

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121021\
 Data File : VW021300.D
 Acq On : 10 Dec 2021 23:13
 Operator : SY/VA
 Sample : M5023-12
 Misc : 6.13g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 11 03:27:30 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)

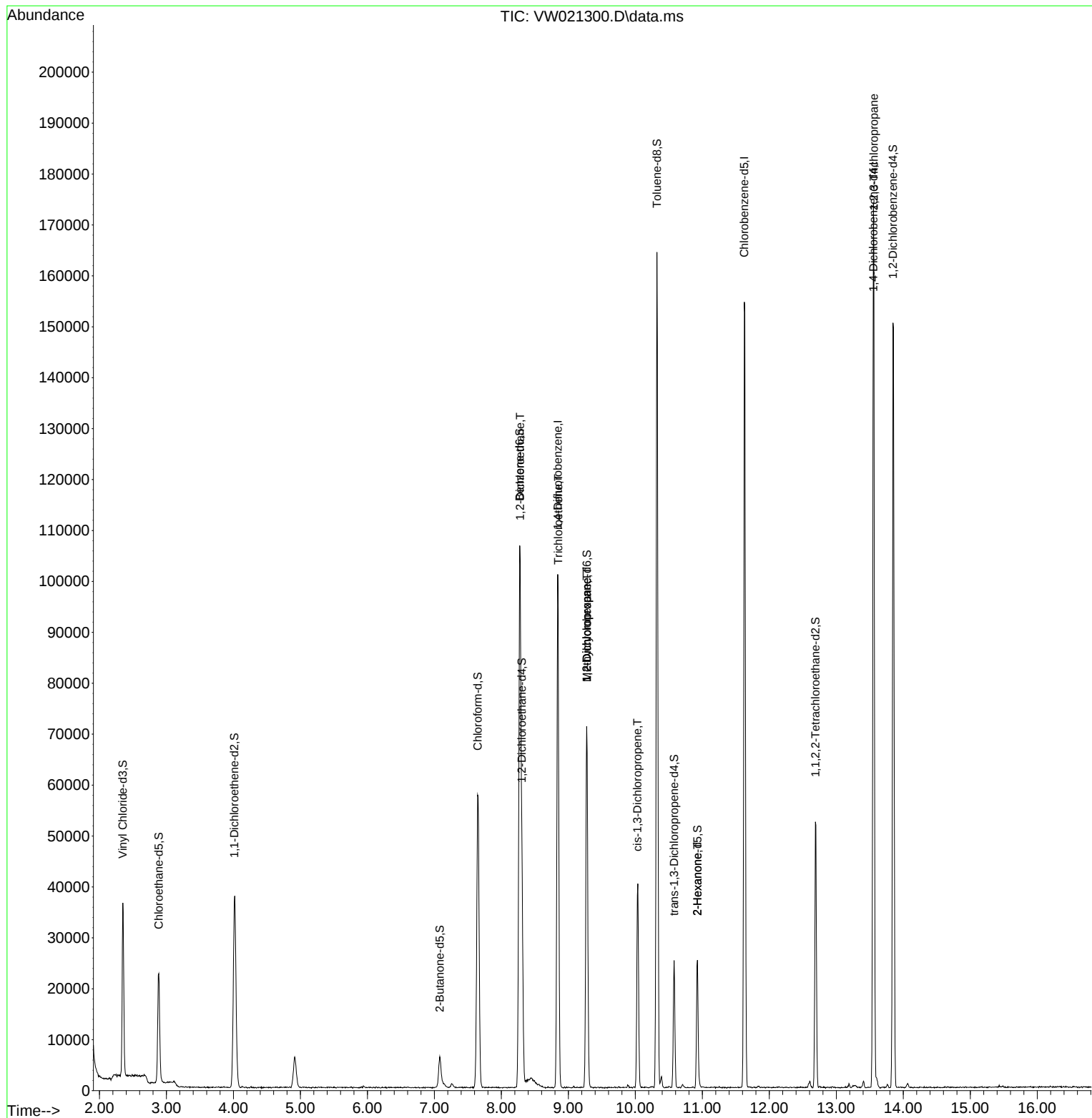
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	84203	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	85488	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	47727	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	32398	21.126	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.520%
7) Chloroethane-d5	2.885	69	24637	24.302	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.200%
11) 1,1-Dichloroethene-d2	4.013	63	34825	17.033	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.120%
21) 2-Butanone-d5	7.080	46	10210	47.231	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.460%
24) Chloroform-d	7.647	84	58110	24.764	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.040%
26) 1,2-Dichloroethane-d4	8.305	65	28953	23.196	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.800%
32) Benzene-d6	8.274	84	108188	23.088	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.360%
36) 1,2-Dichloropropane-d6	9.274	67	30445	24.226	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.920%
41) Toluene-d8	10.323	98	106584	22.262	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.040%
43) trans-1,3-Dichloroprop...	10.579	79	12595	21.766	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.080%
47) 2-Hexanone-d5	10.926	63	8317	44.755	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.520%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	24084	22.294	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.160%
66) 1,2-Dichlorobenzene-d4	13.847	152	39510	21.360	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.440%
Target Compounds						
					Qvalue	
27) 1,2-Dichloroethane	8.281	62	706	0.542	ug/L #	77
34) Trichloroethene	8.848	95	2512	1.922	ug/L #	5
35) Methylcyclohexane	9.274	83	8118	3.765	ug/L #	14
37) 1,2-Dichloropropane	9.274	63	3834	3.691	ug/L #	88
39) cis-1,3-Dichloropropene	10.030	75	1311	0.801	ug/L	83
48) 2-Hexanone	10.926	43	1386	3.377	ug/L #	66
61) 1,2,3-Trichloropropane	13.560	75	5663	8.153	ug/L #	68

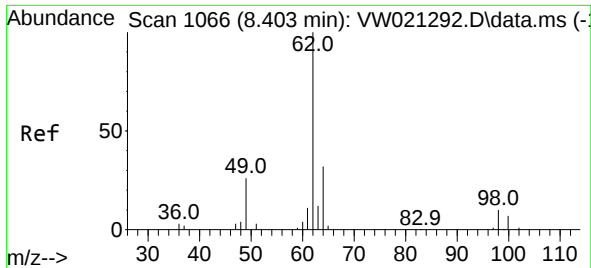
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_W
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Quant Time: Dec 11 03:27:30 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: 8.281 min Scan# 1106

Delta R.T. -0.122 min

Lab File: VW021300.D

Acq: 10 Dec 2021 23:13

Instrument :

MSVOA_W

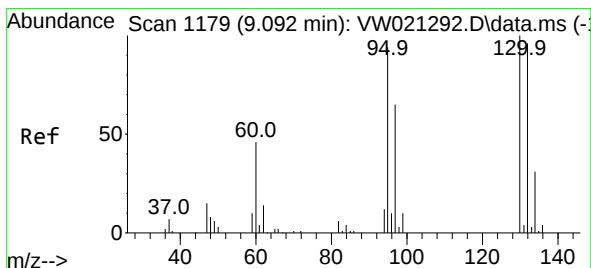
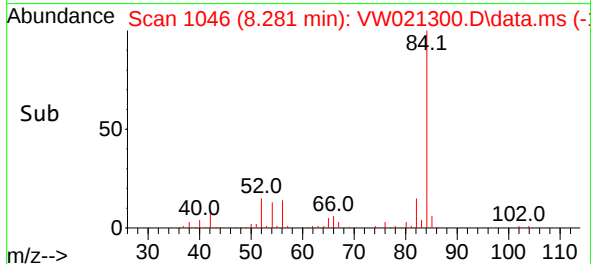
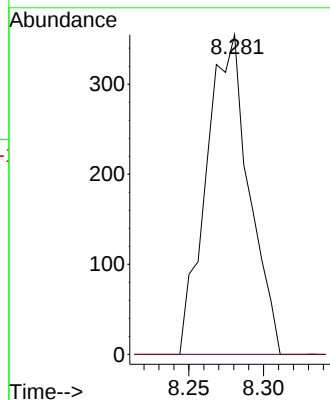
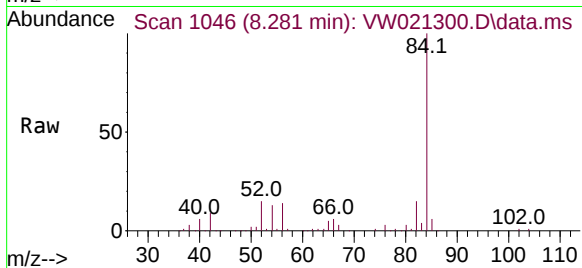
ClientSampleId :

Tgt Ion: 62 Resp: 706

Ion Ratio Lower Upper

62 100

98 0.0 6.5 9.7#



#34

Trichloroethene

Concen: 1.922 ug/L

RT: 8.848 min Scan# 1139

Delta R.T. -0.244 min

Lab File: VW021300.D

Acq: 10 Dec 2021 23:13

Tgt Ion: 95 Resp: 2512

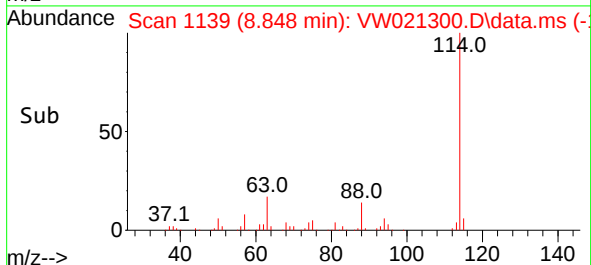
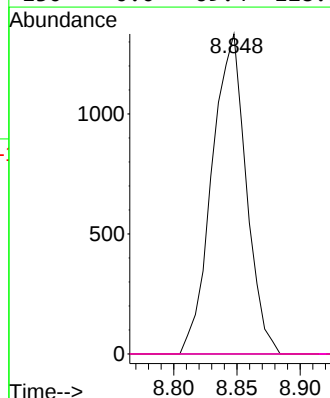
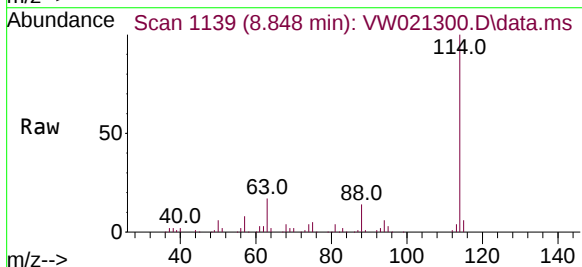
Ion Ratio Lower Upper

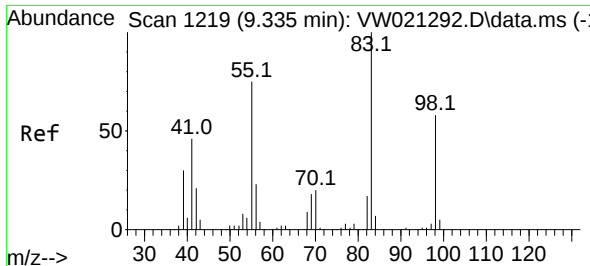
95 100

97 0.0 47.0 87.2#

132 0.0 65.5 121.6#

130 0.0 69.4 128.8#





#35

Methylcyclohexane

Concen: 3.765 ug/L

RT: 9.274 min Scan# 1209

Delta R.T. -0.061 min

Lab File: VW021300.D

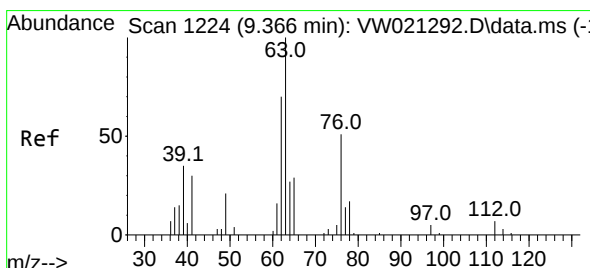
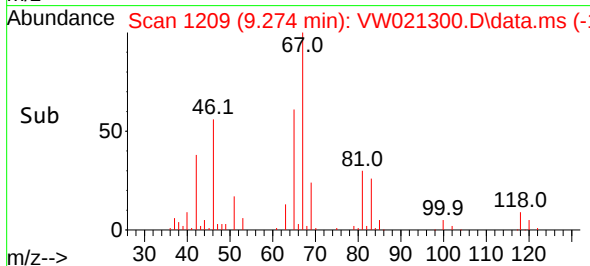
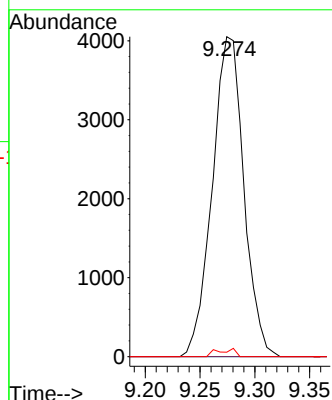
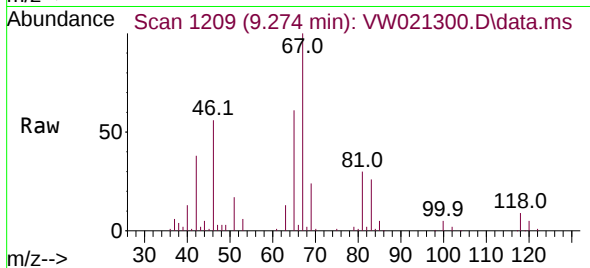
Acq: 10 Dec 2021 23:13

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 83	Resp: 8118
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: 3.691 ug/L

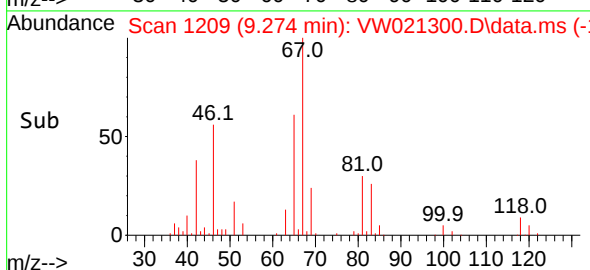
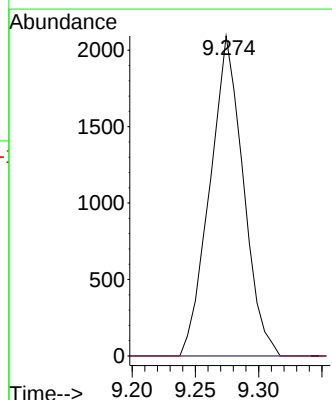
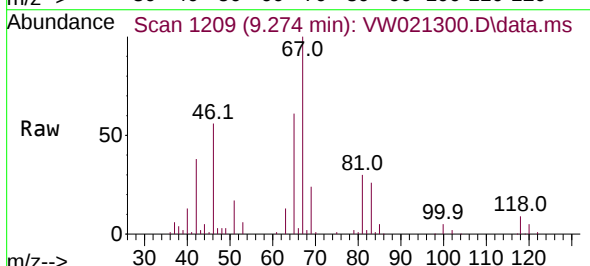
RT: 9.274 min Scan# 1209

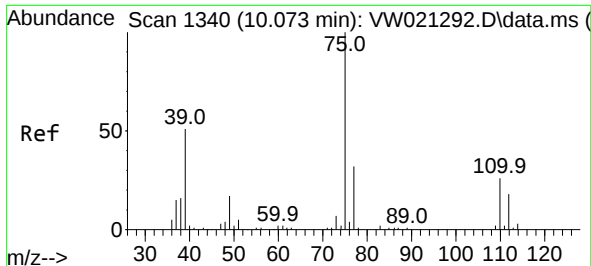
Delta R.T. -0.092 min

Lab File: VW021300.D

Acq: 10 Dec 2021 23:13

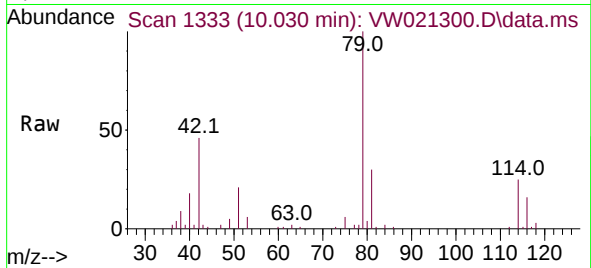
Tgt Ion: 63	Resp: 3834
Ion Ratio	Lower Upper
63	100
112	0.0 3.2 4.8#



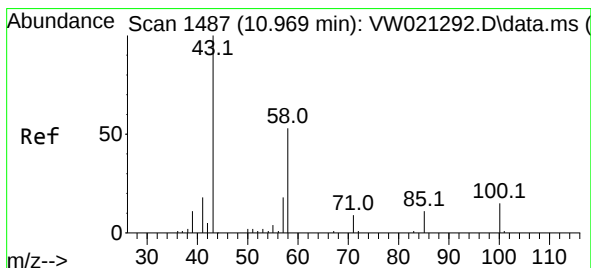
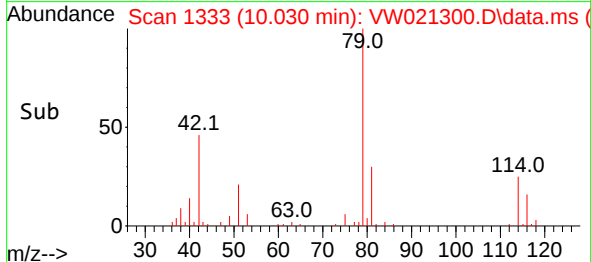
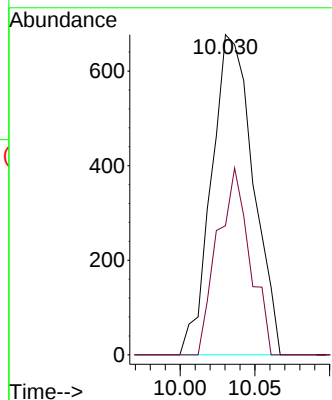


#39
 cis-1,3-Dichloropropene
 Concen: 0.801 ug/L
 RT: 10.030 min Scan# 11
 Delta R.T. -0.043 min
 Lab File: VW021300.D
 Acq: 10 Dec 2021 23:13

Instrument :
 MSVOA_W
 ClientSampleId :

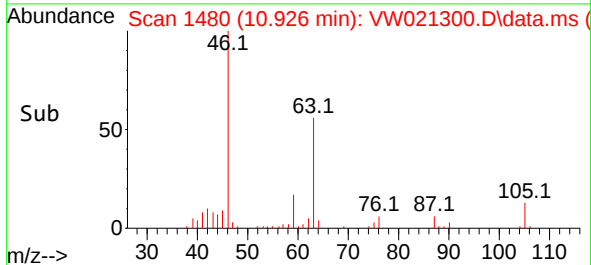
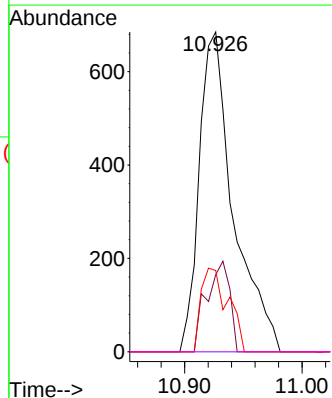
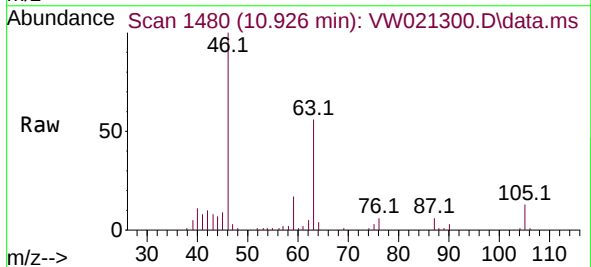


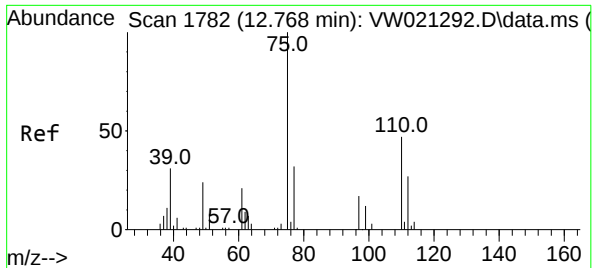
Tgt Ion: 75 Resp: 1311
 Ion Ratio Lower Upper
 75 100
 77 40.3 21.8 40.6



#48
 2-Hexanone
 Concen: 3.377 ug/L
 RT: 10.926 min Scan# 1480
 Delta R.T. -0.043 min
 Lab File: VW021300.D
 Acq: 10 Dec 2021 23:13

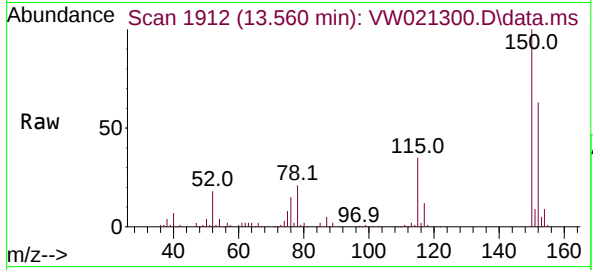
Tgt Ion: 43 Resp: 1386
 Ion Ratio Lower Upper
 43 100
 58 19.1 40.2 60.2#
 57 15.2 14.3 21.5
 100 0.0 8.0 12.0#





#61
 1,2,3-Trichloropropane
 Concen: 8.153 ug/L
 RT: 13.560 min Scan# 1912
 Delta R.T. 0.792 min
 Lab File: VW021300.D
 Acq: 10 Dec 2021 23:13

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 75 Resp: 5663

Ion	Ratio	Lower	Upper
75	100		
77	34.8	25.8	38.8
110	2.4	29.0	43.4#

