

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122521\
 Data File : VW021651.D
 Acq On : 25 Dec 2021 17:21
 Operator : SY/VA
 Sample : M5213-14RE
 Misc : 6.07g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

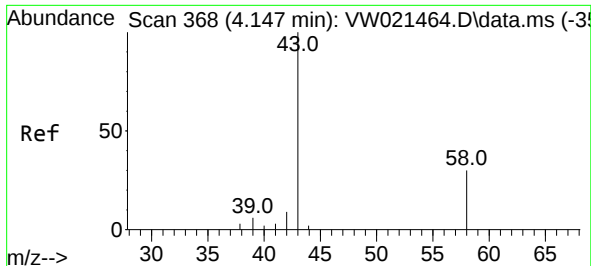
Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 27 00:41:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 24 01:43:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	104581	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	85890	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	30653	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	27116	14.236	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	56.960%
7) Chloroethane-d5	2.885	69	20476	16.262	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.040%
11) 1,1-Dichloroethene-d2	4.013	63	34208	13.471	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.880%
21) 2-Butanone-d5	7.086	46	17119	63.761	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.520%
24) Chloroform-d	7.647	84	64513	22.136	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.560%
26) 1,2-Dichloroethane-d4	8.305	65	35652	22.997	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.000%
32) Benzene-d6	8.275	84	112234	23.839	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.360%
36) 1,2-Dichloropropane-d6	9.274	67	33220	26.311	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.240%
41) Toluene-d8	10.323	98	98759	20.531	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.120%
43) trans-1,3-Dichloroprop...	10.579	79	10766	18.519	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.080%
47) 2-Hexanone-d5	10.921	63	11496	61.573	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.140%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	24584	22.650	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.600%
66) 1,2-Dichlorobenzene-d4	13.853	152	22371	18.831	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	75.320%
Target Compounds						Qvalue
13) Acetone	4.129	43	3949	16.407	ug/L	69
14) Carbon disulfide	4.391	76	5650	1.688	ug/L	100
19) 1,1-Dichloroethane	6.220	63	177946	80.792	ug/L	97
34) Trichloroethene	8.836	95	3097	2.358	ug/L	# 5
35) Methylcyclohexane	9.274	83	9065	4.184	ug/L	# 15
37) 1,2-Dichloropropane	9.274	63	4321	4.140	ug/L	# 88
39) cis-1,3-Dichloropropene	10.037	75	1014	0.616	ug/L	# 77
71) Naphthalene	15.359	128	3043	1.586	ug/L	# 81

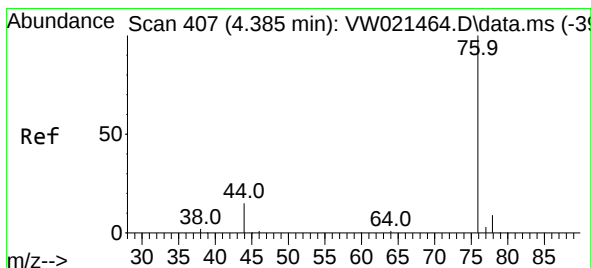
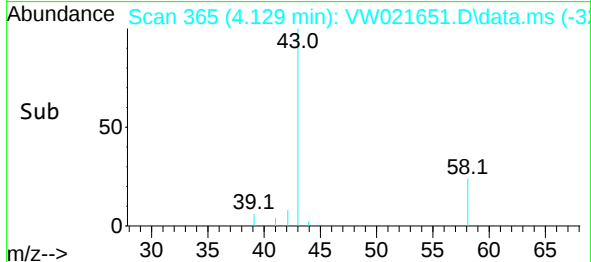
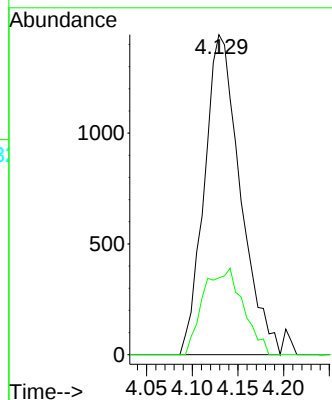
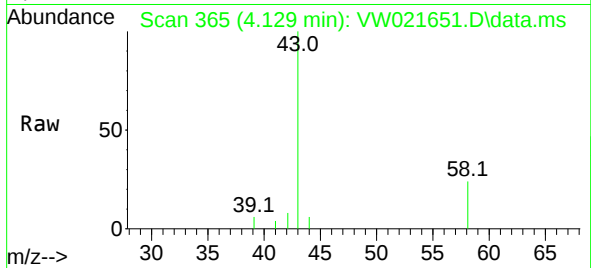
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#13
Acetone
Concen: 16.407 ug/L
RT: 4.129 min Scan# 30
Delta R.T. -0.030 min
Lab File: VW021651.D
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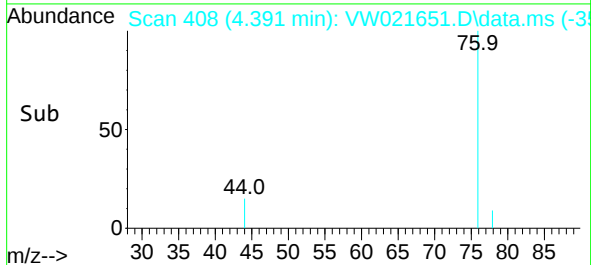
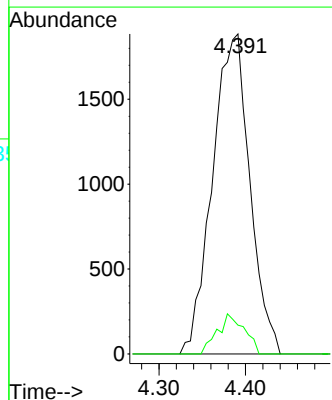
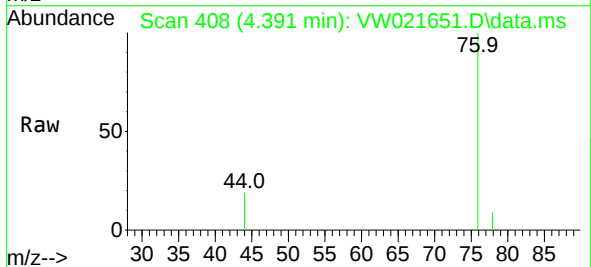
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MSVOA_W
ClientSampleId :

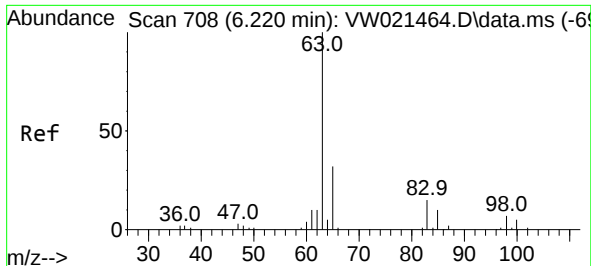
Tgt Ion: 43 Resp: 3949
Ion Ratio Lower Upper
43 100
58 10.7 0.0 52.8



#14
Carbon disulfide
Concen: 1.688 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
Lab File: VW021651.D
Acq: 25 Dec 2021 17:21

Tgt Ion: 76 Resp: 5650
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7

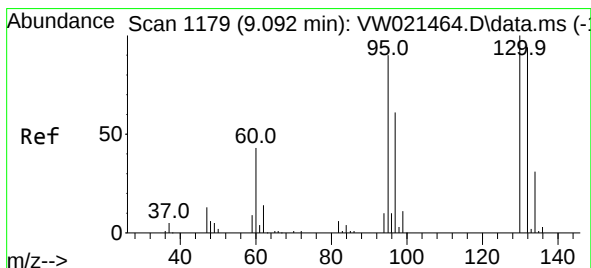
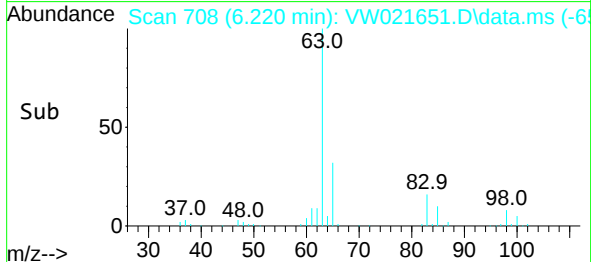
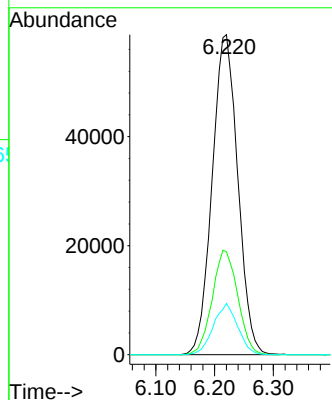
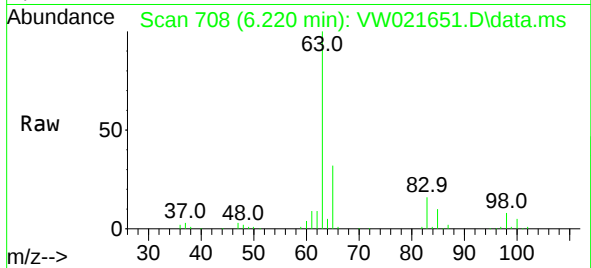




#19
1,1-Dichloroethane
Concen: 80.792 ug/L
RT: 6.220 min Scan# 708
Delta R.T. 0.000 min
Lab File: VW021651.D
Acq: 25 Dec 2021 17:21

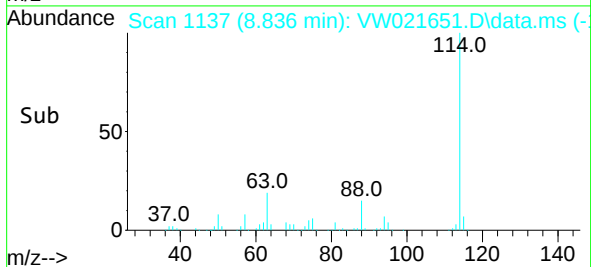
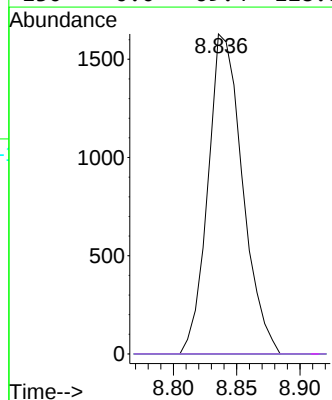
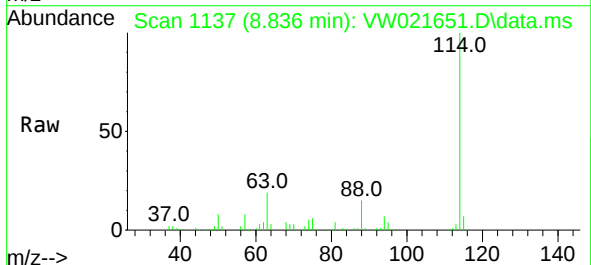
Instrument :
MSVOA_W
ClientSampleId :

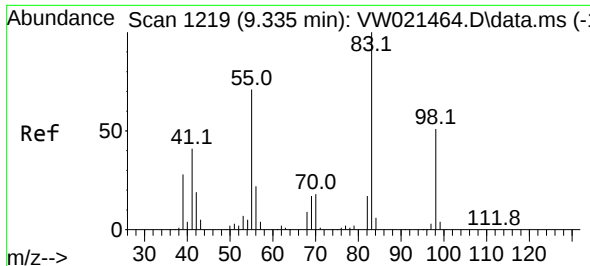
Tgt Ion: 63 Resp: 177946
Ion Ratio Lower Upper
63 100
65 32.1 22.1 41.1
83 16.0 9.2 17.2



#34
Trichloroethene
Concen: 2.358 ug/L
RT: 8.836 min Scan# 1137
Delta R.T. -0.256 min
Lab File: VW021651.D
Acq: 25 Dec 2021 17:21

Tgt Ion: 95 Resp: 3097
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#

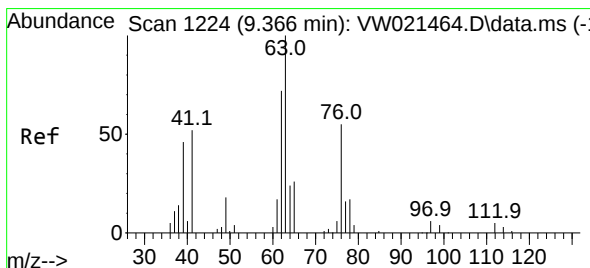
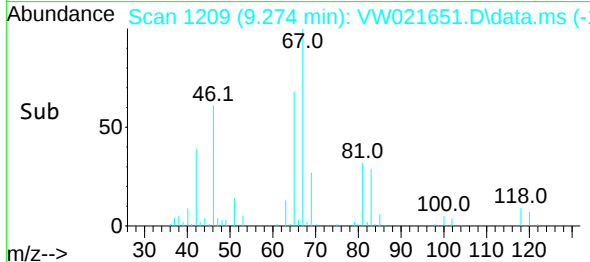
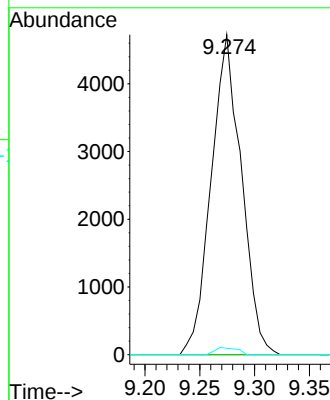
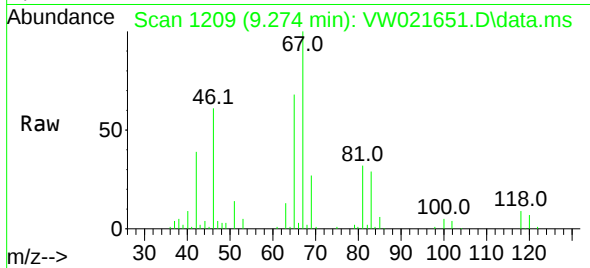




#35
Methylcyclohexane
Concen: 4.184 ug/L
RT: 9.274 min Scan# 11
Delta R.T. -0.061 min
Lab File: VW021651.D
Acq: 25 Dec 2021 17:21

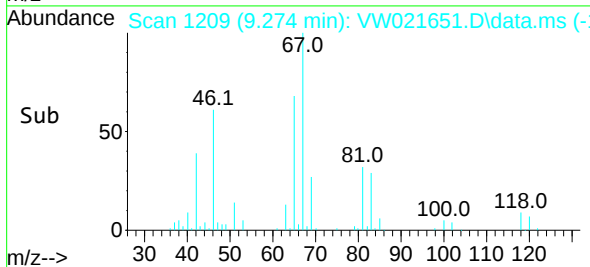
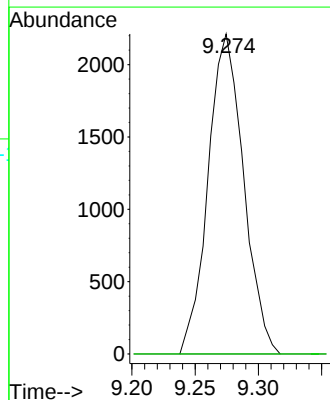
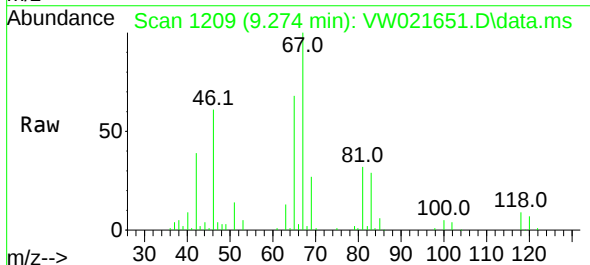
Instrument :
MSVOA_W
ClientSampleId :

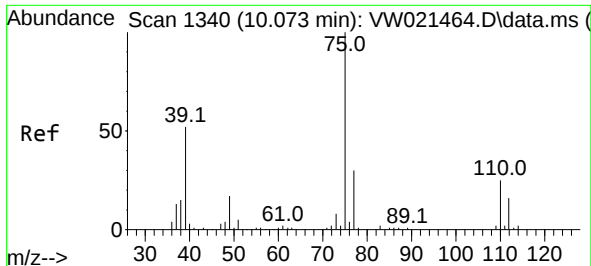
Tgt Ion: 83 Resp: 9065
Ion Ratio Lower Upper
83 100
55 0.0 70.8 106.2#
98 1.7 37.7 56.5#



#37
1,2-Dichloropropane
Concen: 4.140 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.097 min
Lab File: VW021651.D
Acq: 25 Dec 2021 17:21

Tgt Ion: 63 Resp: 4321
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.616 ug/L

RT: 10.037 min Scan# 11

Delta R.T. -0.036 min

Lab File: VW021651.D

Acq: 25 Dec 2021 17:21

Instrument :

MSVOA_W

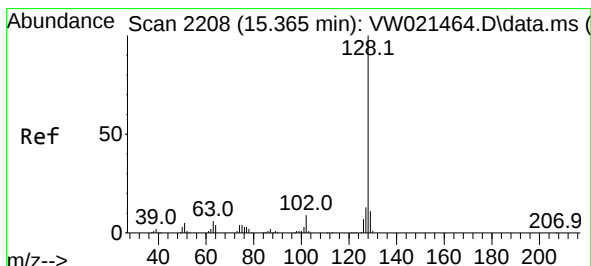
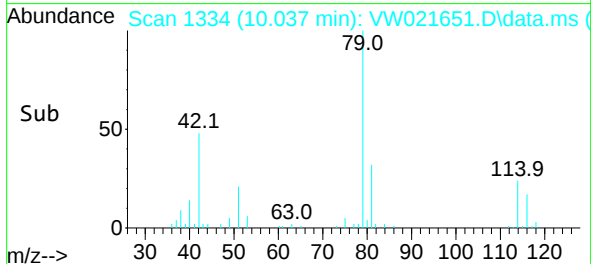
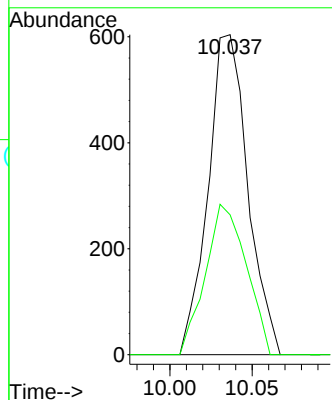
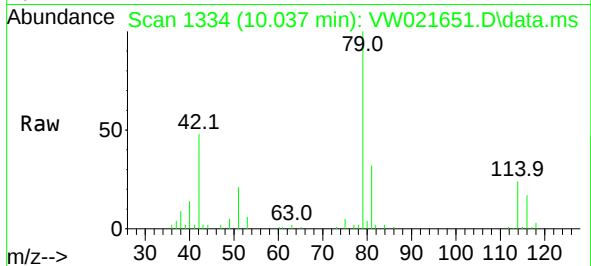
ClientSampleId :

Tgt Ion: 75 Resp: 1014

Ion Ratio Lower Upper

75 100

77 43.7 21.8 40.6#



#71

Naphthalene

Concen: 1.586 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. -0.006 min

Lab File: VW021651.D

Acq: 25 Dec 2021 17:21

Tgt Ion:128 Resp: 3043

Ion Ratio Lower Upper

128 100

127 16.5 10.7 16.1#

129 23.6 8.6 12.8#

