

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
 Data File : VW021836.D
 Acq On : 11 Jan 2022 16:57
 Operator : SY/VA
 Sample : N1084-13
 Misc : 7.09g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 12 00:50:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jan 12 00:49:08 2022
 Response via : Initial Calibration

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

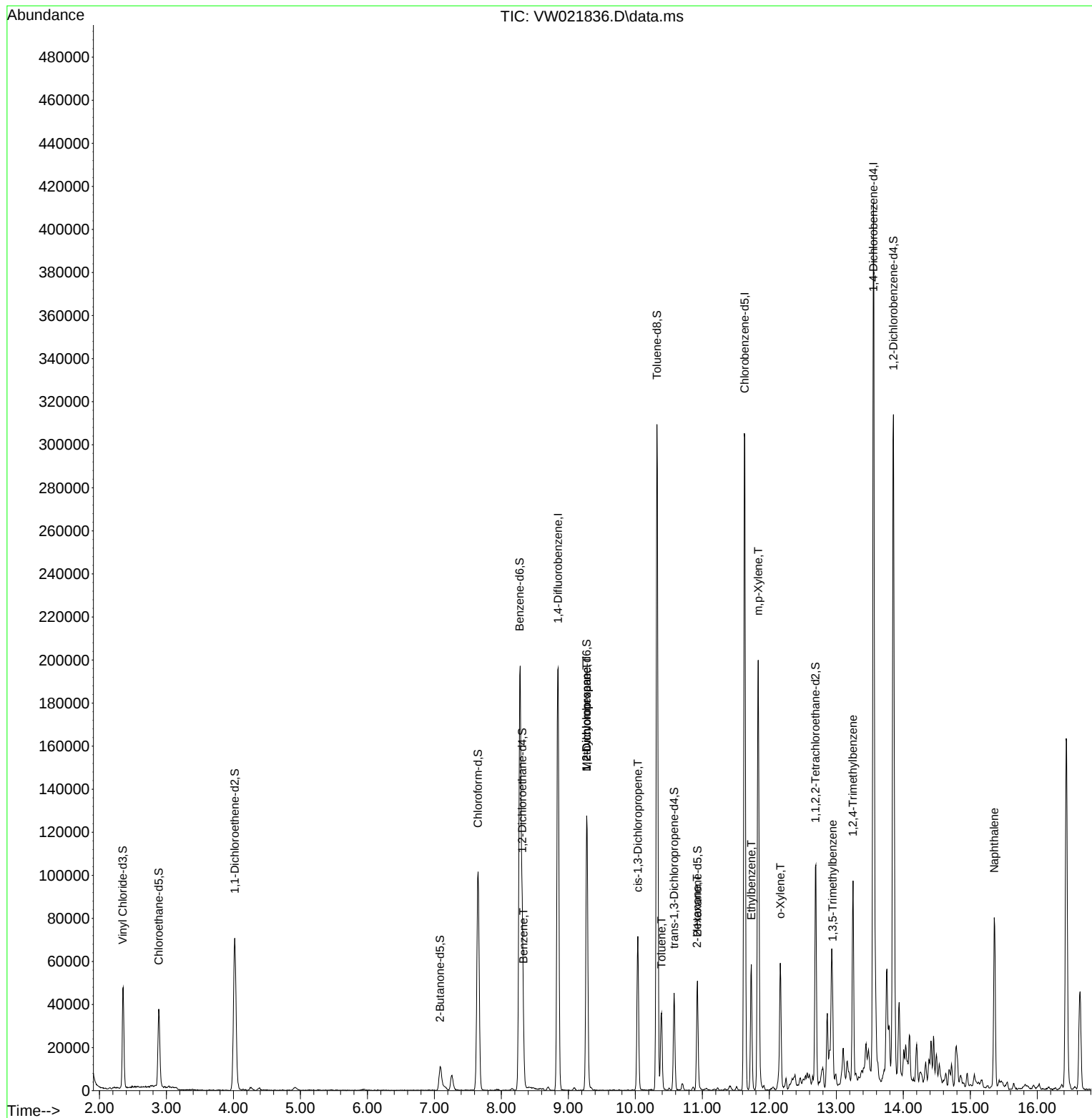
Internal Standards						
1) 1,4-Difluorobenzene	8.847	114	187242	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.633	117	189503	25.000	ug/L	# 0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	114214	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	46364	13.322	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	53.280%
7) Chloroethane-d5	2.885	69	37815	12.033	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	48.120%
11) 1,1-Dichloroethene-d2	4.019	63	64384	11.718	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	46.880%
21) 2-Butanone-d5	7.086	46	18211	37.073	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.140%
24) Chloroform-d	7.652	84	104487	17.273	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	69.080%
26) 1,2-Dichloroethane-d4	8.311	65	54398	18.622	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	74.480%
32) Benzene-d6	8.274	84	211291	17.183	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	68.720%
36) 1,2-Dichloropropane-d6	9.274	67	57968	17.886	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	71.560%
41) Toluene-d8	10.323	98	211760	17.083	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	68.320%
43) trans-1,3-Dichloroprop...	10.579	79	23835	17.321	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	69.280%
47) 2-Hexanone-d5	10.926	63	17539	39.882	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.760%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	47306	18.666	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	74.680%
66) 1,2-Dichlorobenzene-d4	13.853	152	89213	18.996	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	76.000%
Target Compounds						
					Qvalue	
33) Benzene	8.329	78	14591	1.256	ug/L	100
35) Methylcyclohexane	9.274	83	15615	2.817	ug/L	# 15
37) 1,2-Dichloropropane	9.274	63	6893	2.723	ug/L	# 88
39) cis-1,3-Dichloropropene	10.036	75	2222	0.565	ug/L	# 80
42) Toluene	10.390	91	27862	2.138	ug/L	99
48) 2-Hexanone	10.920	43	2283	2.806	ug/L	# 68
52) Ethylbenzene	11.731	91	40387	2.790	ug/L	94
53) m,p-Xylene	11.835	106	62490	10.322	ug/L	80
54) o-Xylene	12.164	106	16733	2.977	ug/L	92
62) 1,3,5-Trimethylbenzene	12.944	105	16698	1.296	ug/L	91
63) 1,2,4-Trimethylbenzene	13.249	105	50487	3.975	ug/L	90
71) Naphthalene	15.358	128	71508	10.010	ug/L	99

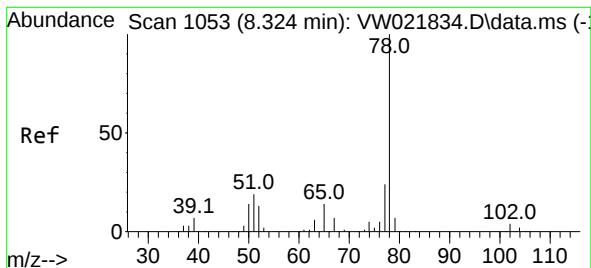
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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Response via : Initial Calibration





#33

Benzene

Concen: 1.256 ug/L

RT: 8.329 min Scan# 1054

Delta R.T. 0.006 min

Lab File: VW021836.D

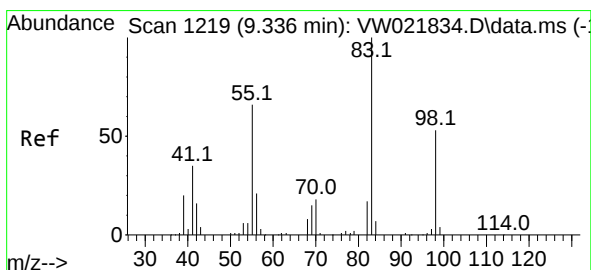
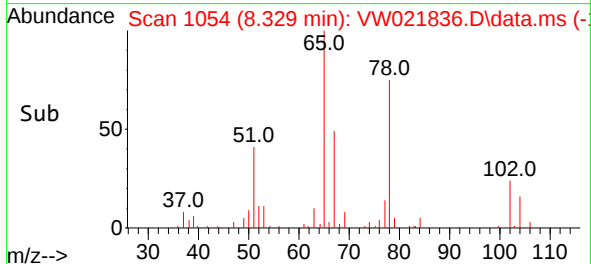
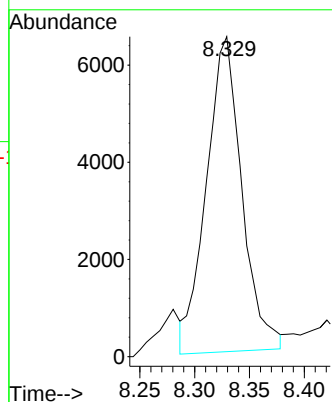
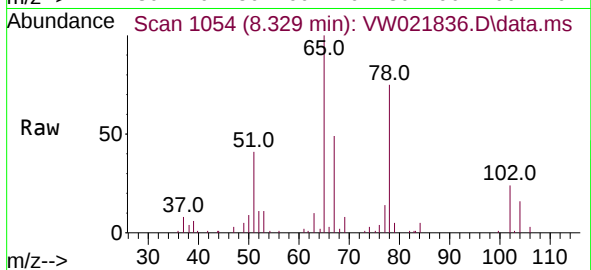
Acq: 11 Jan 2022 16:57

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 78 Resp: 14591



#35

Methylcyclohexane

Concen: 2.817 ug/L

RT: 9.274 min Scan# 1209

Delta R.T. -0.061 min

Lab File: VW021836.D

Acq: 11 Jan 2022 16:57

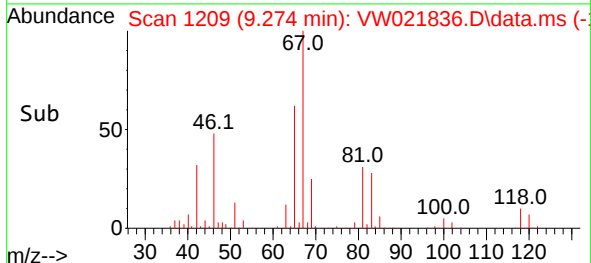
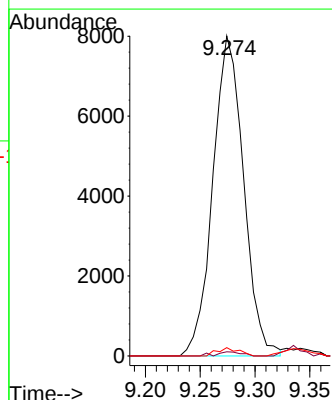
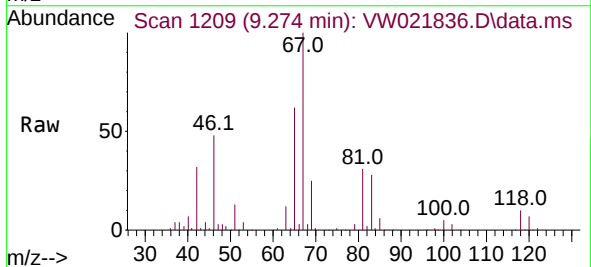
Tgt Ion: 83 Resp: 15615

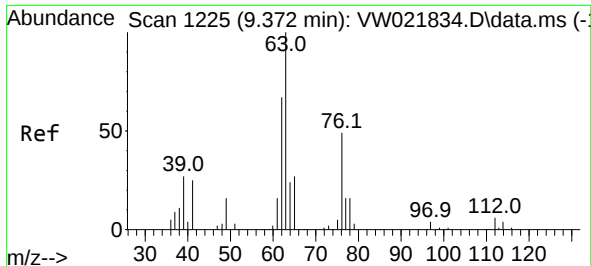
Ion Ratio Lower Upper

83 100

55 0.9 70.8 106.2#

98 1.8 37.7 56.5#





#37

1,2-Dichloropropane

Concen: 2.723 ug/L

RT: 9.274 min Scan# 11

Delta R.T. -0.098 min

Lab File: VW021836.D

Acq: 11 Jan 2022 16:57

Instrument :

MSVOA_W

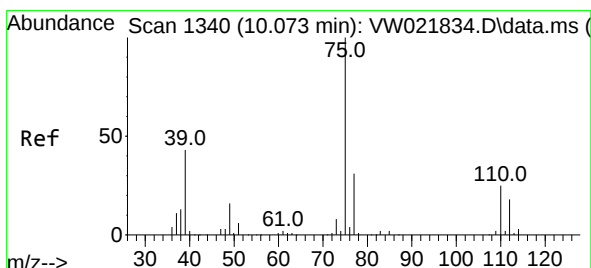
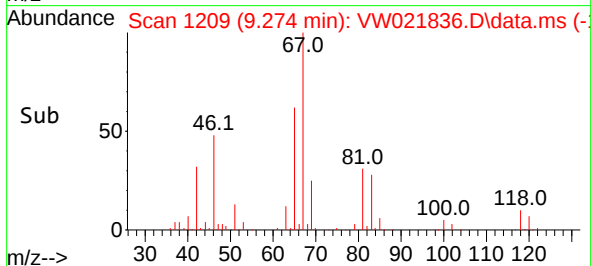
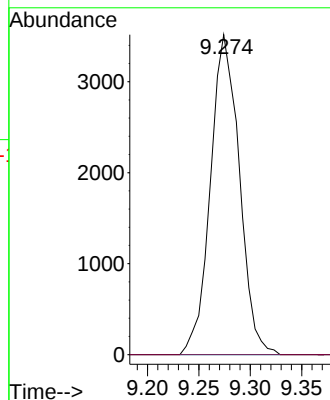
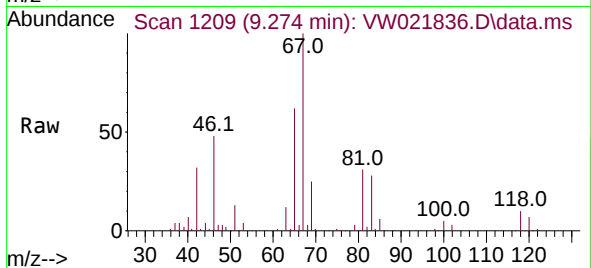
ClientSampleId :

Tgt Ion: 63 Resp: 6893

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.565 ug/L

RT: 10.036 min Scan# 1334

Delta R.T. -0.037 min

Lab File: VW021836.D

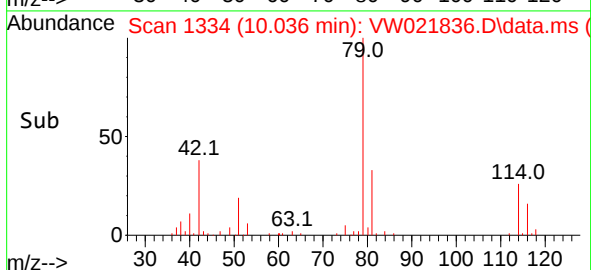
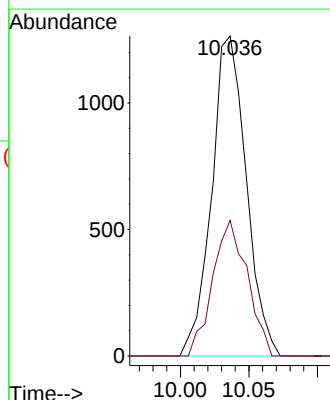
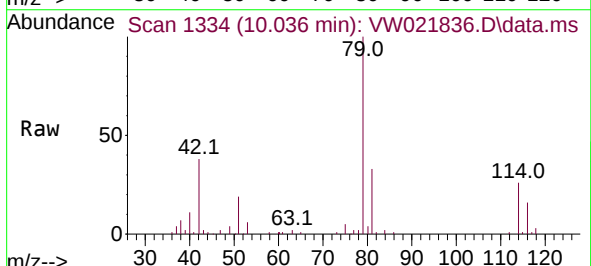
Acq: 11 Jan 2022 16:57

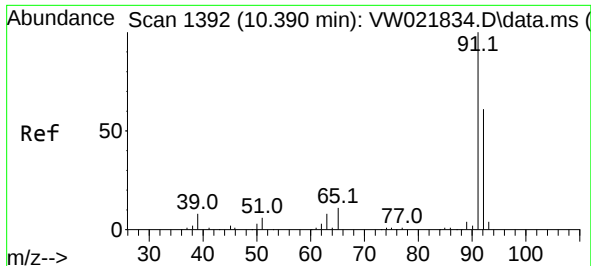
Tgt Ion: 75 Resp: 2222

Ion Ratio Lower Upper

75 100

77 42.4 21.8 40.6#

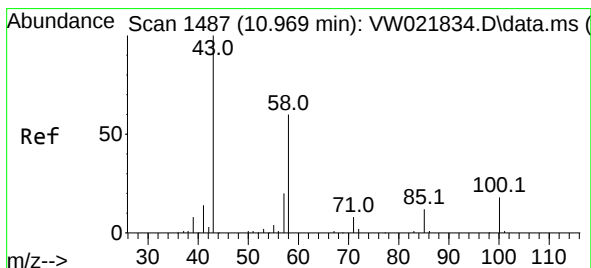
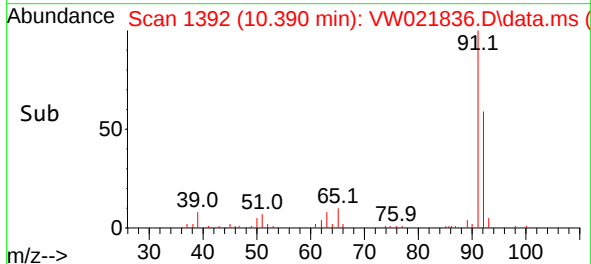
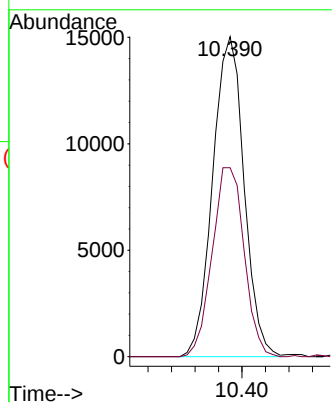
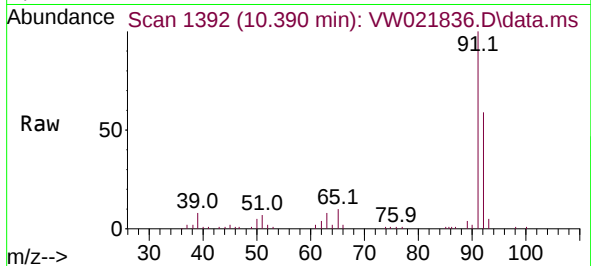




#42
Toluene
Concen: 2.138 ug/L
RT: 10.390 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW021836.D
Acq: 11 Jan 2022 16:57

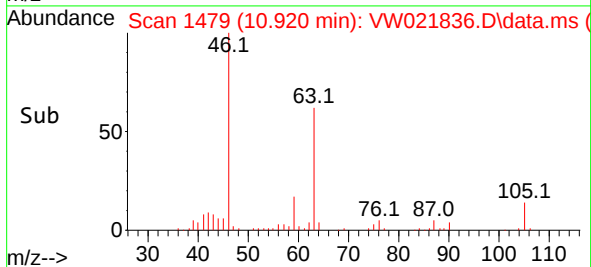
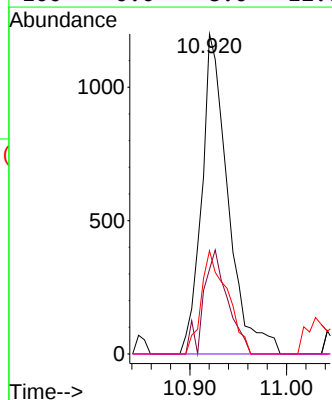
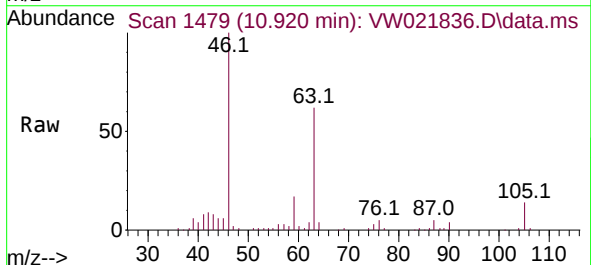
Instrument :
MSVOA_W
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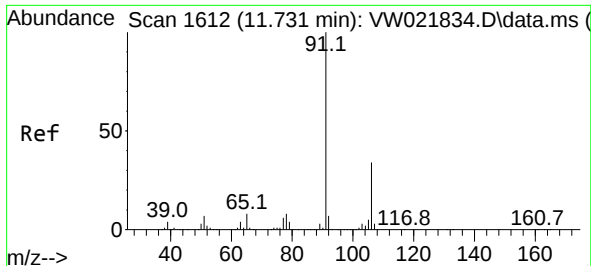
Tgt Ion: 91 Resp: 27862
Ion Ratio Lower Upper
91 100
92 59.1 41.7 77.5



#48
2-Hexanone
Concen: 2.806 ug/L
RT: 10.920 min Scan# 1479
Delta R.T. -0.049 min
Lab File: VW021836.D
Acq: 11 Jan 2022 16:57

Tgt Ion: 43 Resp: 2283
Ion Ratio Lower Upper
43 100
58 27.6 40.2 60.2#
57 31.8 14.3 21.5#
100 0.0 8.0 12.0#

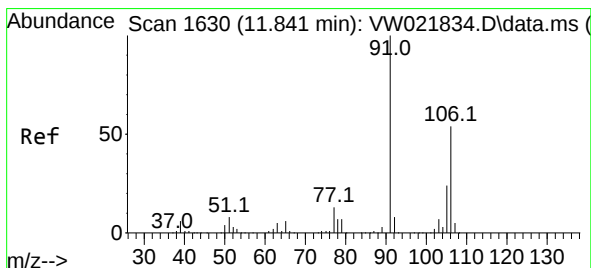
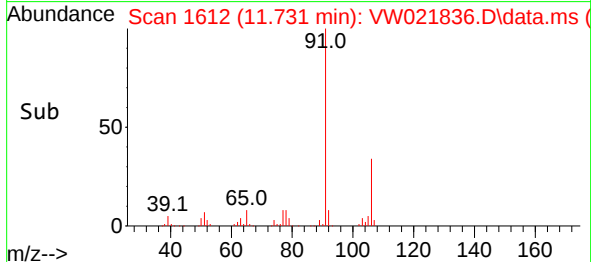
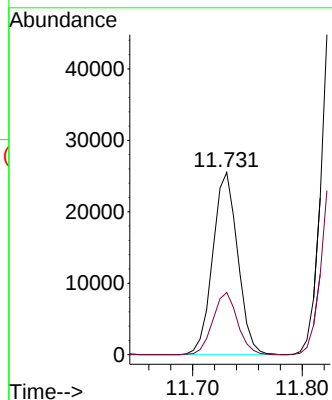
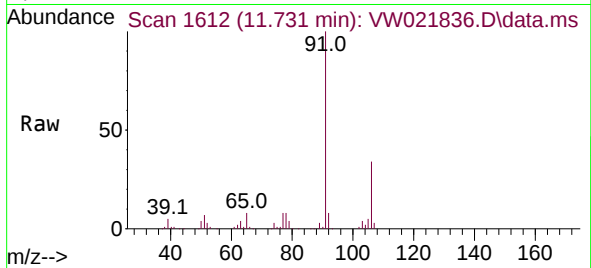




#52
Ethylbenzene
Concen: 2.790 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW021836.D
Acq: 11 Jan 2022 16:57

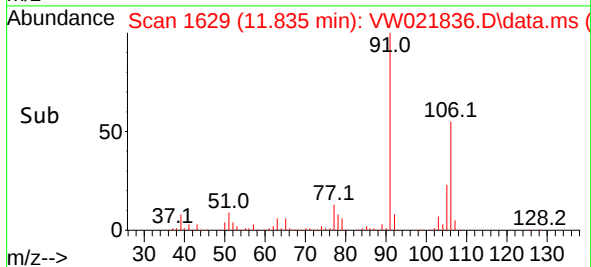
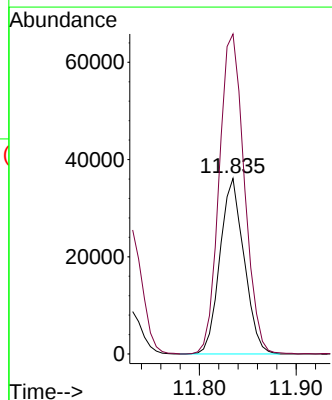
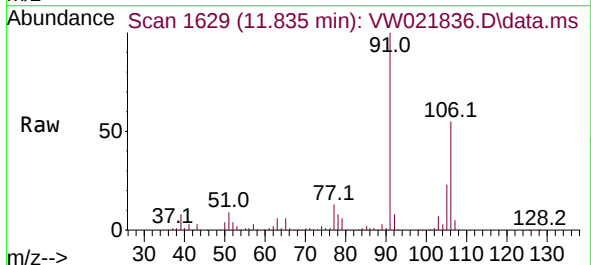
Instrument :
MSVOA_W
ClientSampleId :

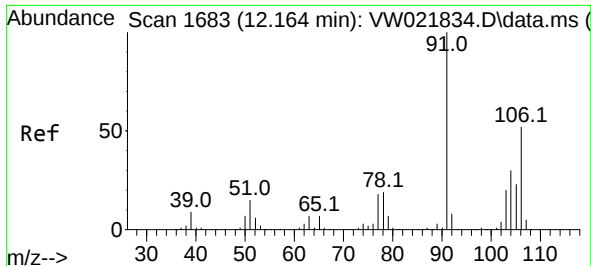
Tgt Ion: 91 Resp: 40387
Ion Ratio Lower Upper
91 100
106 34.1 21.5 39.9



#53
m,p-Xylene
Concen: 10.322 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.007 min
Lab File: VW021836.D
Acq: 11 Jan 2022 16:57

Tgt Ion: 106 Resp: 62490
Ion Ratio Lower Upper
106 100
91 182.2 149.9 278.3

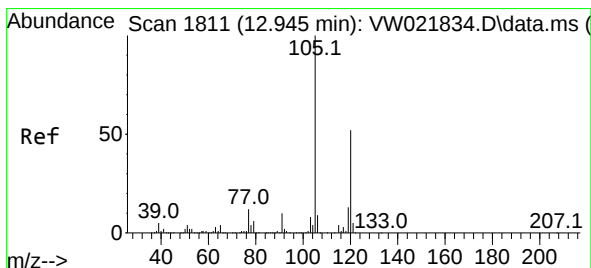
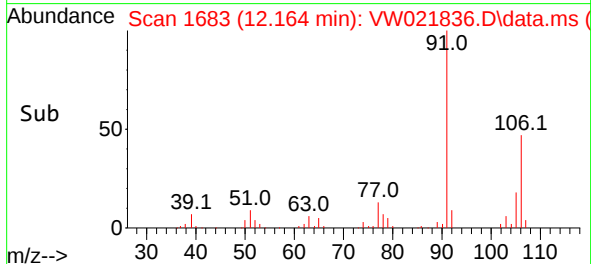
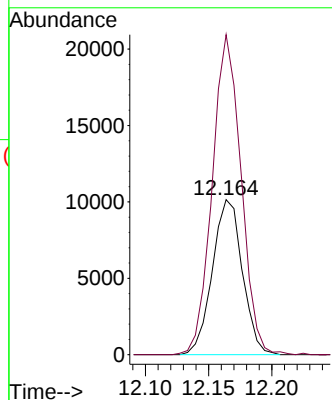
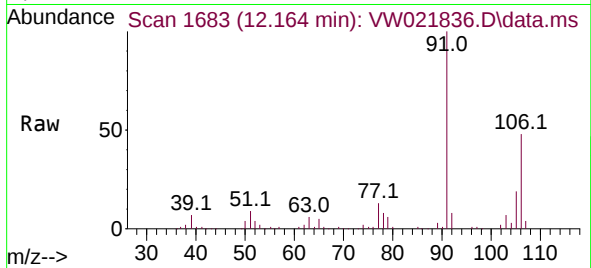




#54
o-Xylene
Concen: 2.977 ug/L
RT: 12.164 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW021836.D
Acq: 11 Jan 2022 16:57

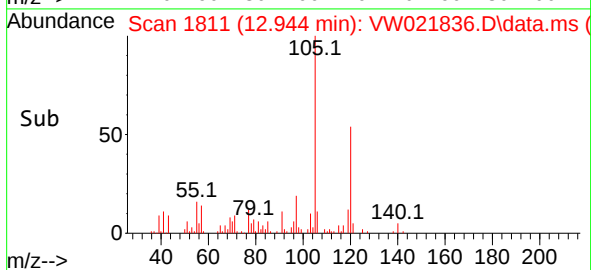
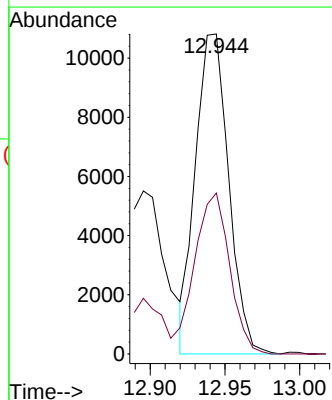
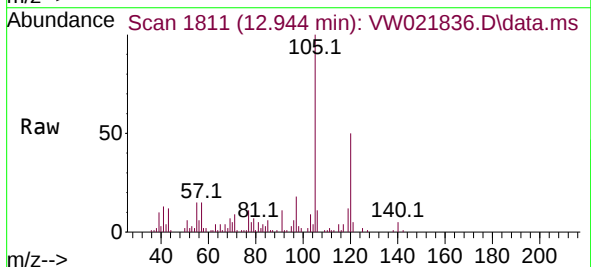
Instrument :
MSVOA_W
ClientSampleId :

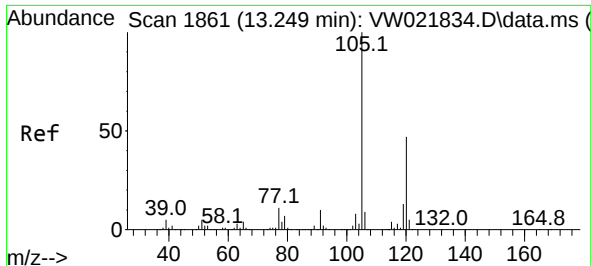
Tgt Ion:106 Resp: 16733
Ion Ratio Lower Upper
106 100
91 206.3 153.6 285.3



#62
1,3,5-Trimethylbenzene
Concen: 1.296 ug/L
RT: 12.944 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VW021836.D
Acq: 11 Jan 2022 16:57

Tgt Ion:105 Resp: 16698
Ion Ratio Lower Upper
105 100
120 53.1 37.4 56.2

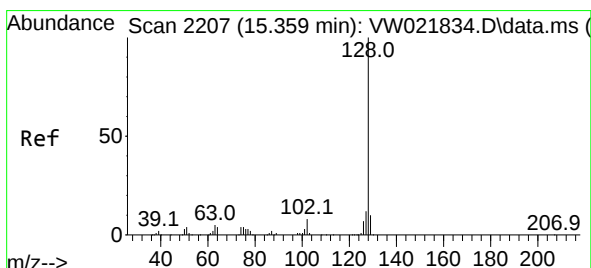
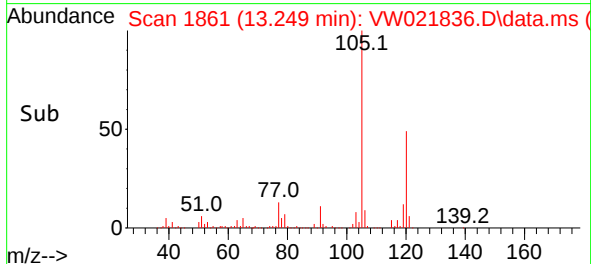
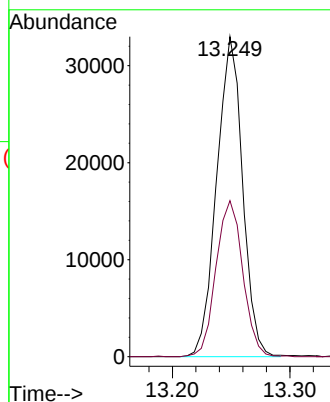
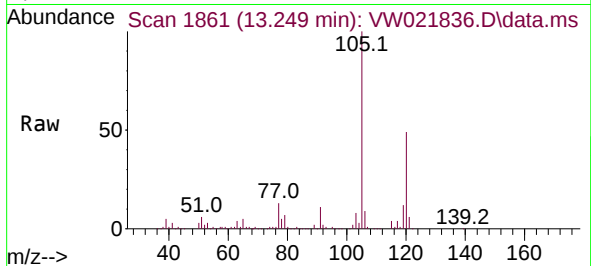




#63
1,2,4-Trimethylbenzene
Concen: 3.975 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW021836.D
Acq: 11 Jan 2022 16:57

Instrument :
MSVOA_W
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Tgt Ion:105 Resp: 50487
Ion Ratio Lower Upper
105 100
120 50.5 35.0 52.6



#71
Naphthalene
Concen: 10.010 ug/L
RT: 15.358 min Scan# 2207
Delta R.T. -0.000 min
Lab File: VW021836.D
Acq: 11 Jan 2022 16:57

Tgt Ion:128 Resp: 71508
Ion Ratio Lower Upper
128 100
127 13.8 10.7 16.1
129 11.2 8.6 12.8

