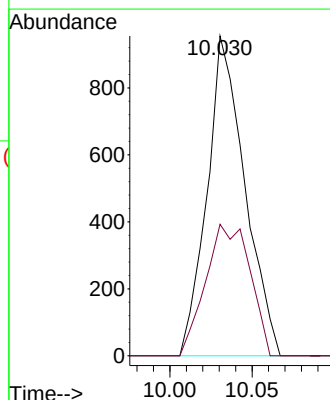
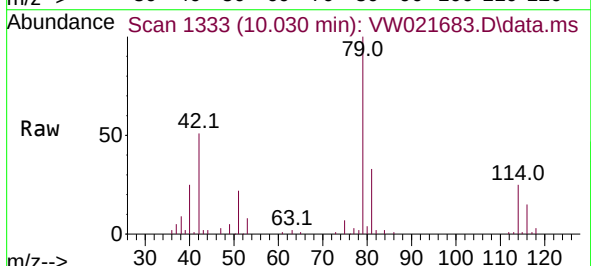
Acq: 28 Dec 2021 21:35

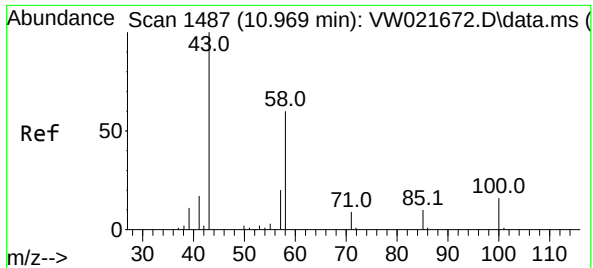
Tgt Ion: 75 Resp: 1522

Ion Ratio Lower Upper

75 100

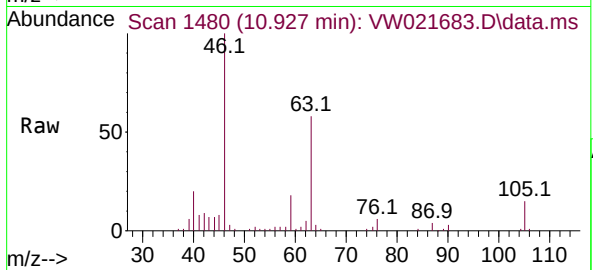
77 41.2 21.8 40.6#





#48
 2-Hexanone
 Concen: 3.012 ug/L
 RT: 10.927 min Scan# 14
 Delta R.T. -0.043 min
 Lab File: VW021683.D
 Acq: 28 Dec 2021 21:35

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 43	Resp:	1320
Ion	Ratio	Lower Upper
43	100	
58	24.5	40.2 60.2#
57	28.9	14.3 21.5#
100	0.0	8.0 12.0#

