

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
 Data File : VW021460.D
 Acq On : 18 Dec 2021 07:17
 Operator : SY/VA
 Sample : M5121-01
 Misc : 5.84g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 18 23:10:01 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)

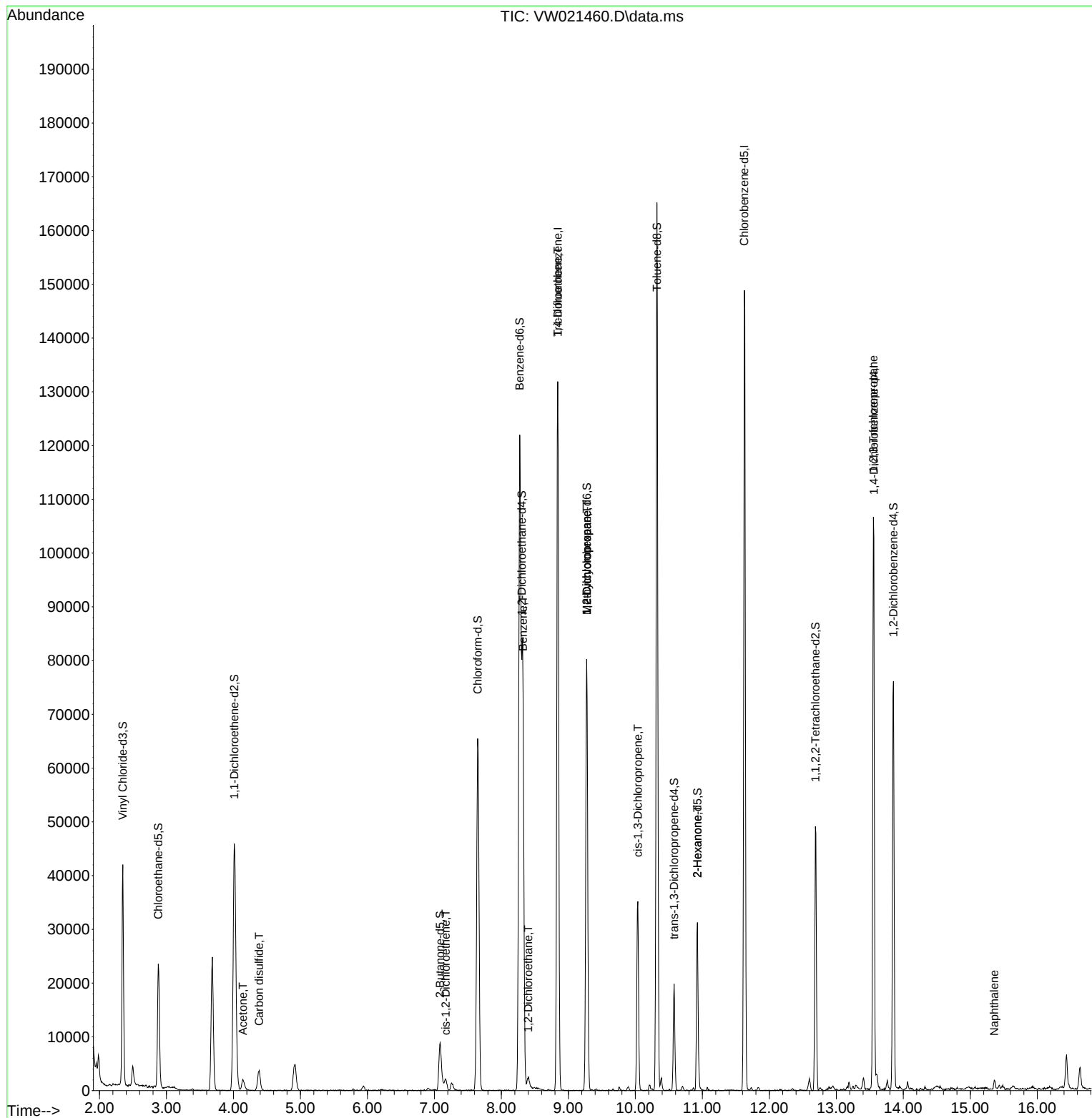
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	114206	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.627	117	85780	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	29169	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	38722	18.616	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.480%
7) Chloroethane-d5	2.879	69	26085	18.970	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.880%
11) 1,1-Dichloroethene-d2	4.013	63	43952	15.850	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.400%
21) 2-Butanone-d5	7.085	46	15301	52.187	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.380%
24) Chloroform-d	7.646	84	66754	20.974	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.880%
26) 1,2-Dichloroethane-d4	8.305	65	36589	21.613	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.440%
32) Benzene-d6	8.274	84	123128	26.187	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.760%
36) 1,2-Dichloropropane-d6	9.274	67	35182	27.900	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.600%
41) Toluene-d8	10.323	98	106848	22.241	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.960%
43) trans-1,3-Dichloroprop...	10.579	79	10557	18.182	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.720%
47) 2-Hexanone-d5	10.926	63	10640	57.061	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.120%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	22498	20.755	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.000%
66) 1,2-Dichlorobenzene-d4	13.853	152	21432	18.959	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	75.840%
Target Compounds						
					Qvalue	
13) Acetone	4.141	43	4211	16.021	ug/L	81
14) Carbon disulfide	4.385	76	8206	2.245	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	1041	0.644	ug/L	# 59
27) 1,2-Dichloroethane	8.402	62	1661	0.939	ug/L	98
33) Benzene	8.323	78	54283	11.617	ug/L	100
34) Trichloroethene	8.841	95	3591	2.738	ug/L	# 5
35) Methylcyclohexane	9.274	83	9754	4.508	ug/L	# 14
37) 1,2-Dichloropropane	9.274	63	4418	4.239	ug/L	# 88
39) cis-1,3-Dichloropropene	10.036	75	1112	0.677	ug/L	# 75
48) 2-Hexanone	10.926	43	1680	4.079	ug/L	# 65
61) 1,2,3-Trichloropropane	13.554	75	3218	7.580	ug/L	# 67
71) Naphthalene	15.358	128	1986	1.088	ug/L	# 95

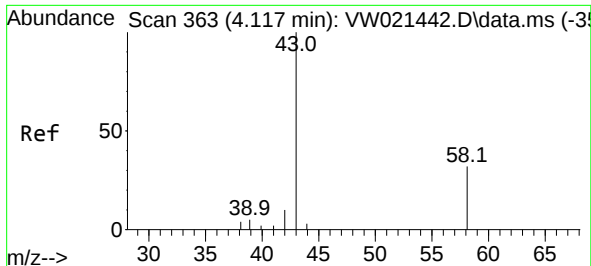
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

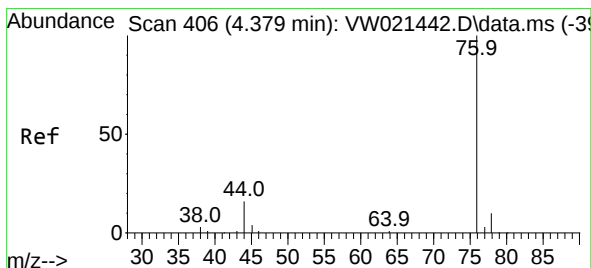
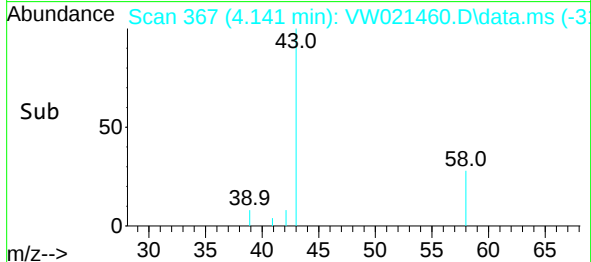
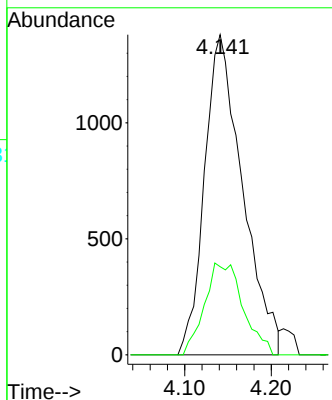
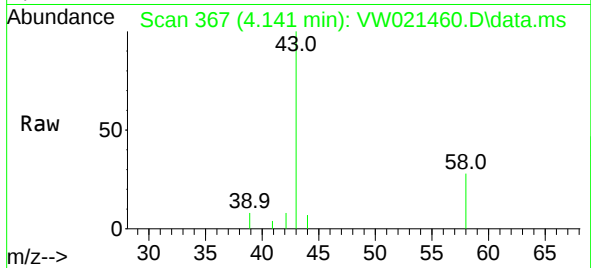




#13
Acetone
Concen: 16.021 ug/L
RT: 4.141 min Scan# 30
Delta R.T. 0.024 min
Lab File: VW021460.D
Acq: 18 Dec 2021 07:17

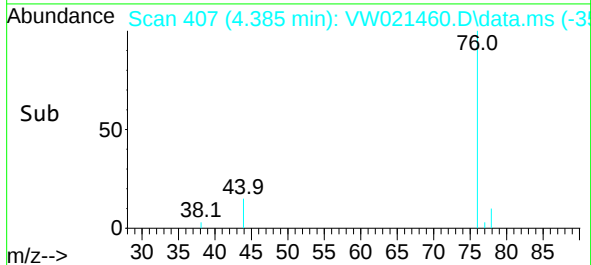
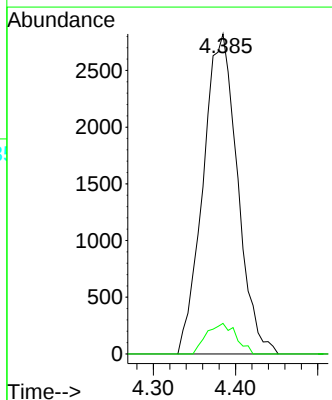
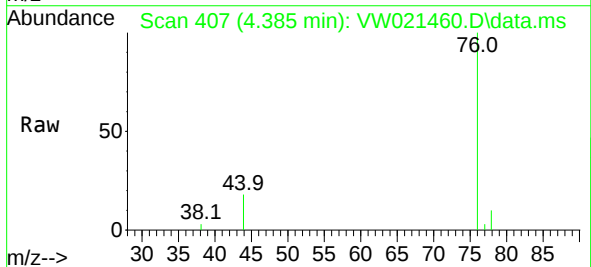
Instrument :
MSVOA_W
ClientSampleId :

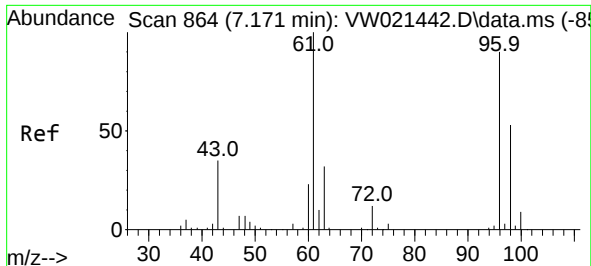
Tgt Ion: 43 Resp: 4211
Ion Ratio Lower Upper
43 100
58 16.6 0.0 52.8



#14
Carbon disulfide
Concen: 2.245 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.006 min
Lab File: VW021460.D
Acq: 18 Dec 2021 07:17

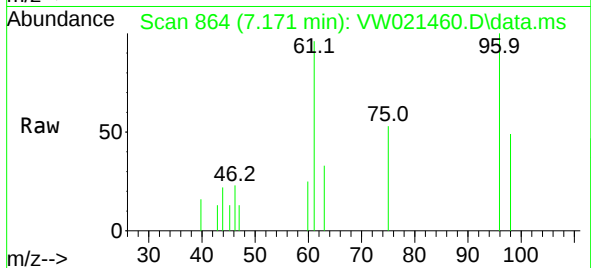
Tgt Ion: 76 Resp: 8206
Ion Ratio Lower Upper
76 100
78 9.5 7.1 10.7



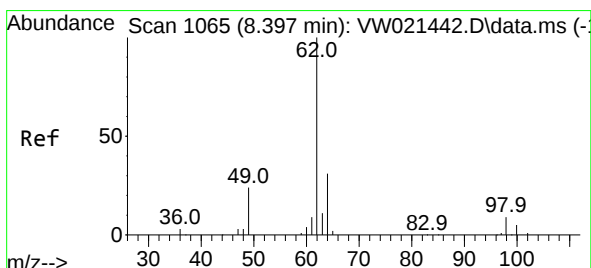
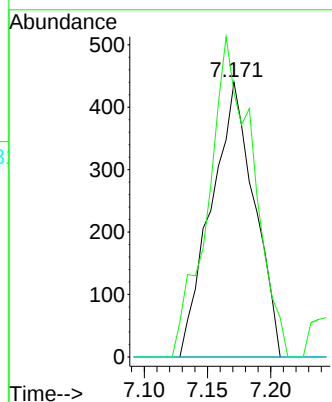
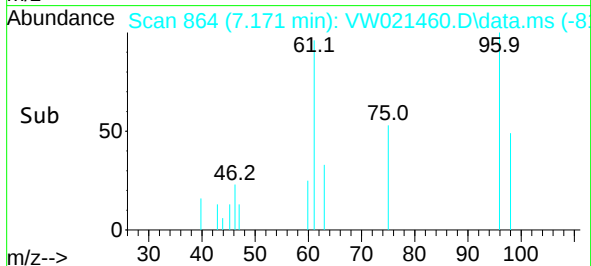


#20
 cis-1,2-Dichloroethene
 Concen: 0.644 ug/L
 RT: 7.171 min Scan# 864
 Delta R.T. -0.000 min
 Lab File: VW021460.D
 Acq: 18 Dec 2021 07:17

Instrument :
 MSVOA_W
 ClientSampleId :

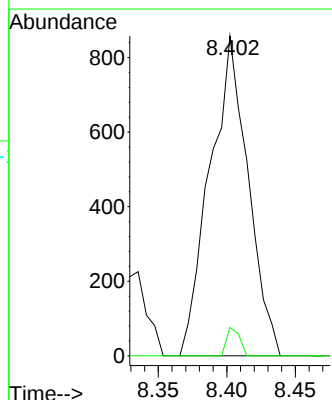
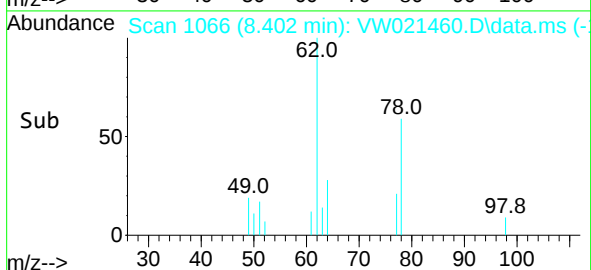
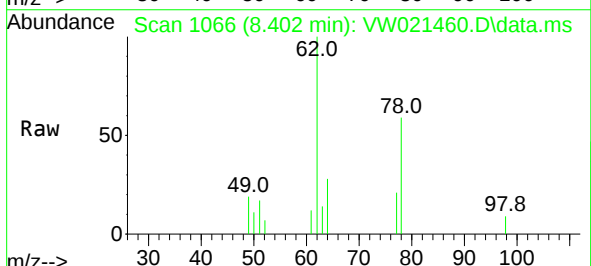


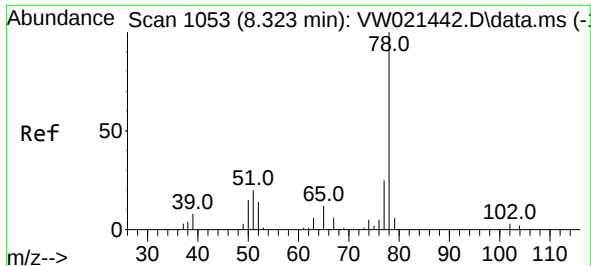
Tgt Ion: 96 Resp: 1041
 Ion Ratio Lower Upper
 96 100
 61 96.1 103.7 192.7#
 68 0.0 0.0 0.0



#27
 1,2-Dichloroethane
 Concen: 0.939 ug/L
 RT: 8.402 min Scan# 1066
 Delta R.T. 0.006 min
 Lab File: VW021460.D
 Acq: 18 Dec 2021 07:17

Tgt Ion: 62 Resp: 1661
 Ion Ratio Lower Upper
 62 100
 98 8.9 6.5 9.7

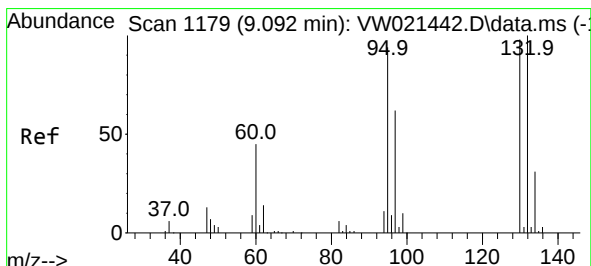
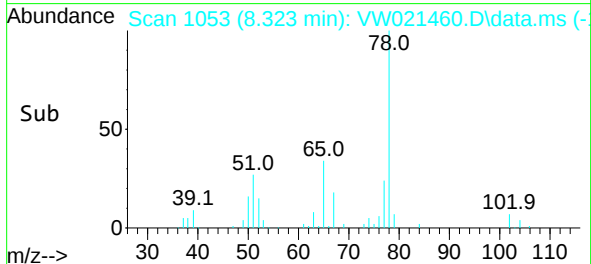
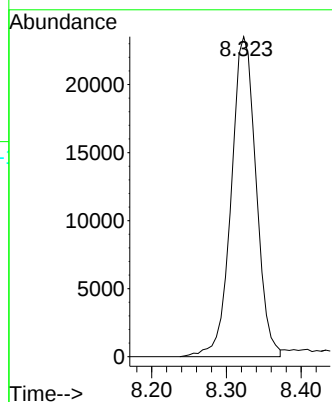
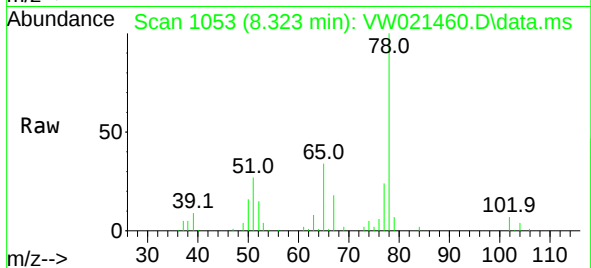




#33
Benzene
Concen: 11.617 ug/L
RT: 8.323 min Scan# 1138
Delta R.T. -0.000 min
Lab File: VW021460.D
Acq: 18 Dec 2021 07:17

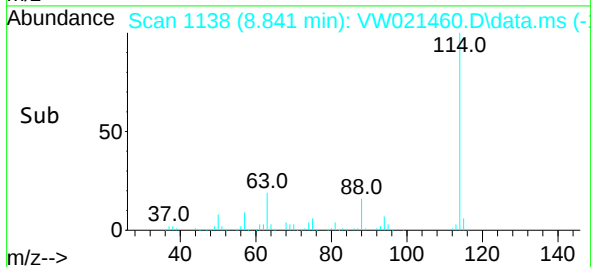
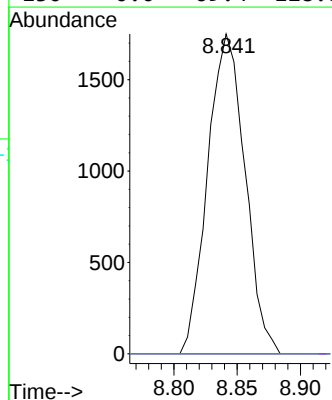
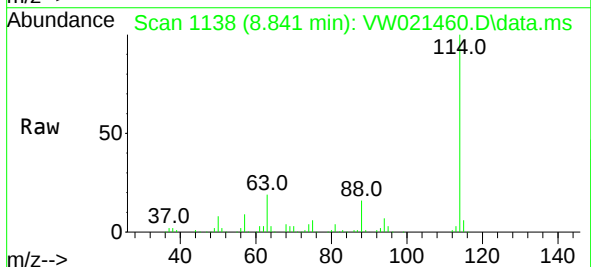
Instrument :
MSVOA_W
ClientSampleId :

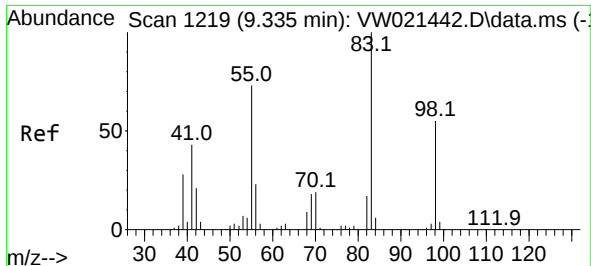
Tgt Ion: 78 Resp: 54283



#34
Trichloroethene
Concen: 2.738 ug/L
RT: 8.841 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW021460.D
Acq: 18 Dec 2021 07:17

Tgt Ion: 95 Resp: 3591
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: 4.508 ug/L

RT: 9.274 min Scan# 11

Delta R.T. -0.061 min

Lab File: VW021460.D

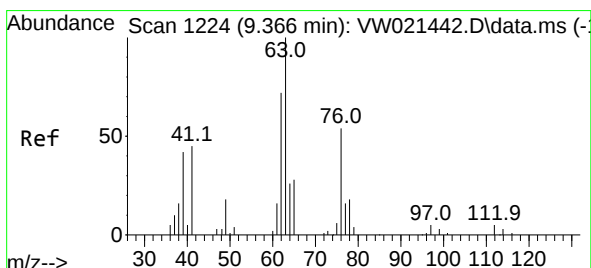
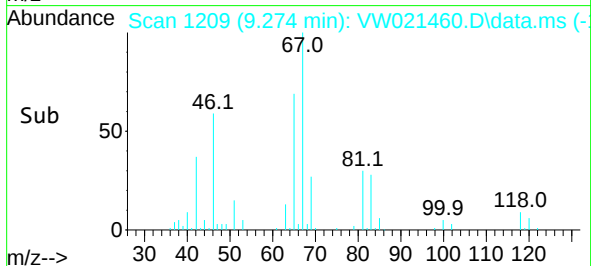
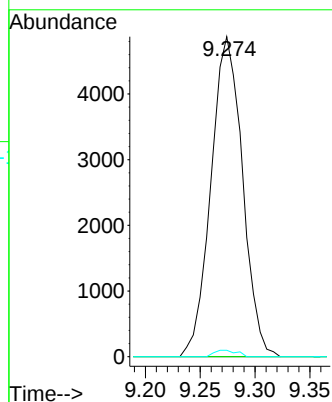
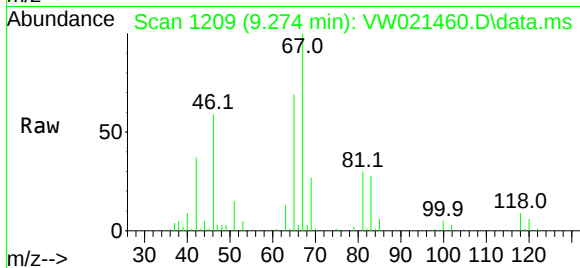
Acq: 18 Dec 2021 07:17

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	70.8	106.2#
98	1.5	37.7	56.5#



#37

1,2-Dichloropropane

Concen: 4.239 ug/L

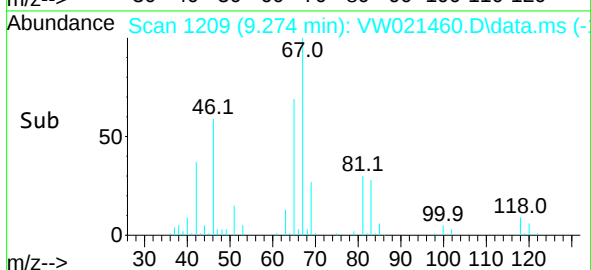
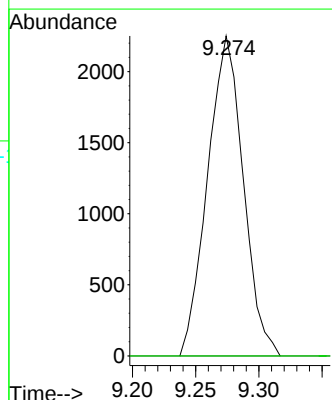
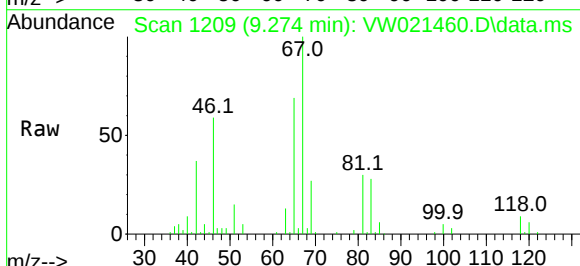
RT: 9.274 min Scan# 1209

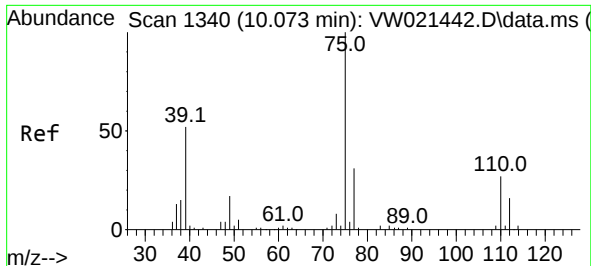
Delta R.T. -0.092 min

Lab File: VW021460.D

Acq: 18 Dec 2021 07:17

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





#39

cis-1,3-Dichloropropene

Concen: 0.677 ug/L

RT: 10.036 min Scan# 1112

Delta R.T. -0.037 min

Lab File: VW021460.D

Acq: 18 Dec 2021 07:17

Instrument :

MSVOA_W

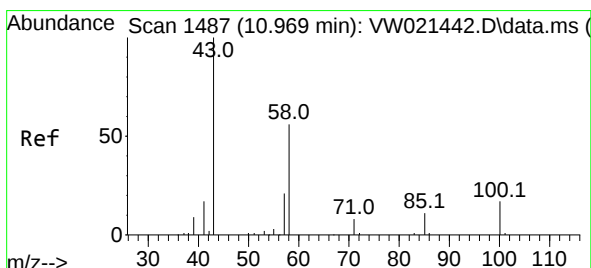
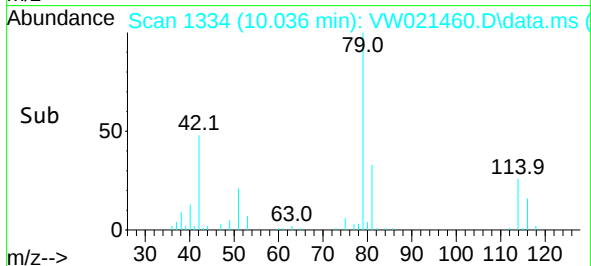
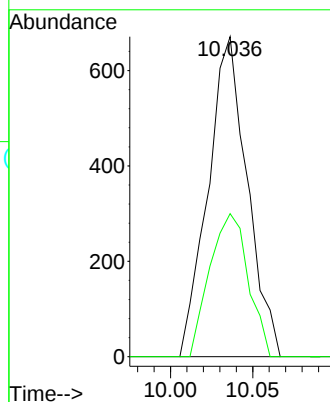
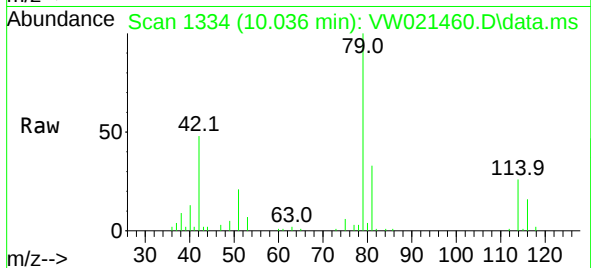
ClientSampleId :

Tgt Ion: 75 Resp: 1112

Ion Ratio Lower Upper

75 100

77 44.7 21.8 40.6#



#48

2-Hexanone

Concen: 4.079 ug/L

RT: 10.926 min Scan# 1480

Delta R.T. -0.043 min

Lab File: VW021460.D

Acq: 18 Dec 2021 07:17

Tgt Ion: 43 Resp: 1680

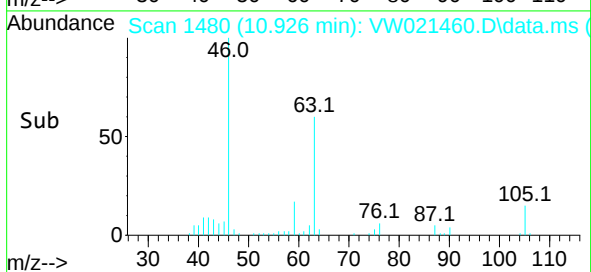
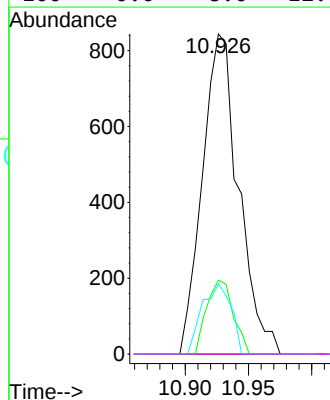
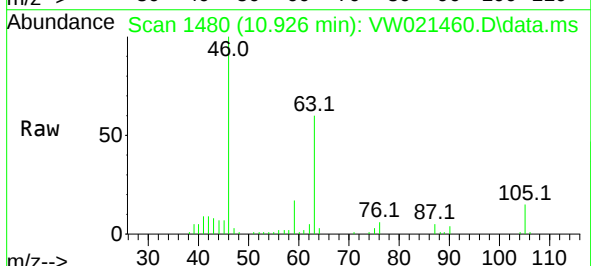
Ion Ratio Lower Upper

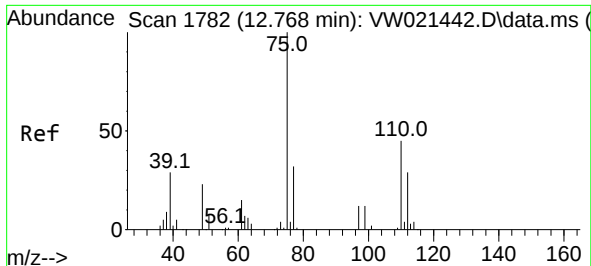
43 100

58 17.0 40.2 60.2#

57 17.6 14.3 21.5

100 0.0 8.0 12.0#





#61

1,2,3-Trichloropropane

Concen: 7.580 ug/L

RT: 13.554 min Scan# 1911

Delta R.T. 0.786 min

Lab File: VW021460.D

Acq: 18 Dec 2021 07:17

Instrument :

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ClientSampleId :

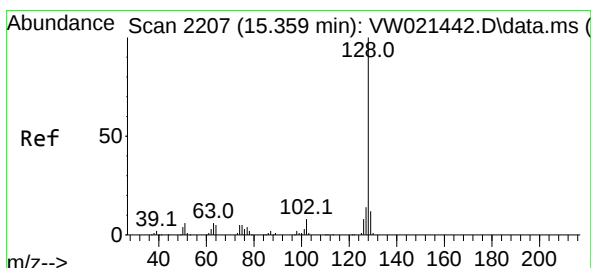
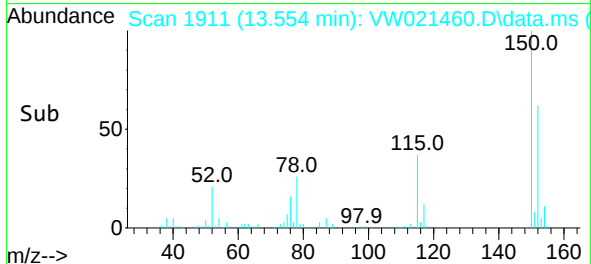
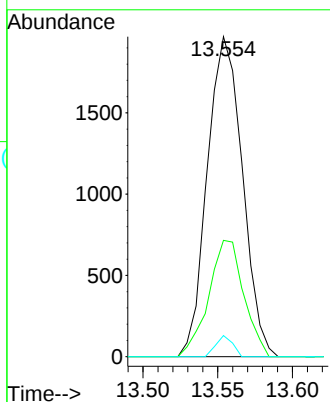
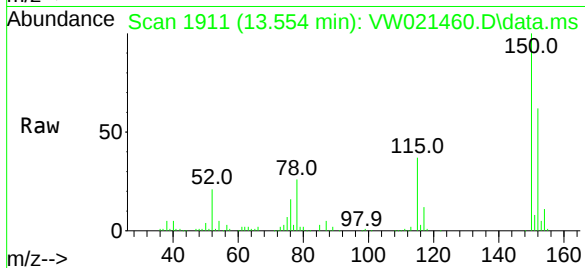
Tgt Ion: 75 Resp: 3218

Ion Ratio Lower Upper

75 100

77 36.4 25.8 38.8

110 3.1 29.0 43.4#



#71

Naphthalene

Concen: 1.088 ug/L

RT: 15.358 min Scan# 2207

Delta R.T. -0.000 min

Lab File: VW021460.D

Acq: 18 Dec 2021 07:17

Tgt Ion:128 Resp: 1986

Ion Ratio Lower Upper

128 100

127 10.0 10.7 16.1#

129 11.0 8.6 12.8

