

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122721\
 Data File : VW021662.D
 Acq On : 27 Dec 2021 14:21
 Operator : SY/VA
 Sample : M5062-21
 Misc : 5.02g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

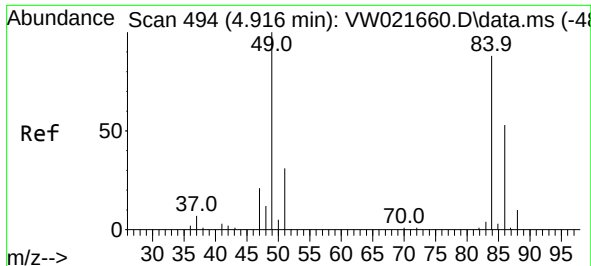
Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 28 00:41:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Dec 28 00:40:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	107203	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	104773	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	61718	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	40536	20.762	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.040%
7) Chloroethane-d5	2.891	69	27749	21.499	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.000%
11) 1,1-Dichloroethene-d2	4.013	63	48631	18.683	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.720%
21) 2-Butanone-d5	7.098	46	13879	50.429	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.860%
24) Chloroform-d	7.653	84	71015	23.771	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.080%
26) 1,2-Dichloroethane-d4	8.305	65	38545	24.255	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.040%
32) Benzene-d6	8.275	84	139895	24.359	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.440%
36) 1,2-Dichloropropane-d6	9.274	67	37634	24.435	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.720%
41) Toluene-d8	10.323	98	140298	23.910	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.640%
43) trans-1,3-Dichloroprop...	10.579	79	16289	22.969	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.880%
47) 2-Hexanone-d5	10.927	63	11619	51.016	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.040%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	30282	22.871	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.480%
66) 1,2-Dichlorobenzene-d4	13.853	152	55313	23.125	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.480%
Target Compounds						Qvalue
16) Methylene chloride	4.915	84	7024	3.965	ug/L	80
27) 1,2-Dichloroethane	8.275	62	954	0.575	ug/L	# 77
34) Trichloroethene	8.842	95	3262	2.036	ug/L	# 5
35) Methylcyclohexane	9.274	83	10229	3.870	ug/L	# 15
37) 1,2-Dichloropropane	9.281	63	4868	3.824	ug/L	# 88
39) cis-1,3-Dichloropropene	10.037	75	1526	0.760	ug/L	# 63
48) 2-Hexanone	10.927	43	1487	2.956	ug/L	# 70

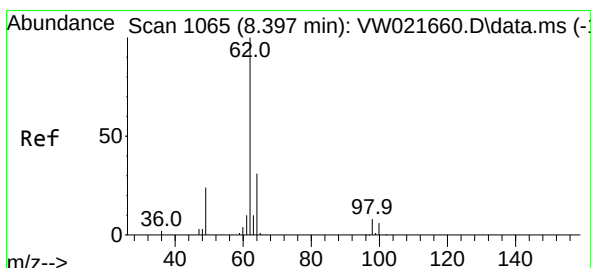
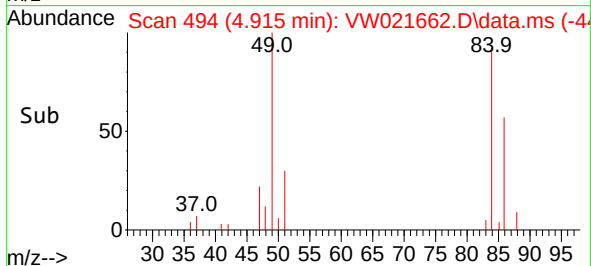
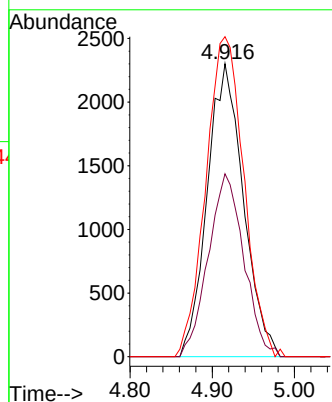
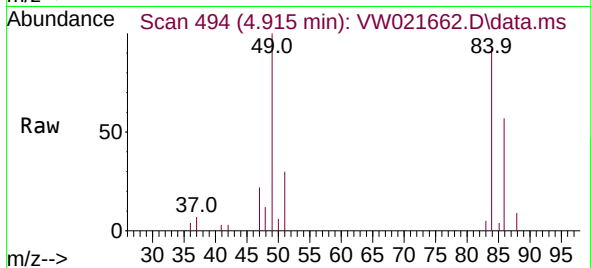
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#16
Methylene chloride
Concen: 3.965 ug/L
RT: 4.915 min Scan# 49
Delta R.T. -0.000 min
Lab File: VW021662.D
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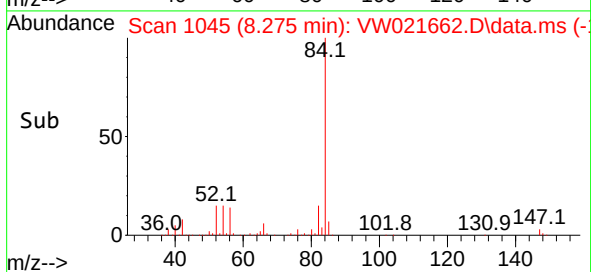
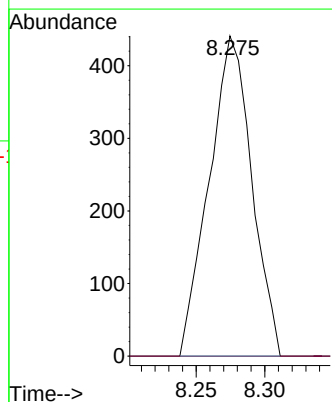
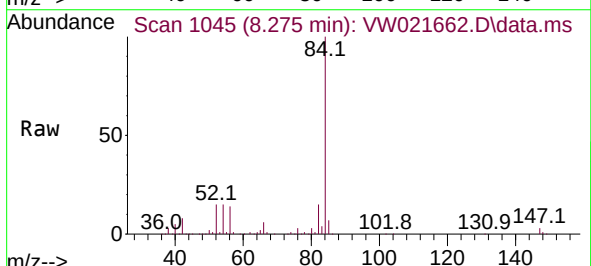
Instrument :
MSVOA_W
ClientSampleId :

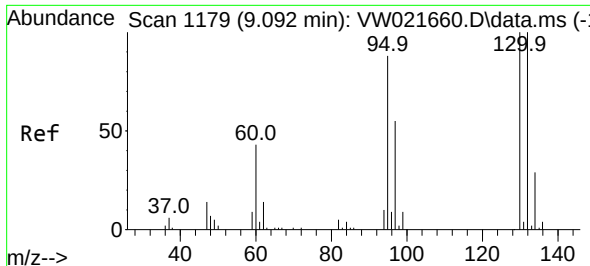
Tgt Ion: 84 Resp: 7024
Ion Ratio Lower Upper
84 100
86 62.4 45.5 84.5
49 109.2 100.5 186.7



#27
1,2-Dichloroethane
Concen: 0.575 ug/L
RT: 8.275 min Scan# 1045
Delta R.T. -0.122 min
Lab File: VW021662.D
Acq: 27 Dec 2021 14:21

Tgt Ion: 62 Resp: 954
Ion Ratio Lower Upper
62 100
98 0.0 6.5 9.7#





#34

Trichloroethene

Concen: 2.036 ug/L

RT: 8.842 min Scan# 1179

Delta R.T. -0.250 min

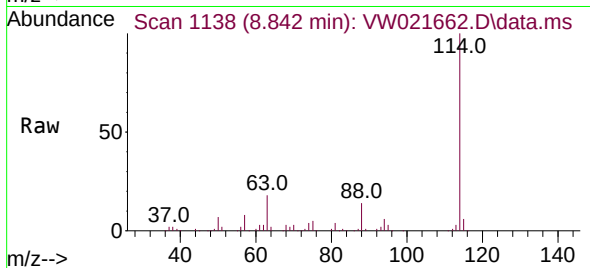
Lab File: VW021662.D

Acq: 27 Dec 2021 14:21

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 3262

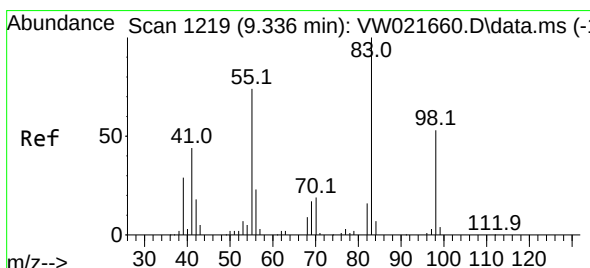
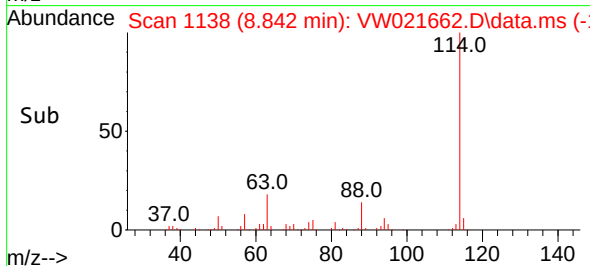
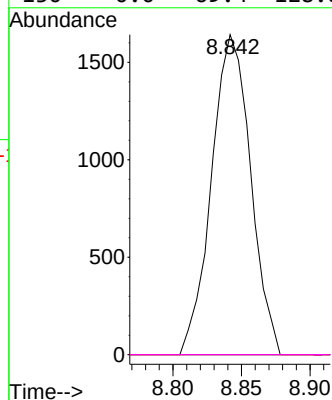
Ion Ratio Lower Upper

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: 3.870 ug/L

RT: 9.274 min Scan# 1209

Delta R.T. -0.061 min

Lab File: VW021662.D

Acq: 27 Dec 2021 14:21

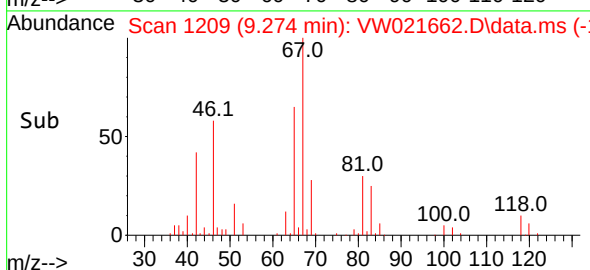
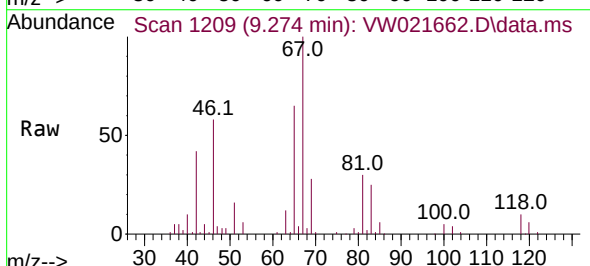
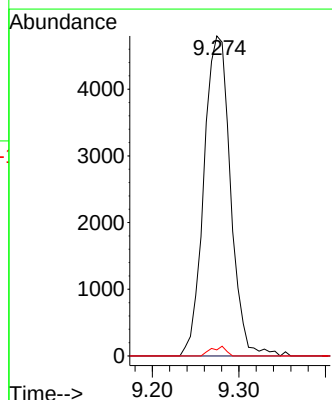
Tgt Ion: 83 Resp: 10229

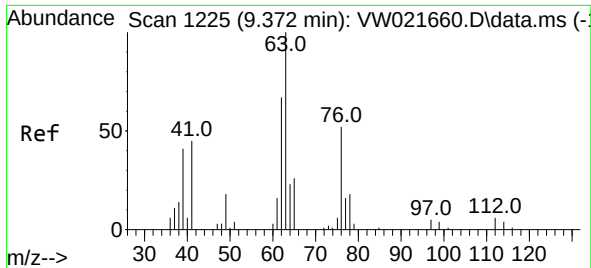
Ion Ratio Lower Upper

83 100

55 0.0 70.8 106.2#

98 1.7 37.7 56.5#





#37

1,2-Dichloropropane

Concen: 3.824 ug/L

RT: 9.281 min Scan# 11

Delta R.T. -0.092 min

Lab File: VW021662.D

Acq: 27 Dec 2021 14:21

Instrument :

MSVOA_W

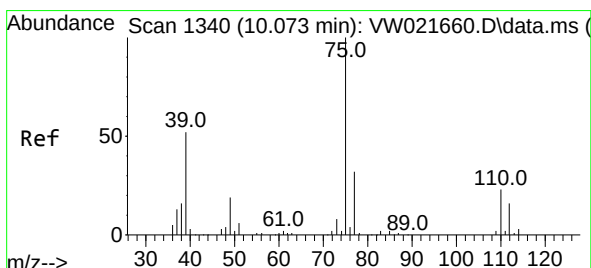
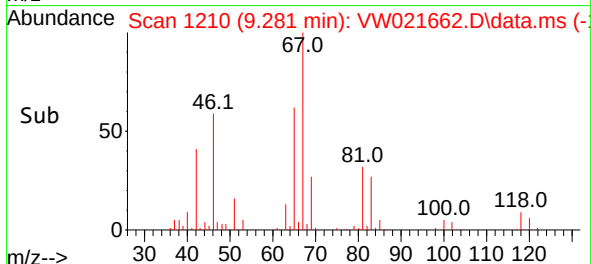
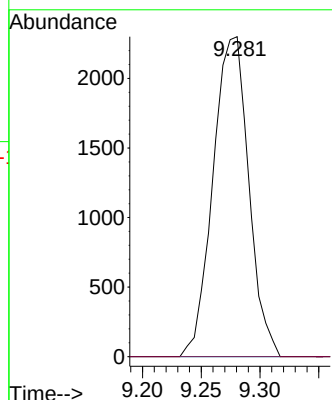
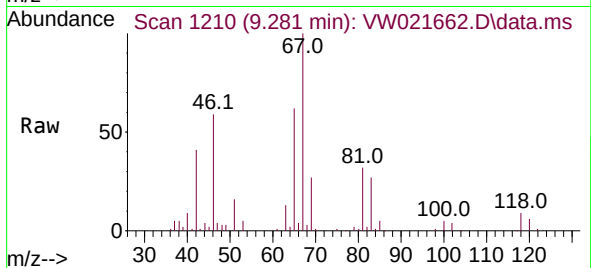
ClientSampleId :

Tgt Ion: 63 Resp: 4868

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.760 ug/L

RT: 10.037 min Scan# 1334

Delta R.T. -0.037 min

Lab File: VW021662.D

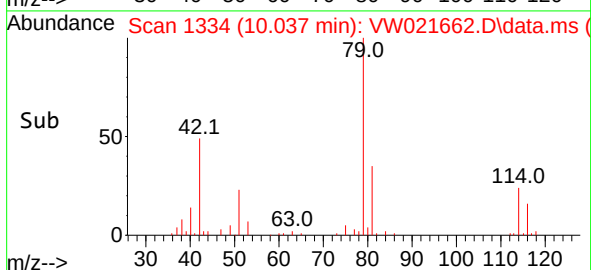
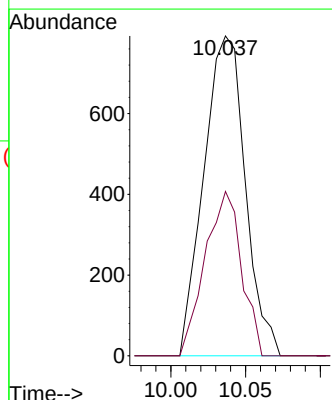
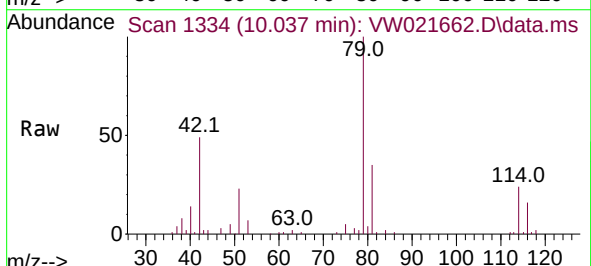
Acq: 27 Dec 2021 14:21

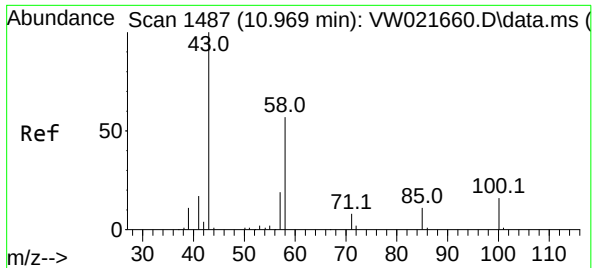
Tgt Ion: 75 Resp: 1526

Ion Ratio Lower Upper

75 100

77 51.4 21.8 40.6#





#48

2-Hexanone

Concen: 2.956 ug/L

RT: 10.927 min Scan# 14

Delta R.T. -0.043 min

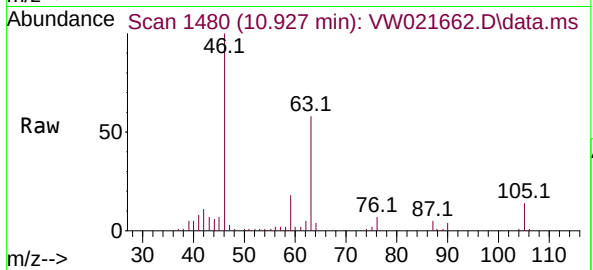
Lab File: VW021662.D

Acq: 27 Dec 2021 14:21

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 1487

Ion Ratio Lower Upper

43 100

58 23.8 40.2 60.2#

57 21.7 14.3 21.5#

100 0.0 8.0 12.0#

