

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121721\
 Data File : VW021428.D
 Acq On : 17 Dec 2021 14:04
 Operator : SY/VA
 Sample : M5121-02
 Misc : 6.69g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 17 21:16:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 17 00:58:26 2021
 Response via : Initial Calibration

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

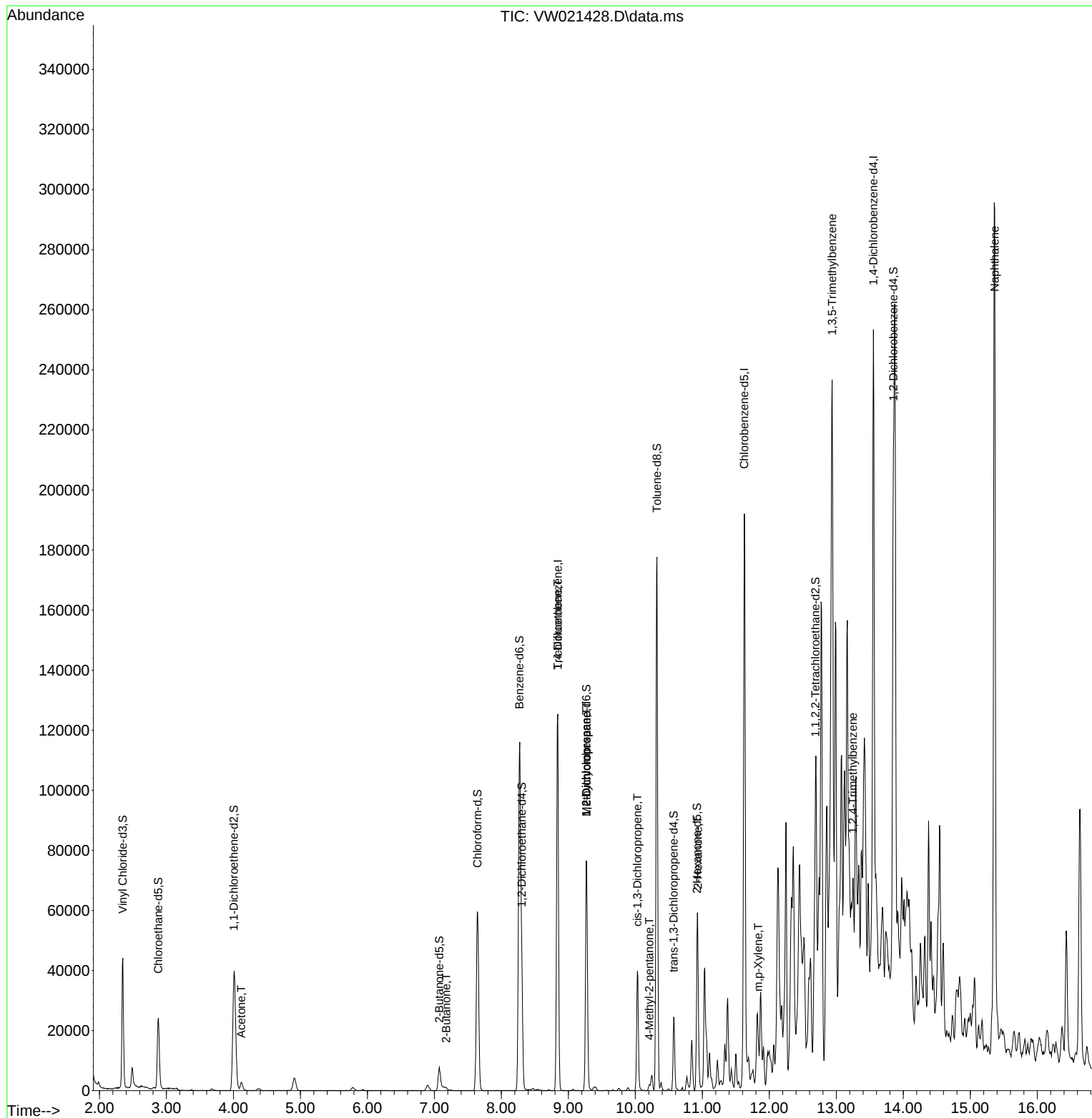
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	108088	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	106137	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	62171	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	42436	21.557	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.240%
7) Chloroethane-d5	2.879	69	28548	21.937	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.760%
11) 1,1-Dichloroethene-d2	4.007	63	37711	14.369	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.480%
21) 2-Butanone-d5	7.074	46	12493	45.021	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.040%
24) Chloroform-d	7.640	84	60665	20.140	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.560%
26) 1,2-Dichloroethane-d4	8.305	65	32952	20.566	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.280%
32) Benzene-d6	8.268	84	118799	20.420	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.680%
36) 1,2-Dichloropropane-d6	9.268	67	32340	20.727	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.920%
41) Toluene-d8	10.323	98	116175	19.544	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.160%
43) trans-1,3-Dichloroprop...	10.573	79	12752	17.750	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.000%
47) 2-Hexanone-d5	10.920	63	10711	46.425	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.840%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	27604	20.581	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.320%
66) 1,2-Dichlorobenzene-d4	13.853	152	42238	17.530	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	70.120%#
Target Compounds						Qvalue
13) Acetone	4.117	43	4855	19.517	ug/L	93
22) 2-Butanone	7.177	43	1469	4.522	ug/L	99
34) Trichloroethene	8.841	95	3241	1.997	ug/L	# 5
35) Methylcyclohexane	9.268	83	8601	3.213	ug/L	# 14
37) 1,2-Dichloropropane	9.268	63	4043	3.135	ug/L	# 88
39) cis-1,3-Dichloropropene	10.030	75	1183	0.582	ug/L	# 64
40) 4-Methyl-2-pentanone	10.207	43	1569	2.233	ug/L	99
48) 2-Hexanone	10.933	43	12568	24.663	ug/L	# 29
53) m,p-Xylene	11.835	106	3248	1.042	ug/L	87
62) 1,3,5-Trimethylbenzene	12.938	105	9492	1.320	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	19001	2.679	ug/L	97
71) Naphthalene	15.365	128	254153	65.305	ug/L	99

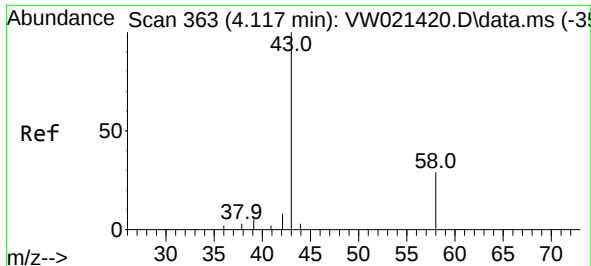
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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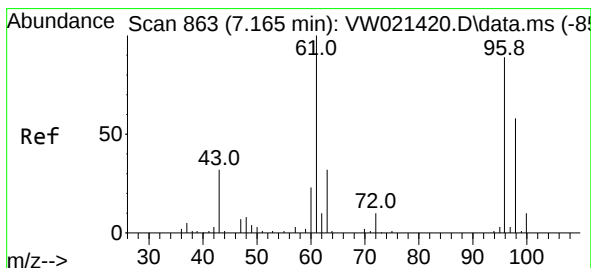
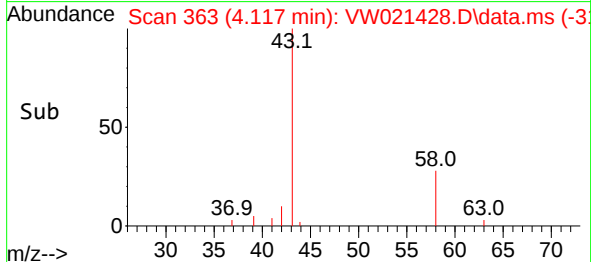
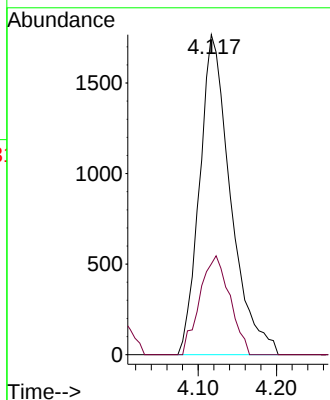
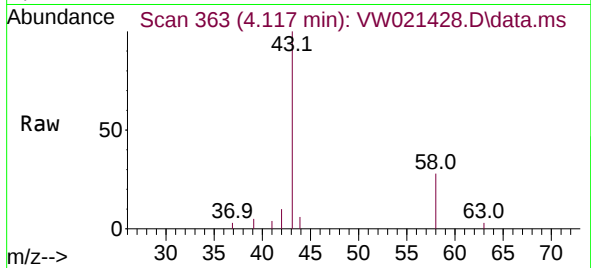




#13
Acetone
Concen: 19.517 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.012 min
Lab File: VW021428.D
Acq: 17 Dec 2021 14:04

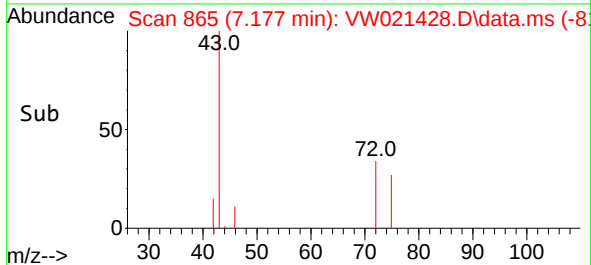
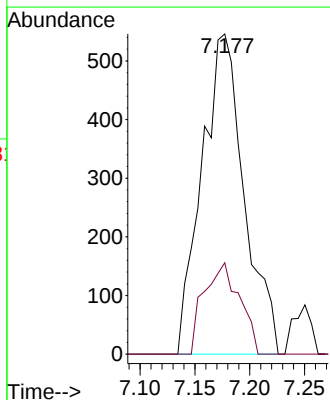
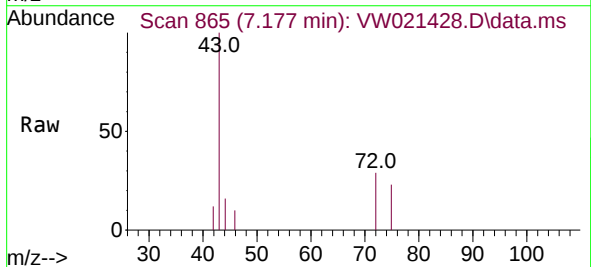
Instrument :
MSVOA_W
ClientSampleId :

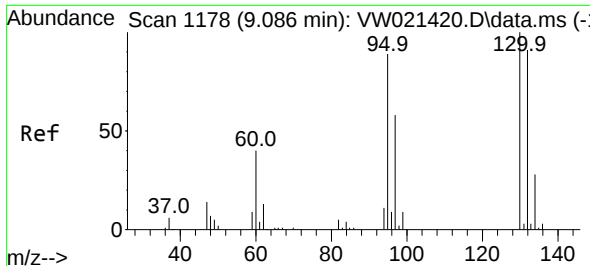
Tgt Ion	Ratio	Lower	Upper
43	100		
58	30.0	0.0	52.8



#22
2-Butanone
Concen: 4.522 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.012 min
Lab File: VW021428.D
Acq: 17 Dec 2021 14:04

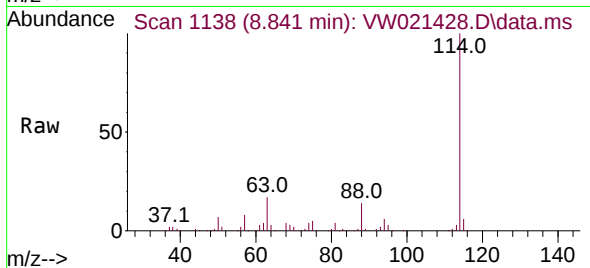
Tgt Ion	Ratio	Lower	Upper
43	100		
72	24.0	11.8	35.4



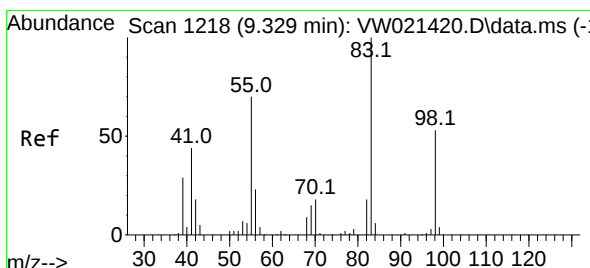
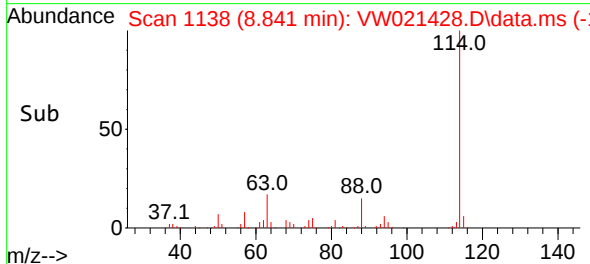
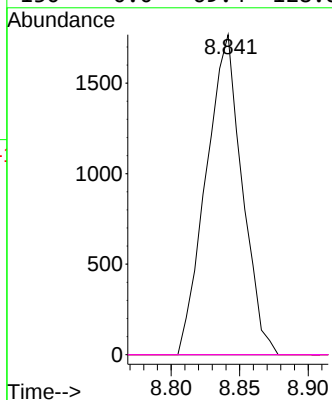


#34
 Trichloroethene
 Concen: 1.997 ug/L
 RT: 8.841 min Scan# 1178
 Delta R.T. -0.250 min
 Lab File: VW021428.D
 Acq: 17 Dec 2021 14:04

Instrument :
 MSVOA_W
 ClientSampleId :

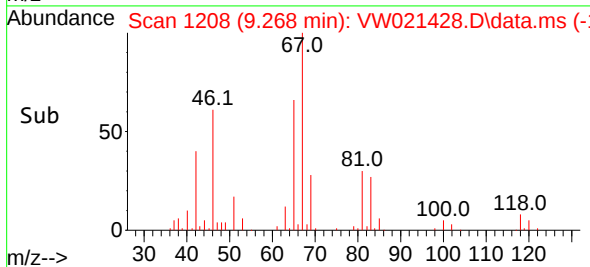
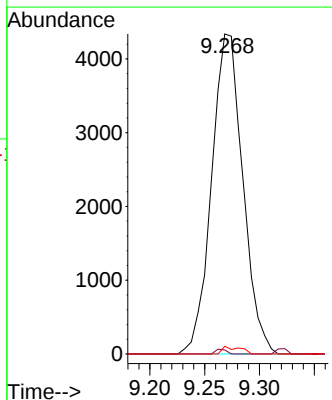
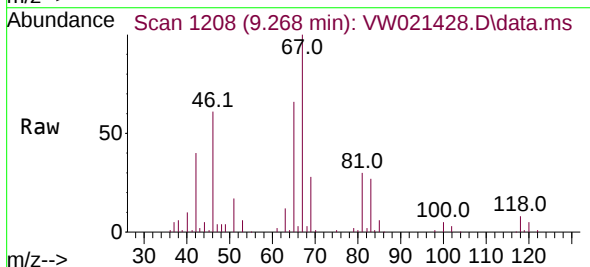


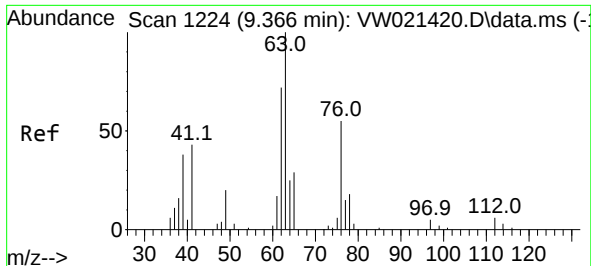
Tgt Ion: 95 Resp: 3241
 Ion Ratio Lower Upper
 95 100
 97 0.0 47.0 87.2#
 132 0.0 65.5 121.6#
 130 0.0 69.4 128.8#



#35
 Methylcyclohexane
 Concen: 3.213 ug/L
 RT: 9.268 min Scan# 1208
 Delta R.T. -0.067 min
 Lab File: VW021428.D
 Acq: 17 Dec 2021 14:04

Tgt Ion: 83 Resp: 8601
 Ion Ratio Lower Upper
 83 100
 55 0.5 70.8 106.2#
 98 0.7 37.7 56.5#





#37

1,2-Dichloropropane

Concen: 3.135 ug/L

RT: 9.268 min Scan# 11

Delta R.T. -0.098 min

Lab File: VW021428.D

Acq: 17 Dec 2021 14:04

Instrument :

MSVOA_W

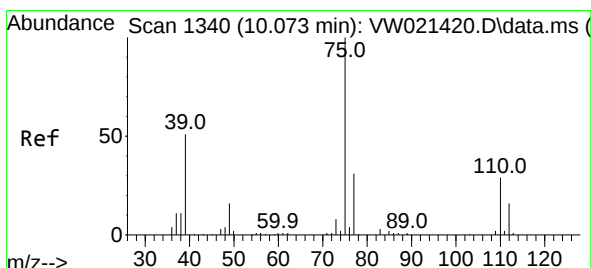
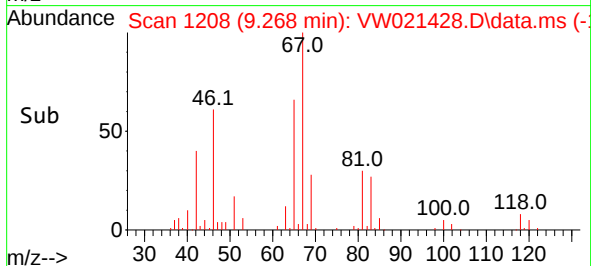
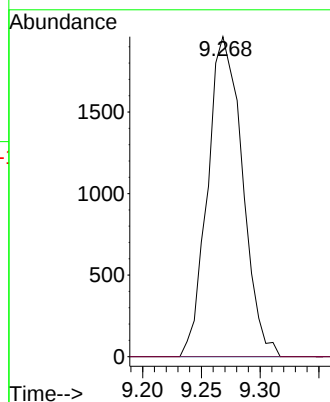
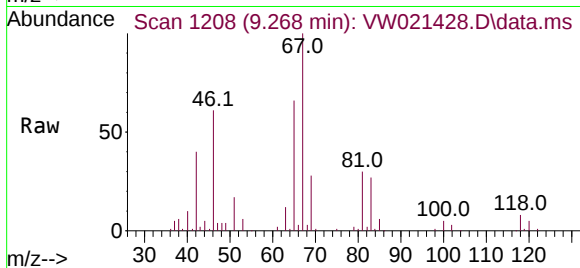
ClientSampleId :

Tgt Ion: 63 Resp: 4043

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.582 ug/L

RT: 10.030 min Scan# 1333

Delta R.T. -0.037 min

Lab File: VW021428.D

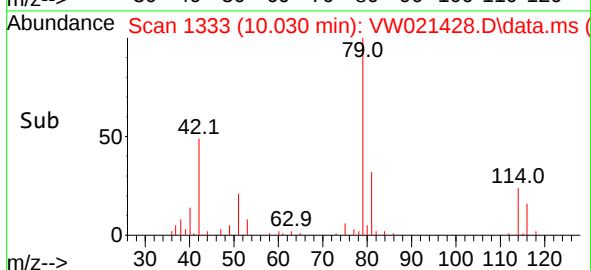
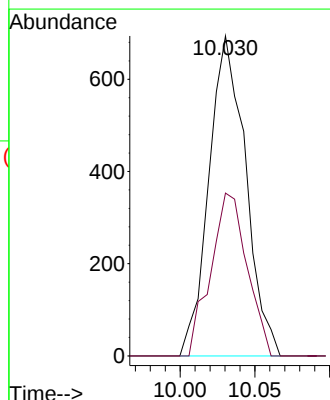
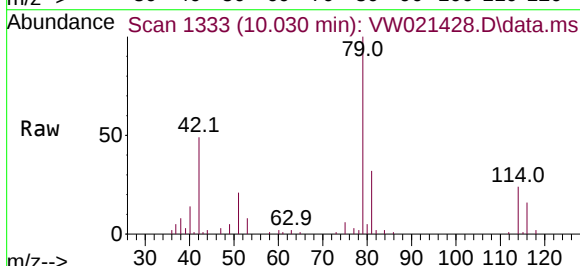
Acq: 17 Dec 2021 14:04

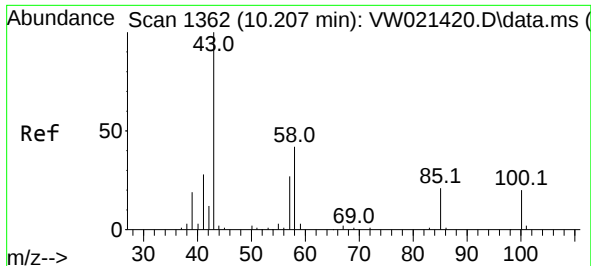
Tgt Ion: 75 Resp: 1183

Ion Ratio Lower Upper

75 100

77 50.9 21.8 40.6#





#40

4-Methyl-2-pentanone

Concen: 2.233 ug/L

RT: 10.207 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW021428.D

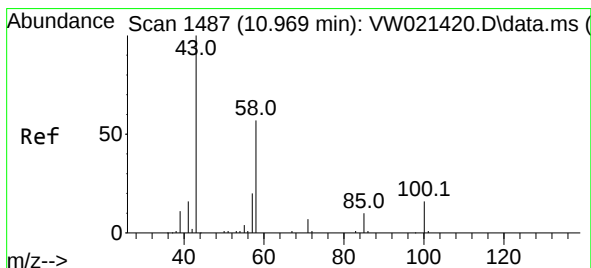
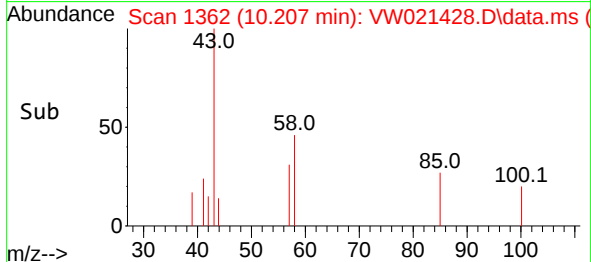
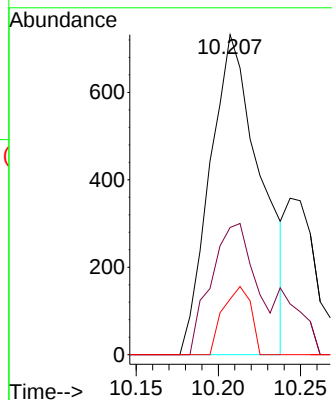
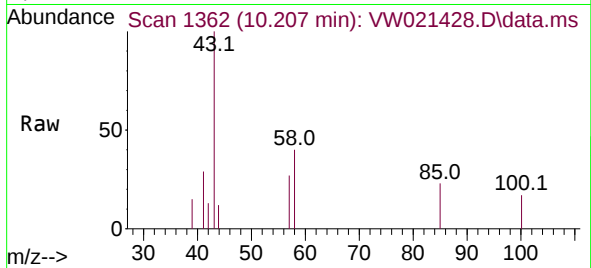
Acq: 17 Dec 2021 14:04

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 43	Resp:	1569
Ion	Ratio	Lower Upper
43	100	
58	36.2	28.8 43.2
100	11.7	10.0 15.0



#48

2-Hexanone

Concen: 24.663 ug/L

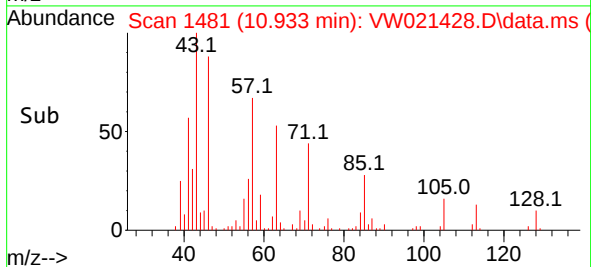
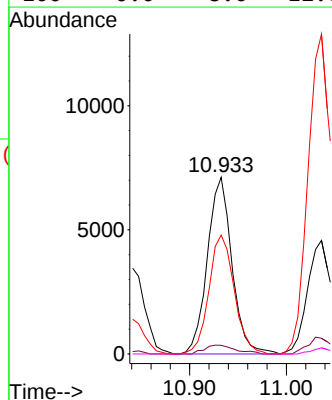
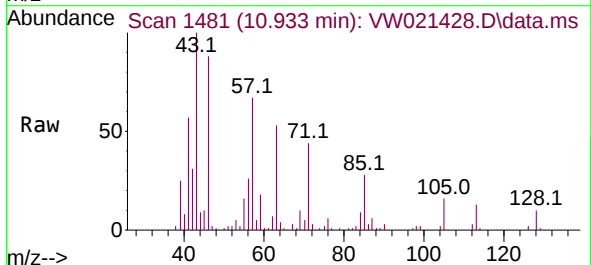
RT: 10.933 min Scan# 1481

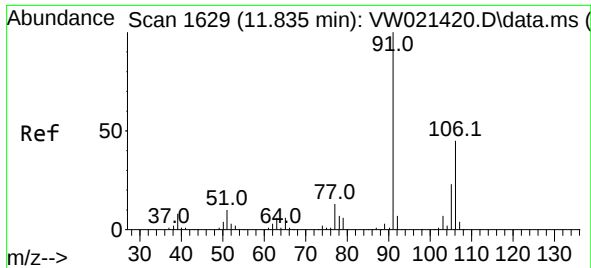
Delta R.T. -0.037 min

Lab File: VW021428.D

Acq: 17 Dec 2021 14:04

Tgt Ion: 43	Resp:	12568
Ion	Ratio	Lower Upper
43	100	
58	5.8	40.2 60.2#
57	69.1	14.3 21.5#
100	0.0	8.0 12.0#

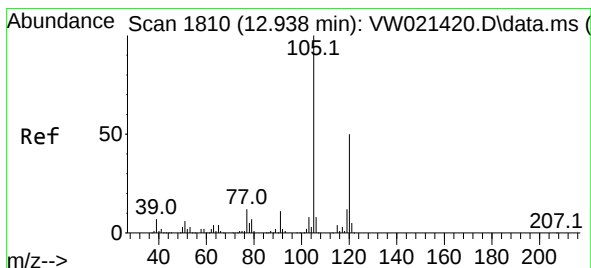
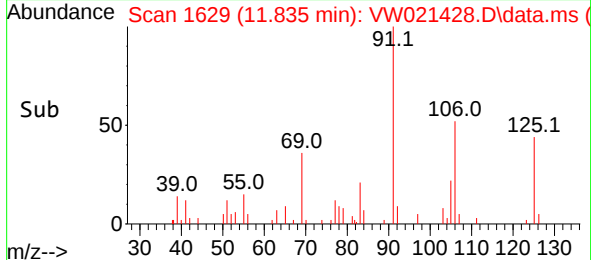
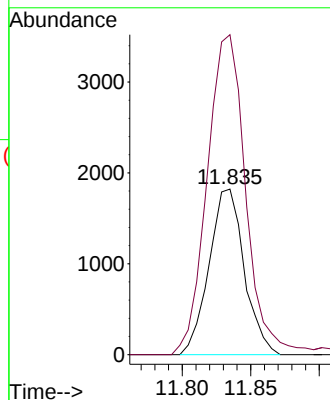
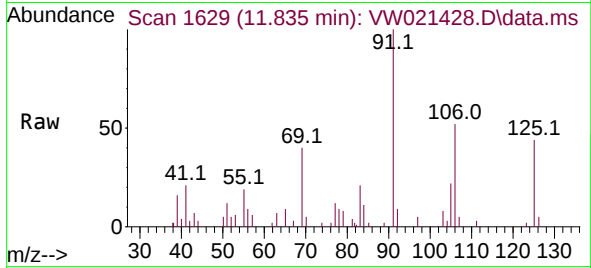




#53
m,p-Xylene
Concen: 1.042 ug/L
RT: 11.835 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW021428.D
Acq: 17 Dec 2021 14:04

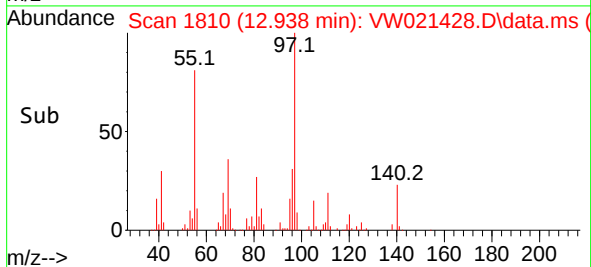
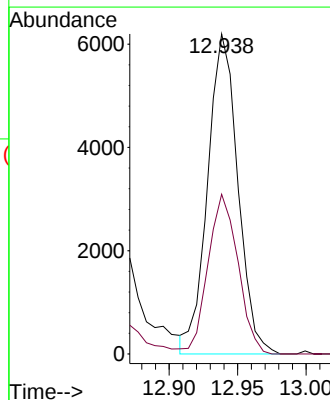
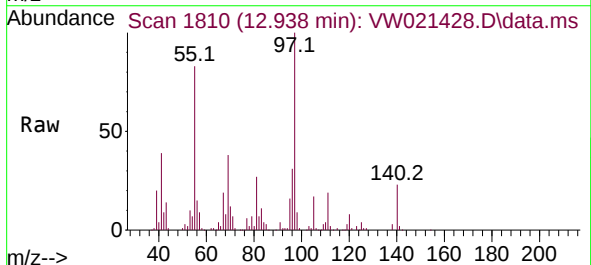
Instrument :
MSVOA_W
ClientSampleId :

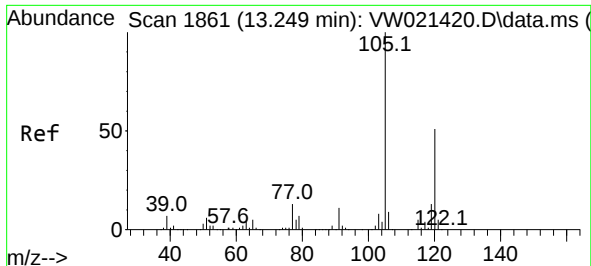
Tgt Ion:106 Resp: 3248
Ion Ratio Lower Upper
106 100
91 193.2 149.9 278.3



#62
1,3,5-Trimethylbenzene
Concen: 1.320 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW021428.D
Acq: 17 Dec 2021 14:04

Tgt Ion:105 Resp: 9492
Ion Ratio Lower Upper
105 100
120 49.5 37.4 56.2





#63

1,2,4-Trimethylbenzene

Concen: 2.679 ug/L

RT: 13.249 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW021428.D

Acq: 17 Dec 2021 14:04

Instrument :

MSVOA_W

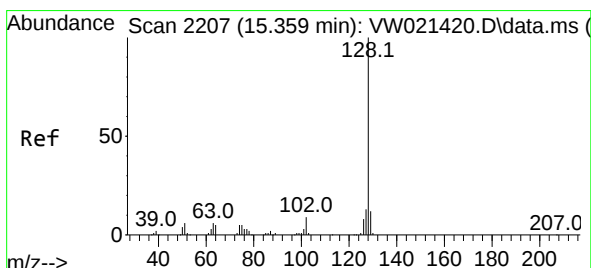
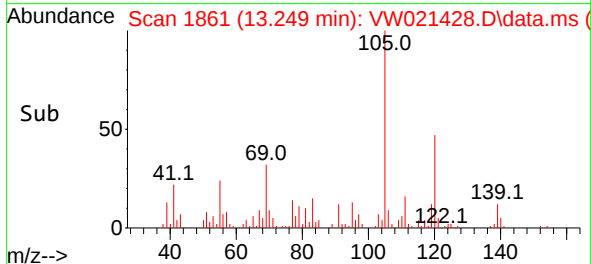
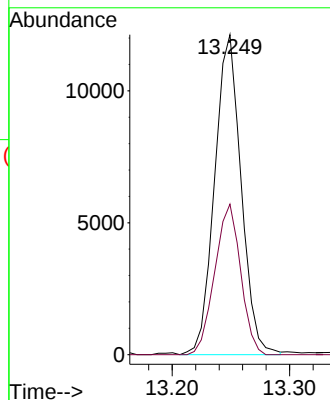
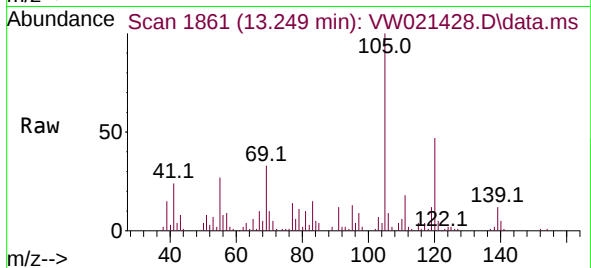
ClientSampleId :

Tgt Ion:105 Resp: 19001

Ion Ratio Lower Upper

105 100

120 45.9 35.0 52.6



#71

Naphthalene

Concen: 65.305 ug/L

RT: 15.365 min Scan# 2208

Delta R.T. 0.006 min

Lab File: VW021428.D

Acq: 17 Dec 2021 14:04

Tgt Ion:128 Resp: 254153

Ion Ratio Lower Upper

128 100

127 13.7 10.7 16.1

129 11.5 8.6 12.8

