

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
 Data File : VW021075.D
 Acq On : 03 Dec 2021 19:40
 Operator : SY/VA
 Sample : M4886-02
 Misc : 6.18g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

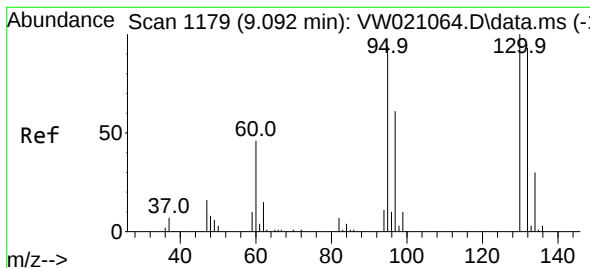
Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 04 01:41:19 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	90701	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	88930	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	42192	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	10432	8.255	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	33.040%
7) Chloroethane-d5	2.885	69	9957	11.770	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	47.080%
11) 1,1-Dichloroethene-d2	4.013	63	14804	7.333	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	29.320%#
21) 2-Butanone-d5	7.086	46	15799	54.811	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.620%
24) Chloroform-d	7.647	84	49678	21.870	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.480%
26) 1,2-Dichloroethane-d4	8.305	65	31677	25.491	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.960%
32) Benzene-d6	8.275	84	81099	17.835	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	71.360%
36) 1,2-Dichloropropane-d6	9.274	67	29371	23.244	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.960%
41) Toluene-d8	10.323	98	73795	15.828	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	63.320%
43) trans-1,3-Dichloroprop...	10.579	79	11617	20.247	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.000%
47) 2-Hexanone-d5	10.921	63	12401	51.294	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.580%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	29438	25.182	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.720%
66) 1,2-Dichlorobenzene-d4	13.847	152	30407	20.114	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	80.440%
Target Compounds						Qvalue
34) Trichloroethene	9.092	95	1874	1.343	ug/L	96
35) Methylcyclohexane	9.274	83	7928	3.376	ug/L	# 14
37) 1,2-Dichloropropane	9.281	63	3845	3.364	ug/L	# 88
39) cis-1,3-Dichloropropene	10.037	75	1038	0.561	ug/L	# 81
46) Tetrachloroethene	10.866	164	5142	4.025	ug/L	98
48) 2-Hexanone	10.927	43	2432	4.330	ug/L	# 65
49) Dibromochloromethane	10.866	129	4317	3.604	ug/L	# 10

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



#34

Trichloroethene

Concen: 1.343 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

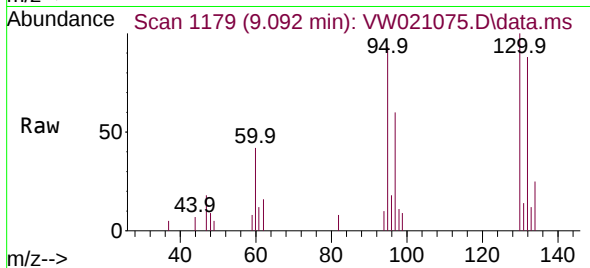
Lab File: VW021075.D

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MSVOA_W

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Tgt Ion: 95 Resp: 1874

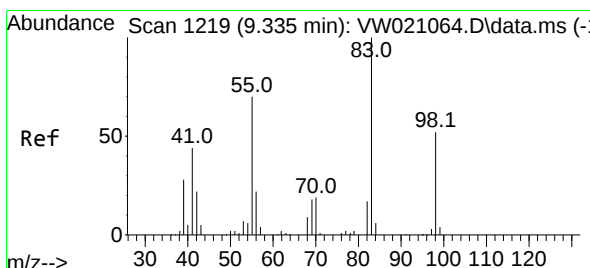
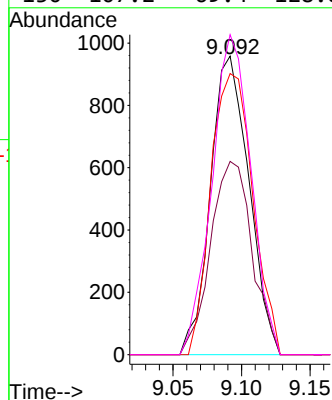
Ion Ratio Lower Upper

95 100

97 64.7 47.0 87.2

132 94.2 65.5 121.6

130 107.2 69.4 128.8



#35

Methylcyclohexane

Concen: 3.376 ug/L

RT: 9.274 min Scan# 1209

Delta R.T. -0.061 min

Lab File: VW021075.D

Acq: 03 Dec 2021 19:40

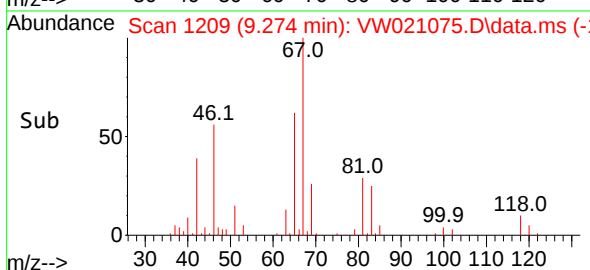
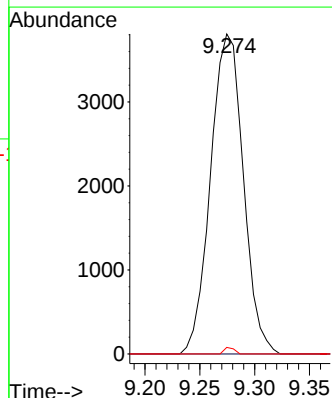
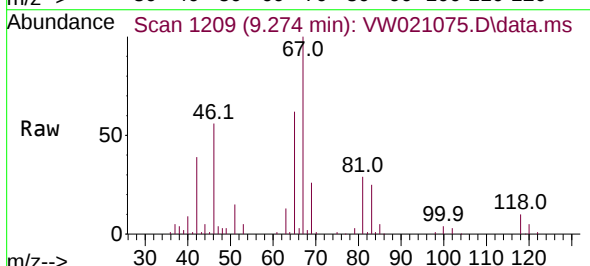
Tgt Ion: 83 Resp: 7928

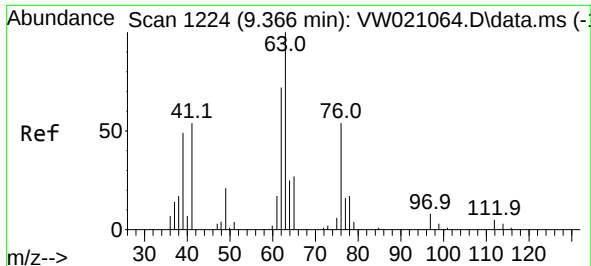
Ion Ratio Lower Upper

83 100

55 0.0 70.8 106.2#

98 0.6 37.7 56.5#





#37

1,2-Dichloropropane

Concen: 3.364 ug/L

RT: 9.281 min Scan# 11

Delta R.T. -0.085 min

Lab File: VW021075.D

Acq: 03 Dec 2021 19:40

Instrument :

MSVOA_W

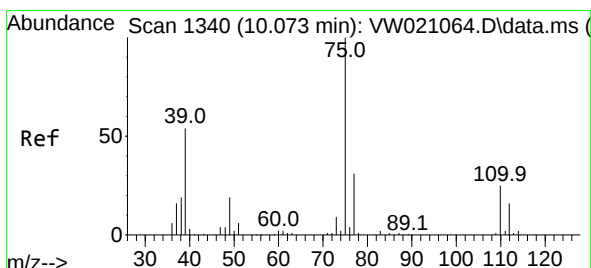
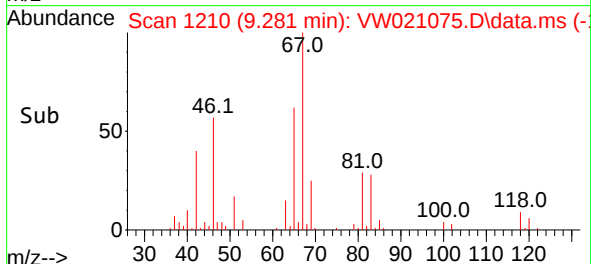
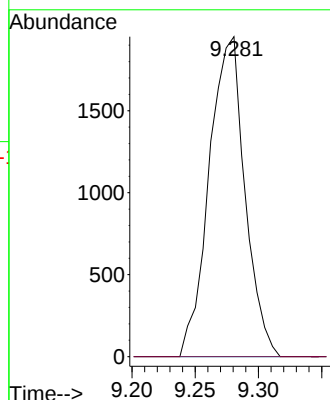
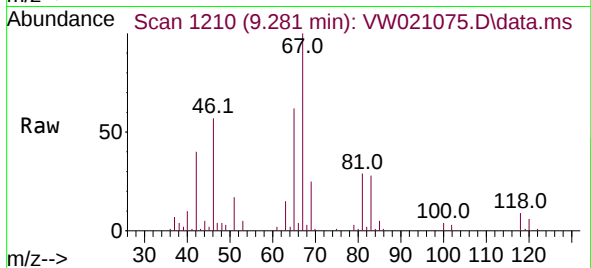
ClientSampleId :

Tgt Ion: 63 Resp: 3845

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.561 ug/L

RT: 10.037 min Scan# 1334

Delta R.T. -0.037 min

Lab File: VW021075.D

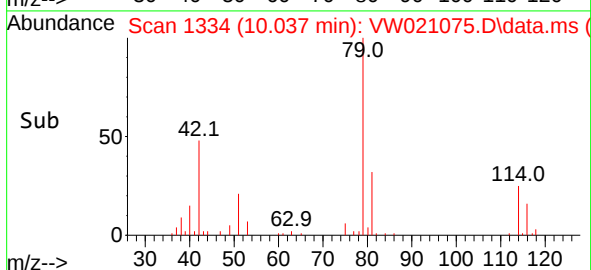
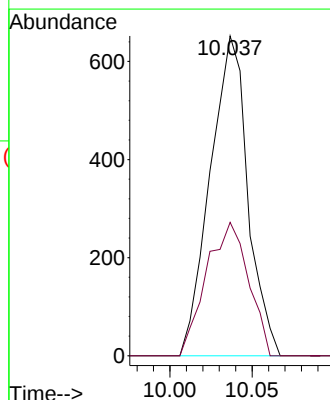
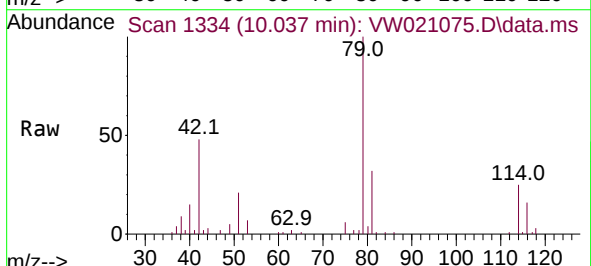
Acq: 03 Dec 2021 19:40

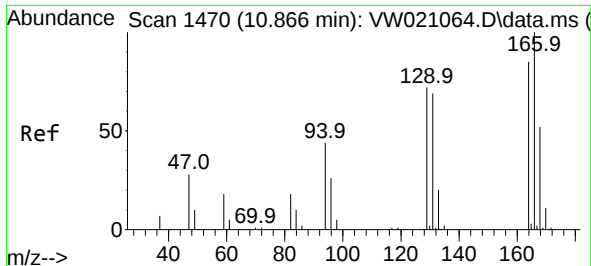
Tgt Ion: 75 Resp: 1038

Ion Ratio Lower Upper

75 100

77 41.7 21.8 40.6#

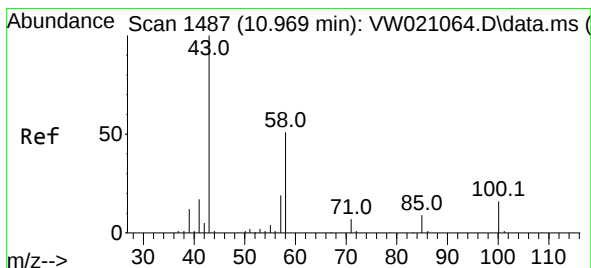
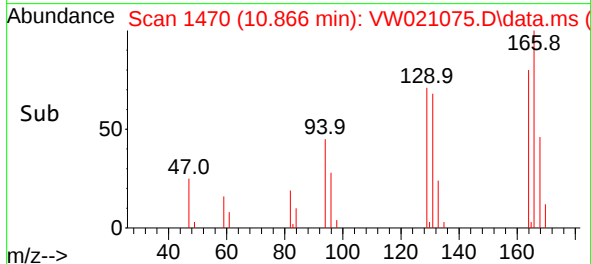
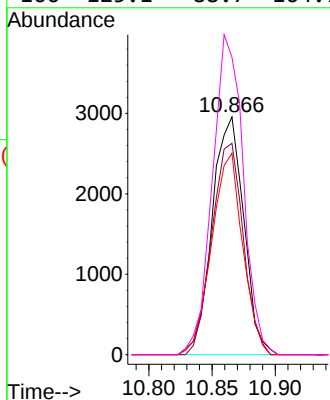
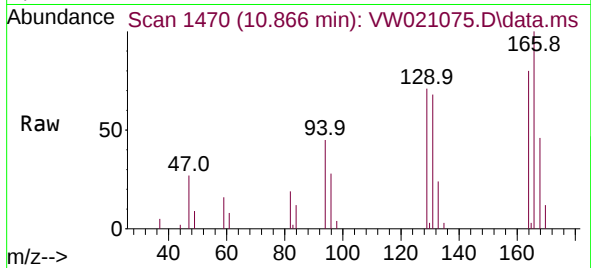




#46
Tetrachloroethene
Concen: 4.025 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VW021075.D
Acq: 03 Dec 2021 19:40

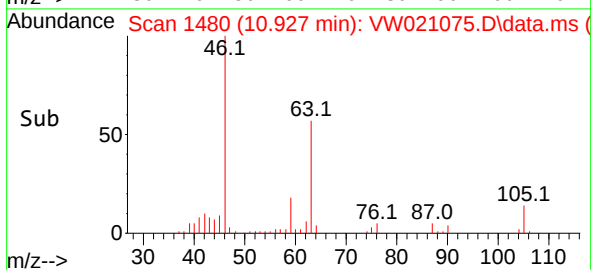
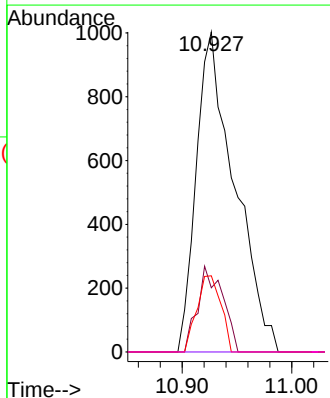
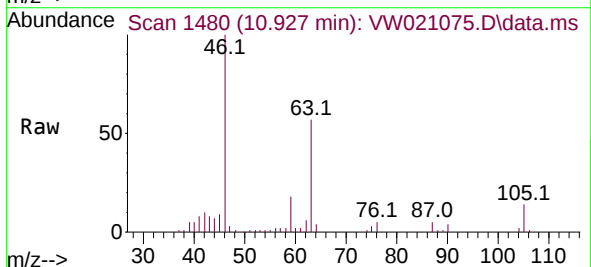
Instrument :
MSVOA_W
ClientSampleId :

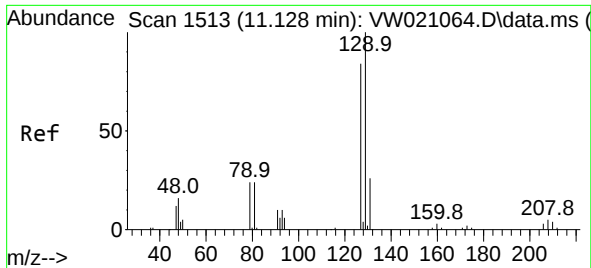
Tgt Ion:164 Resp: 5142
Ion Ratio Lower Upper
164 100
129 88.9 65.5 121.7
131 84.7 59.7 110.9
166 125.1 88.7 164.7



#48
2-Hexanone
Concen: 4.330 ug/L
RT: 10.927 min Scan# 1480
Delta R.T. -0.043 min
Lab File: VW021075.D
Acq: 03 Dec 2021 19:40

Tgt Ion: 43 Resp: 2432
Ion Ratio Lower Upper
43 100
58 17.6 40.2 60.2#
57 15.0 14.3 21.5
100 0.0 8.0 12.0#





#49

Dibromochloromethane

Concen: 3.604 ug/L

RT: 10.866 min Scan# 14

Delta R.T. -0.262 min

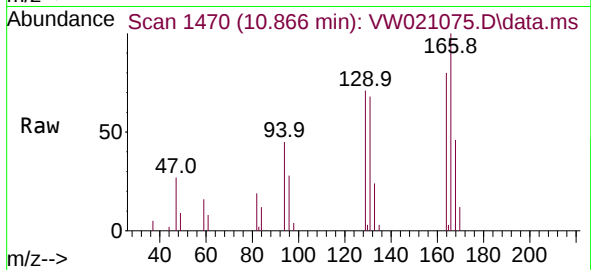
Lab File: VW021075.D

Acq: 03 Dec 2021 19:40

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:129 Resp: 4317

Ion Ratio Lower Upper

129 100

127 0.0 55.7 103.5#

