

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122121\
 Data File : VW021523.D
 Acq On : 21 Dec 2021 13:52
 Operator : SY/VA
 Sample : M5125-08
 Misc : 9.01g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 22 01:20:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 22 01:15:19 2021
 Response via : Initial Calibration

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

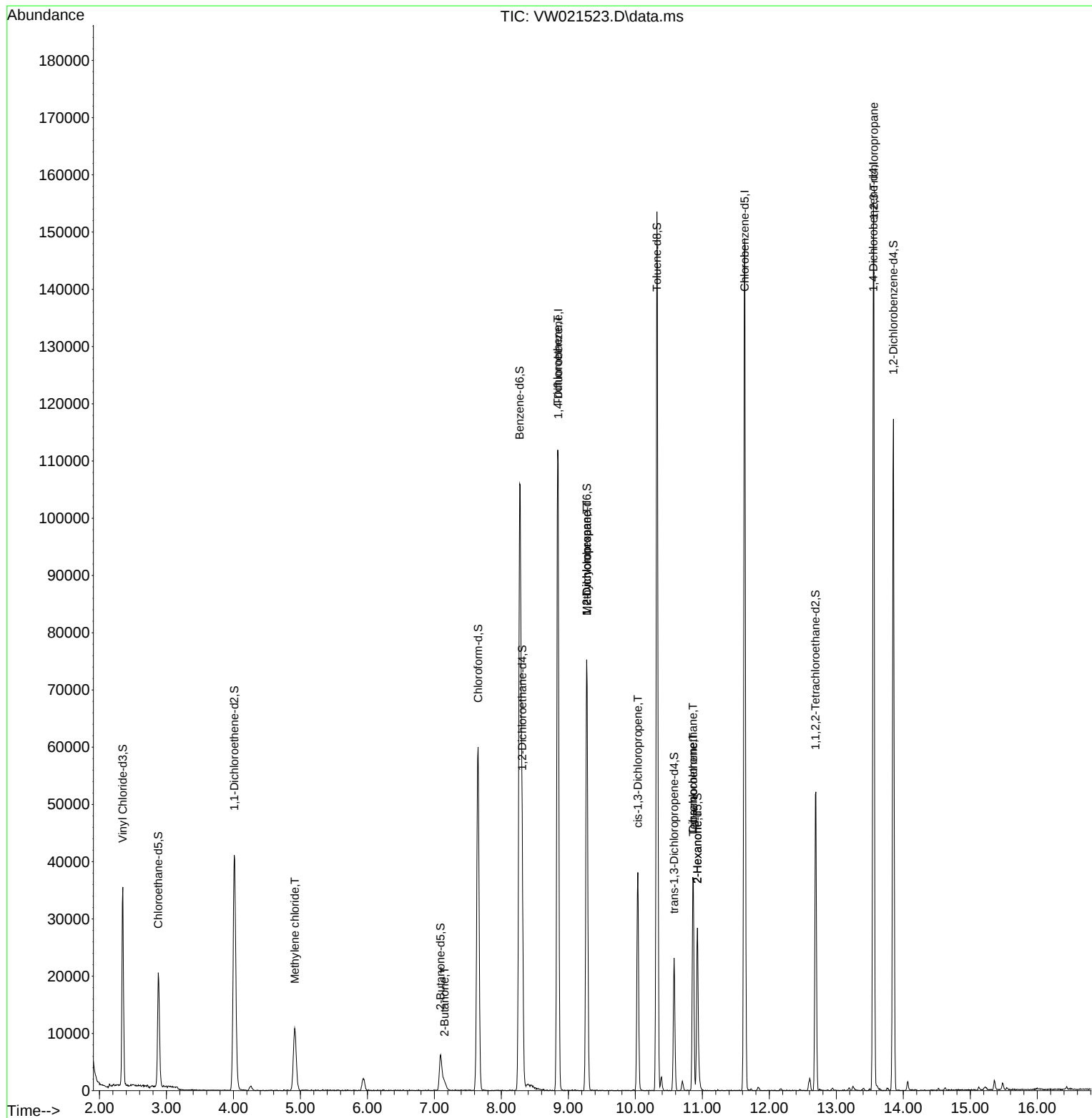
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	98955	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	86097	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	41357	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	33375	18.519	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.080%
7) Chloroethane-d5	2.879	69	22343	18.753	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.000%
11) 1,1-Dichloroethene-d2	4.013	63	39485	16.434	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.720%
21) 2-Butanone-d5	7.092	46	11224	44.182	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.360%
24) Chloroform-d	7.653	84	60980	22.113	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.440%
26) 1,2-Dichloroethane-d4	8.311	65	35577	24.254	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.000%
32) Benzene-d6	8.275	84	110303	23.373	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.480%
36) 1,2-Dichloropropane-d6	9.274	67	32995	26.070	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.280%
41) Toluene-d8	10.323	98	100497	20.842	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.360%
43) trans-1,3-Dichloroprop...	10.579	79	12340	21.175	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.680%
47) 2-Hexanone-d5	10.927	63	9634	51.476	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.960%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	23850	21.921	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.680%
66) 1,2-Dichlorobenzene-d4	13.853	152	30031	18.736	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	74.960%#
Target Compounds						
					Qvalue	
16) Methylene chloride	4.915	84	8529	5.216	ug/L	80
22) 2-Butanone	7.153	43	1496	5.030	ug/L	# 52
34) Trichloroethene	8.842	95	3262	2.478	ug/L	# 5
35) Methylcyclohexane	9.274	83	8773	4.039	ug/L	# 14
37) 1,2-Dichloropropane	9.274	63	4135	3.953	ug/L	# 88
39) cis-1,3-Dichloropropene	10.036	75	1160	0.703	ug/L	# 71
46) Tetrachloroethene	10.866	164	9046	7.233	ug/L	88
48) 2-Hexanone	10.927	43	1954	4.727	ug/L	# 64
49) Dibromochloromethane	10.859	129	7791	7.381	ug/L	# 10
61) 1,2,3-Trichloropropane	13.560	75	4624	7.682	ug/L	# 65

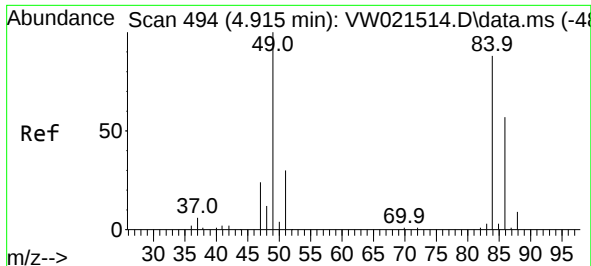
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 9.01g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

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MSVOA_W
ClientSampleId :

Quant Time: Dec 22 01:20:52 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Dec 22 01:15:19 2021
Response via : Initial Calibration

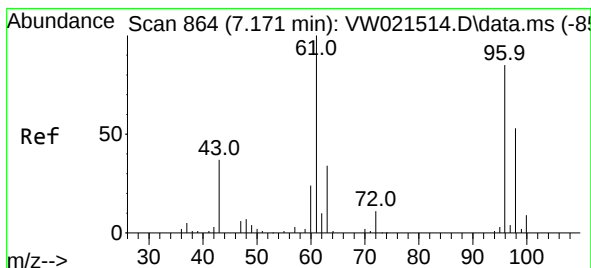
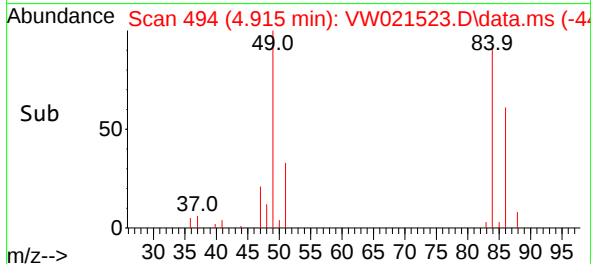
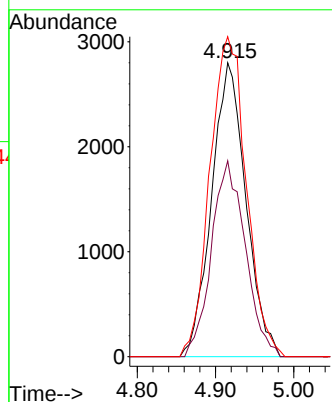
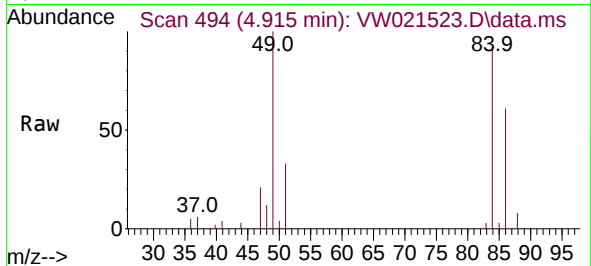




#16
Methylene chloride
Concen: 5.216 ug/L
RT: 4.915 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW021523.D
Acq: 21 Dec 2021 13:52

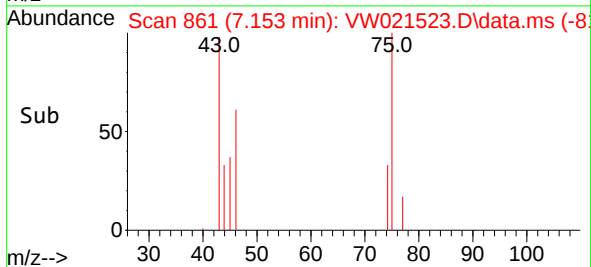
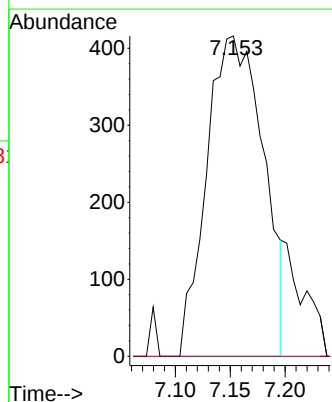
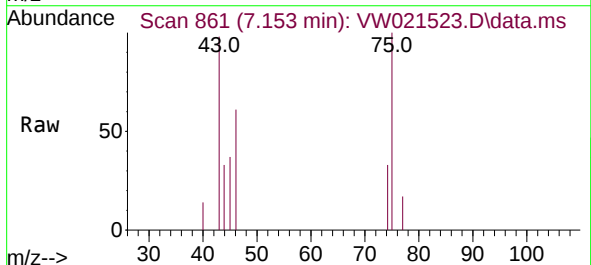
Instrument :
MSVOA_W
ClientSampleId :

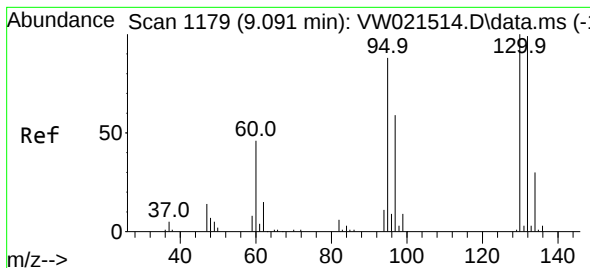
Tgt Ion: 84 Resp: 8529
Ion Ratio Lower Upper
84 100
86 66.6 45.5 84.5
49 108.9 100.5 186.7



#22
2-Butanone
Concen: 5.030 ug/L
RT: 7.153 min Scan# 861
Delta R.T. -0.018 min
Lab File: VW021523.D
Acq: 21 Dec 2021 13:52

Tgt Ion: 43 Resp: 1496
Ion Ratio Lower Upper
43 100
72 0.0 11.8 35.4#





#34

Trichloroethene

Concen: 2.478 ug/L

RT: 8.842 min Scan# 1179

Delta R.T. -0.250 min

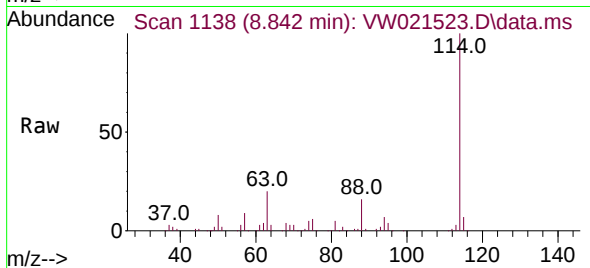
Lab File: VW021523.D

Acq: 21 Dec 2021 13:52

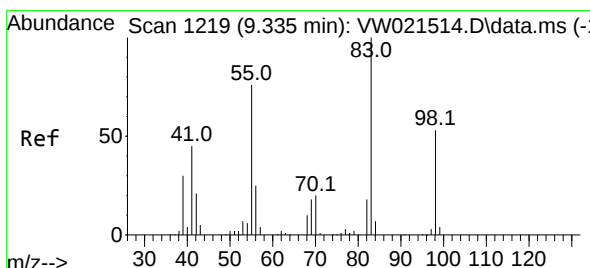
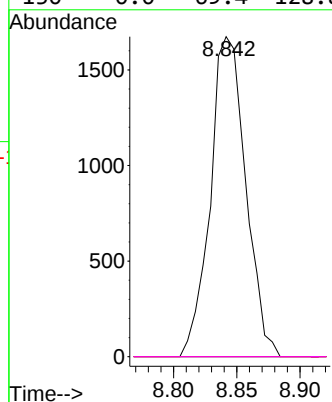
Instrument :

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: 4.039 ug/L

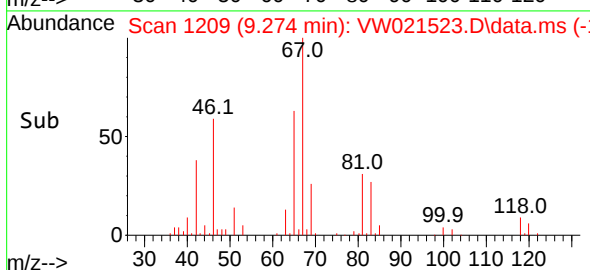
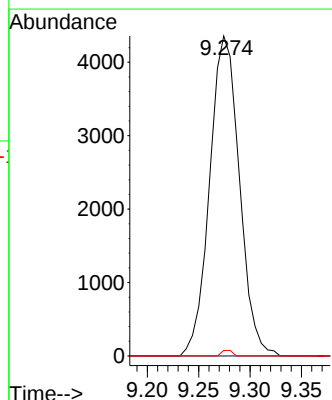
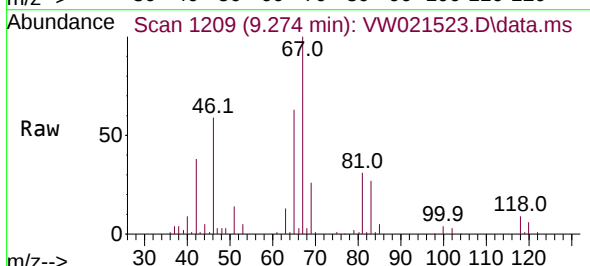
RT: 9.274 min Scan# 1209

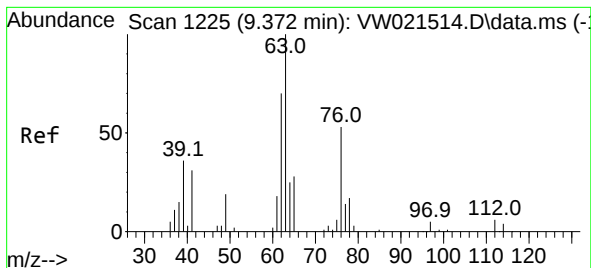
Delta R.T. -0.061 min

Lab File: VW021523.D

Acq: 21 Dec 2021 13:52

Tgt Ion:	83	Resp:	8773
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: 3.953 ug/L

RT: 9.274 min Scan# 11

Delta R.T. -0.098 min

Lab File: VW021523.D

Acq: 21 Dec 2021 13:52

Instrument :

MSVOA_W

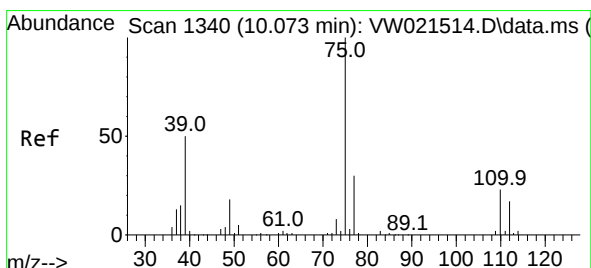
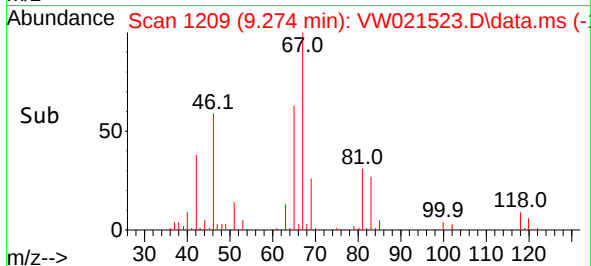
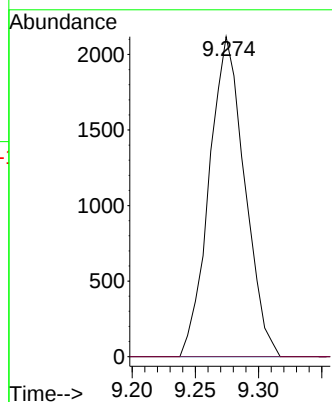
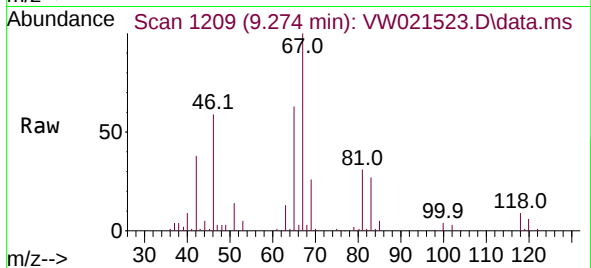
ClientSampleId :

Tgt Ion: 63 Resp: 4135

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.703 ug/L

RT: 10.036 min Scan# 1334

Delta R.T. -0.037 min

Lab File: VW021523.D

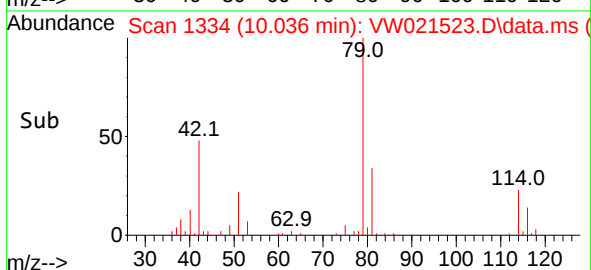
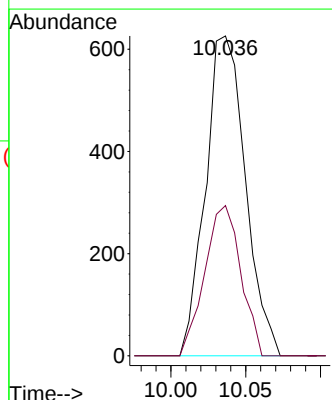
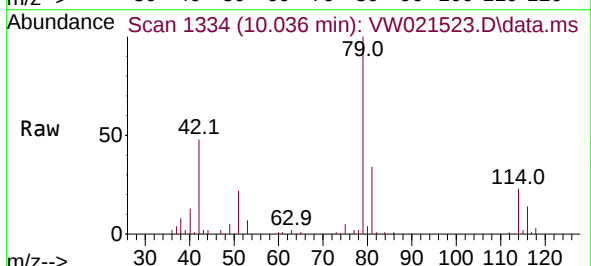
Acq: 21 Dec 2021 13:52

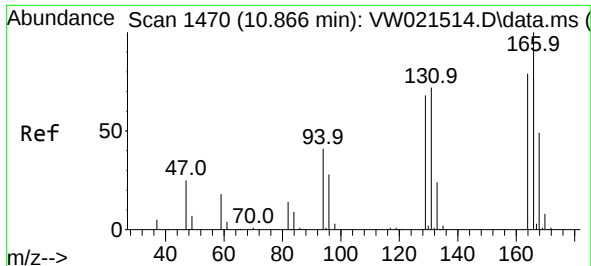
Tgt Ion: 75 Resp: 1160

Ion Ratio Lower Upper

75 100

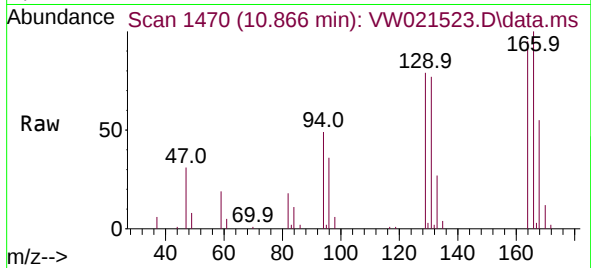
77 47.0 21.8 40.6#



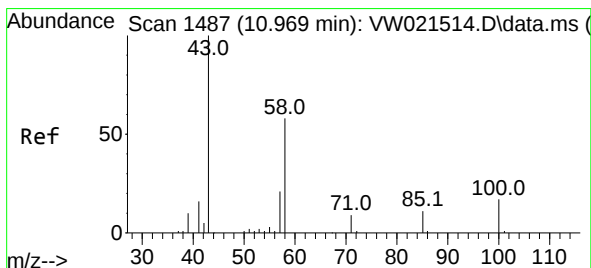
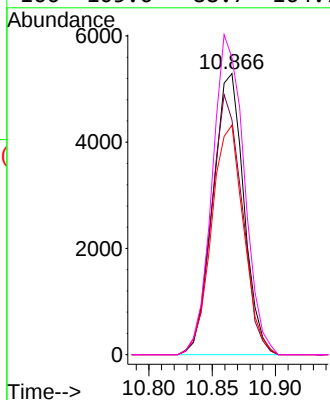
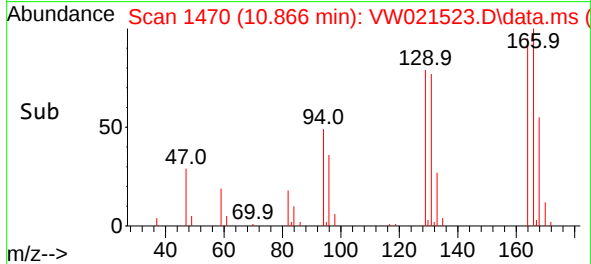


#46
Tetrachloroethene
Concen: 7.233 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VW021523.D
Acq: 21 Dec 2021 13:52

Instrument :
MSVOA_W
ClientSampleId :

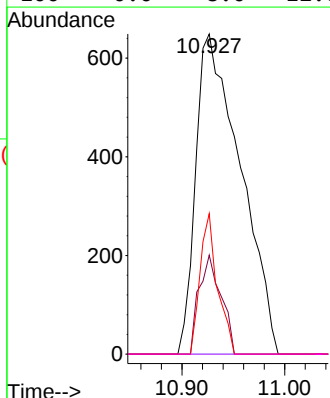
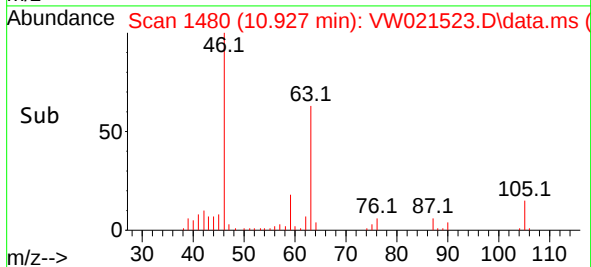
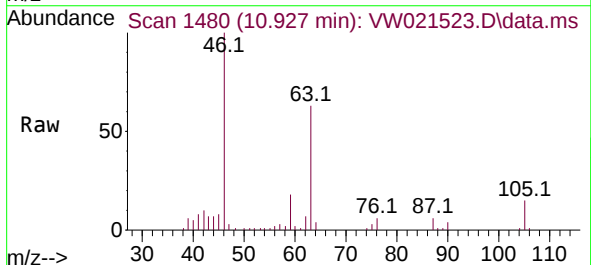


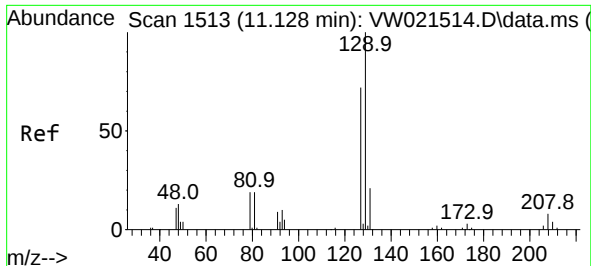
Tgt Ion:	164	Resp:	9046
Ion	Ratio	Lower	Upper
164	100		
129	83.5	65.5	121.7
131	81.7	59.7	110.9
166	105.6	88.7	164.7



#48
2-Hexanone
Concen: 4.727 ug/L
RT: 10.927 min Scan# 1480
Delta R.T. -0.043 min
Lab File: VW021523.D
Acq: 21 Dec 2021 13:52

Tgt Ion:	43	Resp:	1954
Ion	Ratio	Lower	Upper
43	100		
58	15.4	40.2	60.2#
57	17.2	14.3	21.5
100	0.0	8.0	12.0#





#49

Dibromochloromethane

Concen: 7.381 ug/L

RT: 10.859 min Scan# 1469

Delta R.T. -0.268 min

Lab File: VW021523.D

Acq: 21 Dec 2021 13:52

Instrument :

MSVOA_W

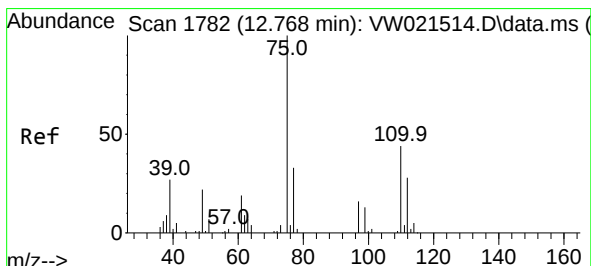
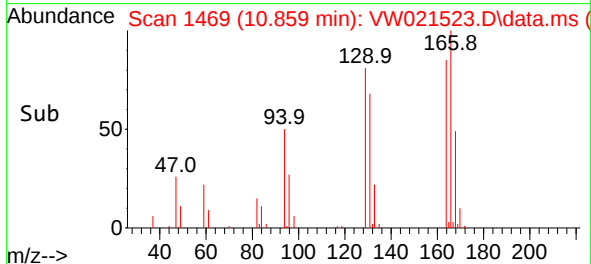
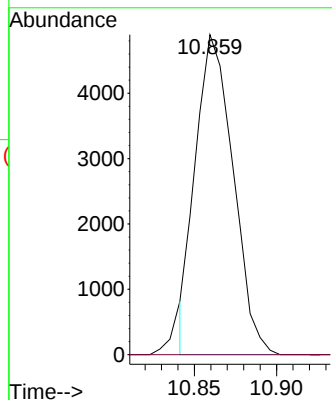
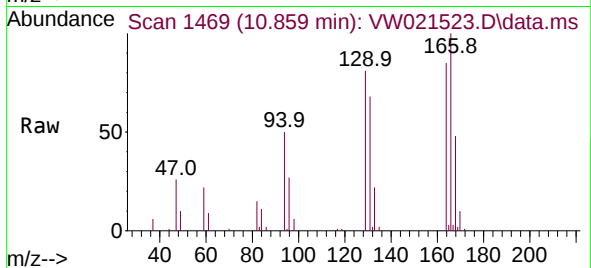
ClientSampleId :

Tgt Ion:129 Resp: 7791

Ion Ratio Lower Upper

129 100

127 0.0 55.7 103.5#



#61

1,2,3-Trichloropropane

Concen: 7.682 ug/L

RT: 13.560 min Scan# 1912

Delta R.T. 0.793 min

Lab File: VW021523.D

Acq: 21 Dec 2021 13:52

Tgt Ion: 75 Resp: 4624

Ion Ratio Lower Upper

75 100

77 37.9 25.8 38.8

110 2.9 29.0 43.4#

