

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121121\
 Data File : VW021333.D
 Acq On : 11 Dec 2021 17:42
 Operator : SY/VA
 Sample : M5062-11
 Misc : 8.10g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 12 08:08:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 10 23:12:45 2021
 Response via : Initial Calibration

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

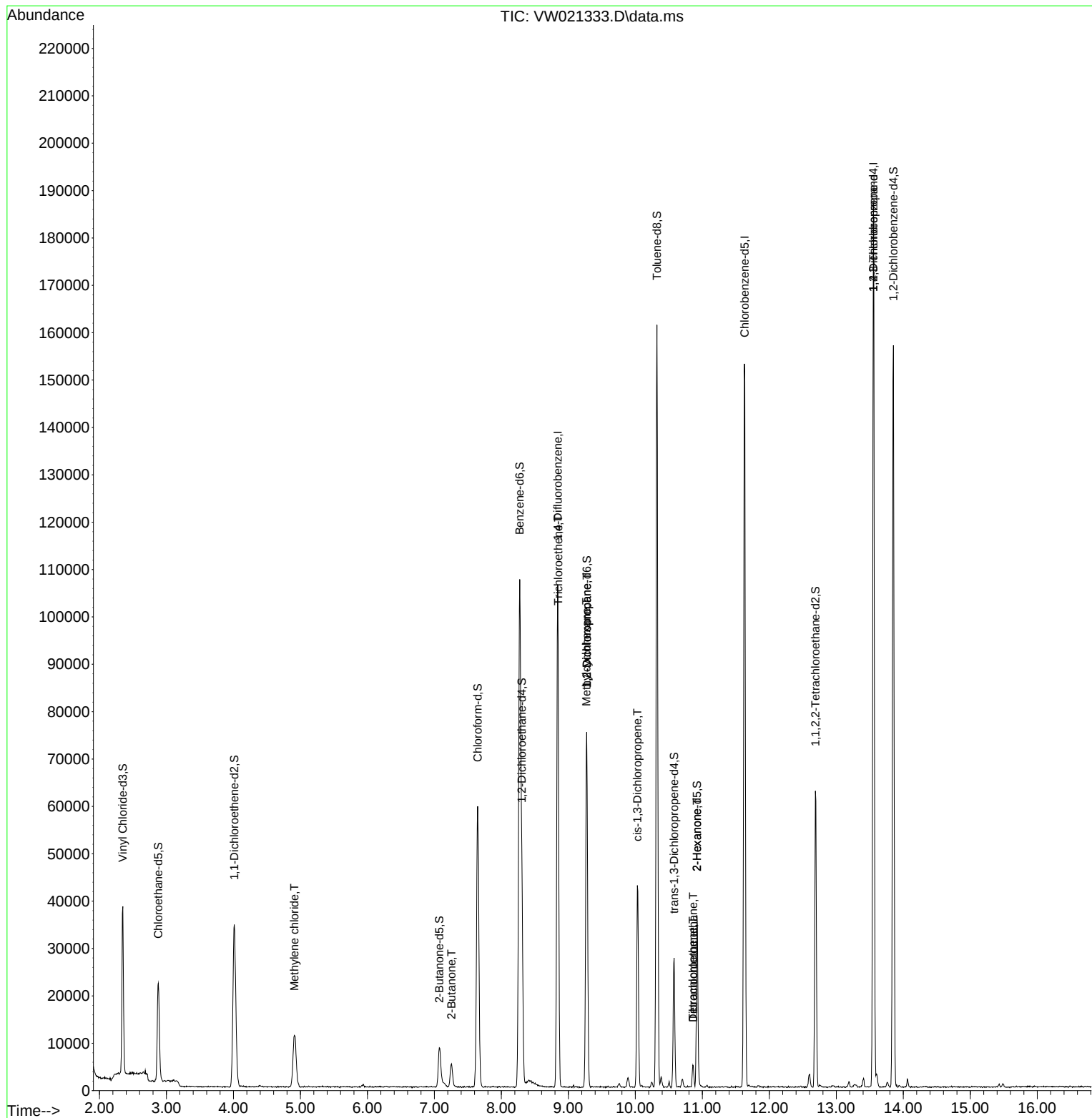
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	90158	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	87259	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	49395	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	34029	20.724	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.880%
7) Chloroethane-d5	2.879	69	26012	23.963	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.840%
11) 1,1-Dichloroethene-d2	4.013	63	32121	14.673	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.680%
21) 2-Butanone-d5	7.074	46	14295	61.760	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.520%
24) Chloroform-d	7.647	84	59151	23.543	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.160%
26) 1,2-Dichloroethane-d4	8.305	65	32016	23.956	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.840%
32) Benzene-d6	8.275	84	107455	22.466	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.880%
36) 1,2-Dichloropropane-d6	9.274	67	32034	24.973	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.880%
41) Toluene-d8	10.323	98	105439	21.576	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.320%
43) trans-1,3-Dichloroprop...	10.579	79	14449	24.464	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.840%
47) 2-Hexanone-d5	10.920	63	11882	62.642	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.280%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	29958	27.168	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.680%
66) 1,2-Dichlorobenzene-d4	13.853	152	41870	21.872	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.480%
Target Compounds						Qvalue
16) Methylene chloride	4.909	84	9548	6.409	ug/L	77
22) 2-Butanone	7.256	43	7322	27.021	ug/L	# 52
34) Trichloroethene	8.848	95	2453	1.838	ug/L	# 5
35) Methylcyclohexane	9.268	83	8371	3.803	ug/L	# 14
37) 1,2-Dichloropropane	9.274	63	4153	3.917	ug/L	# 88
39) cis-1,3-Dichloropropene	10.030	75	1240	0.742	ug/L	# 74
46) Tetrachloroethene	10.859	164	1094	0.863	ug/L	88
48) 2-Hexanone	10.920	43	1512	3.609	ug/L	# 69
49) Dibromochloromethane	10.866	129	928	0.867	ug/L	# 10
61) 1,2,3-Trichloropropane	13.554	75	5614	7.809	ug/L	# 66

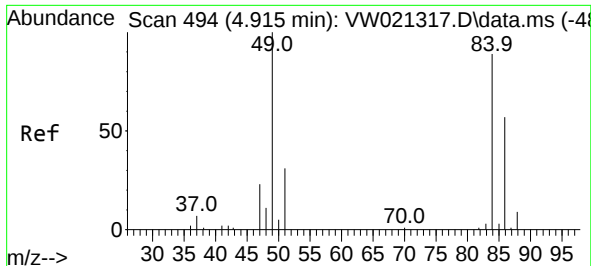
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 8.10g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :

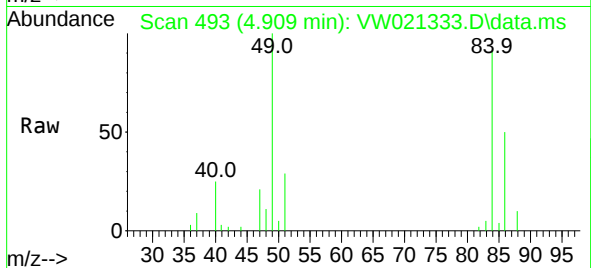
Quant Time: Dec 12 08:08:57 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Dec 10 23:12:45 2021
Response via : Initial Calibration





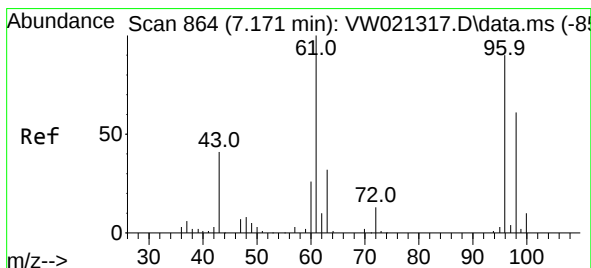
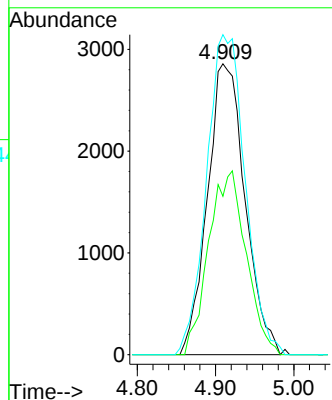
#16
Methylene chloride
Concen: 6.409 ug/L
RT: 4.909 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW021333.D
Acq: 11 Dec 2021 17:42

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 84 Resp: 9548

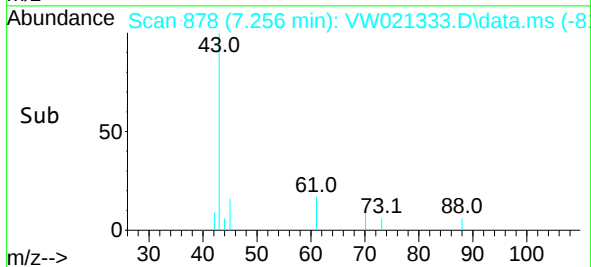
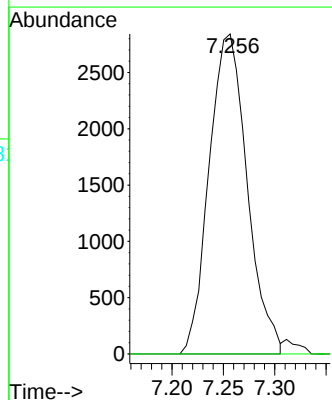
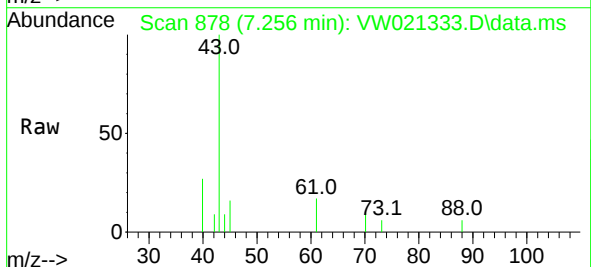
Ion	Ratio	Lower	Upper
84	100		
86	54.5	45.5	84.5
49	110.0	100.5	186.7

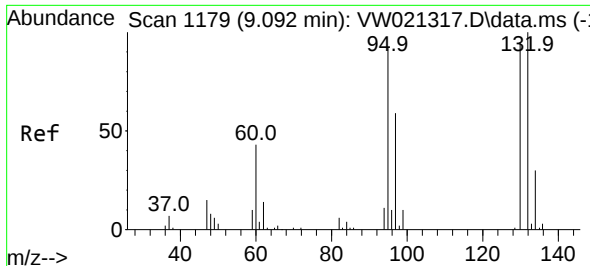


#22
2-Butanone
Concen: 27.021 ug/L
RT: 7.256 min Scan# 878
Delta R.T. 0.085 min
Lab File: VW021333.D
Acq: 11 Dec 2021 17:42

Tgt Ion: 43 Resp: 7322

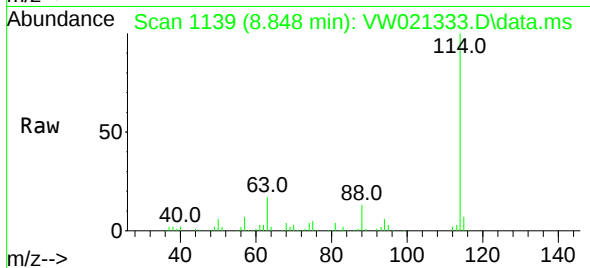
Ion	Ratio	Lower	Upper
43	100		
72	0.0	11.8	35.4#



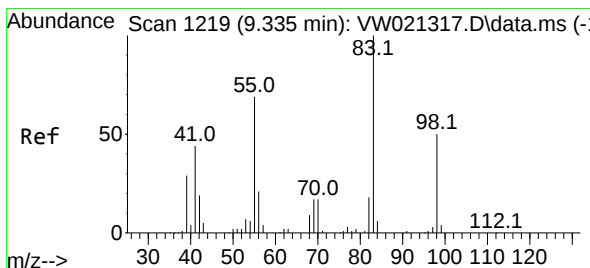
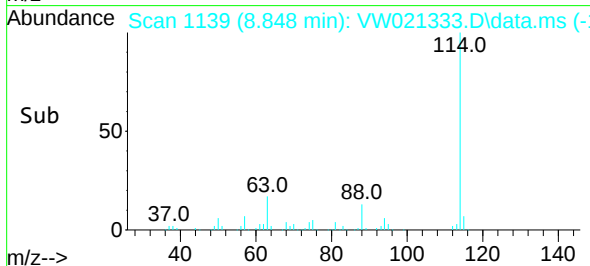
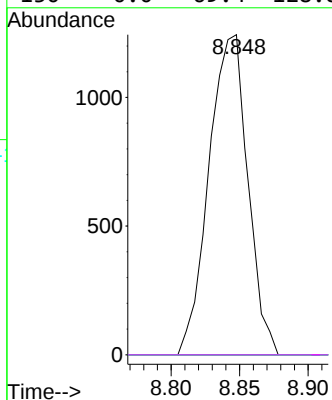


#34
Trichloroethene
Concen: 1.838 ug/L
RT: 8.848 min Scan# 1179
Delta R.T. -0.244 min
Lab File: VW021333.D
Acq: 11 Dec 2021 17:42

Instrument :
MSVOA_W
ClientSampleId :

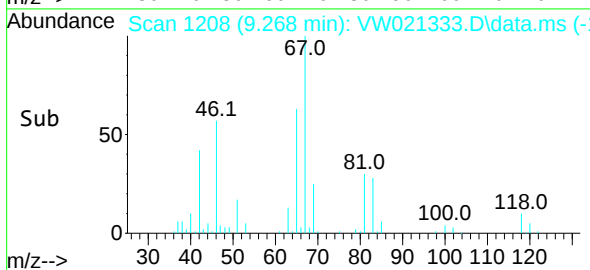
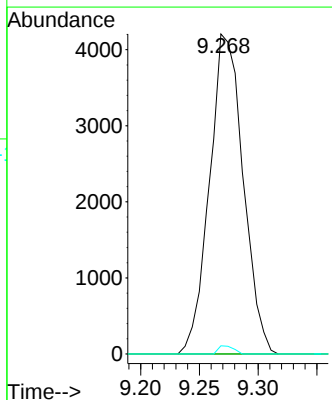
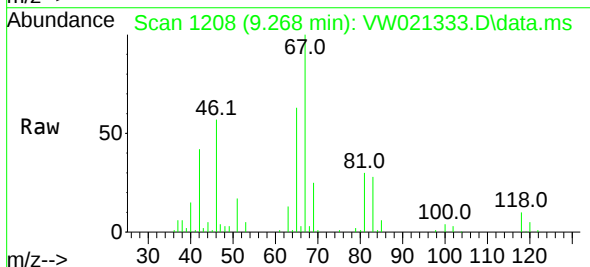


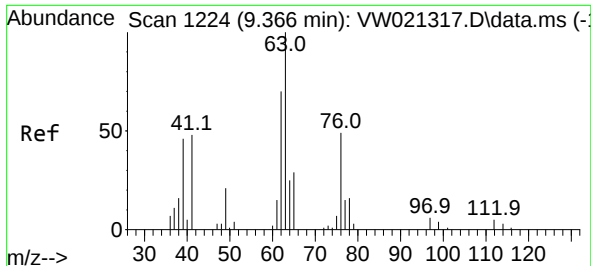
Tgt Ion	Ratio	Lower	Upper
95	100		
97	0.0	47.0	87.2#
132	0.0	65.5	121.6#
130	0.0	69.4	128.8#



#35
Methylcyclohexane
Concen: 3.803 ug/L
RT: 9.268 min Scan# 1208
Delta R.T. -0.067 min
Lab File: VW021333.D
Acq: 11 Dec 2021 17:42

Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	70.8	106.2#
98	1.2	37.7	56.5#





#37

1,2-Dichloropropane

Concen: 3.917 ug/L

RT: 9.274 min Scan# 11

Delta R.T. -0.092 min

Lab File: VW021333.D

Acq: 11 Dec 2021 17:42

Instrument :

MSVOA_W

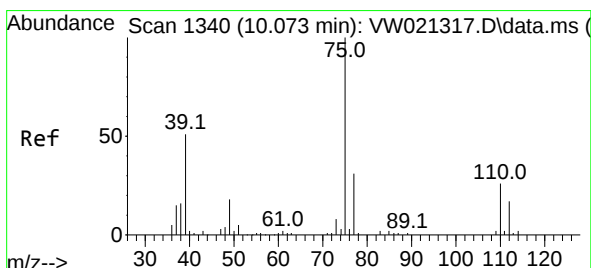
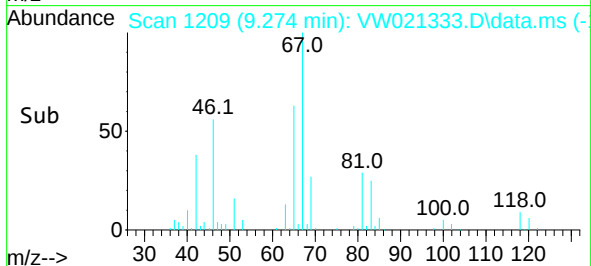
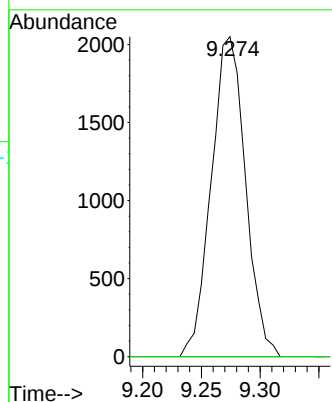
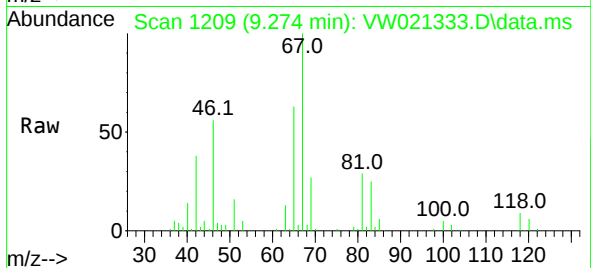
ClientSampleId :

Tgt Ion: 63 Resp: 4153

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.742 ug/L

RT: 10.030 min Scan# 1333

Delta R.T. -0.043 min

Lab File: VW021333.D

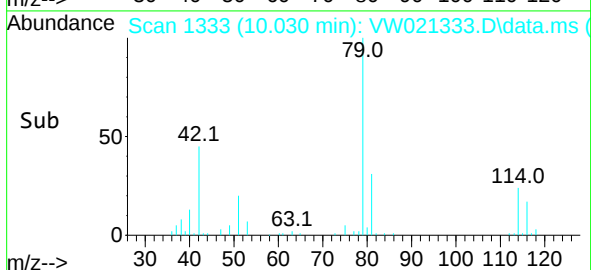
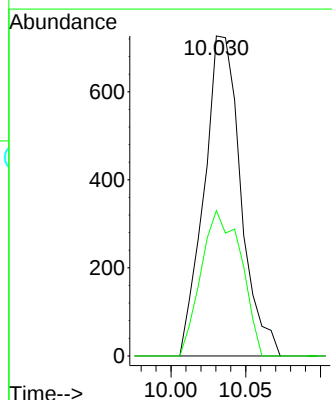
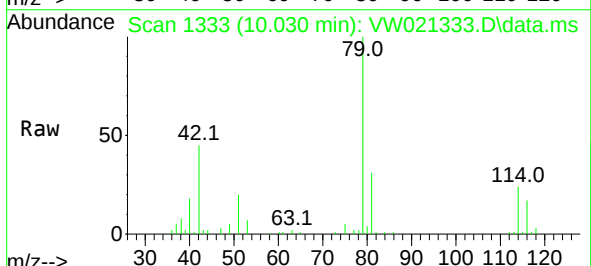
Acq: 11 Dec 2021 17:42

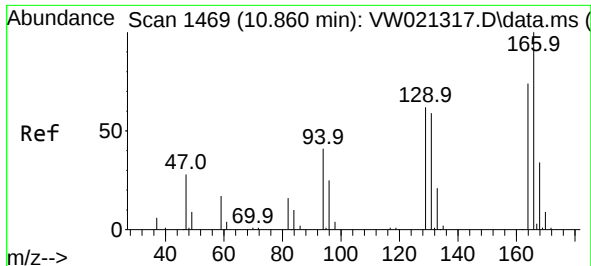
Tgt Ion: 75 Resp: 1240

Ion Ratio Lower Upper

75 100

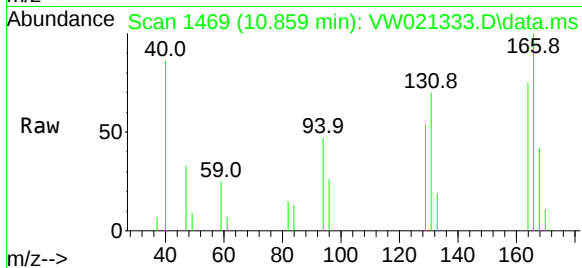
77 45.4 21.8 40.6#





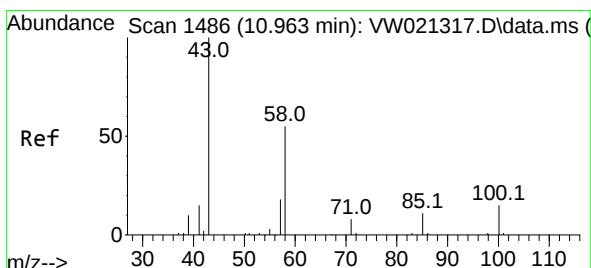
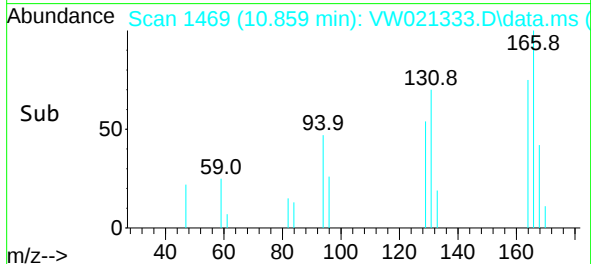
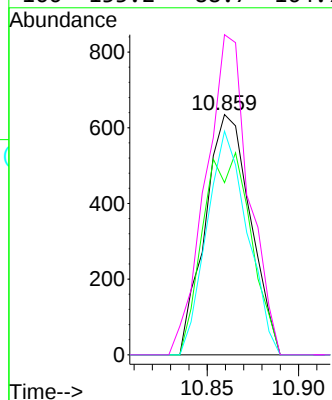
#46
Tetrachloroethene
Concen: 0.863 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW021333.D
Acq: 11 Dec 2021 17:42

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:164 Resp: 1094

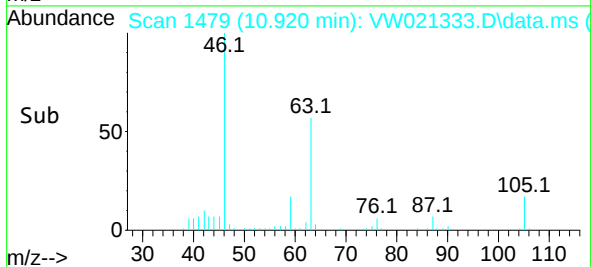
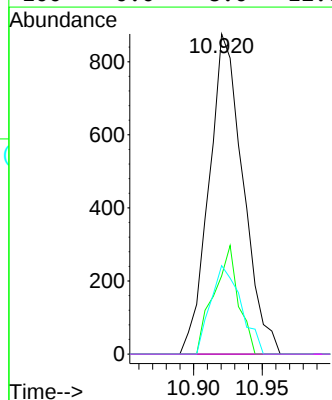
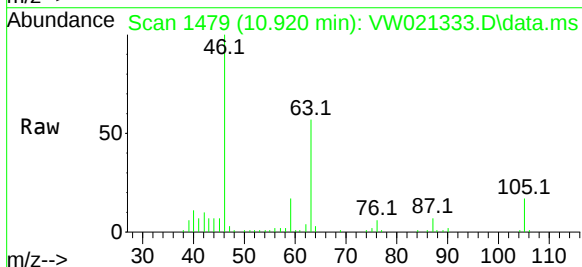
Ion	Ratio	Lower	Upper
164	100		
129	71.7	65.5	121.7
131	93.1	59.7	110.9
166	133.2	88.7	164.7

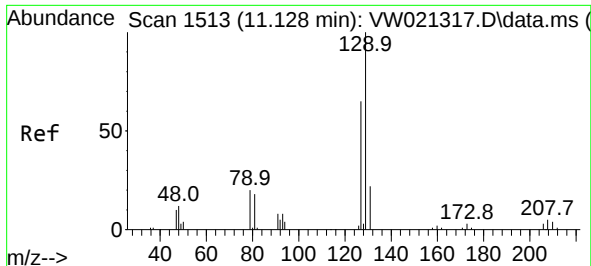


#48
2-Hexanone
Concen: 3.609 ug/L
RT: 10.920 min Scan# 1479
Delta R.T. -0.049 min
Lab File: VW021333.D
Acq: 11 Dec 2021 17:42

Tgt Ion: 43 Resp: 1512

Ion	Ratio	Lower	Upper
43	100		
58	24.4	40.2	60.2#
57	24.6	14.3	21.5#
100	0.0	8.0	12.0#





#49

Dibromochloromethane

Concen: 0.867 ug/L

RT: 10.866 min Scan# 14

Delta R.T. -0.262 min

Lab File: VW021333.D

Acq: 11 Dec 2021 17:42

Instrument :

MSVOA_W

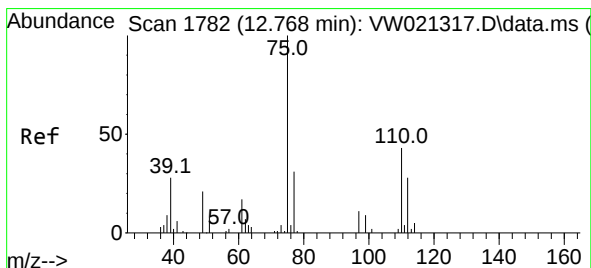
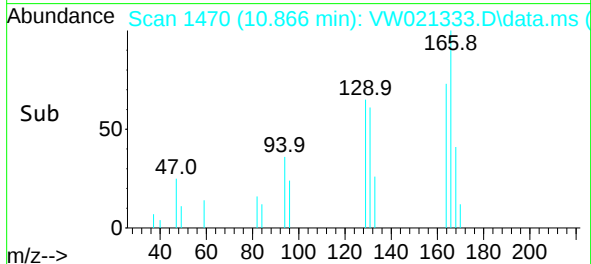
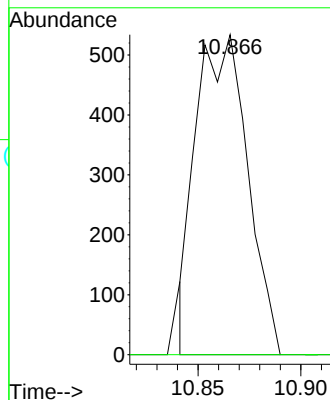
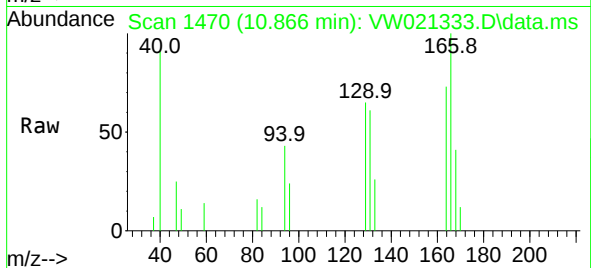
ClientSampleId :

Tgt Ion:129 Resp: 928

Ion Ratio Lower Upper

129 100

127 0.0 55.7 103.5#



#61

1,2,3-Trichloropropane

Concen: 7.809 ug/L

RT: 13.554 min Scan# 1911

Delta R.T. 0.786 min

Lab File: VW021333.D

Acq: 11 Dec 2021 17:42

Tgt Ion: 75 Resp: 5614

Ion Ratio Lower Upper

75 100

77 37.4 25.8 38.8

110 3.0 29.0 43.4#

