

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
 Data File : VW021068.D
 Acq On : 03 Dec 2021 16:52
 Operator : SY/VA
 Sample : M4881-06RE
 Misc : 5.44g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 04 01:39:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 04 01:31:24 2021
 Response via : Initial Calibration

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

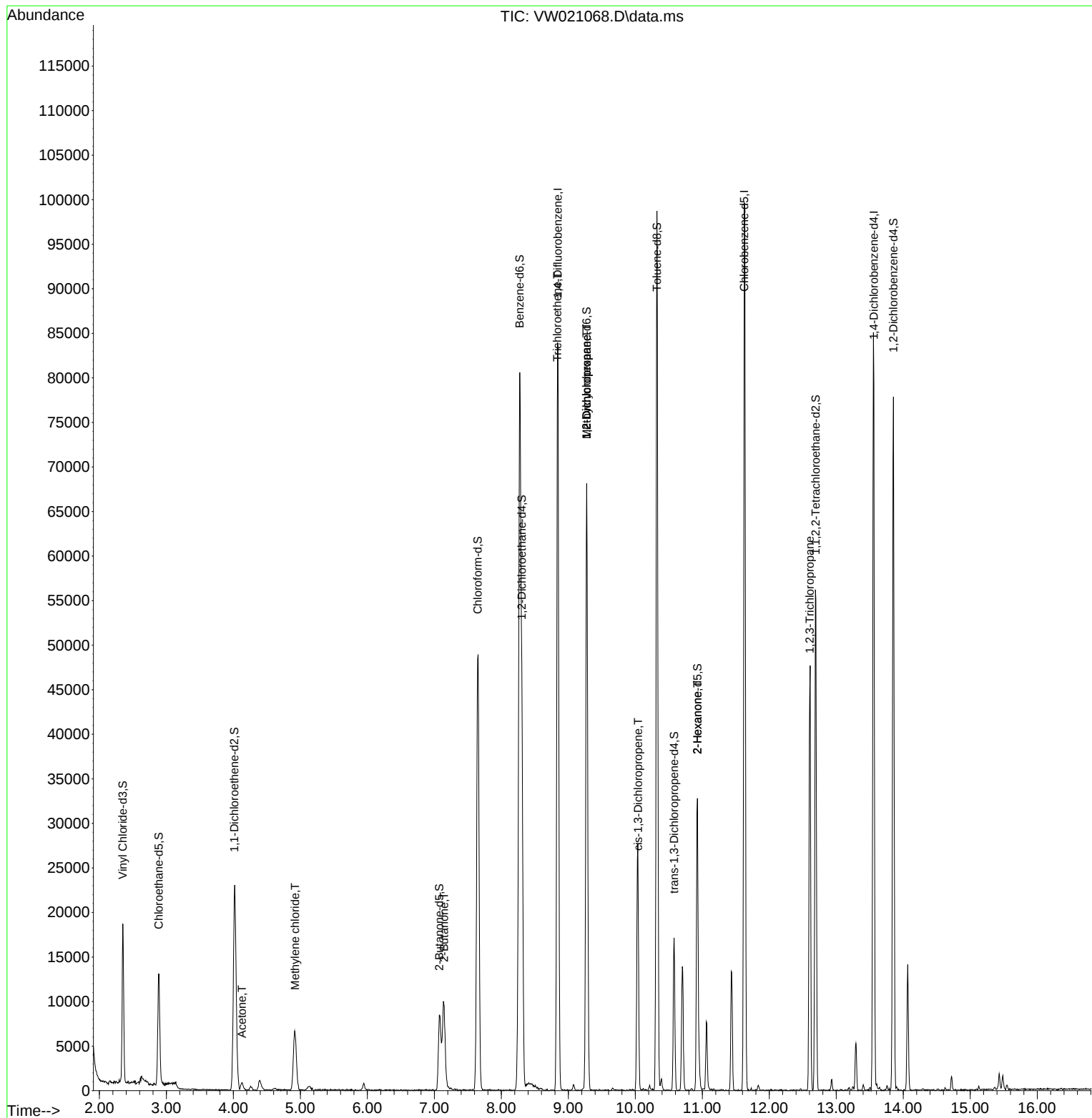
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	73411	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	56560	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	22914	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	15994	15.637	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.560%
7) Chloroethane-d5	2.885	69	14116	20.617	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.480%
11) 1,1-Dichloroethene-d2	4.013	63	20946	12.819	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.280%
21) 2-Butanone-d5	7.074	46	14031	60.142	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.280%
24) Chloroform-d	7.647	84	50211	27.311	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.240%
26) 1,2-Dichloroethane-d4	8.305	65	29728	29.557	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	118.240%
32) Benzene-d6	8.275	84	77155	26.679	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.720%
36) 1,2-Dichloropropane-d6	9.274	67	28173	35.055	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	140.240%#
41) Toluene-d8	10.323	98	64237	21.663	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.640%
43) trans-1,3-Dichloroprop...	10.579	79	8709	23.865	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.480%
47) 2-Hexanone-d5	10.927	63	10853	70.583	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	141.160%#
56) 1,1,2,2-Tetrachloroeth...	12.695	84	25625	34.465	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	137.840%#
66) 1,2-Dichlorobenzene-d4	13.853	152	20322	24.753	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.000%
Target Compounds					Qvalue	
13) Acetone	4.129	43	1579	7.430	ug/L	89
16) Methylene chloride	4.922	84	5451	4.713	ug/L	82
22) 2-Butanone	7.147	43	2326	7.909	ug/L	# 52
34) Trichloroethene	8.836	95	2184	2.461	ug/L	# 5
35) Methylcyclohexane	9.274	83	7477	5.006	ug/L	# 14
37) 1,2-Dichloropropane	9.274	63	3731	5.132	ug/L	# 88
39) cis-1,3-Dichloropropene	10.043	75	837	0.712	ug/L	# 65
48) 2-Hexanone	10.927	43	1780	4.982	ug/L	# 68
61) 1,2,3-Trichloropropane	12.603	75	515	1.342	ug/L	# 69

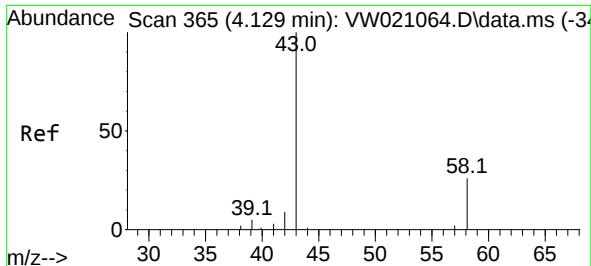
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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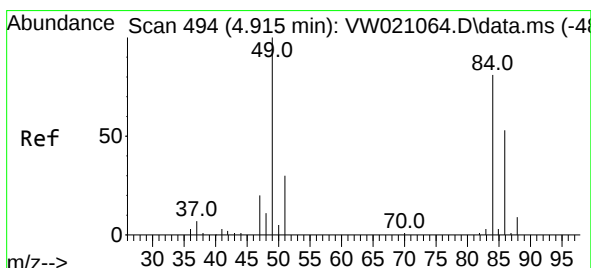
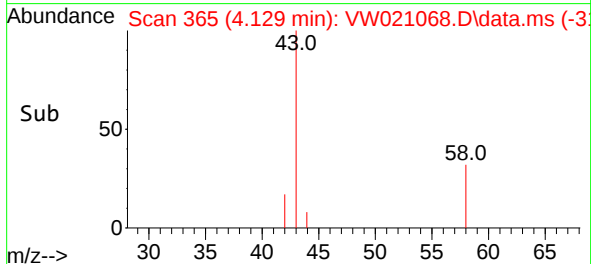
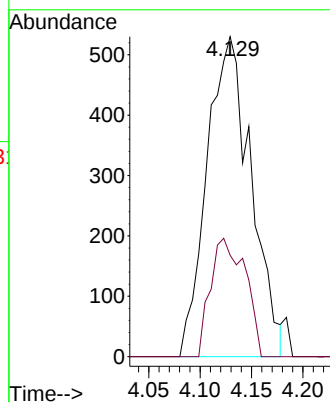
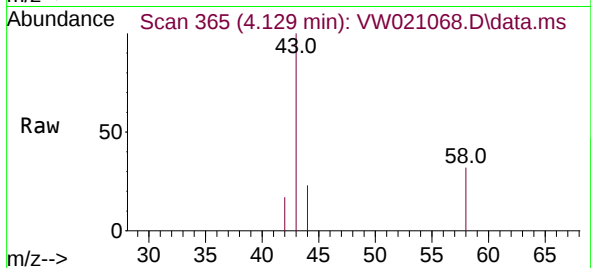




#13
Acetone
Concen: 7.430 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.000 min
Lab File: VW021068.D
Acq: 03 Dec 2021 16:52

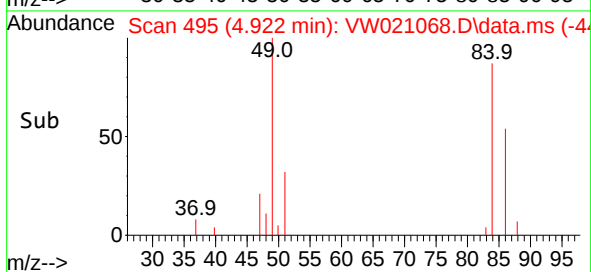
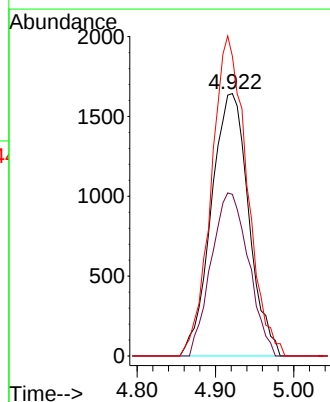
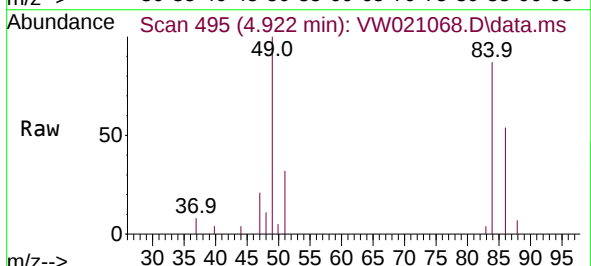
Instrument :
MSVOA_W
ClientSampleId :

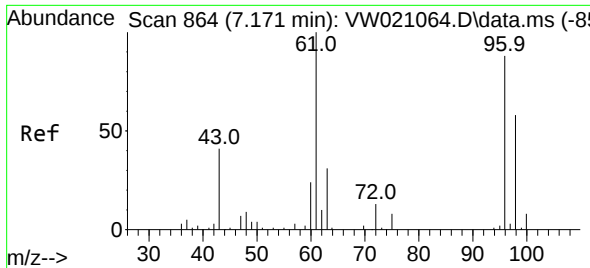
Tgt Ion: 43 Resp: 1579
Ion Ratio Lower Upper
43 100
58 20.9 0.0 52.8



#16
Methylene chloride
Concen: 4.713 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW021068.D
Acq: 03 Dec 2021 16:52

Tgt Ion: 84 Resp: 5451
Ion Ratio Lower Upper
84 100
86 61.6 45.5 84.5
49 114.3 100.5 186.7

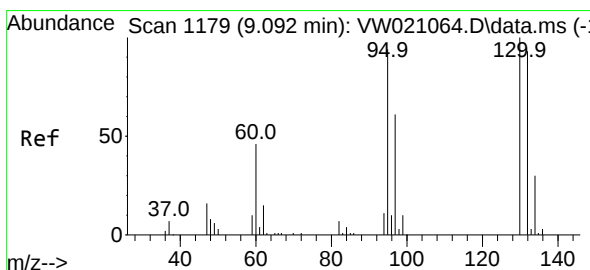
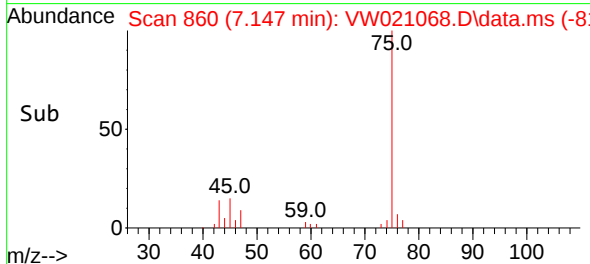
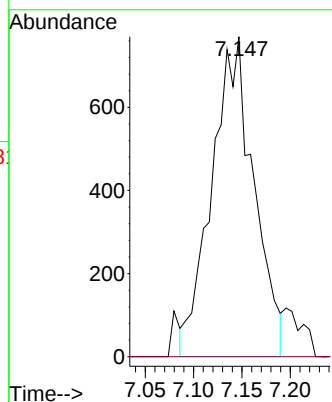
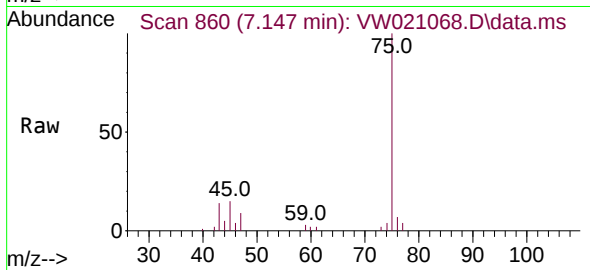




#22
2-Butanone
Concen: 7.909 ug/L
RT: 7.147 min Scan# 80
Delta R.T. -0.024 min
Lab File: VW021068.D
Acq: 03 Dec 2021 16:52

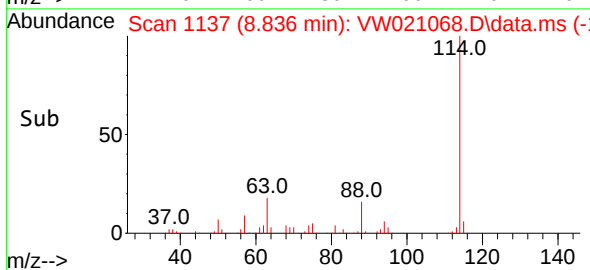
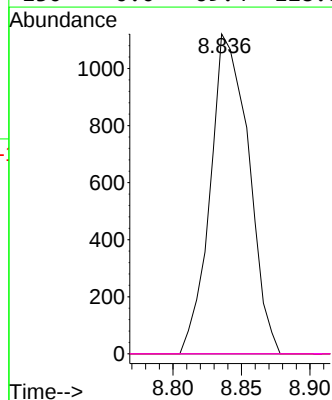
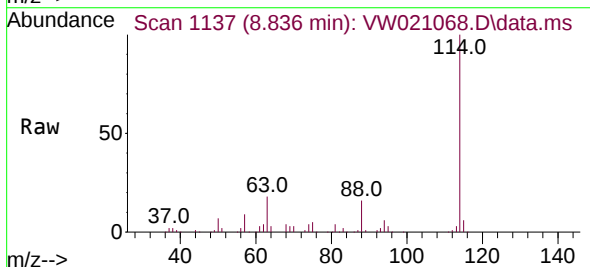
Instrument :
MSVOA_W
ClientSampleId :

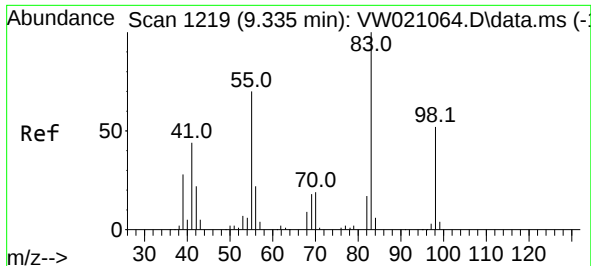
Tgt Ion: 43 Resp: 2326
Ion Ratio Lower Upper
43 100
72 0.0 11.8 35.4#



#34
Trichloroethene
Concen: 2.461 ug/L
RT: 8.836 min Scan# 1137
Delta R.T. -0.256 min
Lab File: VW021068.D
Acq: 03 Dec 2021 16:52

Tgt Ion: 95 Resp: 2184
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: 5.006 ug/L

RT: 9.274 min Scan# 1209

Delta R.T. -0.061 min

Lab File: VW021068.D

Acq: 03 Dec 2021 16:52

Instrument :

MSVOA_W

ClientSampleId :

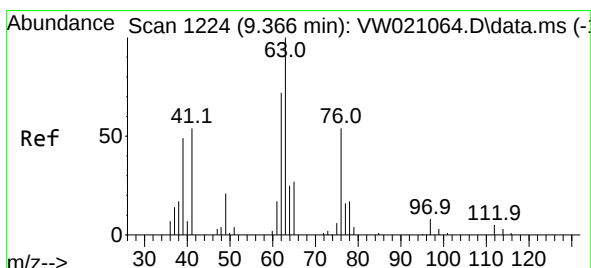
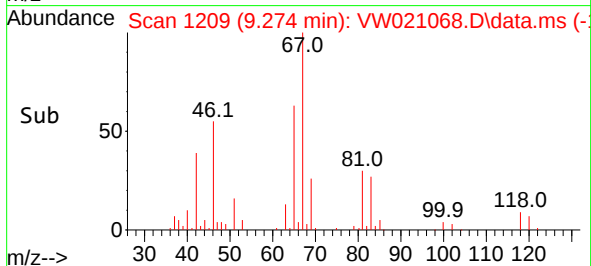
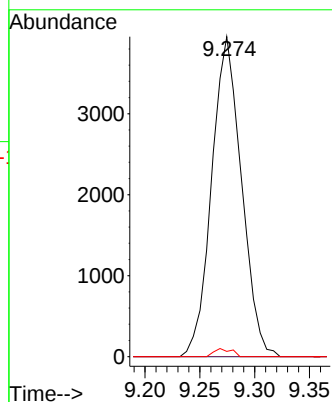
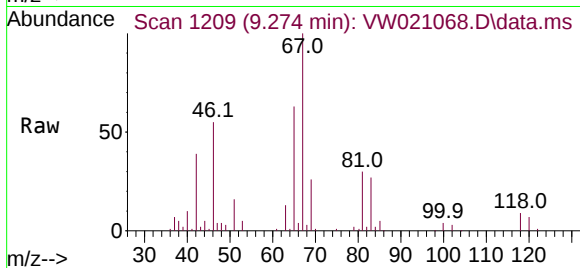
Tgt Ion: 83 Resp: 7477

Ion Ratio Lower Upper

83 100

55 0.0 70.8 106.2#

98 1.5 37.7 56.5#



#37

1,2-Dichloropropane

Concen: 5.132 ug/L

RT: 9.274 min Scan# 1209

Delta R.T. -0.091 min

Lab File: VW021068.D

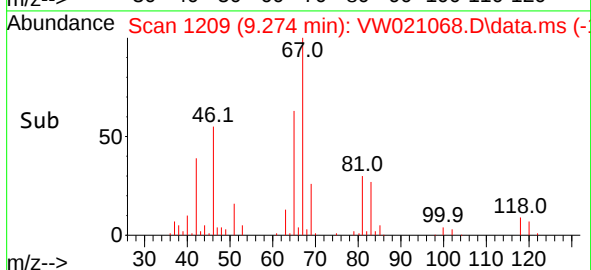
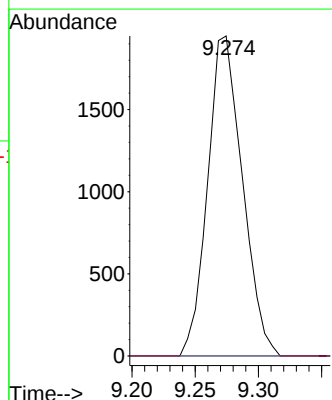
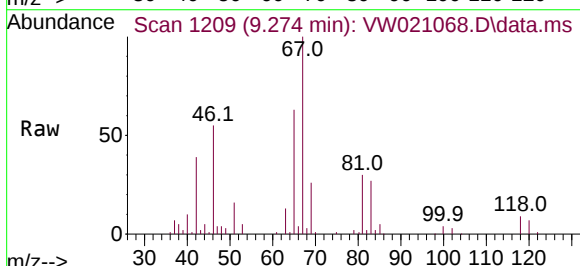
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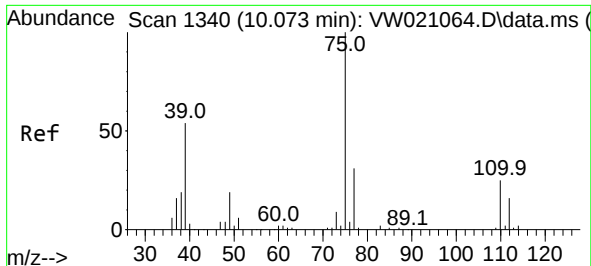
Tgt Ion: 63 Resp: 3731

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.712 ug/L

RT: 10.043 min Scan# 11

Delta R.T. -0.030 min

Lab File: VW021068.D

Acq: 03 Dec 2021 16:52

Instrument :

MSVOA_W

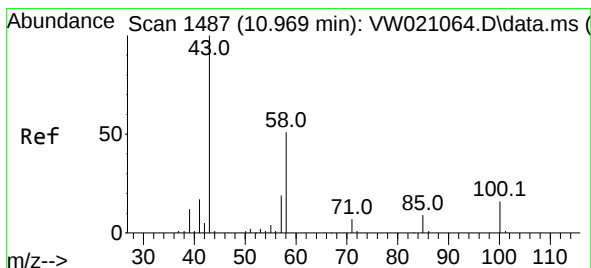
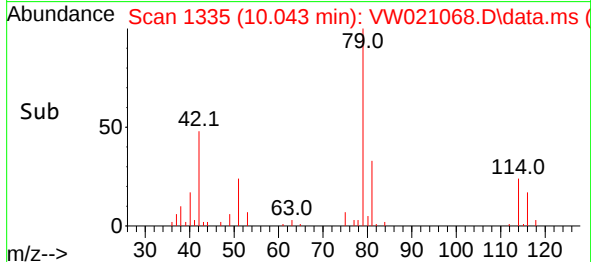
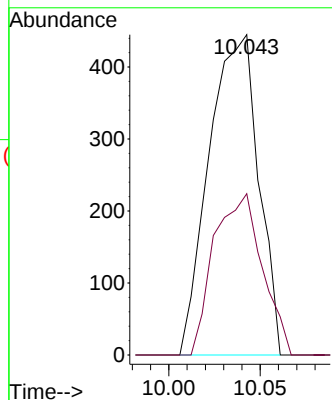
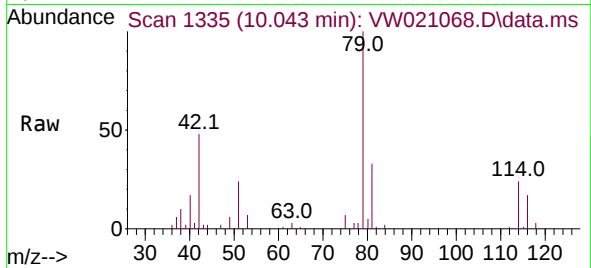
ClientSampleId :

Tgt Ion: 75 Resp: 837

Ion Ratio Lower Upper

75 100

77 50.3 21.8 40.6#



#48

2-Hexanone

Concen: 4.982 ug/L

RT: 10.927 min Scan# 1480

Delta R.T. -0.043 min

Lab File: VW021068.D

Acq: 03 Dec 2021 16:52

Tgt Ion: 43 Resp: 1780

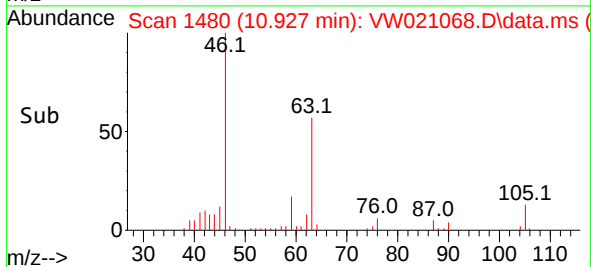
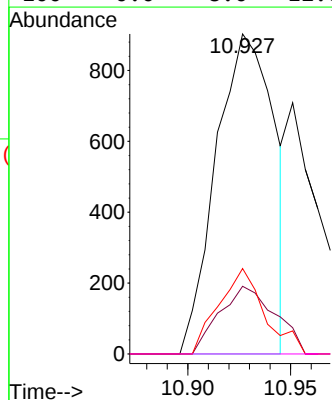
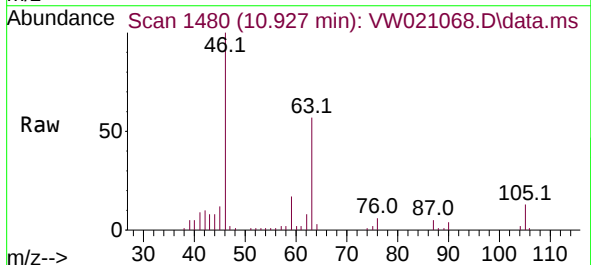
Ion Ratio Lower Upper

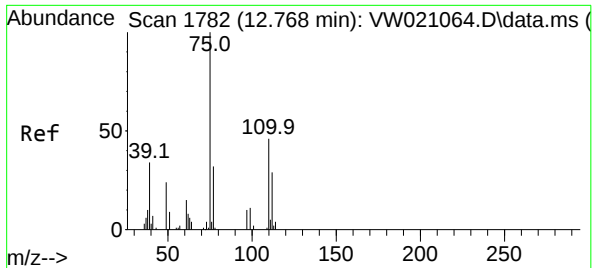
43 100

58 20.2 40.2 60.2#

57 19.8 14.3 21.5

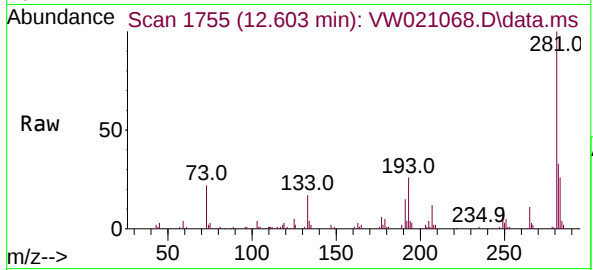
100 0.0 8.0 12.0#





#61
 1,2,3-Trichloropropane
 Concen: 1.342 ug/L
 RT: 12.603 min Scan# 11
 Delta R.T. -0.165 min
 Lab File: VW021068.D
 Acq: 03 Dec 2021 16:52

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 75	Resp:	515
Ion	Ratio	Lower Upper
75	100	
77	0.0	25.8 38.8#
110	32.4	29.0 43.4

