

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101421\
 Data File : VW020522.D
 Acq On : 15 Oct 2021 04:00
 Operator : SY/VA
 Sample : M4210-10
 Misc : 6.08g/10mL/MSVOA_W/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JDGD5

Quant Time: Oct 15 08:00:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Oct 15 00:58:32 2021
 Response via : Initial Calibration

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

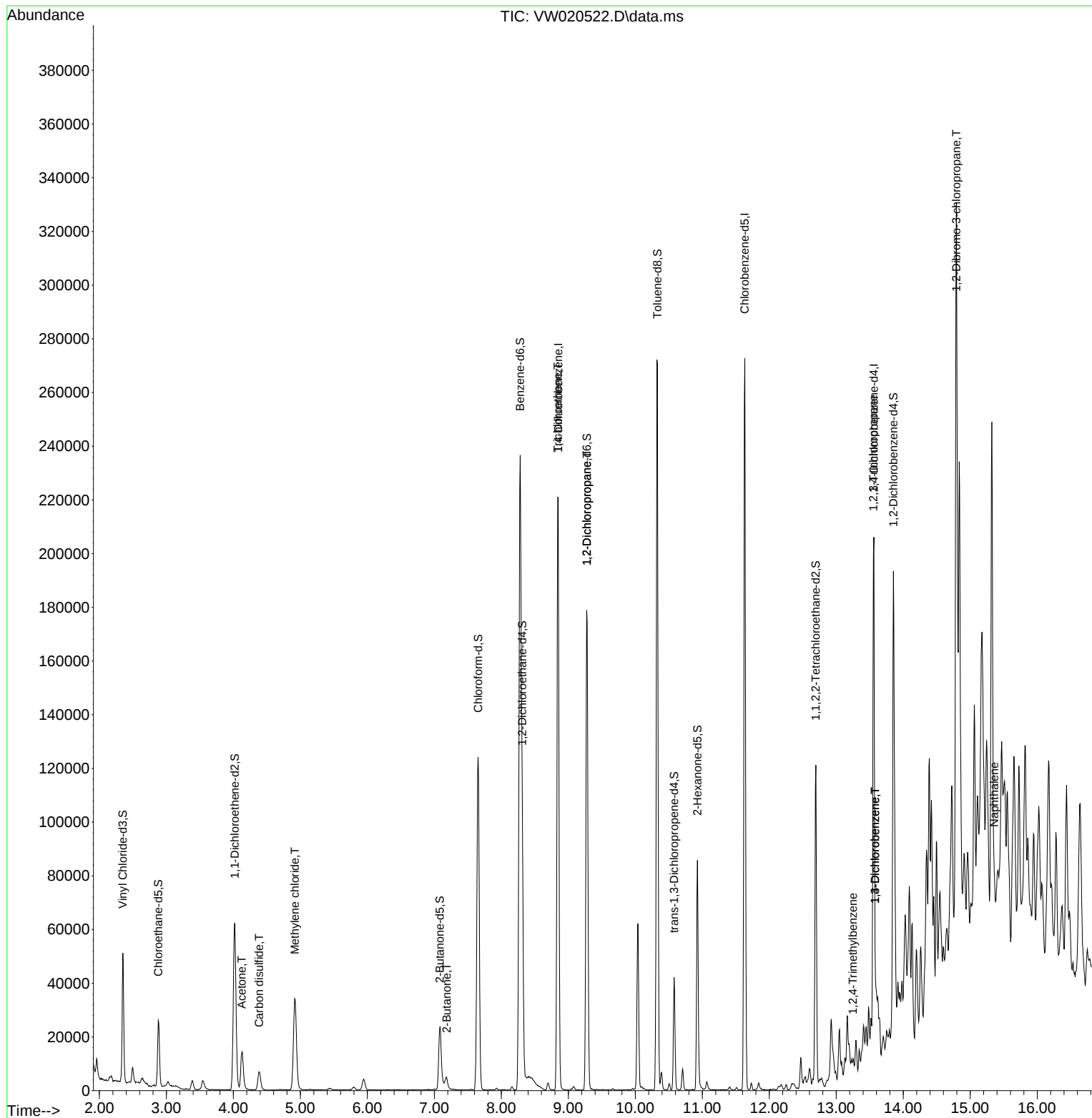
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	172347	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	138615	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	45717	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	39250	15.651	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.600%
7) Chloroethane-d5	2.879	69	25801	19.477	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.920%
11) 1,1-Dichloroethene-d2	4.019	63	62737	12.209	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	48.840%
21) 2-Butanone-d5	7.080	46	41998	55.028	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.060%
24) Chloroform-d	7.653	84	124931	22.740	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.960%
26) 1,2-Dichloroethane-d4	8.311	65	76415	24.354	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.400%
32) Benzene-d6	8.281	84	223513	24.514	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.040%
36) 1,2-Dichloropropane-d6	9.275	67	81686	27.489	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.960%
41) Toluene-d8	10.329	98	170533	20.845	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.360%
43) trans-1,3-Dichloroprop...	10.579	79	21862	18.104	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.400%
47) 2-Hexanone-d5	10.927	63	25359	55.473	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.940%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	57988	25.816	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.280%
66) 1,2-Dichlorobenzene-d4	13.853	152	41189	23.032	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.120%
Target Compounds						Qvalue
13) Acetone	4.123	43	25918	36.988	ug/L	98
14) Carbon disulfide	4.385	76	13559	1.720	ug/L	99
16) Methylene chloride	4.916	84	24217	7.228	ug/L	96
22) 2-Butanone	7.183	43	7077	8.068	ug/L	96
34) Trichloroethene	8.842	95	5351	2.200	ug/L #	8
37) 1,2-Dichloropropane	9.275	63	9630	3.766	ug/L #	87
61) 1,2,3-Trichloropropane	13.554	75	7756	7.701	ug/L #	68
63) 1,2,4-Trimethylbenzene	13.249	105	3993	0.736	ug/L	93
64) 1,3-Dichlorobenzene	13.579	146	2953	1.017	ug/L #	80
65) 1,4-Dichlorobenzene	13.579	146	2953	0.983	ug/L #	87
68) 1,2-Dibromo-3-chloropr...	14.792	75	1973	9.223	ug/L #	21
71) Naphthalene	15.359	128	7278	2.469	ug/L	97

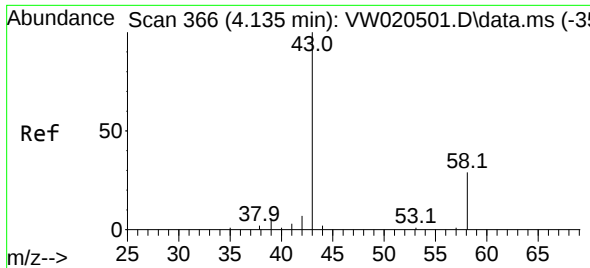
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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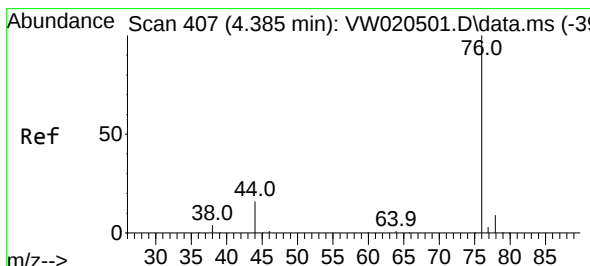
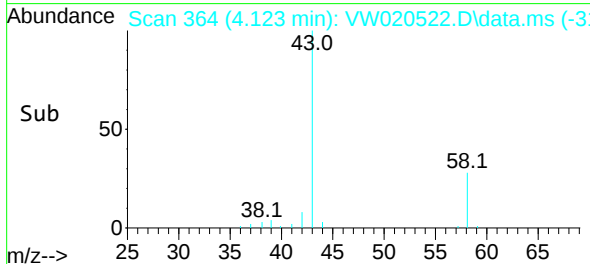
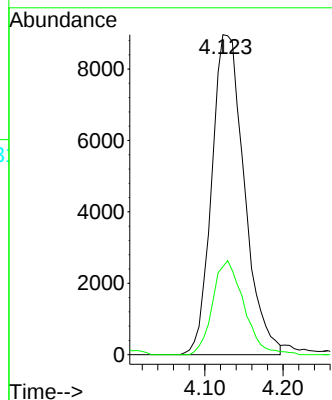
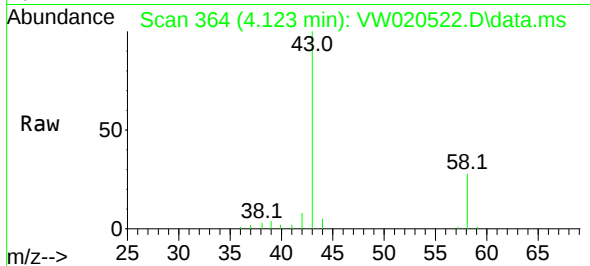




#13
Acetone
Concen: 36.988 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.012 min
Lab File: VW020522.D
Acq: 15 Oct 2021 04:00

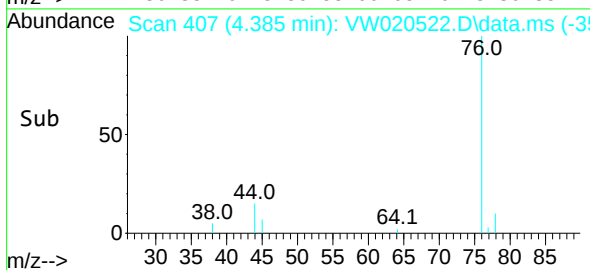
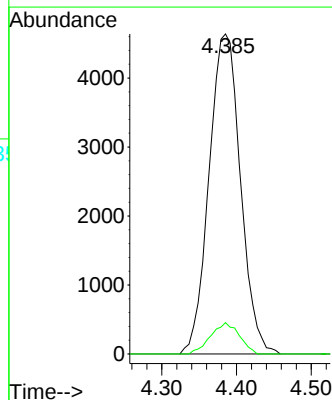
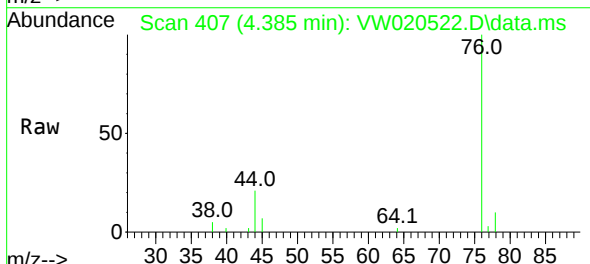
Instrument :
MSVOA_W
ClientSampled :
JDGD5

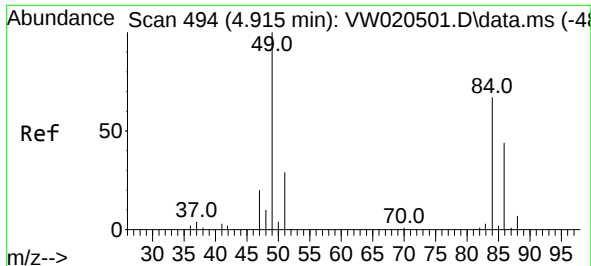
Tgt Ion: 43 Resp: 25918
Ion Ratio Lower Upper
43 100
58 28.2 0.0 58.4



#14
Carbon disulfide
Concen: 1.720 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
Lab File: VW020522.D
Acq: 15 Oct 2021 04:00

Tgt Ion: 76 Resp: 13559
Ion Ratio Lower Upper
76 100
78 9.8 7.4 11.2

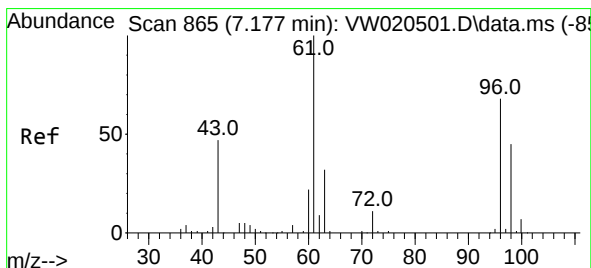
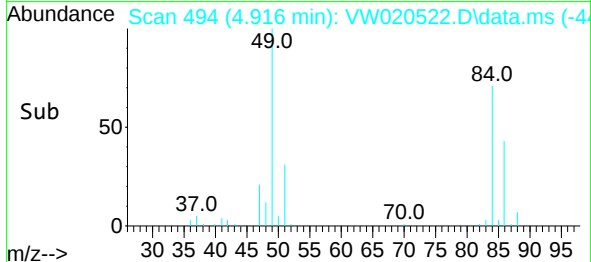
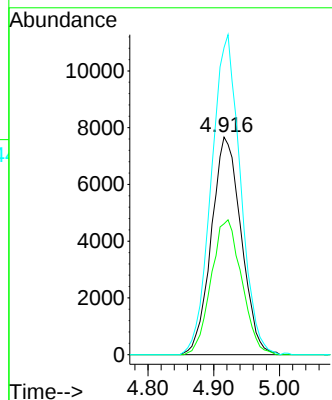
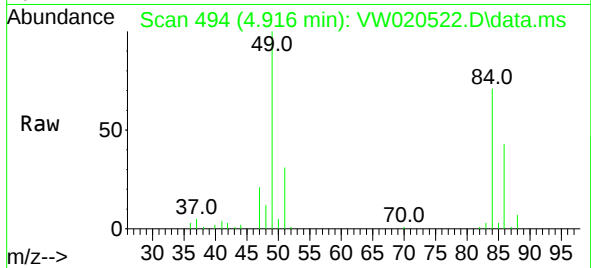




#16
Methylene chloride
Concen: 7.228 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW020522.D
Acq: 15 Oct 2021 04:00

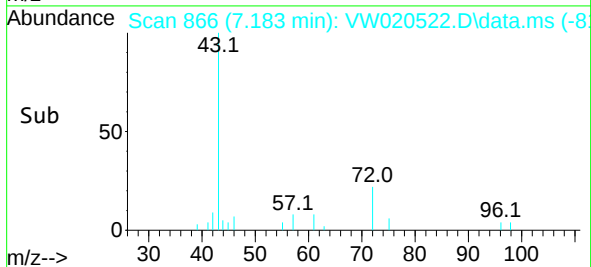
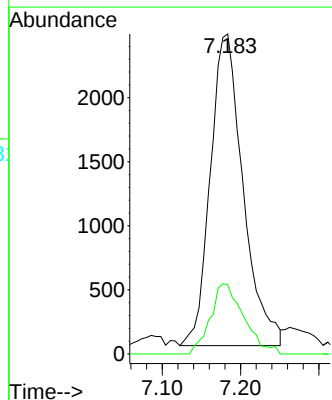
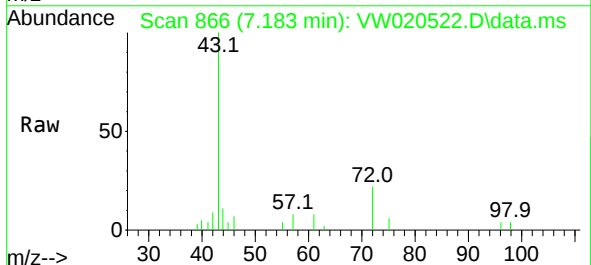
Instrument :
MSVOA_W
ClientSampled :
JDGD5

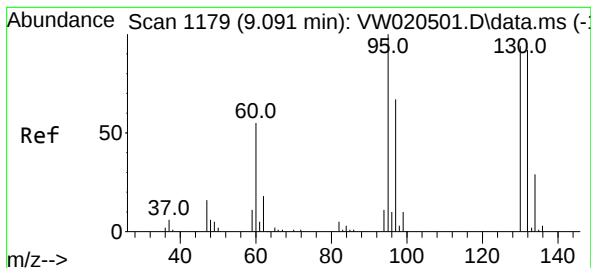
Tgt Ion: 84 Resp: 24217
Ion Ratio Lower Upper
84 100
86 60.2 44.7 83.1
49 141.1 101.7 188.9



#22
2-Butanone
Concen: 8.068 ug/L
RT: 7.183 min Scan# 866
Delta R.T. 0.006 min
Lab File: VW020522.D
Acq: 15 Oct 2021 04:00

Tgt Ion: 43 Resp: 7077
Ion Ratio Lower Upper
43 100
72 22.7 12.2 36.6

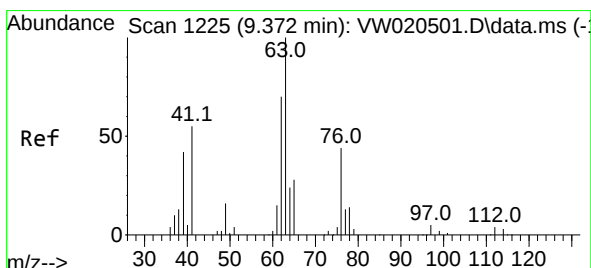
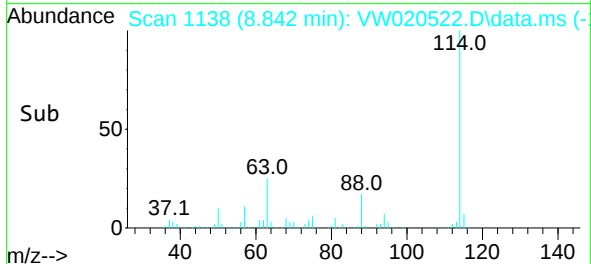
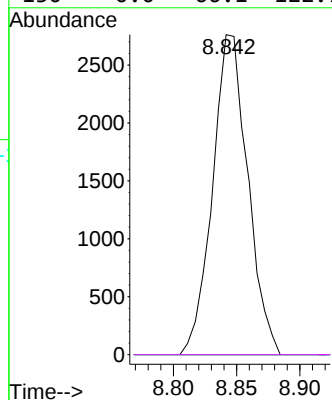
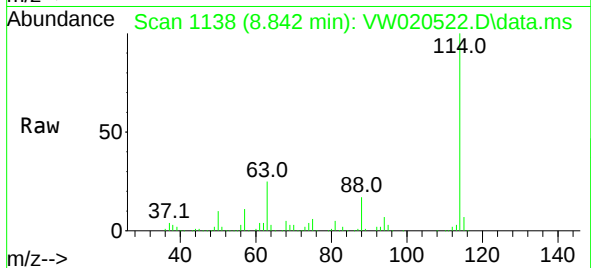




#34
Trichloroethene
Concen: 2.200 ug/L
RT: 8.842 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW020522.D
Acq: 15 Oct 2021 04:00

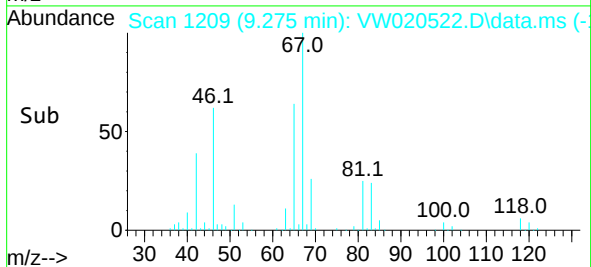
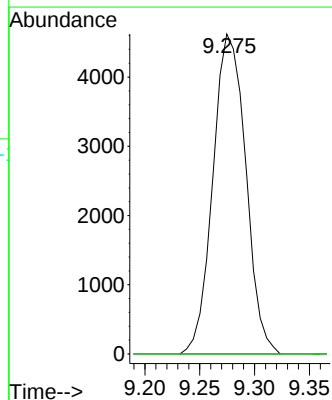
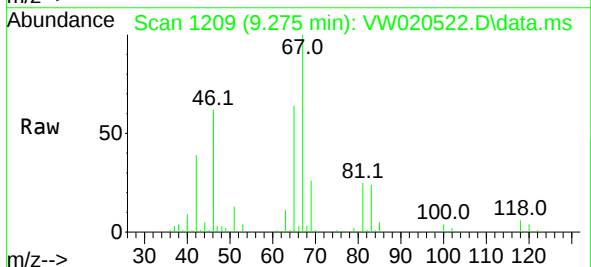
Instrument :
MSVOA_W
ClientSampled :
JDGD5

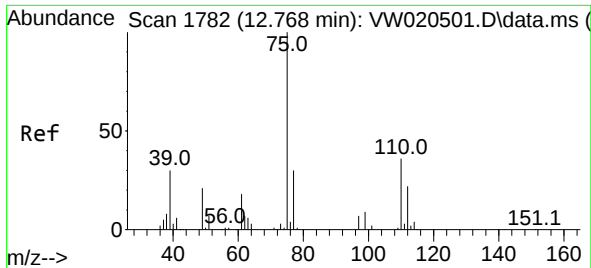
Tgt Ion:	95	Resp:	5351
Ion	Ratio	Lower	Upper
95	100		
97	0.0	43.2	80.2#
132	0.0	62.3	115.7#
130	0.0	66.1	122.7#



#37
1,2-Dichloropropane
Concen: 3.766 ug/L
RT: 9.275 min Scan# 1209
Delta R.T. -0.097 min
Lab File: VW020522.D
Acq: 15 Oct 2021 04:00

Tgt Ion:	63	Resp:	9630
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#

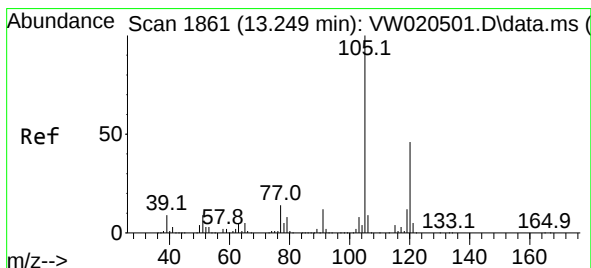
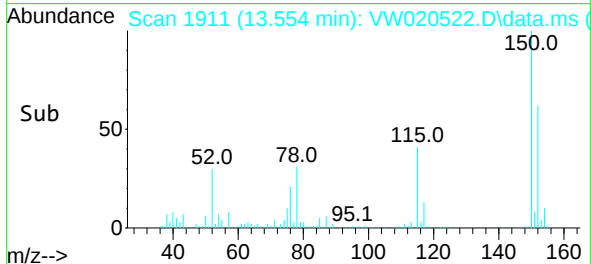
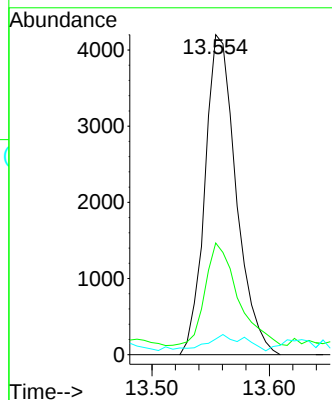
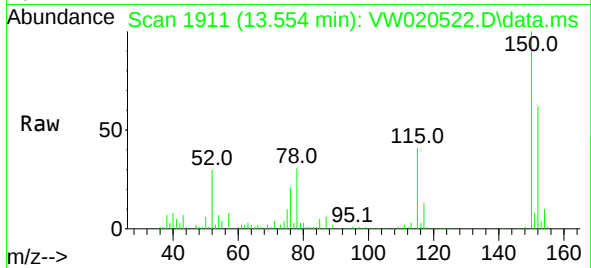




#61
1,2,3-Trichloropropane
Concen: 7.701 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.787 min
Lab File: VW020522.D
Acq: 15 Oct 2021 04:00

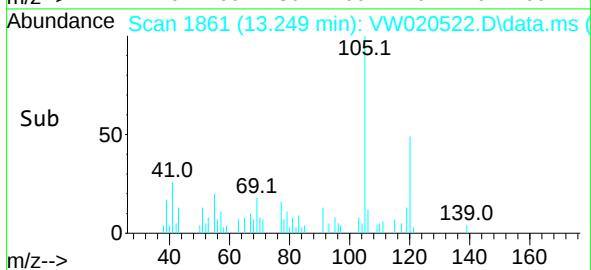
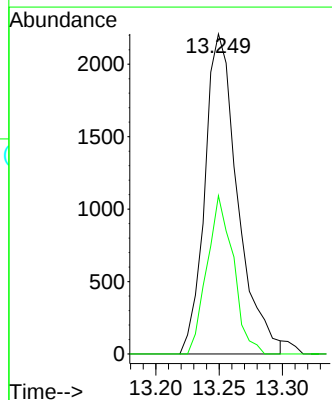
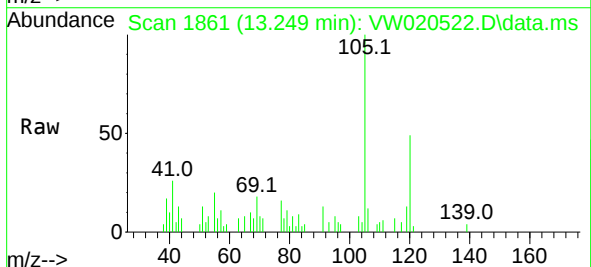
Instrument :
MSVOA_W
ClientSampled :
JDGD5

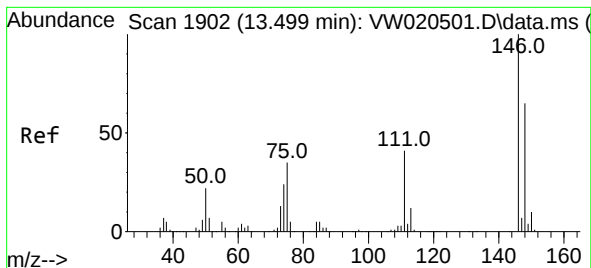
Tgt Ion: 75 Resp: 7756
Ion Ratio Lower Upper
75 100
77 33.4 25.1 37.7
110 3.7 29.4 44.0#



#63
1,2,4-Trimethylbenzene
Concen: 0.736 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW020522.D
Acq: 15 Oct 2021 04:00

Tgt Ion: 105 Resp: 3993
Ion Ratio Lower Upper
105 100
120 39.6 35.4 53.2

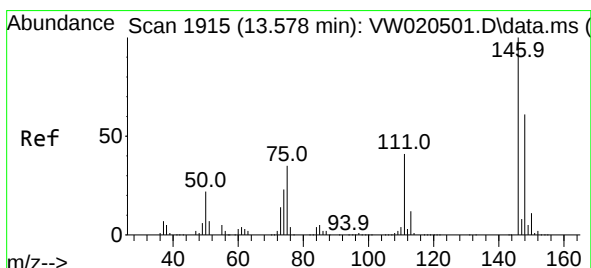
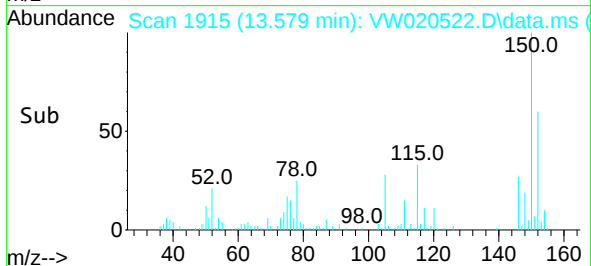
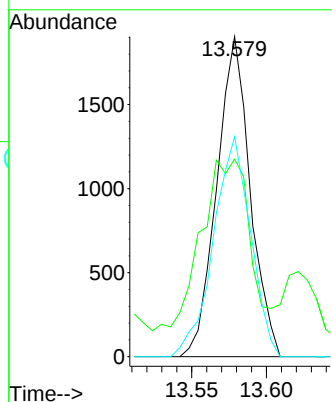
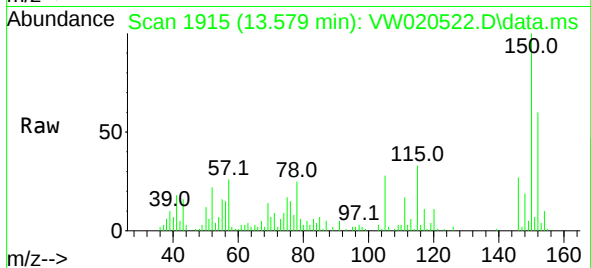




#64
1,3-Dichlorobenzene
Concen: 1.017 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.080 min
Lab File: VW020522.D
Acq: 15 Oct 2021 04:00

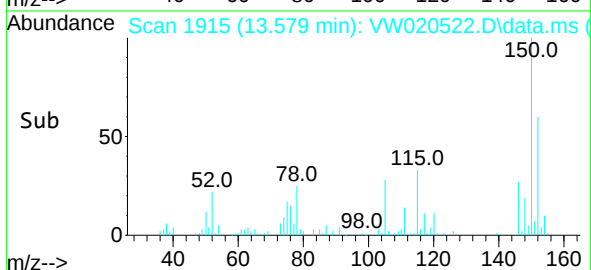
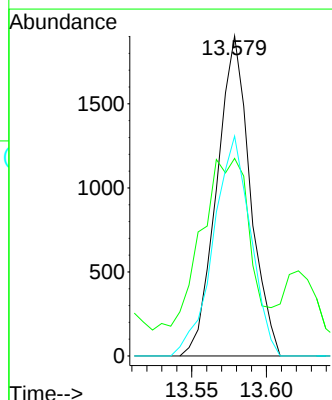
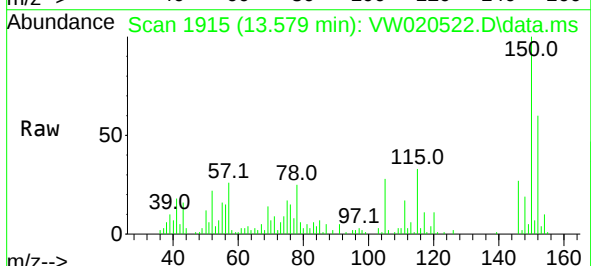
Instrument :
MSVOA_W
ClientSampled :
JDGD5

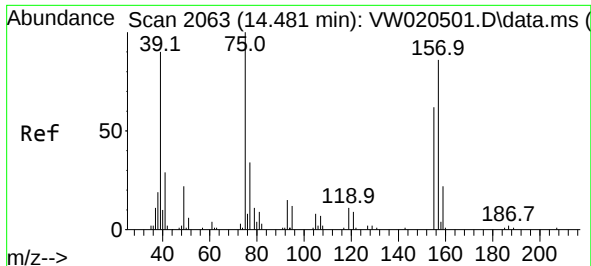
Tgt Ion:146 Resp: 2953
Ion Ratio Lower Upper
146 100
111 61.8 29.0 53.8#
148 68.7 42.4 78.6



#65
1,4-Dichlorobenzene
Concen: 0.983 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW020522.D
Acq: 15 Oct 2021 04:00

Tgt Ion:146 Resp: 2953
Ion Ratio Lower Upper
146 100
111 61.8 30.9 57.5#
148 68.7 46.1 85.7





#68

1,2-Dibromo-3-chloropropane

Concen: 9.223 ug/L

RT: 14.792 min Scan# 2114

Delta R.T. 0.311 min

Lab File: VW020522.D

Acq: 15 Oct 2021 04:00

Instrument :

MSVOA_W

ClientSampleId :

JDGD5

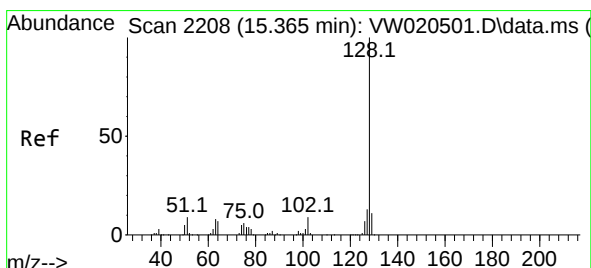
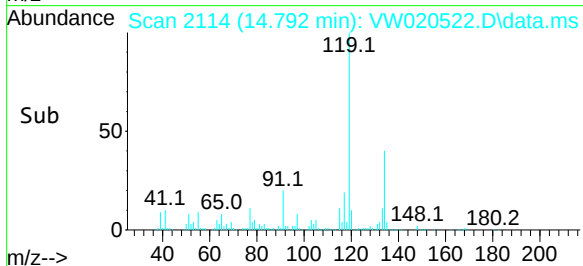
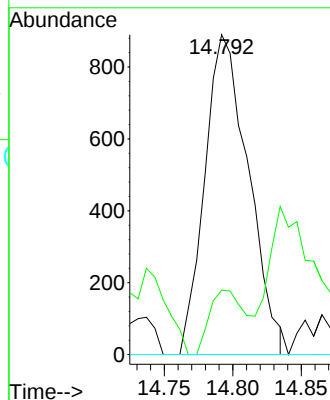
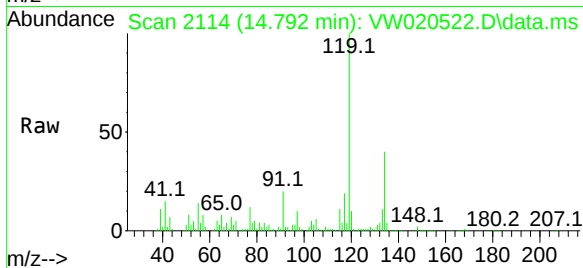
Tgt Ion: 75 Resp: 1973

Ion Ratio Lower Upper

75 100

155 20.1 51.4 77.0#

157 0.0 70.8 106.2#



#71

Naphthalene

Concen: 2.469 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. -0.006 min

Lab File: VW020522.D

Acq: 15 Oct 2021 04:00

Tgt Ion:128 Resp: 7278

Ion Ratio Lower Upper

128 100

127 12.8 10.5 15.7

129 8.8 8.7 13.1

