

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
 Data File : VW021462.D
 Acq On : 18 Dec 2021 08:05
 Operator : SY/VA
 Sample : M5102-03RE
 Misc : 5.72g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 18 23:10:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 18 00:55:20 2021
 Response via : Initial Calibration

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

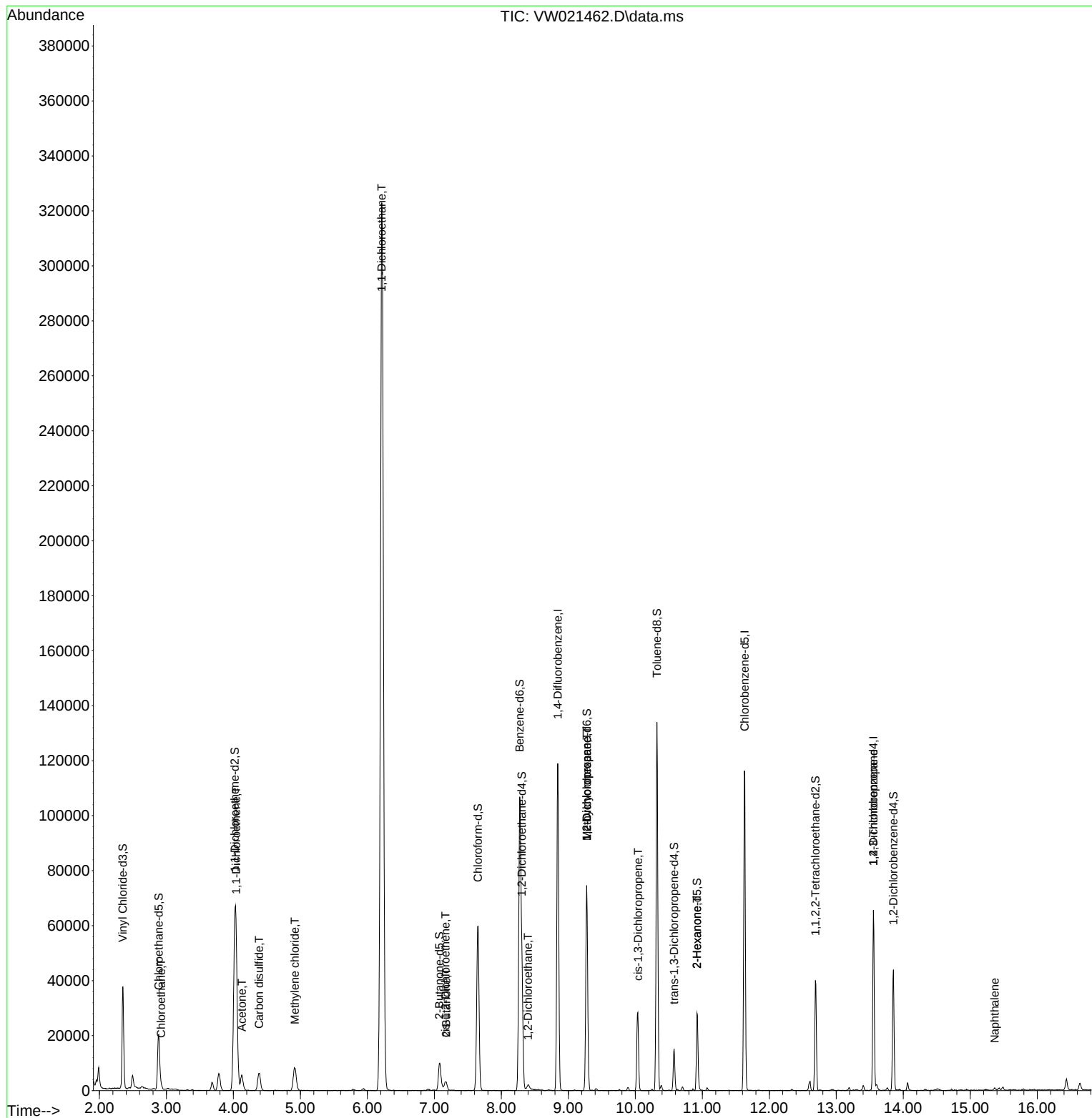
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	101519	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	66410	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	16783	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	36013	19.478	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.920%
7) Chloroethane-d5	2.885	69	24175	19.779	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.120%
11) 1,1-Dichloroethene-d2	4.019	63	51073	20.720	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.880%
21) 2-Butanone-d5	7.074	46	17439	66.912	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	133.820%
24) Chloroform-d	7.653	84	61156	21.617	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.480%
26) 1,2-Dichloroethane-d4	8.305	65	34603	22.994	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.960%
32) Benzene-d6	8.275	84	108613	29.837	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	119.360%
36) 1,2-Dichloropropane-d6	9.274	67	31347	32.110	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	128.440%#
41) Toluene-d8	10.323	98	88512	23.798	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.200%
43) trans-1,3-Dichloroprop...	10.579	79	8315	18.498	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.000%
47) 2-Hexanone-d5	10.920	63	9672	66.999	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	134.000%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	18452	21.987	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.960%
66) 1,2-Dichlorobenzene-d4	13.853	152	11957	18.383	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	73.520%#
Target Compounds						Qvalue
8) Chloroethane	2.922	64	1893	2.016	ug/L	96
12) 1,1-Dichloroethene	4.044	96	23714	18.845	ug/L	79
13) Acetone	4.129	43	9847	42.145	ug/L	94
14) Carbon disulfide	4.385	76	14435	4.442	ug/L	99
16) Methylene chloride	4.915	84	6900	4.113	ug/L	79
19) 1,1-Dichloroethane	6.214	63	452240	211.520	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	1551	1.079	ug/L	79
22) 2-Butanone	7.177	43	1661	5.444	ug/L	93
27) 1,2-Dichloroethane	8.397	62	1375	0.875	ug/L	# 77
35) Methylcyclohexane	9.274	83	8586	5.125	ug/L	# 14
37) 1,2-Dichloropropane	9.274	63	4069	5.042	ug/L	# 88
39) cis-1,3-Dichloropropene	10.043	75	835	0.656	ug/L	# 75
48) 2-Hexanone	10.920	43	1309	4.105	ug/L	# 68
61) 1,2,3-Trichloropropane	13.554	75	1864	7.631	ug/L	# 62
71) Naphthalene	15.365	128	1150	1.095	ug/L	# 85

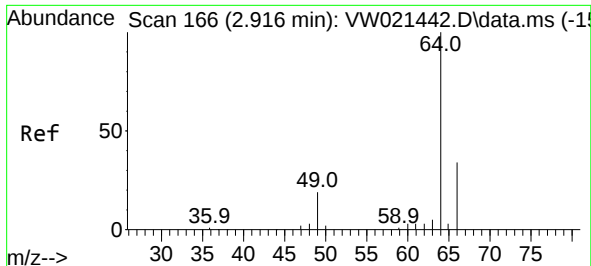
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Dec 18 00:55:20 2021
Response via : Initial Calibration

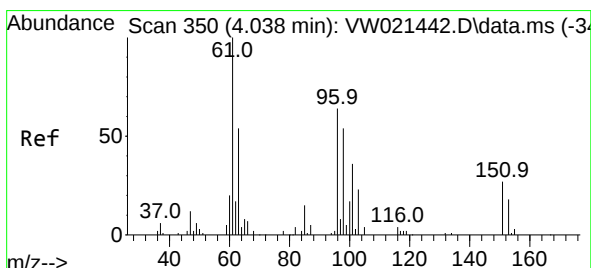
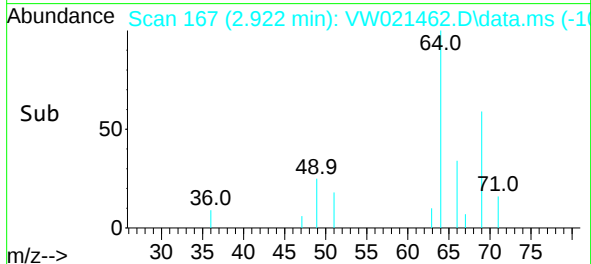
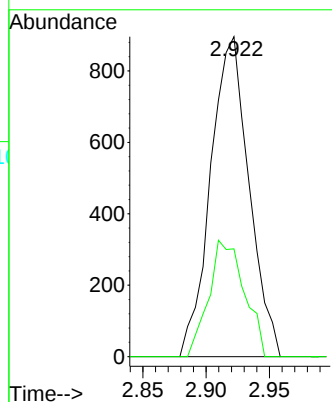
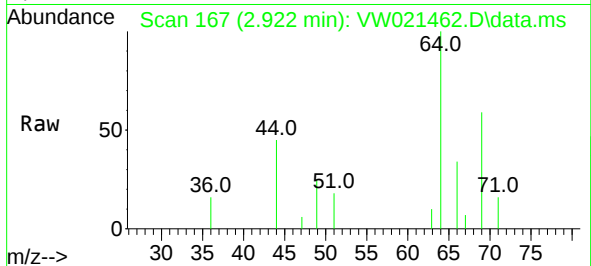




#8
Chloroethane
Concen: 2.016 ug/L
RT: 2.922 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW021462.D
Acq: 18 Dec 2021 08:05

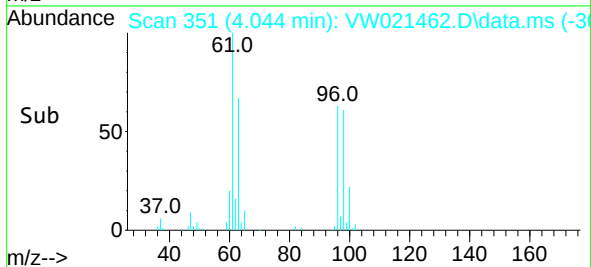
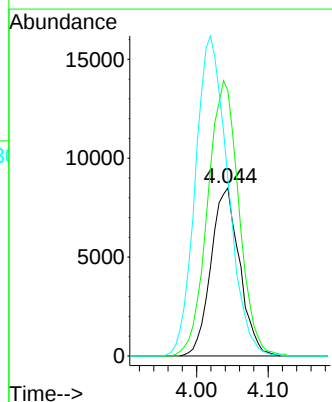
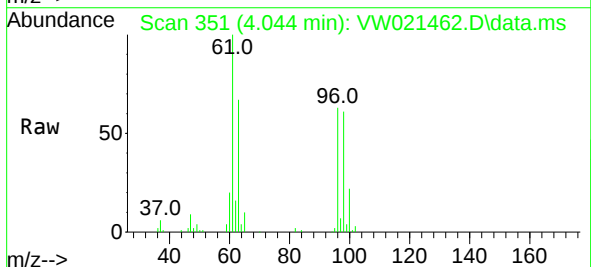
Instrument :
MSVOA_W
ClientSampleId :

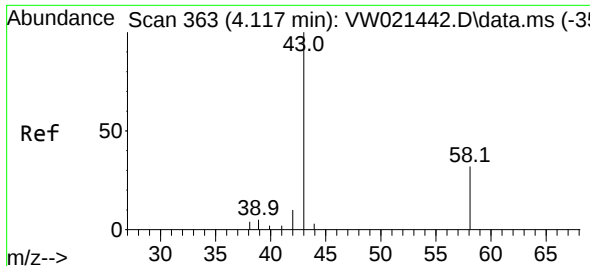
Tgt Ion: 64 Resp: 1893
Ion Ratio Lower Upper
64 100
66 33.7 22.0 40.8



#12
1,1-Dichloroethene
Concen: 18.845 ug/L
RT: 4.044 min Scan# 351
Delta R.T. 0.006 min
Lab File: VW021462.D
Acq: 18 Dec 2021 08:05

Tgt Ion: 96 Resp: 23714
Ion Ratio Lower Upper
96 100
61 157.9 138.3 256.9
63 105.4 82.6 153.4

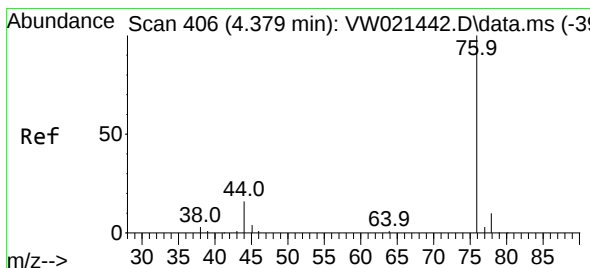
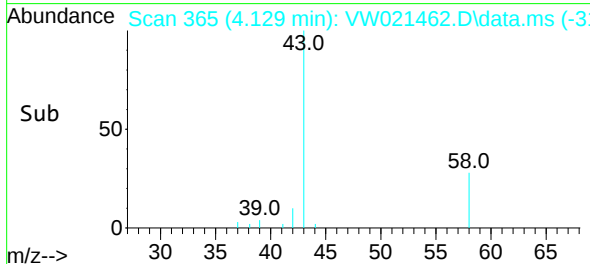
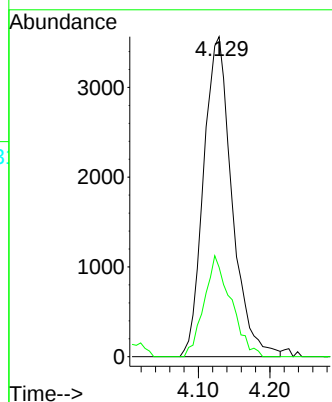
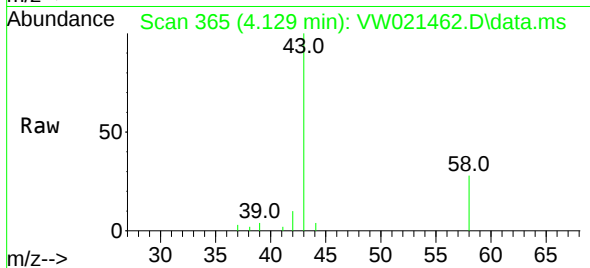




#13
Acetone
Concen: 42.145 ug/L
RT: 4.129 min Scan# 30
Delta R.T. 0.012 min
Lab File: VW021462.D
Acq: 18 Dec 2021 08:05

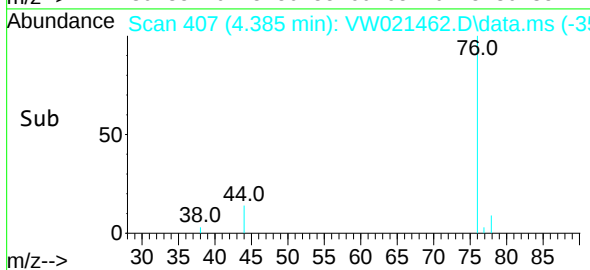
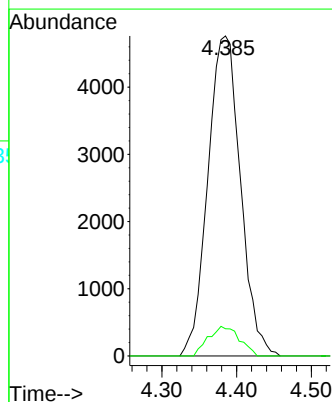
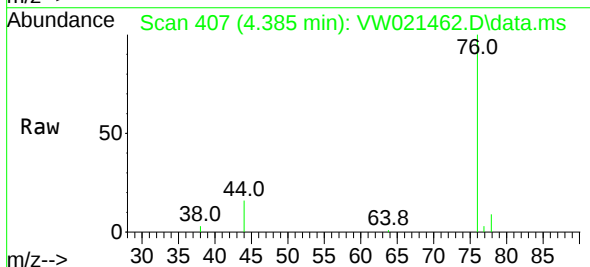
Instrument :
MSVOA_W
ClientSampleId :

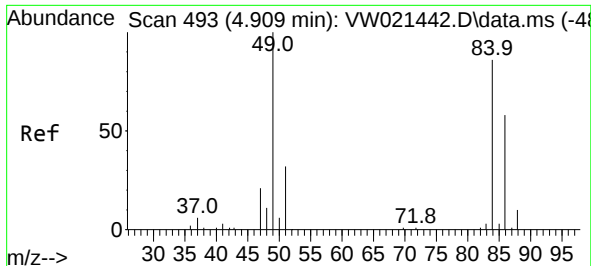
Tgt Ion: 43 Resp: 9847
Ion Ratio Lower Upper
43 100
58 29.4 0.0 52.8



#14
Carbon disulfide
Concen: 4.442 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.006 min
Lab File: VW021462.D
Acq: 18 Dec 2021 08:05

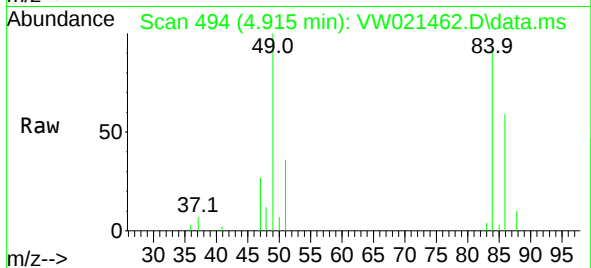
Tgt Ion: 76 Resp: 14435
Ion Ratio Lower Upper
76 100
78 8.5 7.1 10.7



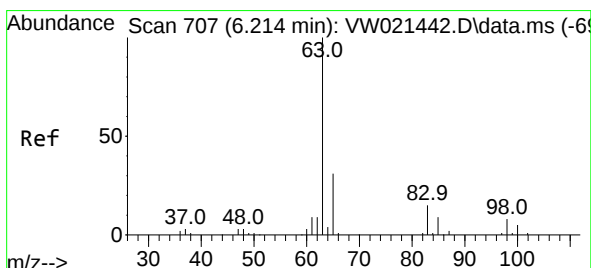
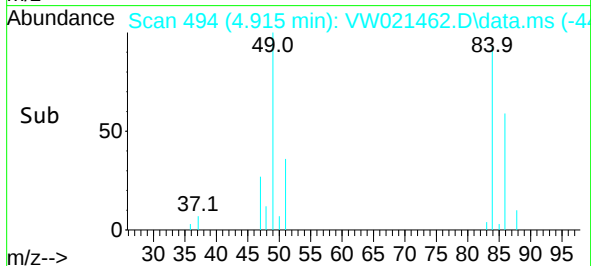
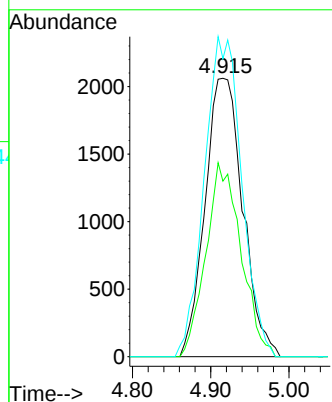


#16
Methylene chloride
Concen: 4.113 ug/L
RT: 4.915 min Scan# 494
Delta R.T. 0.006 min
Lab File: VW021462.D
Acq: 18 Dec 2021 08:05

Instrument :
MSVOA_W
ClientSampleId :

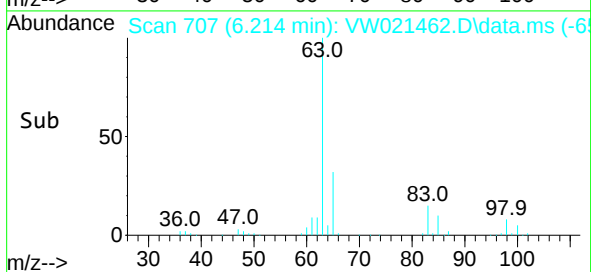
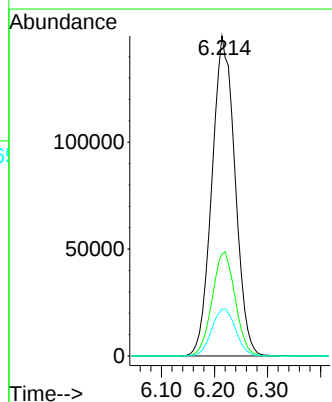
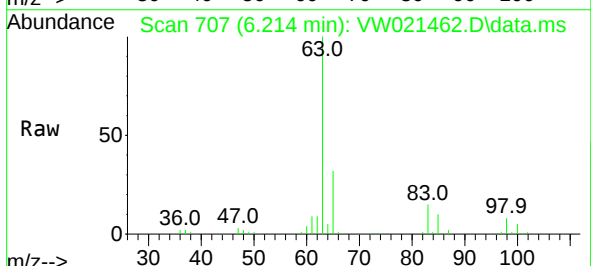


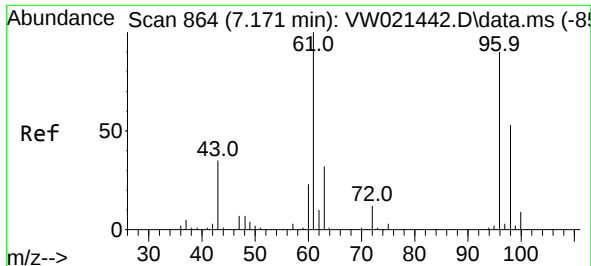
Tgt Ion: 84 Resp: 6900
Ion Ratio Lower Upper
84 100
86 63.0 45.5 84.5
49 107.0 100.5 186.7



#19
1,1-Dichloroethane
Concen: 211.520 ug/L
RT: 6.214 min Scan# 707
Delta R.T. -0.000 min
Lab File: VW021462.D
Acq: 18 Dec 2021 08:05

Tgt Ion: 63 Resp: 452240
Ion Ratio Lower Upper
63 100
65 31.9 22.1 41.1
83 14.6 9.2 17.2

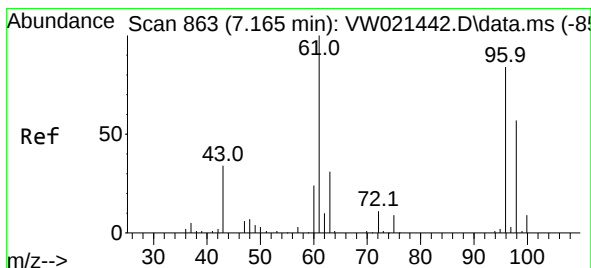
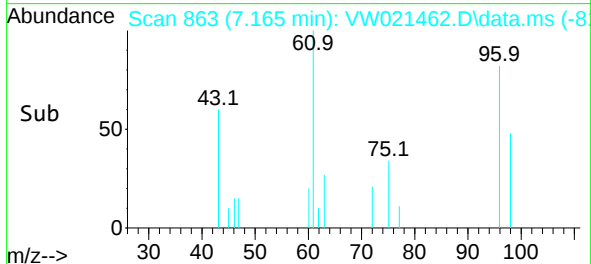
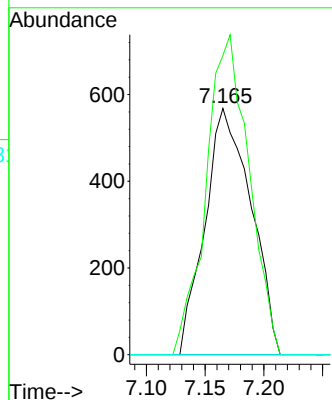
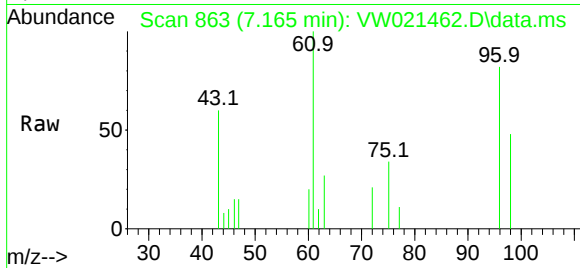




#20
 cis-1,2-Dichloroethene
 Concen: 1.079 ug/L
 RT: 7.165 min Scan# 863
 Delta R.T. -0.006 min
 Lab File: VW021462.D
 Acq: 18 Dec 2021 08:05

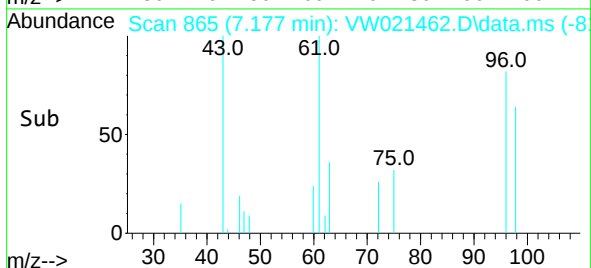
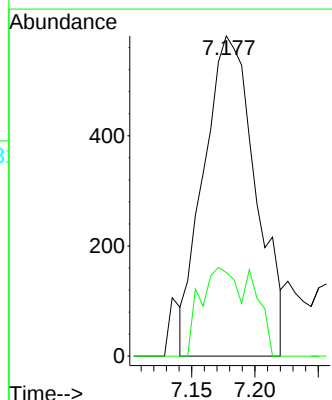
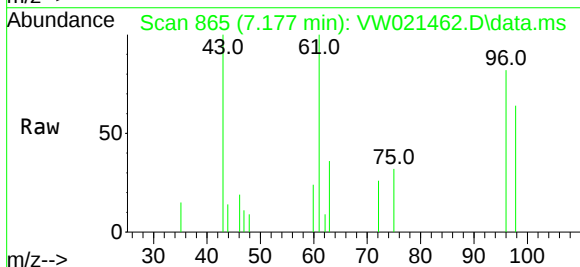
Instrument :
 MSVOA_W
 ClientSampleId :

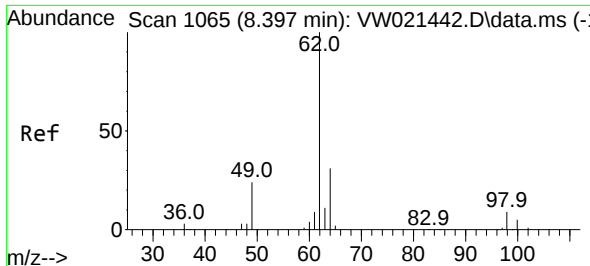
Tgt Ion: 96 Resp: 1551
 Ion Ratio Lower Upper
 96 100
 61 121.5 103.7 192.7
 68 0.0 0.0 0.0



#22
 2-Butanone
 Concen: 5.444 ug/L
 RT: 7.177 min Scan# 865
 Delta R.T. 0.012 min
 Lab File: VW021462.D
 Acq: 18 Dec 2021 08:05

Tgt Ion: 43 Resp: 1661
 Ion Ratio Lower Upper
 43 100
 72 20.0 11.8 35.4





#27

1,2-Dichloroethane

Concen: 0.875 ug/L

RT: 8.397 min Scan# 110

Delta R.T. -0.000 min

Lab File: VW021462.D

Acq: 18 Dec 2021 08:05

Instrument :

MSVOA_W

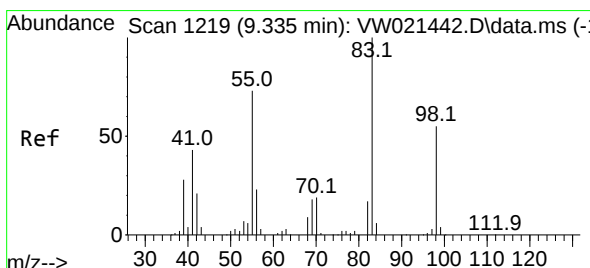
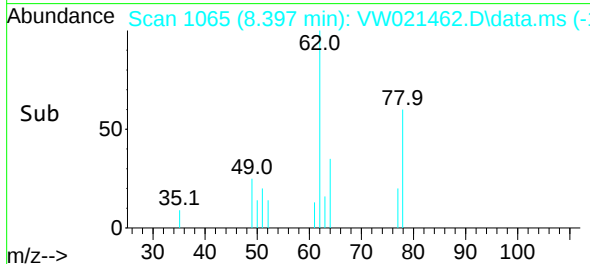
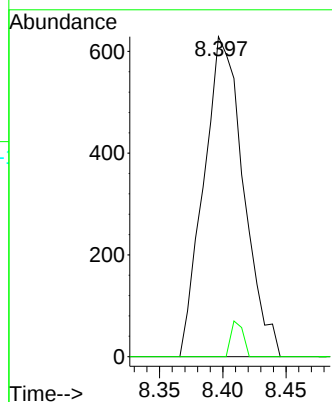
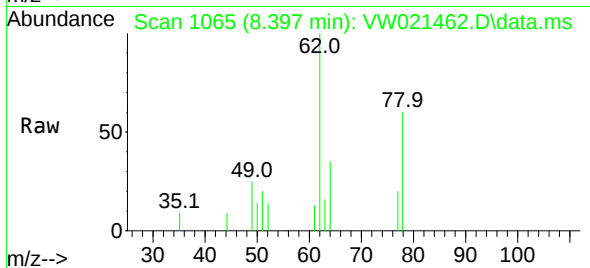
ClientSampleId :

Tgt Ion: 62 Resp: 1375

Ion Ratio Lower Upper

62 100

98 0.0 6.5 9.7#



#35

Methylcyclohexane

Concen: 5.125 ug/L

RT: 9.274 min Scan# 1209

Delta R.T. -0.061 min

Lab File: VW021462.D

Acq: 18 Dec 2021 08:05

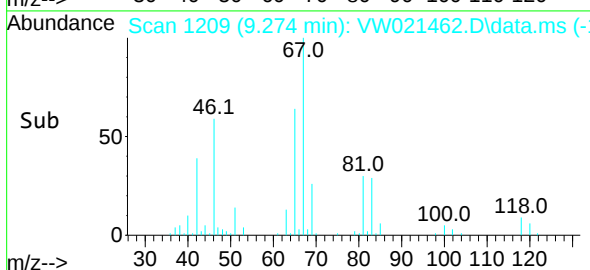
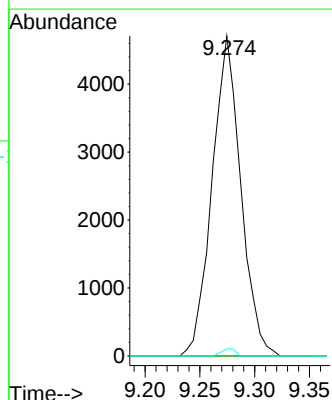
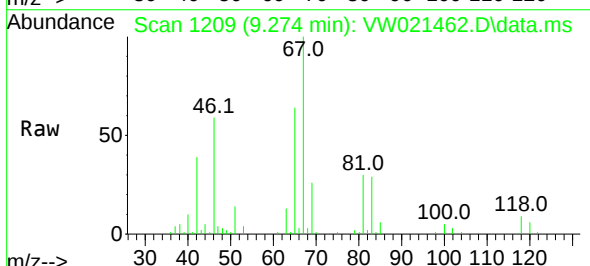
Tgt Ion: 83 Resp: 8586

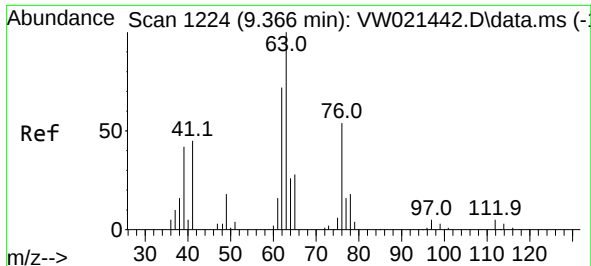
Ion Ratio Lower Upper

83 100

55 0.0 70.8 106.2#

98 1.1 37.7 56.5#





#37

1,2-Dichloropropane

Concen: 5.042 ug/L

RT: 9.274 min Scan# 11

Delta R.T. -0.091 min

Lab File: VW021462.D

Acq: 18 Dec 2021 08:05

Instrument :

MSVOA_W

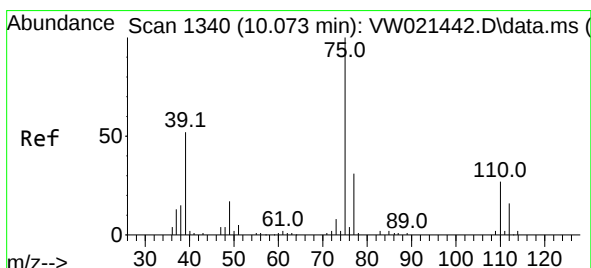
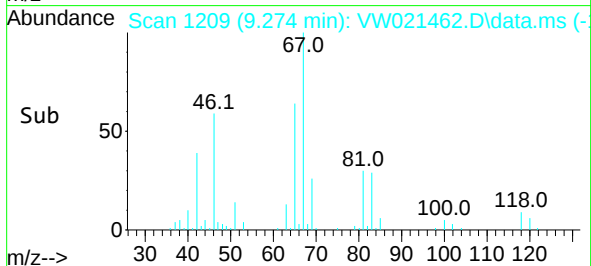
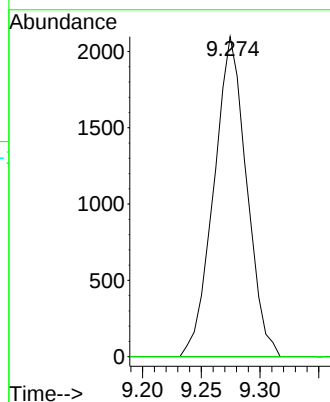
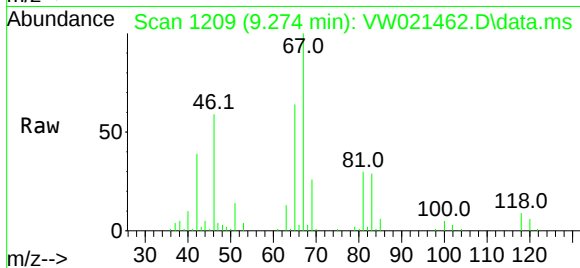
ClientSampleId :

Tgt Ion: 63 Resp: 4069

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.656 ug/L

RT: 10.043 min Scan# 1335

Delta R.T. -0.031 min

Lab File: VW021462.D

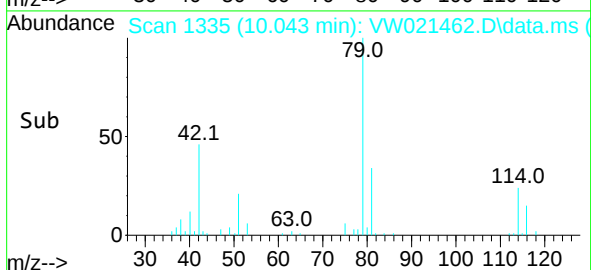
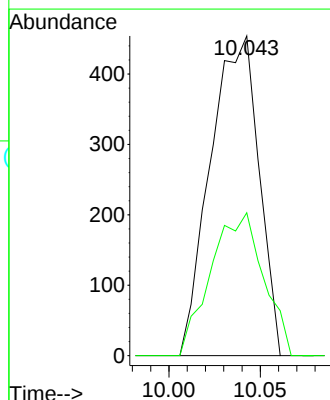
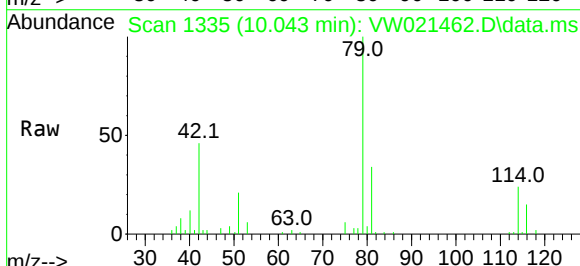
Acq: 18 Dec 2021 08:05

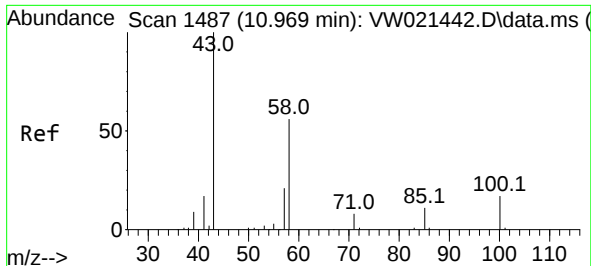
Tgt Ion: 75 Resp: 835

Ion Ratio Lower Upper

75 100

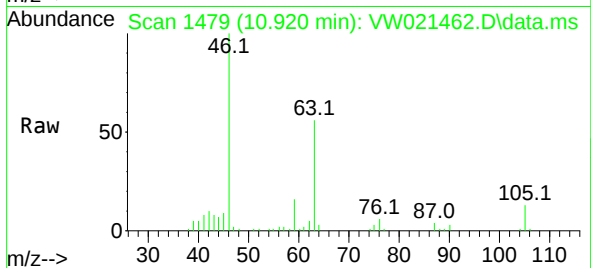
77 44.7 21.8 40.6#



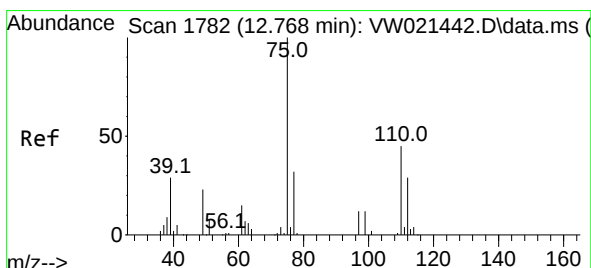
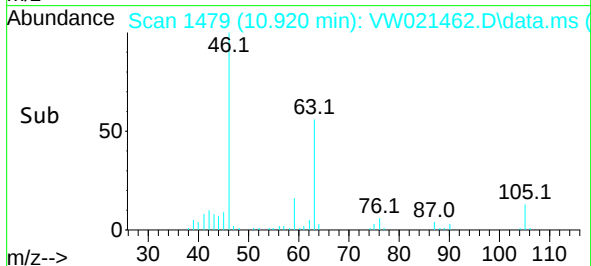
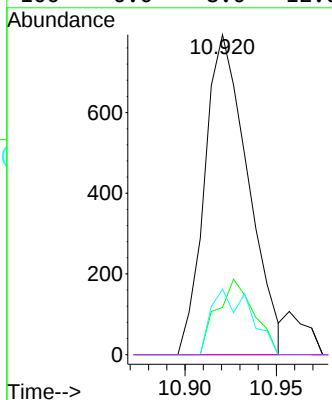


#48
2-Hexanone
Concen: 4.105 ug/L
RT: 10.920 min Scan# 1487
Delta R.T. -0.049 min
Lab File: VW021462.D
Acq: 18 Dec 2021 08:05

Instrument :
MSVOA_W
ClientSampleId :

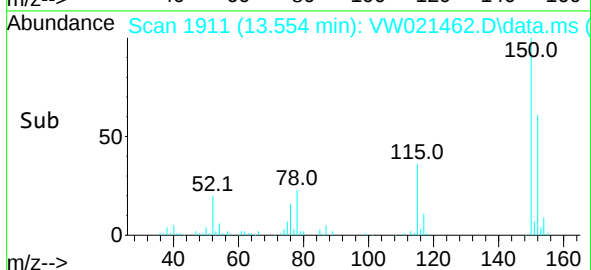
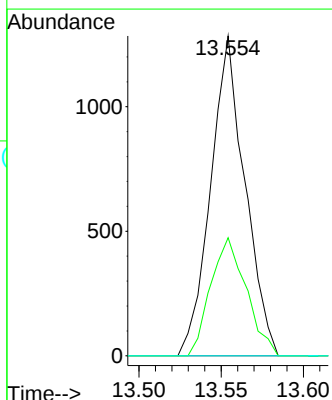
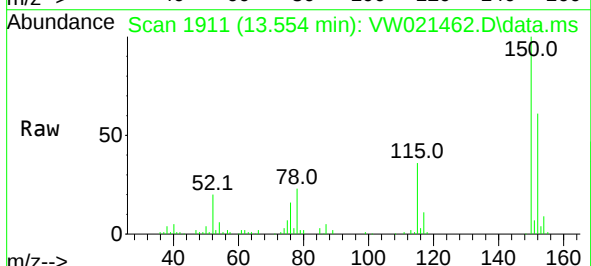


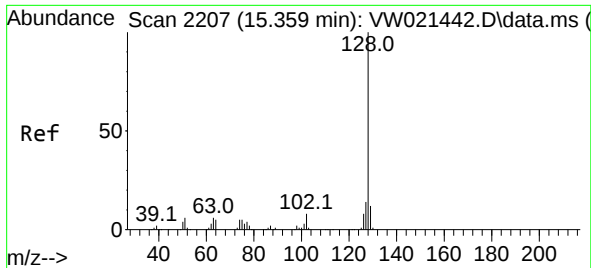
Tgt Ion: 43	Resp: 1309
Ion Ratio	Lower Upper
43 100	
58 19.9	40.2 60.2#
57 18.4	14.3 21.5
100 0.0	8.0 12.0#



#61
1,2,3-Trichloropropane
Concen: 7.631 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.786 min
Lab File: VW021462.D
Acq: 18 Dec 2021 08:05

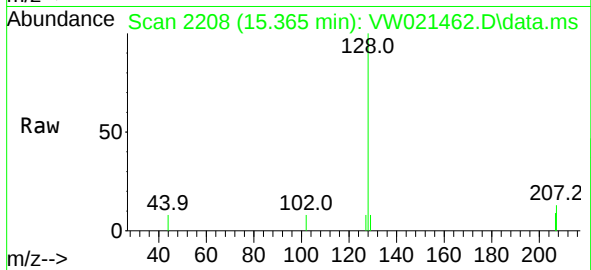
Tgt Ion: 75	Resp: 1864
Ion Ratio	Lower Upper
75 100	
77 38.3	25.8 38.8
110 0.0	29.0 43.4#





#71
Naphthalene
Concen: 1.095 ug/L
RT: 15.365 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW021462.D
Acq: 18 Dec 2021 08:05

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:128 Resp: 1150
Ion Ratio Lower Upper
128 100
127 6.8 10.7 16.1#
129 5.8 8.6 12.8#

