

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121021\
 Data File : VW021290.D
 Acq On : 10 Dec 2021 17:24
 Operator : SY/VA
 Sample : M5004-14RE
 Misc : 6.02g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 10 22:10:25 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)

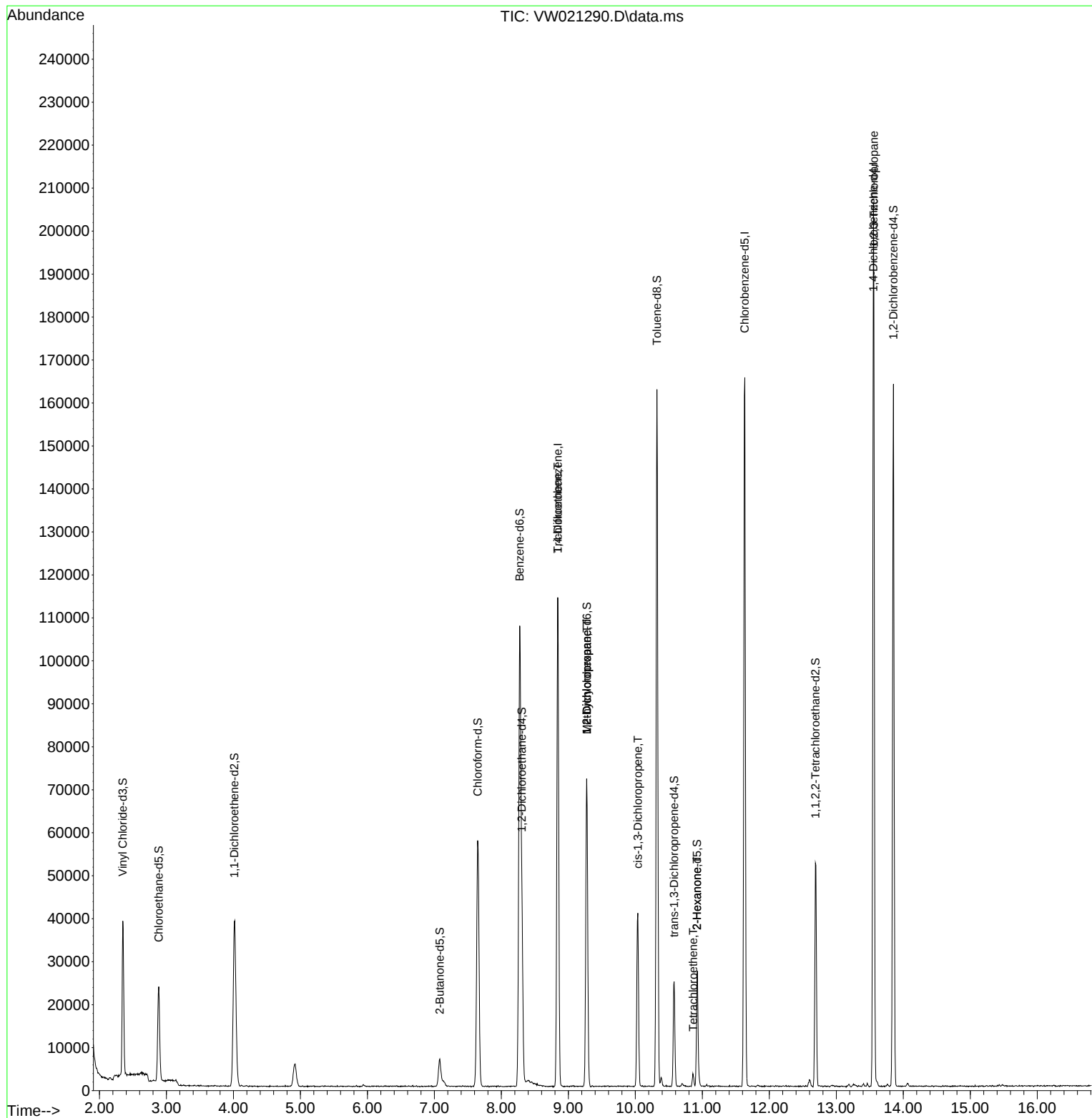
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	95960	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	94505	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	54419	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	34282	19.616	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.480%
7) Chloroethane-d5	2.885	69	25351	21.942	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.760%
11) 1,1-Dichloroethene-d2	4.013	63	35729	15.334	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.320%
21) 2-Butanone-d5	7.080	46	10750	43.636	ug/L	-0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.280%
24) Chloroform-d	7.647	84	57562	21.525	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.120%
26) 1,2-Dichloroethane-d4	8.305	65	29137	20.483	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.920%
32) Benzene-d6	8.275	84	108451	20.936	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.760%
36) 1,2-Dichloropropane-d6	9.274	67	30025	21.612	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.440%
41) Toluene-d8	10.323	98	105575	19.947	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.800%
43) trans-1,3-Dichloroprop...	10.579	79	12929	20.212	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.840%
47) 2-Hexanone-d5	10.920	63	8707	42.384	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.760%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	24520	20.532	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.120%
66) 1,2-Dichlorobenzene-d4	13.853	152	43217	20.491	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.960%
Target Compounds						Qvalue
34) Trichloroethene	8.842	95	2819	1.951	ug/L #	5
35) Methylcyclohexane	9.274	83	8205	3.442	ug/L #	14
37) 1,2-Dichloropropane	9.274	63	3848	3.351	ug/L #	88
39) cis-1,3-Dichloropropene	10.036	75	1294	0.715	ug/L #	58
46) Tetrachloroethene	10.866	164	646	0.471	ug/L	92
48) 2-Hexanone	10.920	43	1578	3.478	ug/L #	61
61) 1,2,3-Trichloropropane	13.560	75	5987	7.559	ug/L #	67

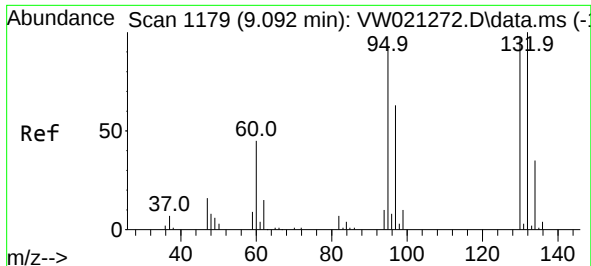
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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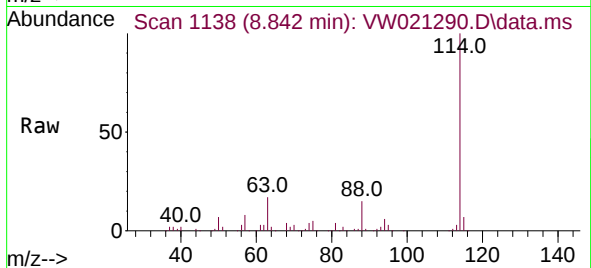
Quant Time: Dec 10 22:10:25 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Dec 10 22:05:53 2021
Response via : Initial Calibration



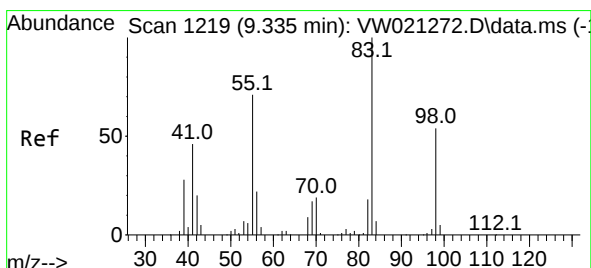
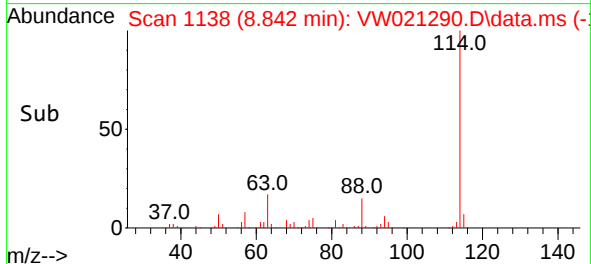
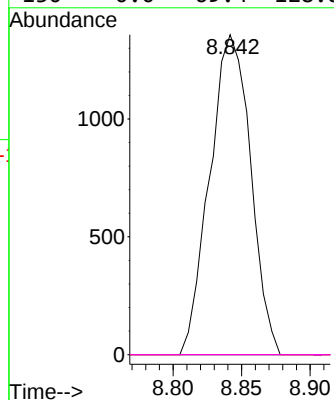


#34
Trichloroethene
Concen: 1.951 ug/L
RT: 8.842 min Scan# 1179
Delta R.T. -0.250 min
Lab File: VW021290.D
Acq: 10 Dec 2021 17:24

Instrument :
MSVOA_W
ClientSampleId :

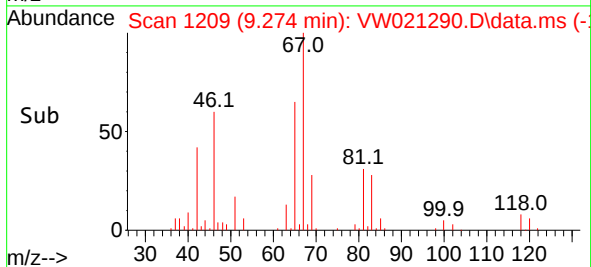
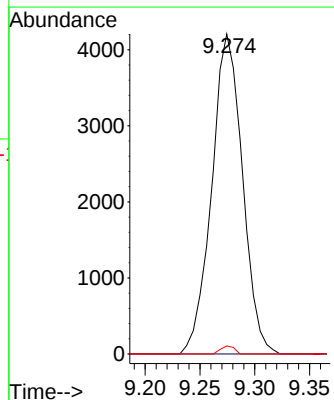
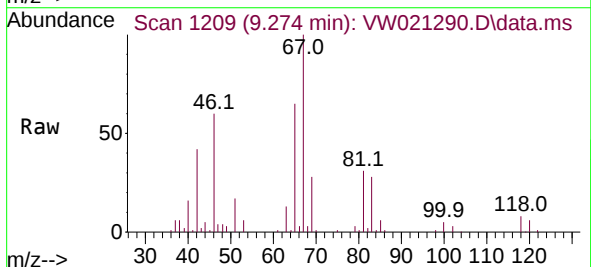


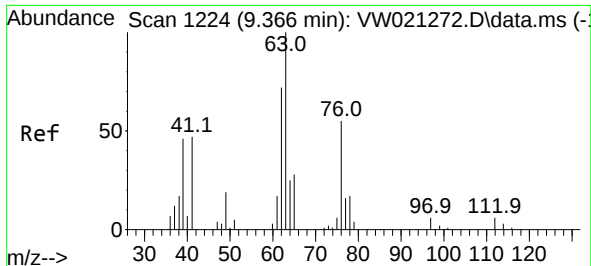
Tgt Ion: 95 Resp: 2819
Ion Ratio Lower Upper
95 100
97 0.0 47.0 87.2#
132 0.0 65.5 121.6#
130 0.0 69.4 128.8#



#35
Methylcyclohexane
Concen: 3.442 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW021290.D
Acq: 10 Dec 2021 17:24

Tgt Ion: 83 Resp: 8205
Ion Ratio Lower Upper
83 100
55 0.0 70.8 106.2#
98 1.1 37.7 56.5#





#37

1,2-Dichloropropane

Concen: 3.351 ug/L

RT: 9.274 min Scan# 11

Delta R.T. -0.092 min

Lab File: VW021290.D

Acq: 10 Dec 2021 17:24

Instrument :

MSVOA_W

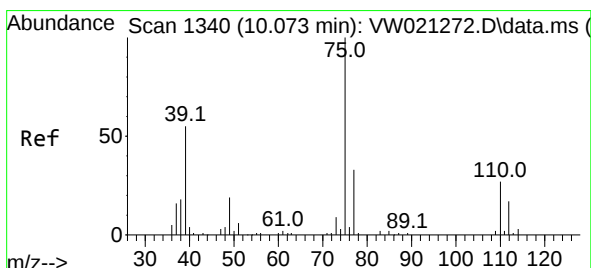
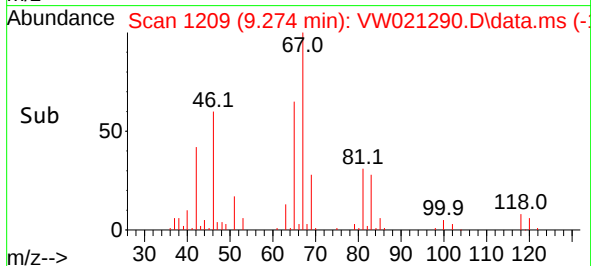
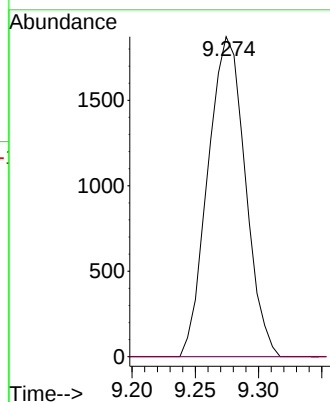
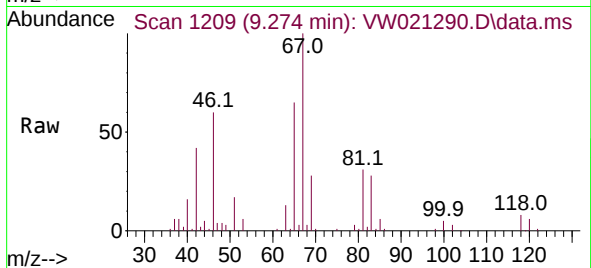
ClientSampleId :

Tgt Ion: 63 Resp: 3848

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.715 ug/L

RT: 10.036 min Scan# 1334

Delta R.T. -0.037 min

Lab File: VW021290.D

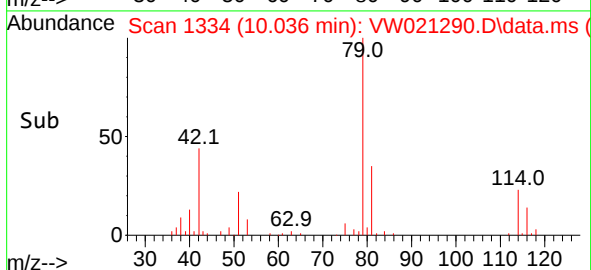
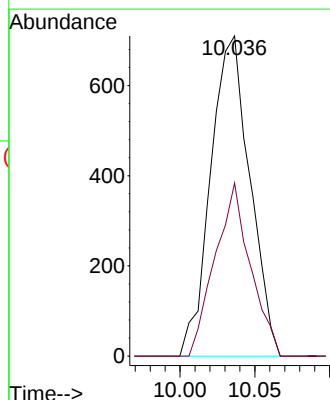
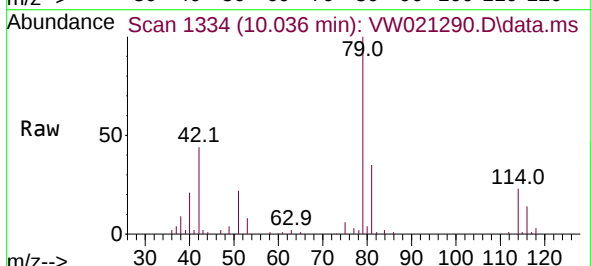
Acq: 10 Dec 2021 17:24

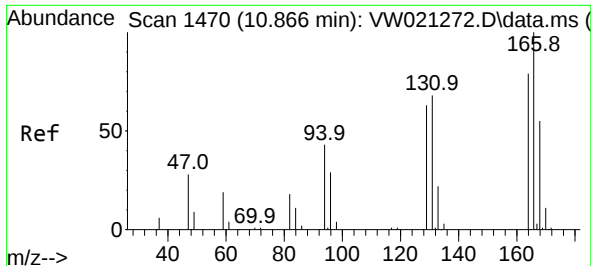
Tgt Ion: 75 Resp: 1294

Ion Ratio Lower Upper

75 100

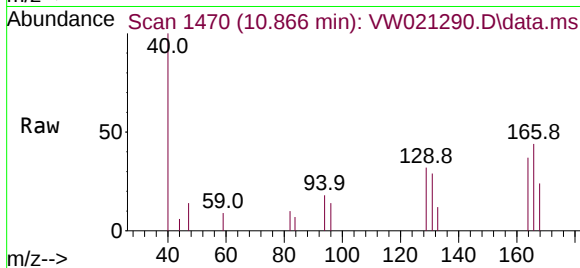
77 54.1 21.8 40.6#



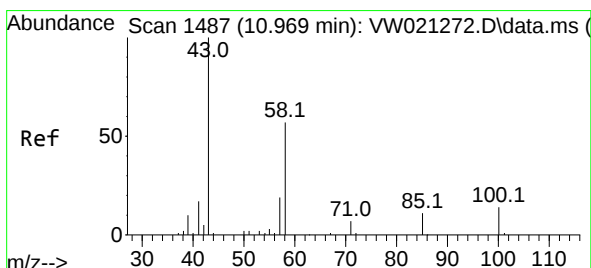
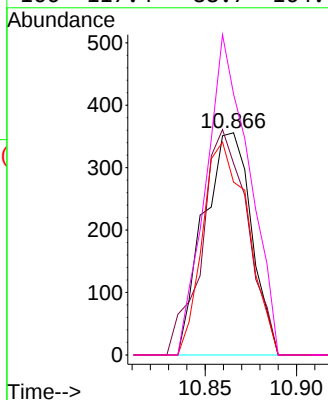
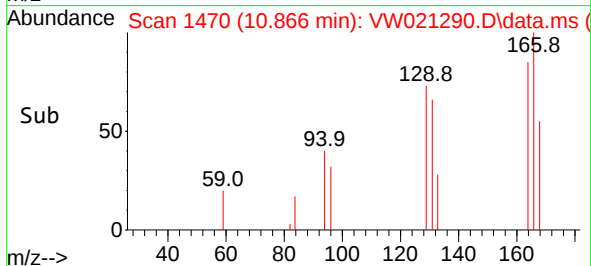


#46
Tetrachloroethene
Concen: 0.471 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VW021290.D
Acq: 10 Dec 2021 17:24

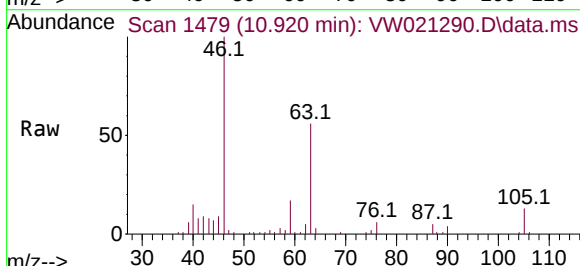
Instrument :
MSVOA_W
ClientSampleId :



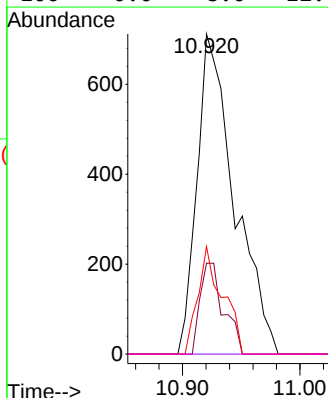
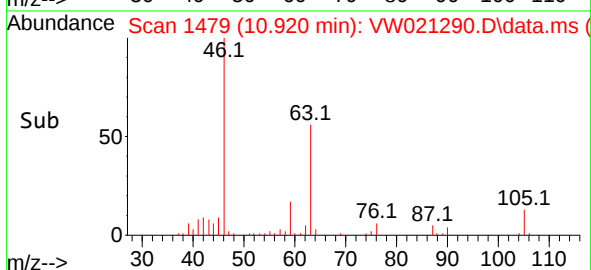
Tgt Ion:	164	Resp:	646
Ion	Ratio	Lower	Upper
164	100		
129	86.2	65.5	121.7
131	77.8	59.7	110.9
166	117.4	88.7	164.7

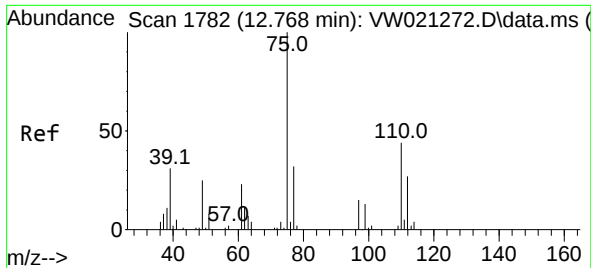


#48
2-Hexanone
Concen: 3.478 ug/L
RT: 10.920 min Scan# 1479
Delta R.T. -0.049 min
Lab File: VW021290.D
Acq: 10 Dec 2021 17:24



Tgt Ion:	43	Resp:	1578
Ion	Ratio	Lower	Upper
43	100		
58	14.1	40.2	60.2#
57	22.2	14.3	21.5#
100	0.0	8.0	12.0#





#61

1,2,3-Trichloropropane

Concen: 7.559 ug/L

RT: 13.560 min Scan# 1912

Delta R.T. 0.792 min

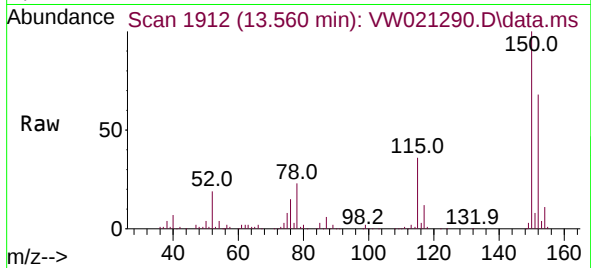
Lab File: VW021290.D

Acq: 10 Dec 2021 17:24

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 75 Resp: 5987

Ion Ratio Lower Upper

75 100

77 36.4 25.8 38.8

110 3.5 29.0 43.4#

