

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121721\
 Data File : VW021436.D
 Acq On : 17 Dec 2021 17:19
 Operator : SY/VA
 Sample : M5121-11
 Misc : 6.33g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 17 21:18:01 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)

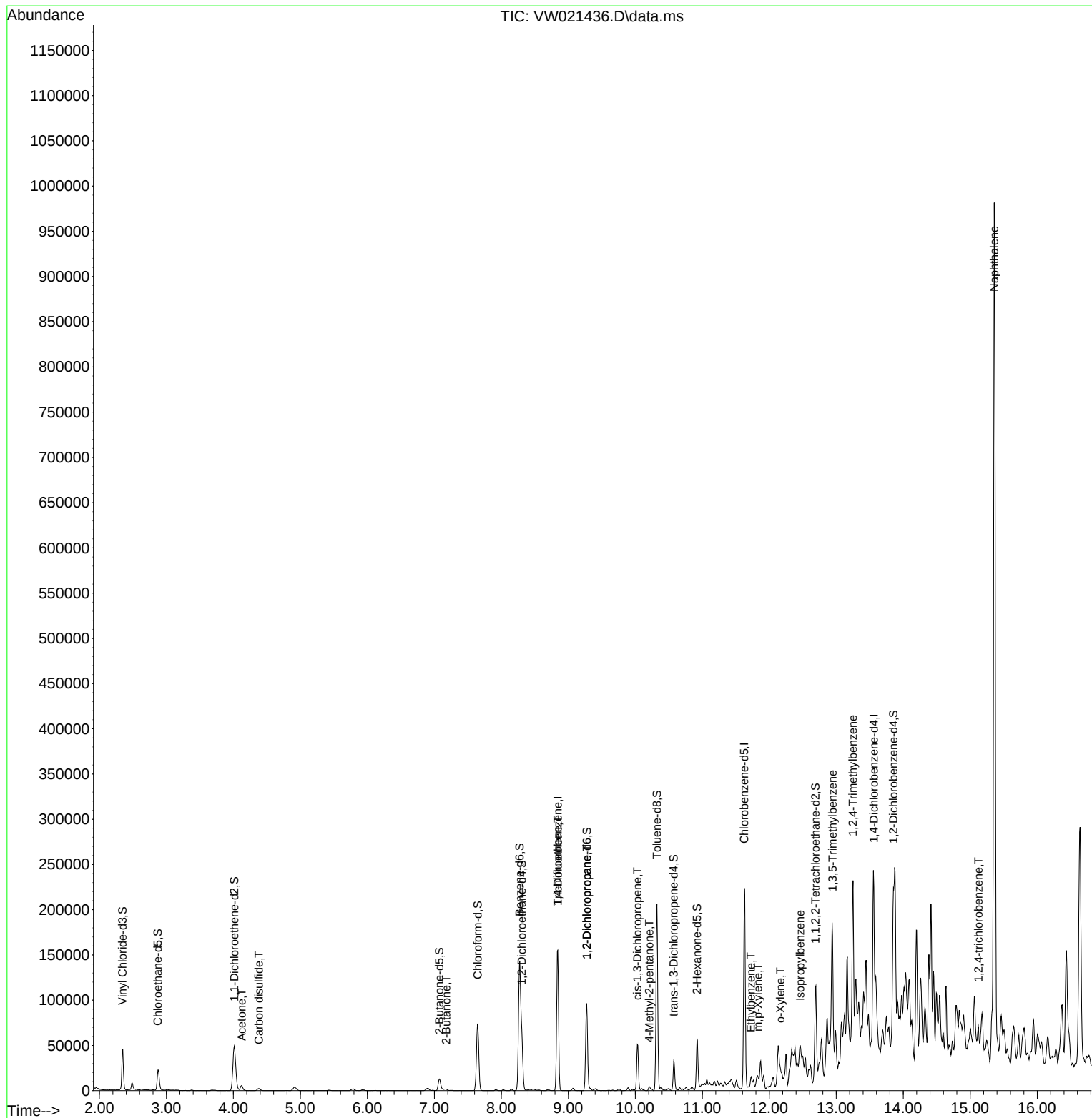
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	136179	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	127052	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	57420	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	44161	17.806	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.240%
7) Chloroethane-d5	2.873	69	27931	17.035	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.160%
11) 1,1-Dichloroethene-d2	4.013	63	47125	14.252	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.000%
21) 2-Butanone-d5	7.074	46	22052	63.077	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.160%
24) Chloroform-d	7.647	84	74699	19.683	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.720%
26) 1,2-Dichloroethane-d4	8.305	65	46004	22.789	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.160%
32) Benzene-d6	8.275	84	148183	21.278	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.120%
36) 1,2-Dichloropropane-d6	9.274	67	40959	21.930	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.720%
41) Toluene-d8	10.323	98	134765	18.939	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.760%
43) trans-1,3-Dichloroprop...	10.573	79	17324	20.145	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.560%
47) 2-Hexanone-d5	10.920	63	18853	68.263	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	136.520%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	37912	23.613	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.440%
66) 1,2-Dichlorobenzene-d4	13.853	152	44201	19.863	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	79.440%
Target Compounds						Qvalue
13) Acetone	4.123	43	9616	30.682	ug/L	92
14) Carbon disulfide	4.379	76	5384	1.235	ug/L	96
22) 2-Butanone	7.177	43	2572	6.284	ug/L	92
34) Trichloroethene	8.842	95	4124	2.123	ug/L #	5
37) 1,2-Dichloropropane	9.274	63	5333	3.454	ug/L #	93
39) cis-1,3-Dichloropropene	10.030	75	1523	0.626	ug/L #	61
40) 4-Methyl-2-pentanone	10.207	43	3056	3.633	ug/L #	98
52) Ethylbenzene	11.725	91	8982	0.971	ug/L	100
53) m,p-Xylene	11.829	106	2632	0.705	ug/L	82
54) o-Xylene	12.164	106	1852	0.523	ug/L	80
60) Isopropylbenzene	12.463	105	15733	2.016	ug/L	100
62) 1,3,5-Trimethylbenzene	12.944	105	45695	6.882	ug/L	91
63) 1,2,4-Trimethylbenzene	13.249	105	106400	16.246	ug/L	95
70) 1,2,4-trichlorobenzene	15.121	180	1818	0.822	ug/L #	1
71) Naphthalene	15.359	128	806095	224.266	ug/L	99

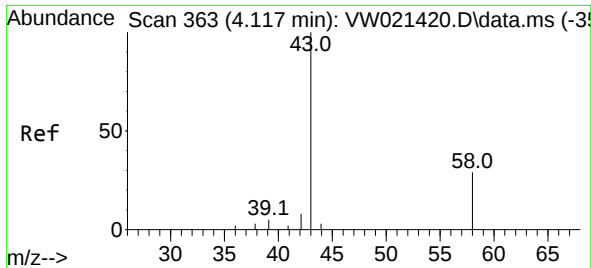
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri Dec 17 00:58:26 2021
Response via : Initial Calibration





#13

Acetone

Concen: 30.682 ug/L

RT: 4.123 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW021436.D

Acq: 17 Dec 2021 17:19

Instrument :

MSVOA_W

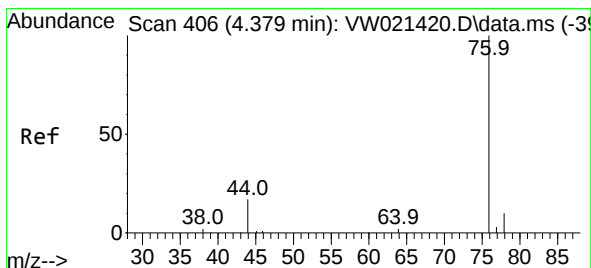
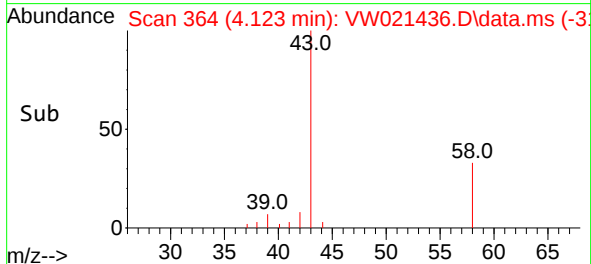
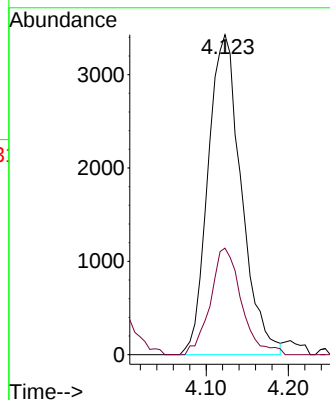
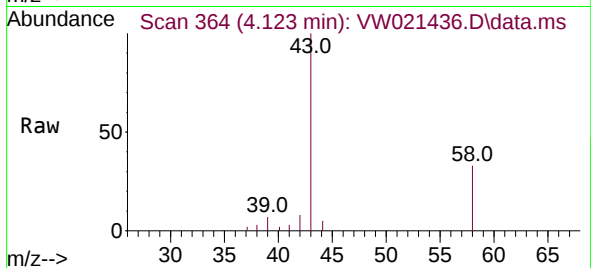
ClientSampleId :

Tgt Ion: 43 Resp: 9616

Ion Ratio Lower Upper

43 100

58 30.6 0.0 52.8



#14

Carbon disulfide

Concen: 1.235 ug/L

RT: 4.379 min Scan# 406

Delta R.T. -0.000 min

Lab File: VW021436.D

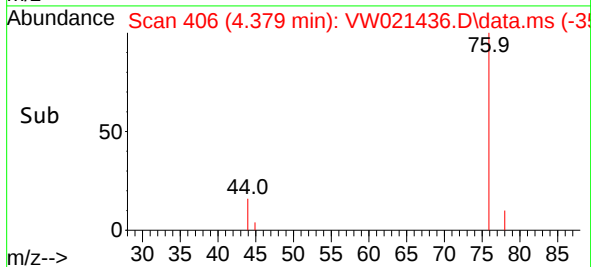
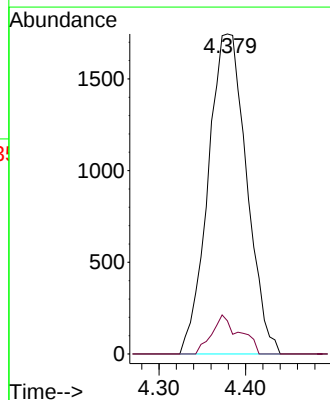
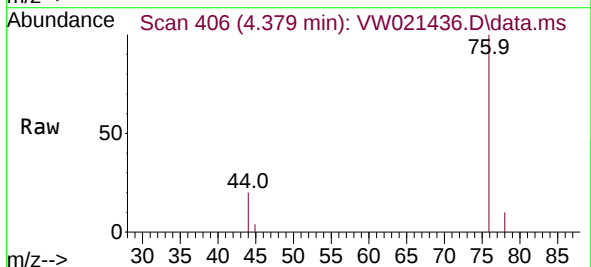
Acq: 17 Dec 2021 17:19

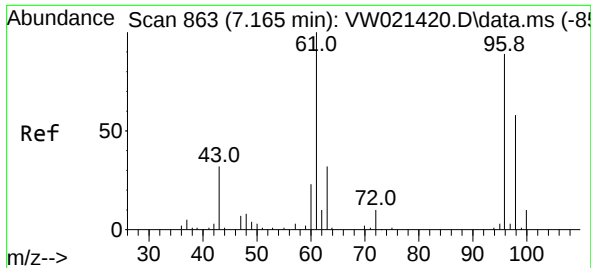
Tgt Ion: 76 Resp: 5384

Ion Ratio Lower Upper

76 100

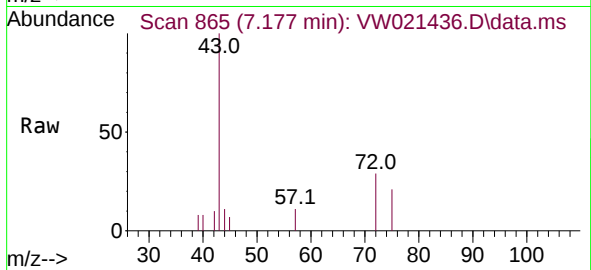
78 10.4 7.1 10.7



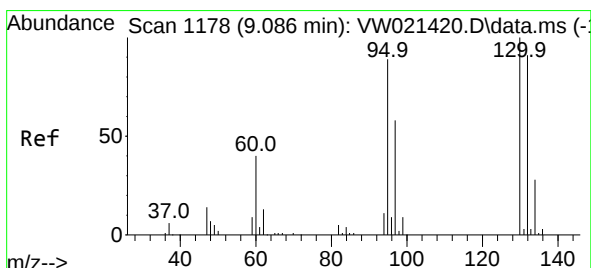
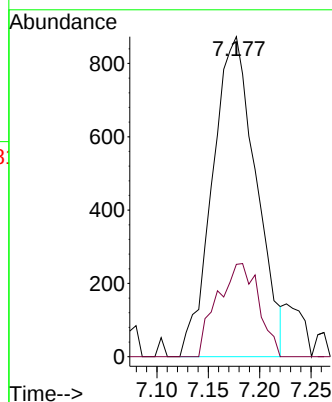
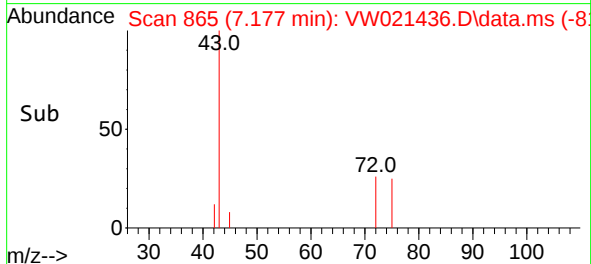


#22
2-Butanone
Concen: 6.284 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.012 min
Lab File: VW021436.D
Acq: 17 Dec 2021 17:19

Instrument :
MSVOA_W
ClientSampleId :

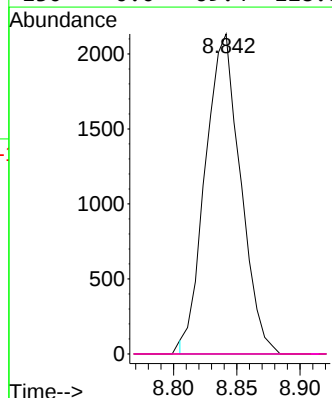
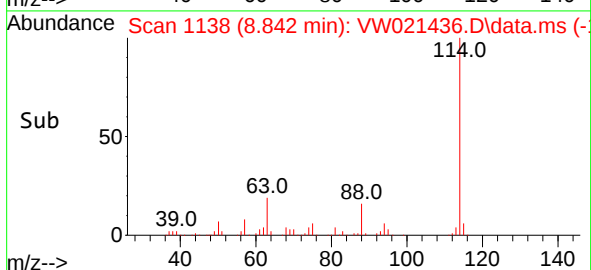
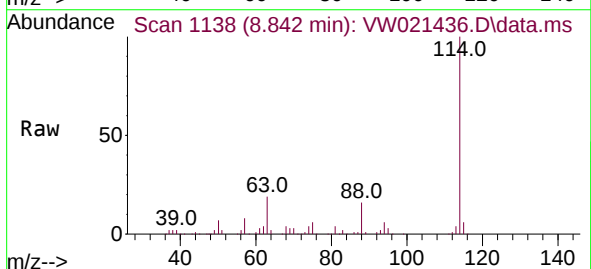


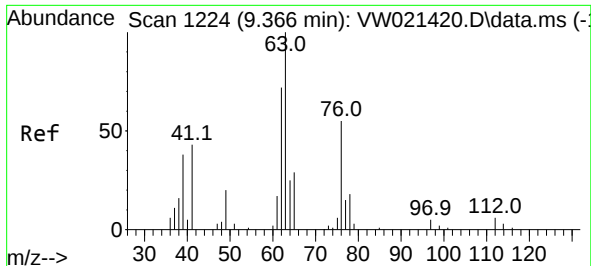
Tgt Ion: 43 Resp: 2572
Ion Ratio Lower Upper
43 100
72 27.5 11.8 35.4



#34
Trichloroethene
Concen: 2.123 ug/L
RT: 8.842 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW021436.D
Acq: 17 Dec 2021 17:19

Tgt Ion: 95 Resp: 4124
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#





#37

1,2-Dichloropropane

Concen: 3.454 ug/L

RT: 9.274 min Scan# 11

Delta R.T. -0.092 min

Lab File: VW021436.D

Acq: 17 Dec 2021 17:19

Instrument :

MSVOA_W

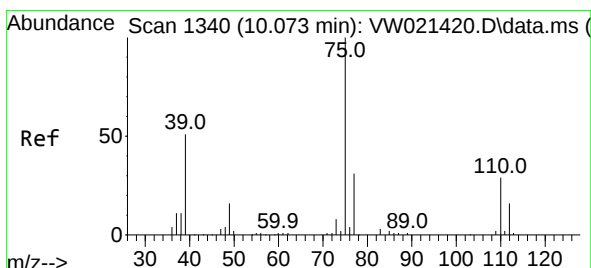
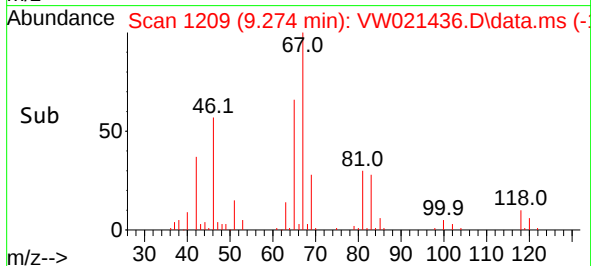
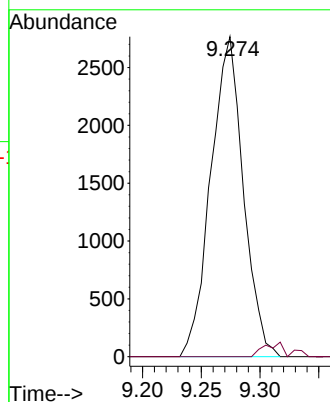
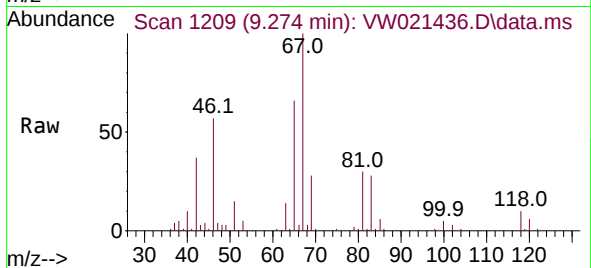
ClientSampleId :

Tgt Ion: 63 Resp: 5333

Ion Ratio Lower Upper

63 100

112 1.6 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.626 ug/L

RT: 10.030 min Scan# 1333

Delta R.T. -0.037 min

Lab File: VW021436.D

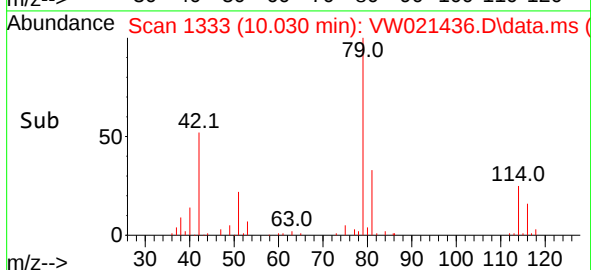
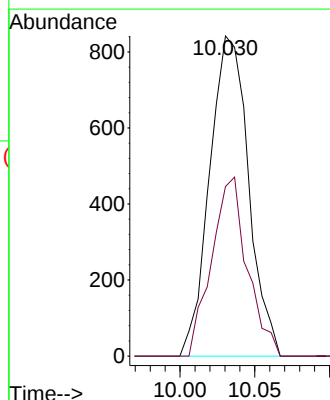
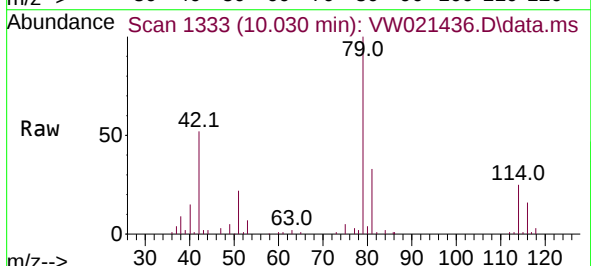
Acq: 17 Dec 2021 17:19

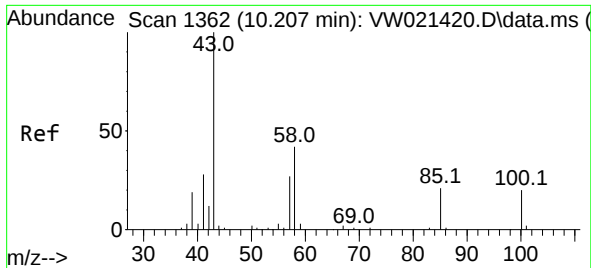
Tgt Ion: 75 Resp: 1523

Ion Ratio Lower Upper

75 100

77 53.0 21.8 40.6#

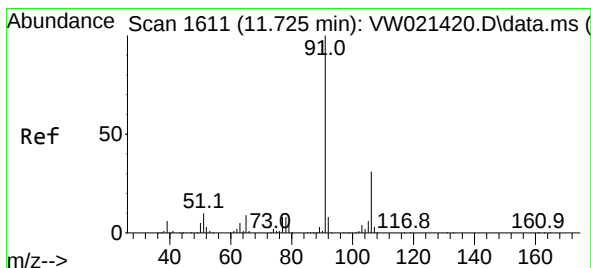
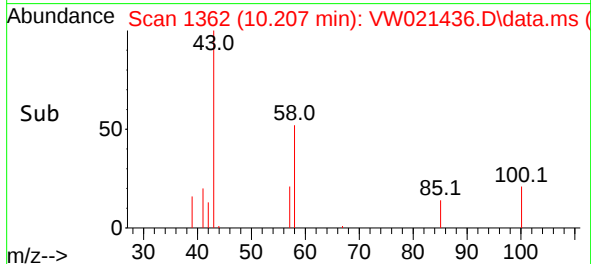
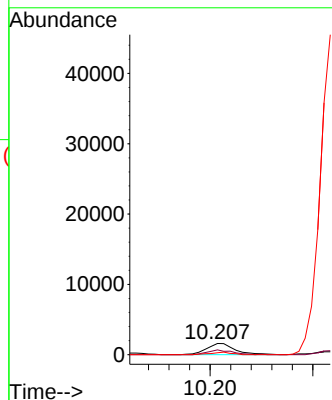
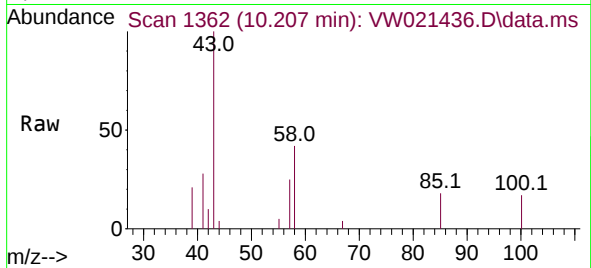




#40
4-Methyl-2-pentanone
Concen: 3.633 ug/L
RT: 10.207 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW021436.D
Acq: 17 Dec 2021 17:19

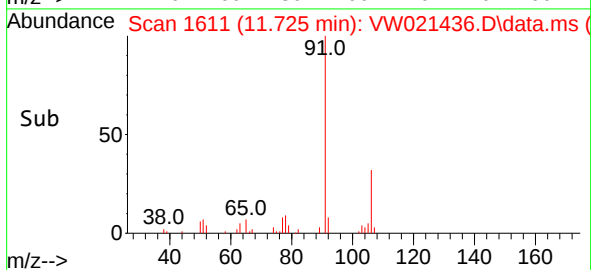
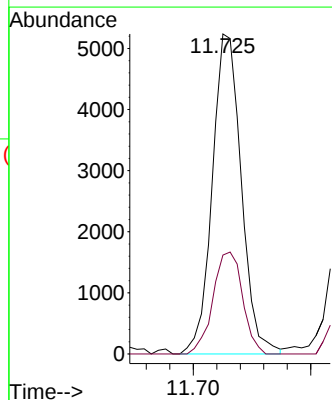
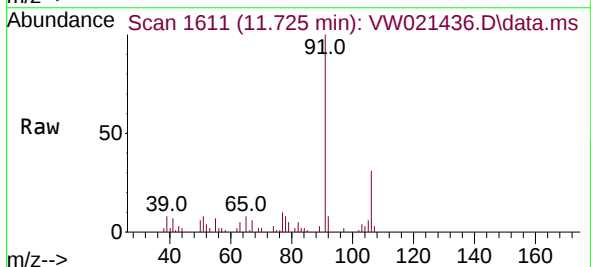
Instrument :
MSVOA_W
ClientSampleId :

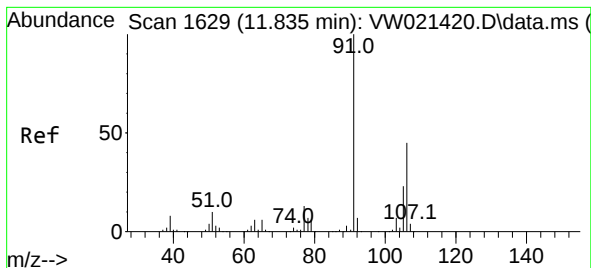
Tgt Ion: 43 Resp: 3056
Ion Ratio Lower Upper
43 100
58 36.0 28.8 43.2
100 16.0 10.0 15.0#



#52
Ethylbenzene
Concen: 0.971 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.000 min
Lab File: VW021436.D
Acq: 17 Dec 2021 17:19

Tgt Ion: 91 Resp: 8982
Ion Ratio Lower Upper
91 100
106 30.9 21.5 39.9





#53

m,p-Xylene

Concen: 0.705 ug/L

RT: 11.829 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW021436.D

Acq: 17 Dec 2021 17:19

Instrument :

MSVOA_W

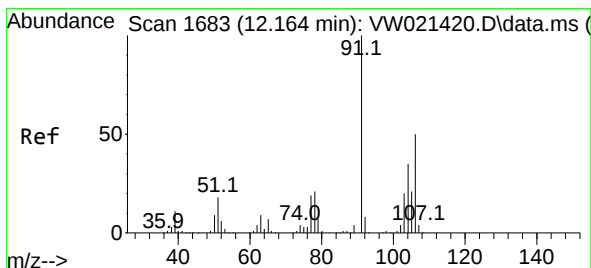
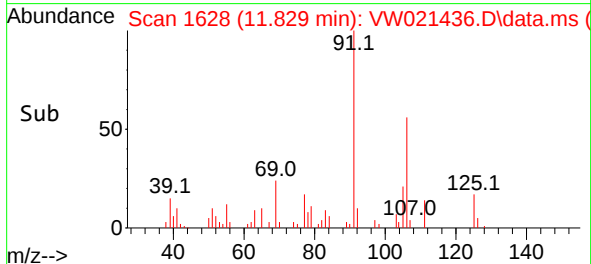
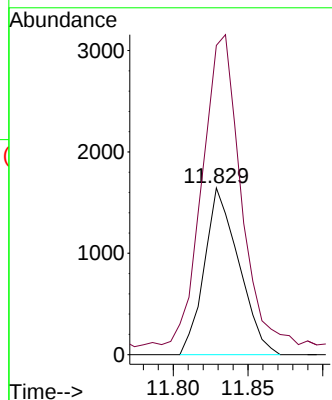
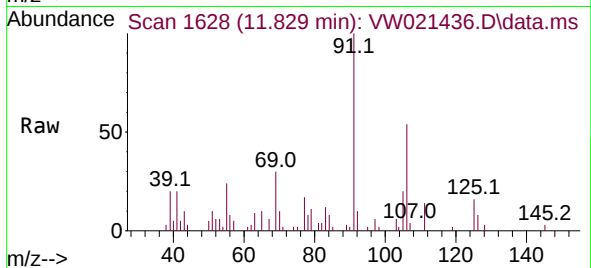
ClientSampleId :

Tgt Ion:106 Resp: 2632

Ion Ratio Lower Upper

106 100

91 185.5 149.9 278.3



#54

o-Xylene

Concen: 0.523 ug/L

RT: 12.164 min Scan# 1683

Delta R.T. -0.000 min

Lab File: VW021436.D

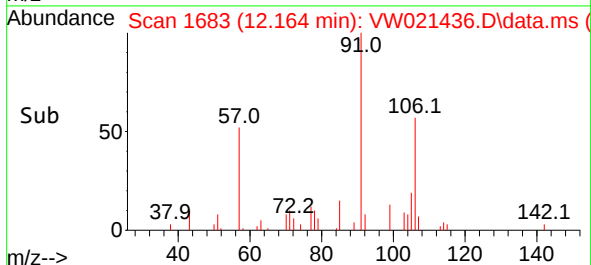
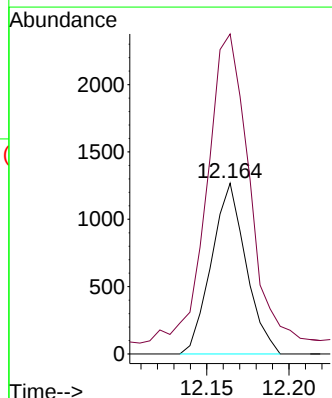
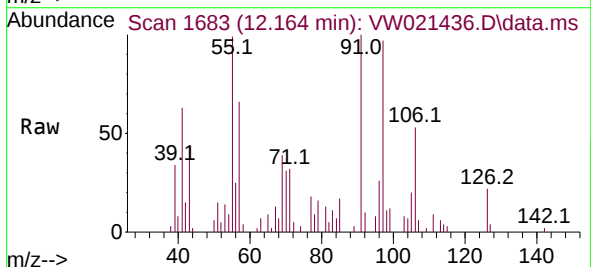
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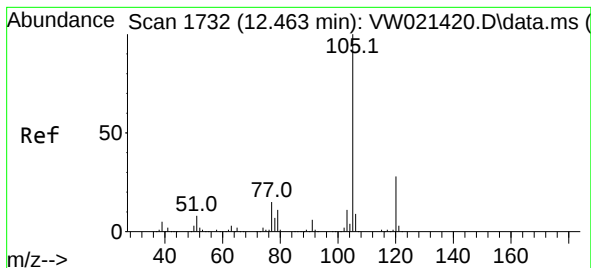
Tgt Ion:106 Resp: 1852

Ion Ratio Lower Upper

106 100

91 187.4 153.6 285.3





#60

Isopropylbenzene

Concen: 2.016 ug/L

RT: 12.463 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW021436.D

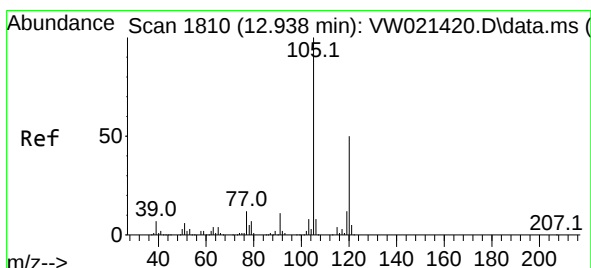
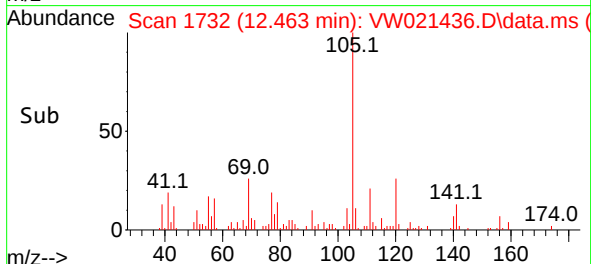
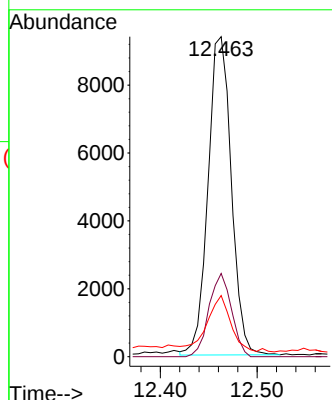
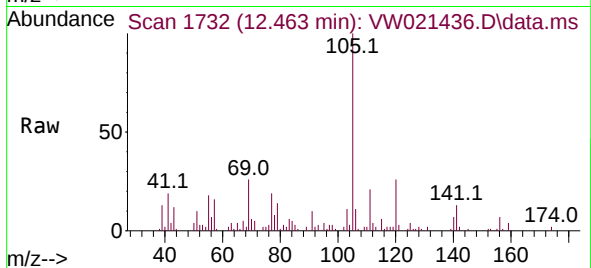
Acq: 17 Dec 2021 17:19

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	105	Resp:	15733
Ion	Ratio	Lower	Upper
105	100		
120	25.2	20.1	30.1
77	17.5	13.8	20.8



#62

1,3,5-Trimethylbenzene

Concen: 6.882 ug/L

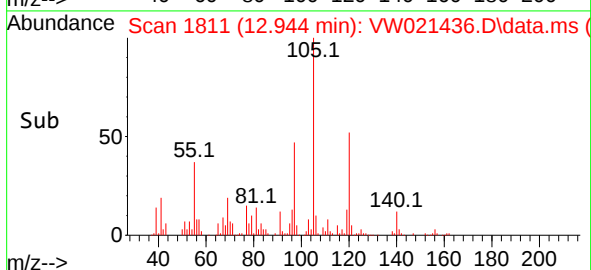
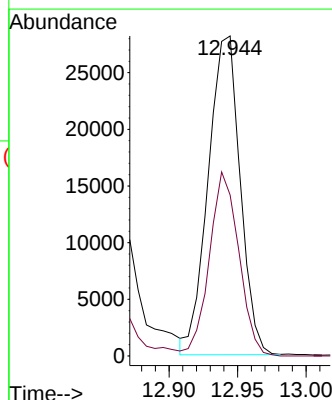
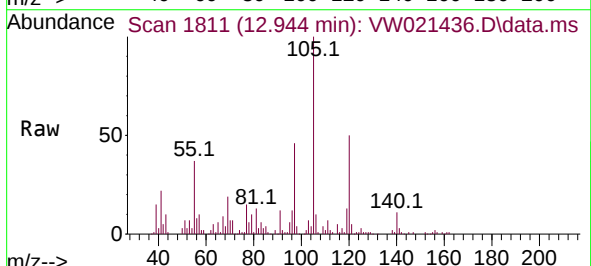
RT: 12.944 min Scan# 1811

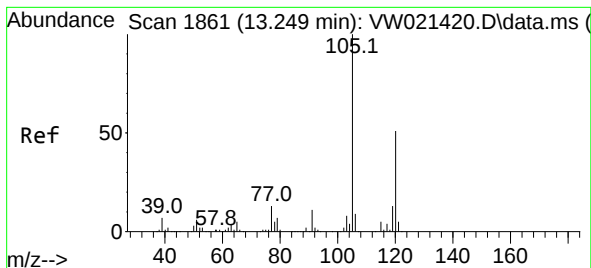
Delta R.T. 0.006 min

Lab File: VW021436.D

Acq: 17 Dec 2021 17:19

Tgt Ion:	105	Resp:	45695
Ion	Ratio	Lower	Upper
105	100		
120	53.1	37.4	56.2





#63

1,2,4-Trimethylbenzene

Concen: 16.246 ug/L

RT: 13.249 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW021436.D

Acq: 17 Dec 2021 17:19

Instrument :

MSVOA_W

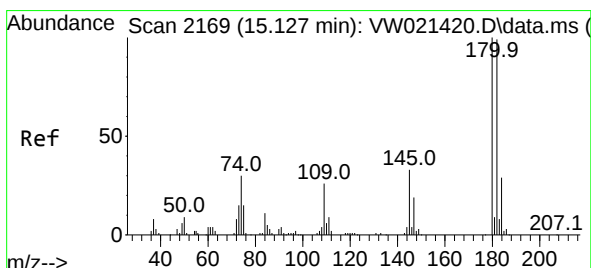
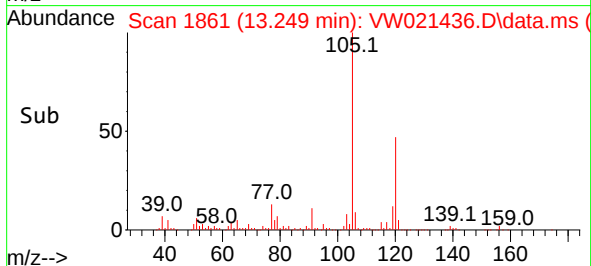
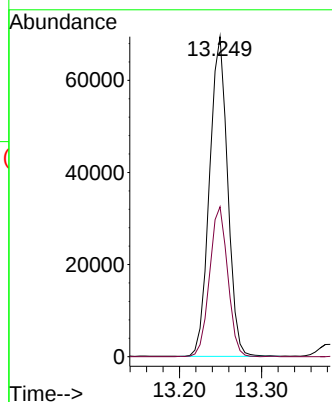
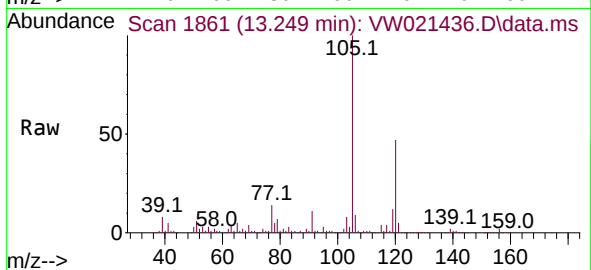
ClientSampleId :

Tgt Ion:105 Resp: 106400

Ion Ratio Lower Upper

105 100

120 46.7 35.0 52.6



#70

1,2,4-trichlorobenzene

Concen: 0.822 ug/L

RT: 15.121 min Scan# 2168

Delta R.T. -0.006 min

Lab File: VW021436.D

Acq: 17 Dec 2021 17:19

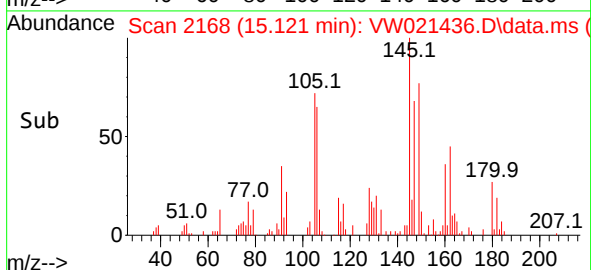
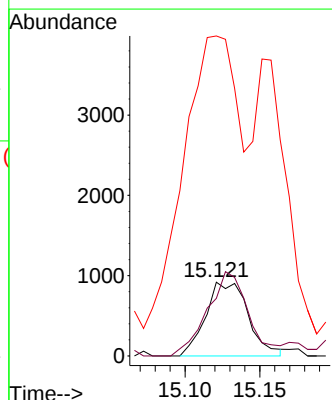
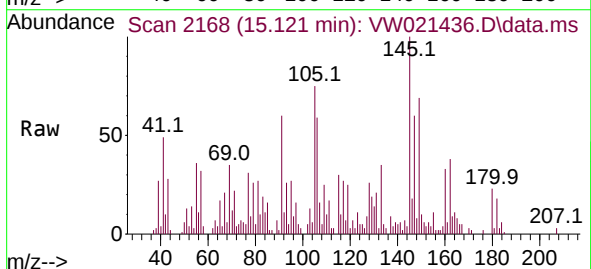
Tgt Ion:180 Resp: 1818

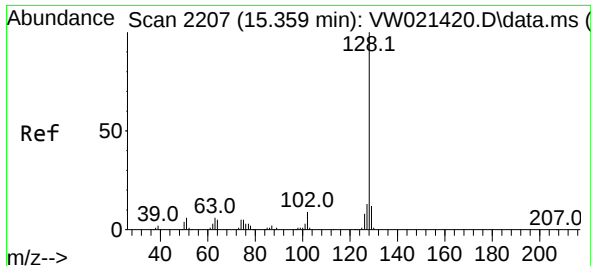
Ion Ratio Lower Upper

180 100

182 110.1 79.0 118.6

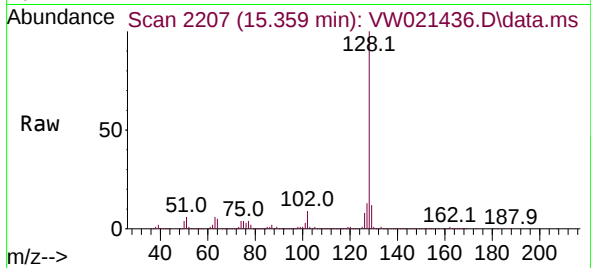
145 511.5 26.0 39.0#





#71
Naphthalene
Concen: 224.266 ug/L
RT: 15.359 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW021436.D
Acq: 17 Dec 2021 17:19

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:128 Resp: 806095
Ion Ratio Lower Upper
128 100
127 13.5 10.7 16.1
129 11.3 8.6 12.8

