

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120221\
 Data File : VW021047.D
 Acq On : 02 Dec 2021 15:12
 Operator : SY/VA
 Sample : M4886-08
 Misc : 5.10g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 03 02:25:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 03 01:25:28 2021
 Response via : Initial Calibration

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

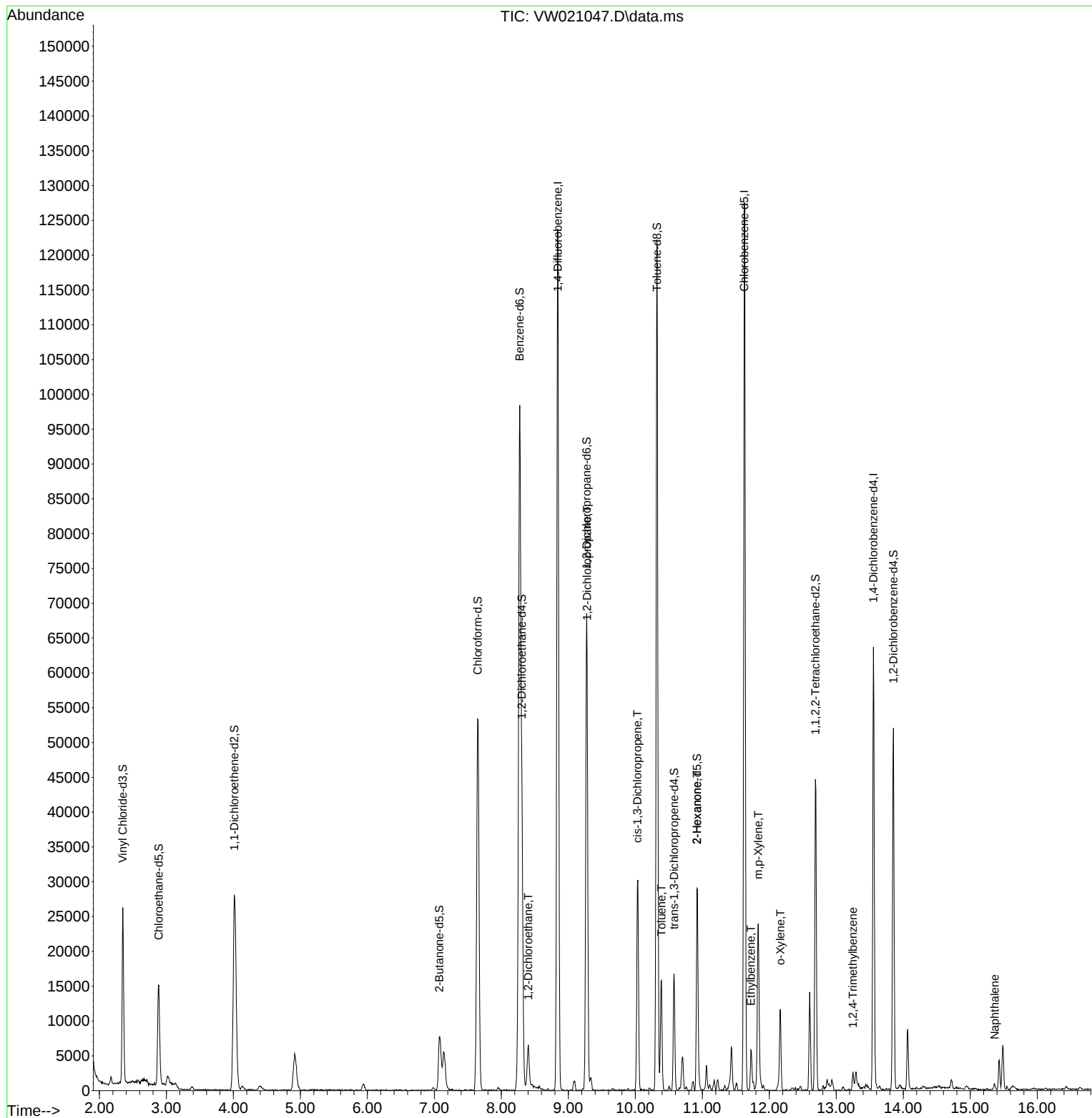
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	105876	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	72383	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	16587	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	21598	17.586	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.360%
7) Chloroethane-d5	2.885	69	16607	20.967	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.880%
11) 1,1-Dichloroethene-d2	4.013	63	26625	11.205	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	44.840%#
21) 2-Butanone-d5	7.074	46	13658	44.556	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.120%
24) Chloroform-d	7.647	84	54316	20.360	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.440%
26) 1,2-Dichloroethane-d4	8.305	65	27943	20.636	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.560%
32) Benzene-d6	8.275	84	95324	24.987	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.960%
36) 1,2-Dichloropropane-d6	9.275	67	29682	27.323	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.280%
41) Toluene-d8	10.323	98	78548	20.744	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.960%
43) trans-1,3-Dichloroprop...	10.579	79	8581	16.712	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	66.840%
47) 2-Hexanone-d5	10.921	63	9500	52.727	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.460%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	20492	24.624	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.480%
66) 1,2-Dichlorobenzene-d4	13.853	152	13649	23.087	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.360%
Target Compounds						Qvalue
27) 1,2-Dichloroethane	8.403	62	4907	3.130	ug/L	96
37) 1,2-Dichloropropane	9.281	63	3697	3.876	ug/L #	88
39) cis-1,3-Dichloropropene	10.031	75	943	0.599	ug/L	91
42) Toluene	10.390	91	11317	2.455	ug/L	96
48) 2-Hexanone	10.921	43	1573	4.000	ug/L #	64
52) Ethylbenzene	11.725	91	4386	0.859	ug/L	100
53) m,p-Xylene	11.835	106	7069	3.390	ug/L	95
54) o-Xylene	12.164	106	3293	1.644	ug/L	87
63) 1,2,4-Trimethylbenzene	13.249	105	1554	0.826	ug/L	92
71) Naphthalene	15.365	128	1064	0.951	ug/L #	87

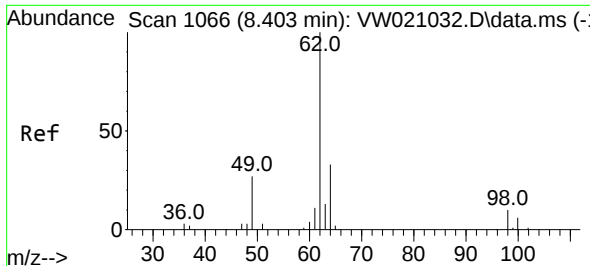
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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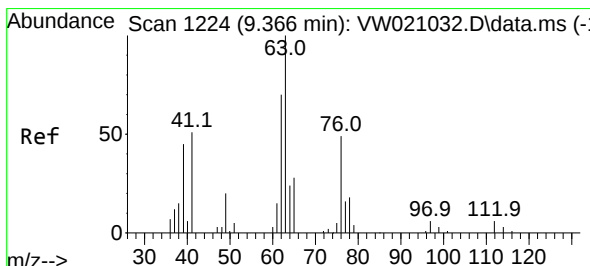
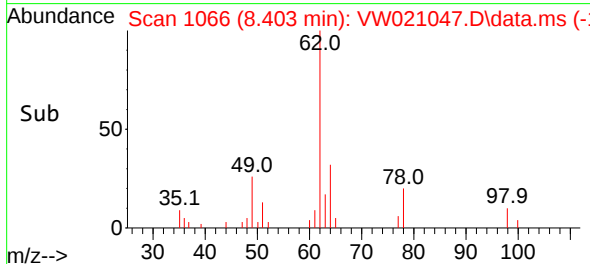
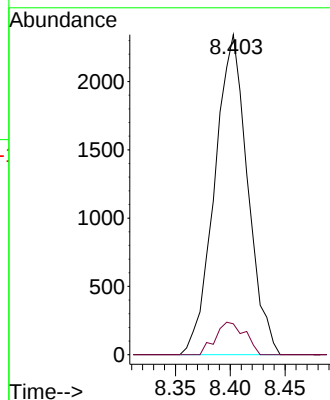
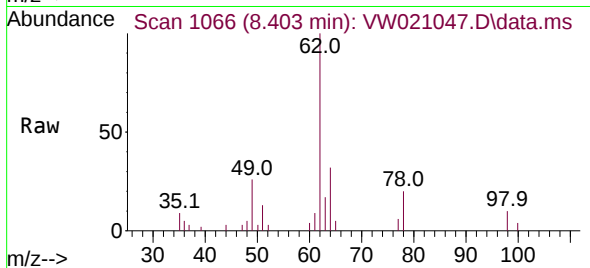




#27
1,2-Dichloroethane
Concen: 3.130 ug/L
RT: 8.403 min Scan# 110
Delta R.T. 0.000 min
Lab File: VW021047.D
Acq: 02 Dec 2021 15:12

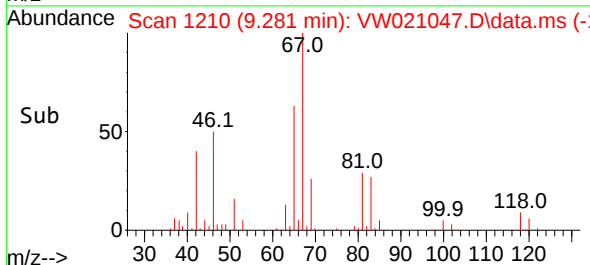
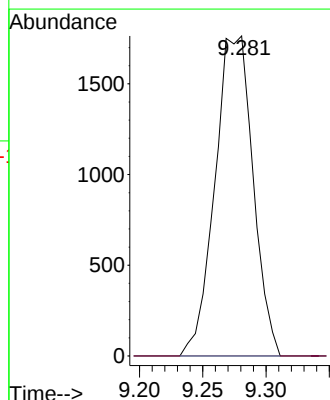
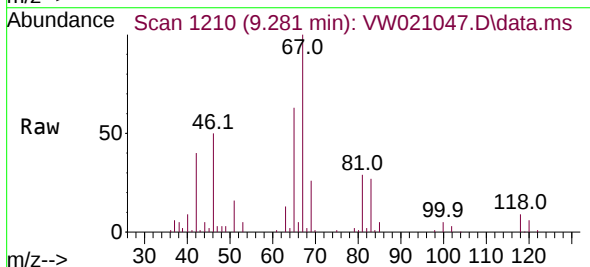
Instrument :
MSVOA_W
ClientSampleId :

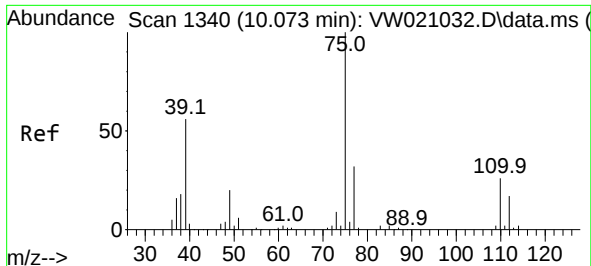
Tgt Ion: 62 Resp: 4907
Ion Ratio Lower Upper
62 100
98 9.6 6.5 9.7



#37
1,2-Dichloropropane
Concen: 3.876 ug/L
RT: 9.281 min Scan# 1210
Delta R.T. -0.085 min
Lab File: VW021047.D
Acq: 02 Dec 2021 15:12

Tgt Ion: 63 Resp: 3697
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.599 ug/L

RT: 10.031 min Scan# 1

Delta R.T. -0.043 min

Lab File: VW021047.D

Acq: 02 Dec 2021 15:12

Instrument :

MSVOA_W

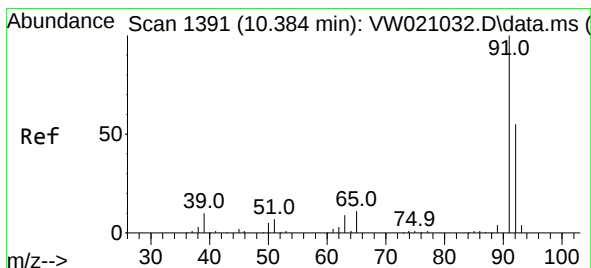
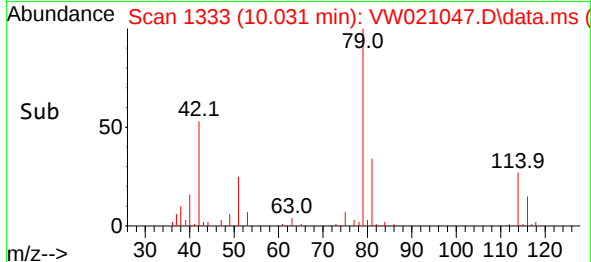
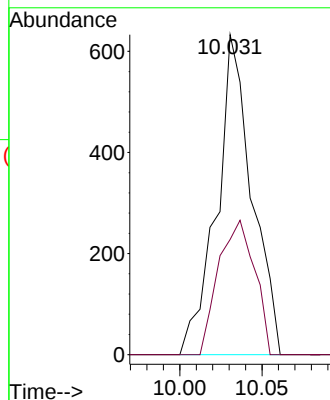
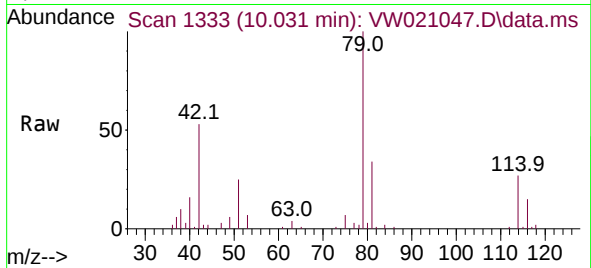
ClientSampleId :

Tgt Ion: 75 Resp: 943

Ion Ratio Lower Upper

75 100

77 36.0 21.8 40.6



#42

Toluene

Concen: 2.455 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.006 min

Lab File: VW021047.D

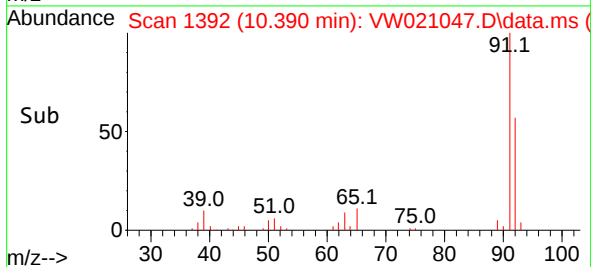
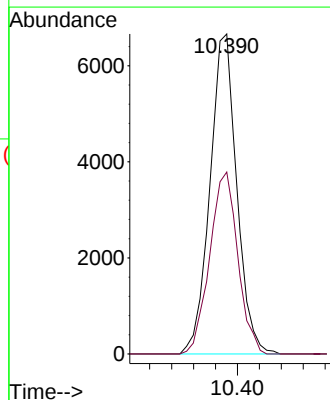
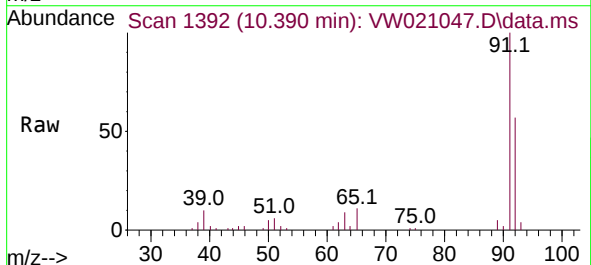
Acq: 02 Dec 2021 15:12

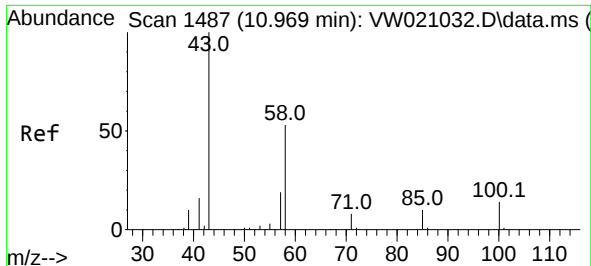
Tgt Ion: 91 Resp: 11317

Ion Ratio Lower Upper

91 100

92 56.9 41.7 77.5





#48

2-Hexanone

Concen: 4.000 ug/L

RT: 10.921 min Scan# 1487

Delta R.T. -0.049 min

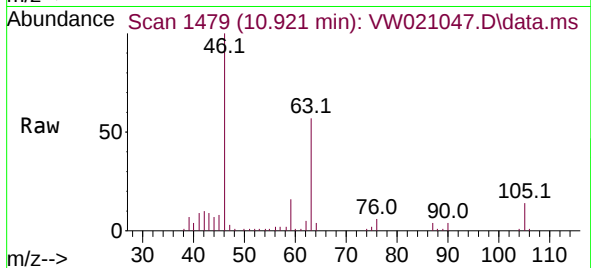
Lab File: VW021047.D

Acq: 02 Dec 2021 15:12

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 1573

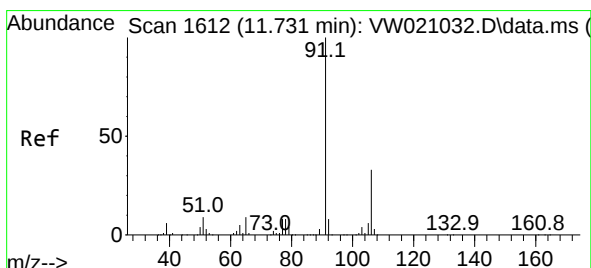
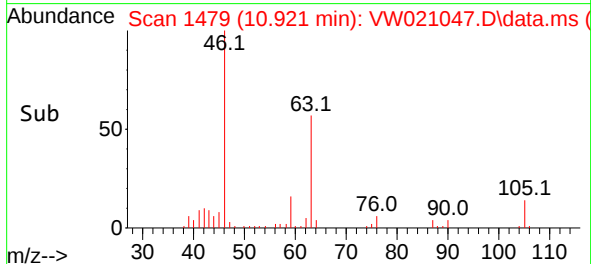
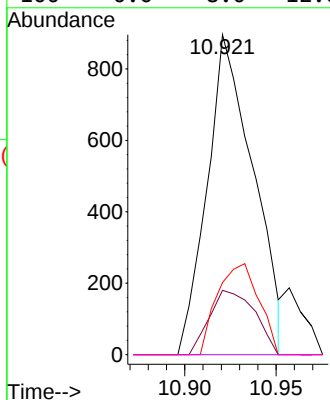
Ion Ratio Lower Upper

43 100

58 19.8 40.2 60.2#

57 25.6 14.3 21.5#

100 0.0 8.0 12.0#



#52

Ethylbenzene

Concen: 0.859 ug/L

RT: 11.725 min Scan# 1611

Delta R.T. -0.006 min

Lab File: VW021047.D

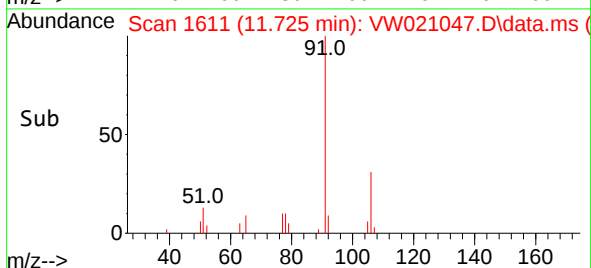
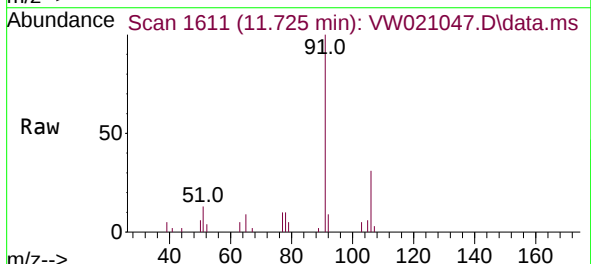
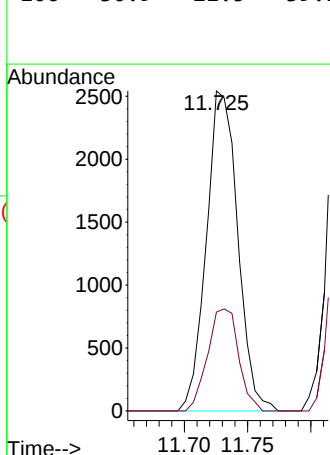
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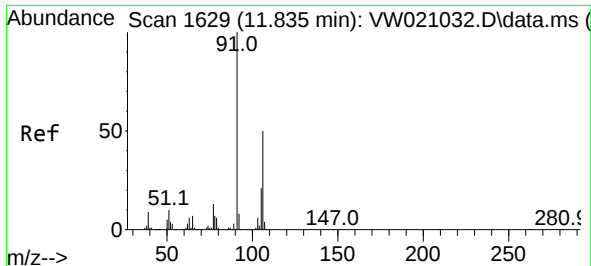
Tgt Ion: 91 Resp: 4386

Ion Ratio Lower Upper

91 100

106 30.9 21.5 39.9

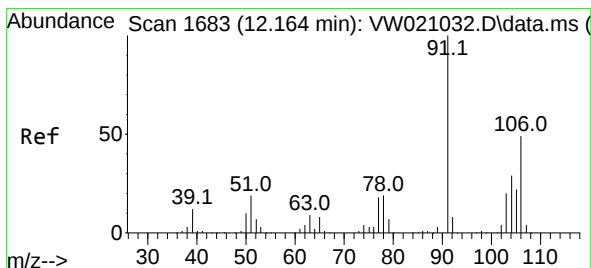
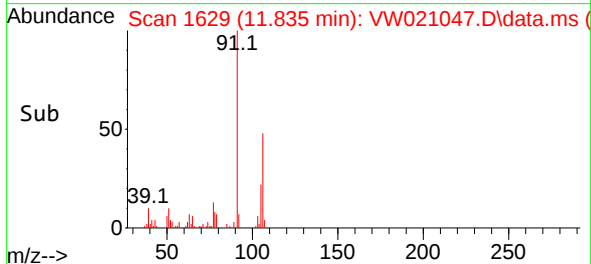
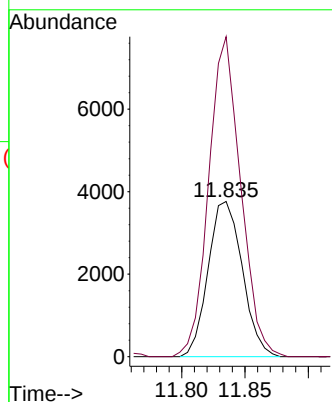
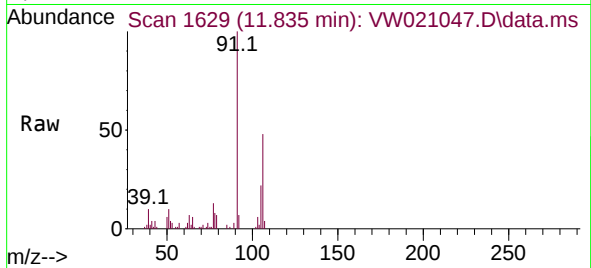




#53
m,p-Xylene
Concen: 3.390 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW021047.D
Acq: 02 Dec 2021 15:12

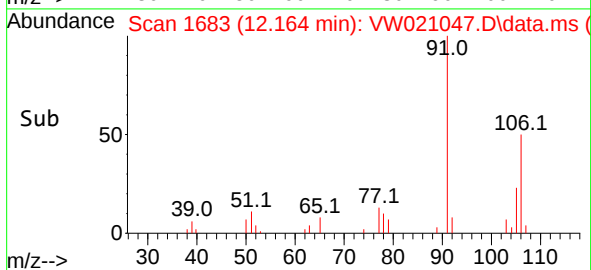
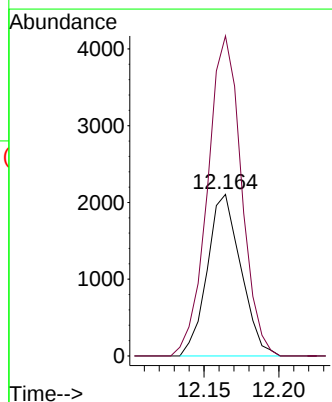
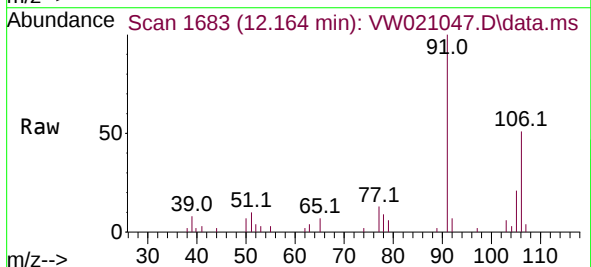
Instrument :
MSVOA_W
ClientSampleId :

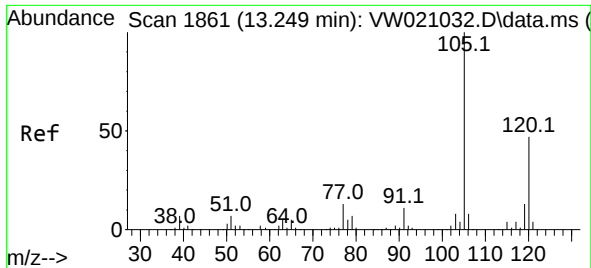
Tgt Ion:106 Resp: 7069
Ion Ratio Lower Upper
106 100
91 206.2 149.9 278.3



#54
o-Xylene
Concen: 1.644 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW021047.D
Acq: 02 Dec 2021 15:12

Tgt Ion:106 Resp: 3293
Ion Ratio Lower Upper
106 100
91 198.0 153.6 285.3

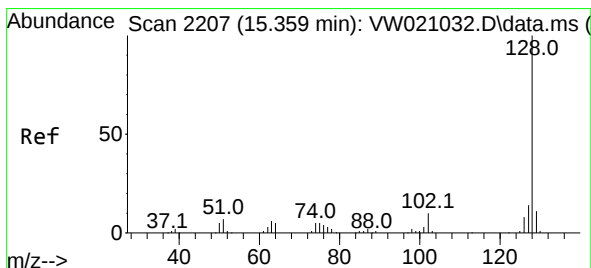
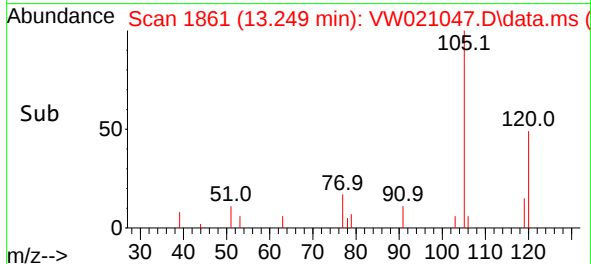
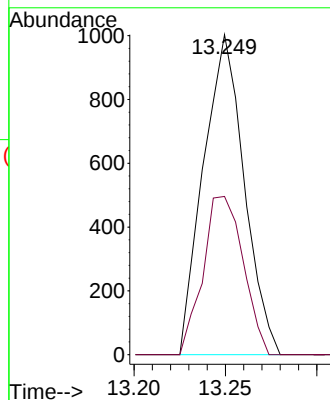
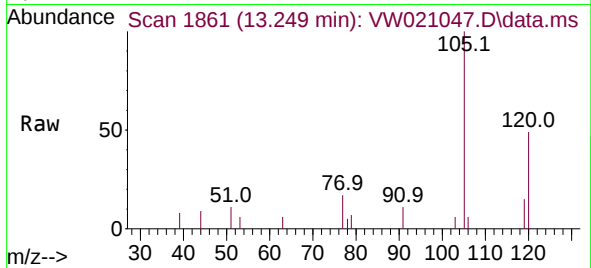




#63
1,2,4-Trimethylbenzene
Concen: 0.826 ug/L
RT: 13.249 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW021047.D
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Tgt Ion:105 Resp: 1554
Ion Ratio Lower Upper
105 100
120 48.9 35.0 52.6



#71
Naphthalene
Concen: 0.951 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.006 min
Lab File: VW021047.D
Acq: 02 Dec 2021 15:12

Tgt Ion:128 Resp: 1064
Ion Ratio Lower Upper
128 100
127 9.1 10.7 16.1#
129 5.1 8.6 12.8#

