

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101421\
 Data File : VW020516.D
 Acq On : 15 Oct 2021 01:36
 Operator : SY/VA
 Sample : M4210-04
 Misc : 4.67g/10mL/MSVOA_W/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JDGC4

Quant Time: Oct 15 08:00:18 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)

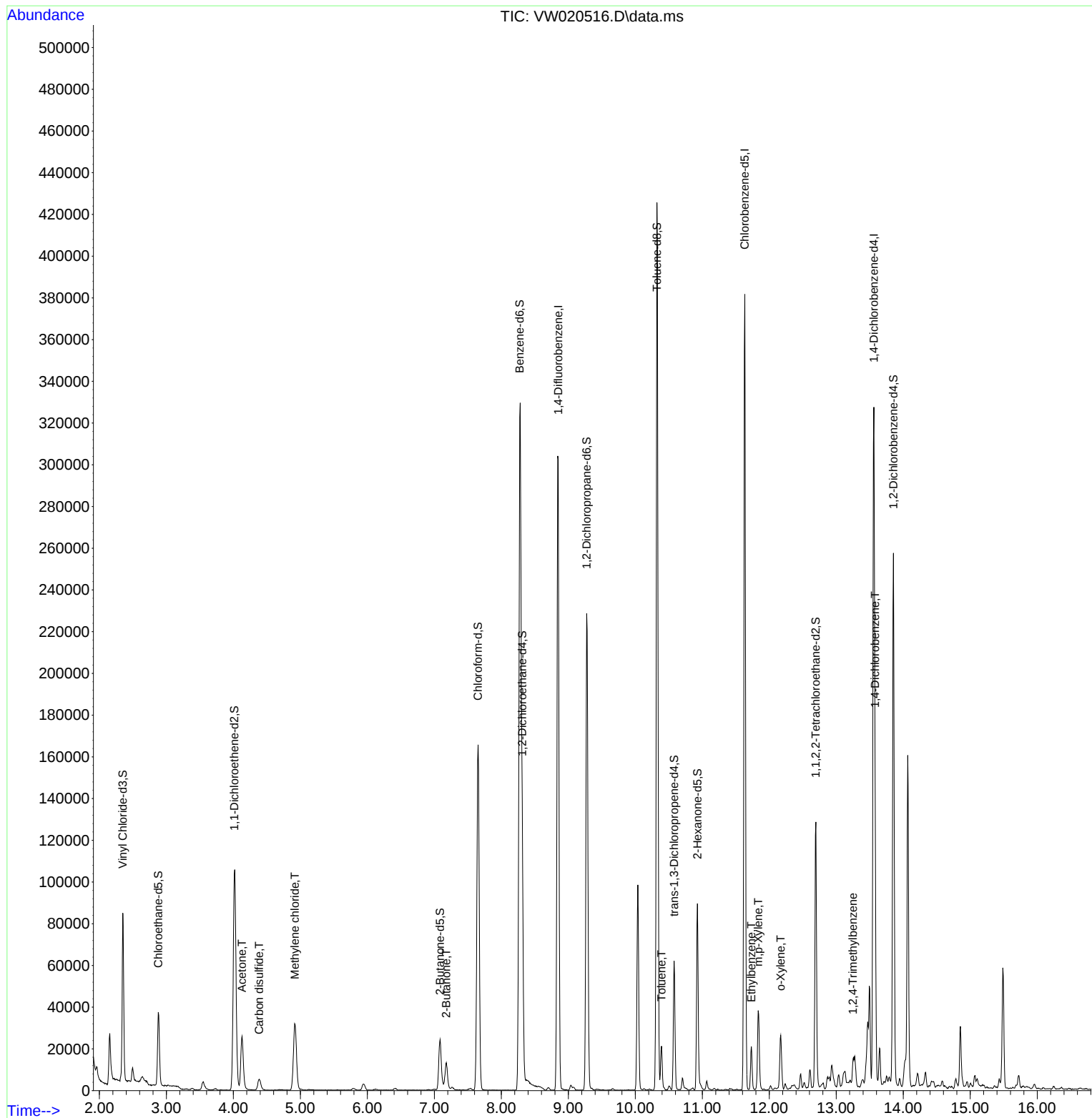
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	234487	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	192625	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	71780	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	71480	20.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.80%
7) Chloroethane-d5	2.879	69	36032	19.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.96%
11) 1,1-Dichloroethene-d2	4.013	63	107635	15.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.60%
21) 2-Butanone-d5	7.086	46	42219	40.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.32%
24) Chloroform-d	7.653	84	165287	22.11	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.44%
26) 1,2-Dichloroethane-d4	8.311	65	91323	21.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.56%
32) Benzene-d6	8.275	84	315729	24.92	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.68%
36) 1,2-Dichloropropane-d6	9.275	67	102682	24.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.48%
41) Toluene-d8	10.323	98	262359	23.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.32%
43) trans-1,3-Dichloroprop...	10.579	79	32277	19.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.92%
47) 2-Hexanone-d5	10.927	63	27135	42.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.42%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	63318	20.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.12%
66) 1,2-Dichlorobenzene-d4	13.853	152	60264	21.46	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.84%
Target Compounds						
					Qvalue	
13) Acetone	4.129	43	45798	48.04	ug/L	98
14) Carbon disulfide	4.385	76	10163	0.95	ug/L	98
16) Methylene chloride	4.916	84	22812	5.00	ug/L	95
22) 2-Butanone	7.177	43	19892	16.67	ug/L	94
42) Toluene	10.390	91	14238	1.03	ug/L	98
52) Ethylbenzene	11.731	91	13696	0.92	ug/L	99
53) m,p-Xylene	11.835	106	10301	1.86	ug/L	98
54) o-Xylene	12.170	106	5246	1.03	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	7644	0.90	ug/L	93
65) 1,4-Dichlorobenzene	13.579	146	42837	9.09	ug/L	91

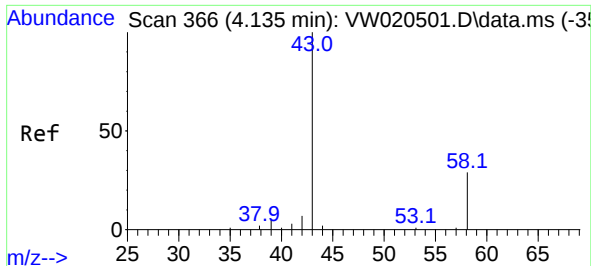
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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Response via : Initial Calibration

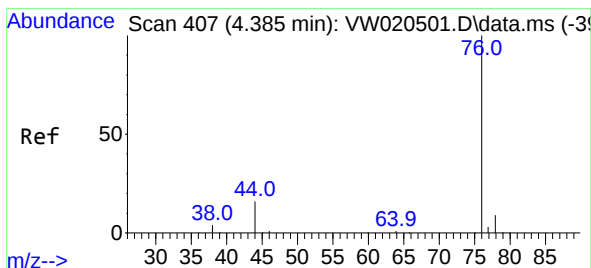
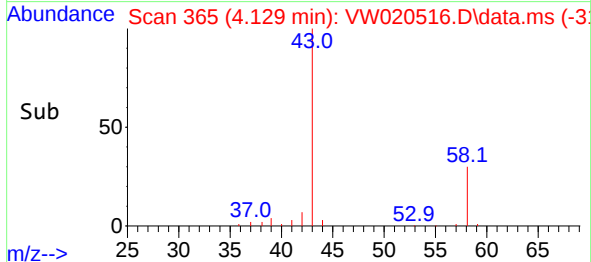
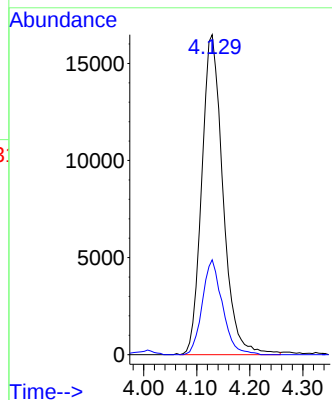
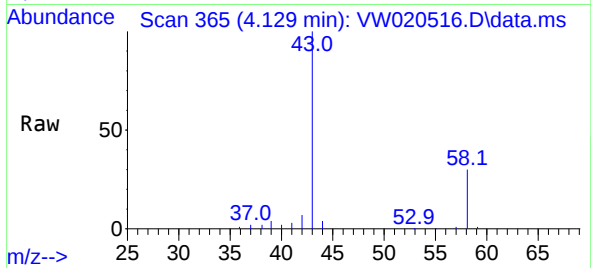




#13
Acetone
Concen: 48.04 ug/L
RT: 4.129 min Scan# 365
Delta R.T. -0.006 min
Lab File: VW020516.D
Acq: 15 Oct 2021 01:36

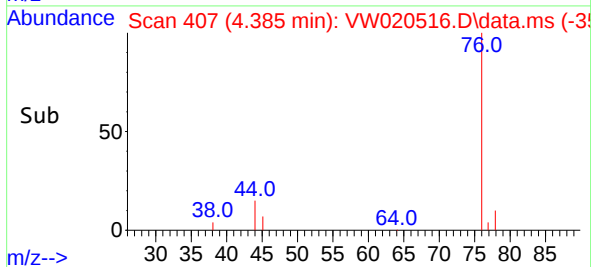
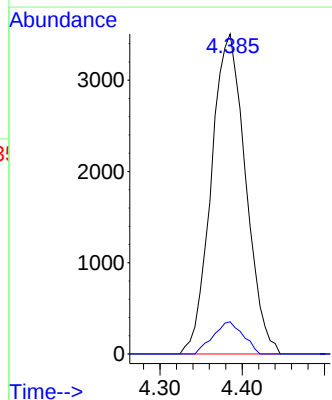
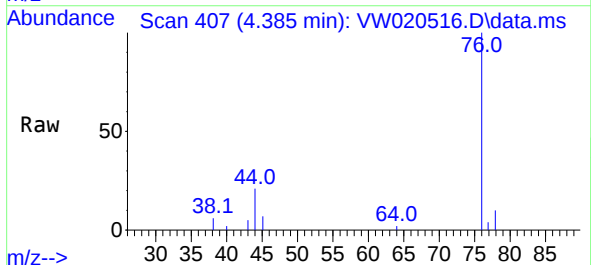
Instrument :
MSVOA_W
ClientSampled :
JDGC4

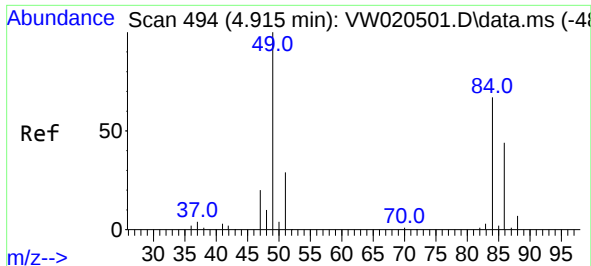
Tgt Ion: 43 Resp: 45798
Ion Ratio Lower Upper
43 100
58 28.2 0.0 58.4



#14
Carbon disulfide
Concen: 0.95 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
Lab File: VW020516.D
Acq: 15 Oct 2021 01:36

Tgt Ion: 76 Resp: 10163
Ion Ratio Lower Upper
76 100
78 10.0 7.4 11.2



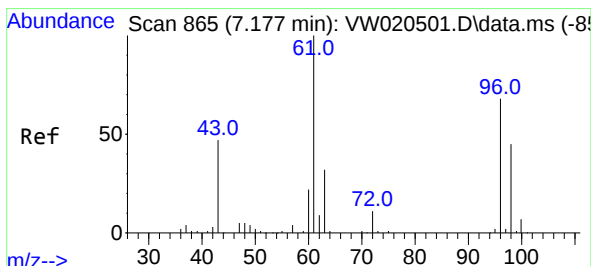
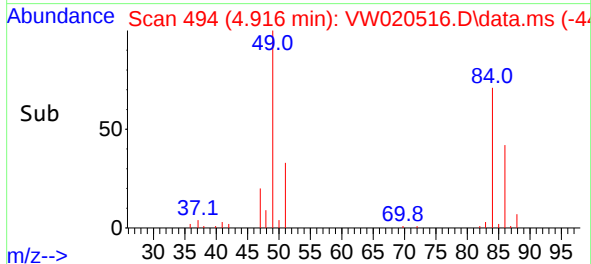
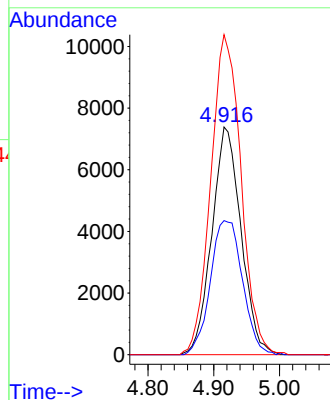
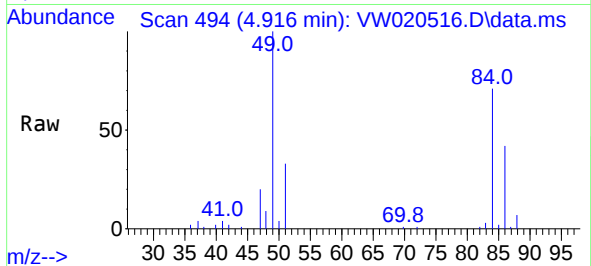


#16
Methylene chloride
Concen: 5.00 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW020516.D
Acq: 15 Oct 2021 01:36

Instrument :
MSVOA_W
ClientSampled :
JDGC4

Tgt Ion: 84 Resp: 22812

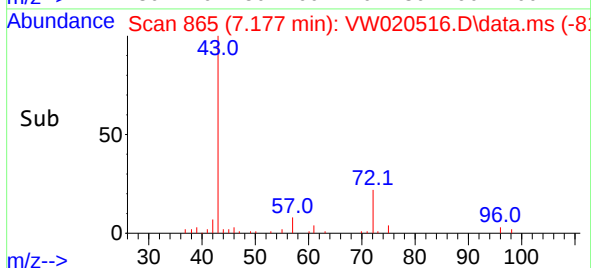
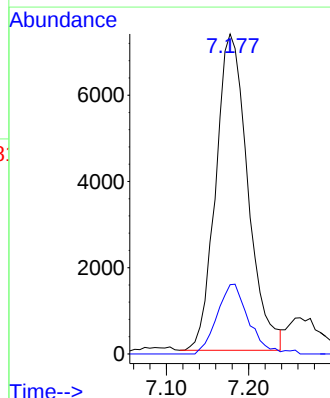
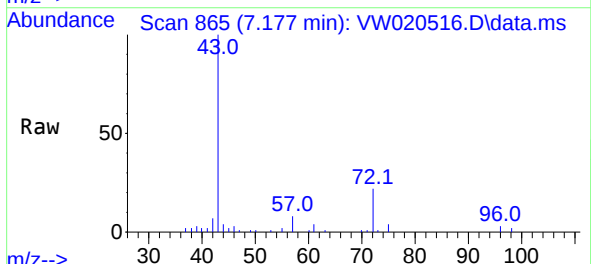
Ion	Ratio	Lower	Upper
84	100		
86	58.9	44.7	83.1
49	140.6	101.7	188.9

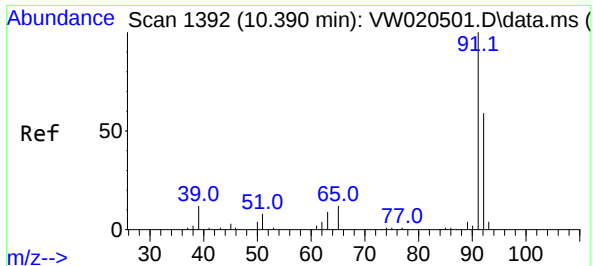


#22
2-Butanone
Concen: 16.67 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.000 min
Lab File: VW020516.D
Acq: 15 Oct 2021 01:36

Tgt Ion: 43 Resp: 19892

Ion	Ratio	Lower	Upper
43	100		
72	21.4	12.2	36.6





#42

Toluene

Concen: 1.03 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VW020516.D

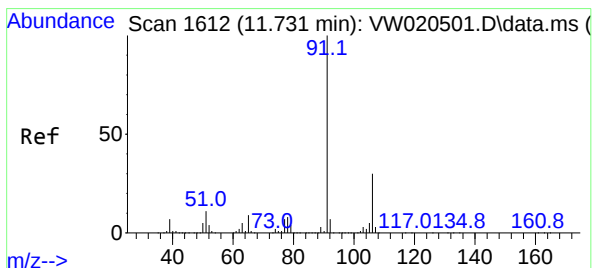
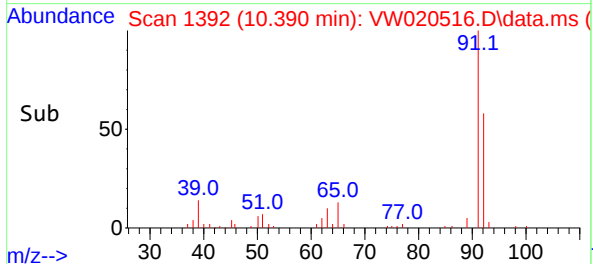
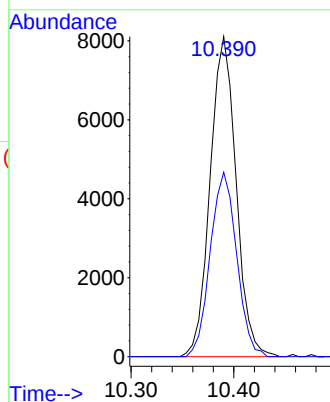
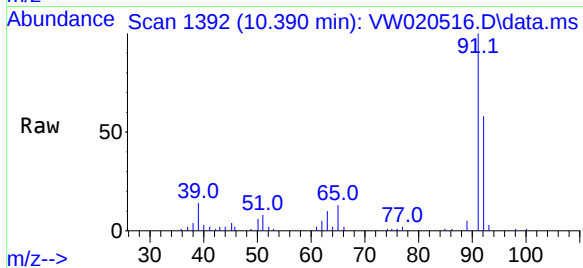
Acq: 15 Oct 2021 01:36

Tgt Ion: 91 Resp: 14238

Ion Ratio Lower Upper

91 100

92 57.7 41.5 77.1



#52

Ethylbenzene

Concen: 0.92 ug/L

RT: 11.731 min Scan# 1612

Delta R.T. 0.000 min

Lab File: VW020516.D

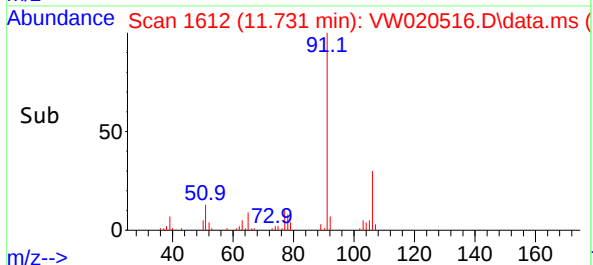
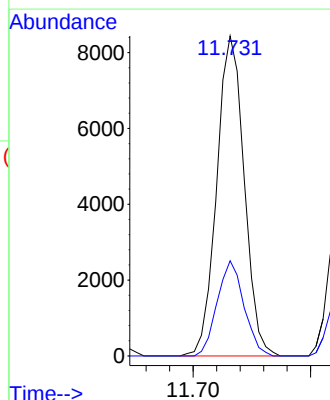
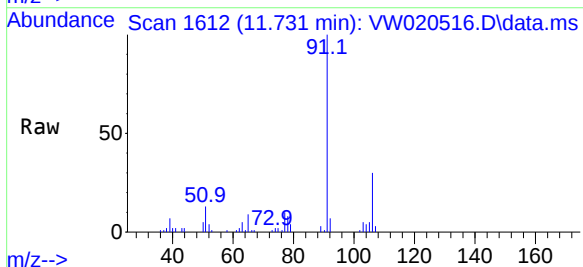
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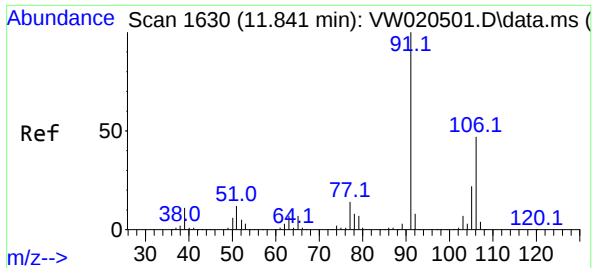
Tgt Ion: 91 Resp: 13696

Ion Ratio Lower Upper

91 100

106 29.8 21.3 39.5

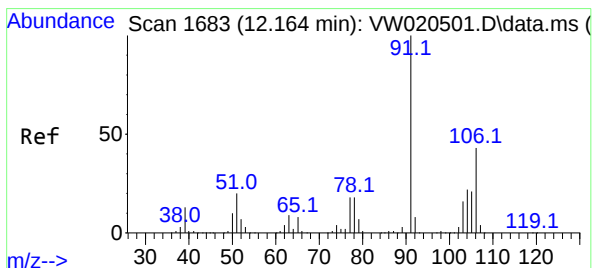
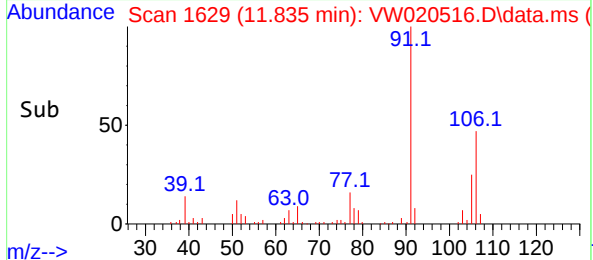
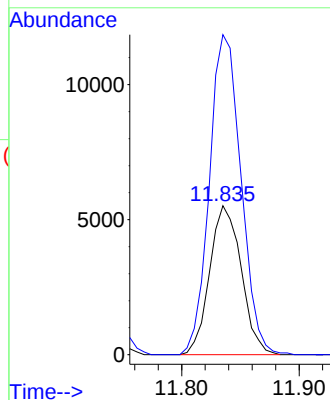
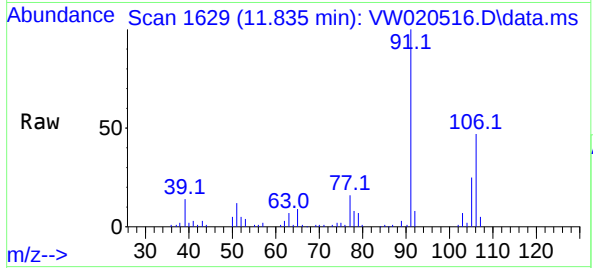




#53
m,p-Xylene
Concen: 1.86 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW020516.D
Acq: 15 Oct 2021 01:36

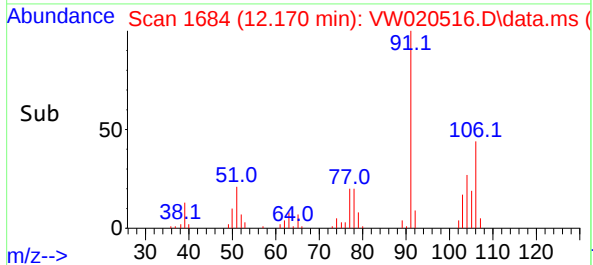
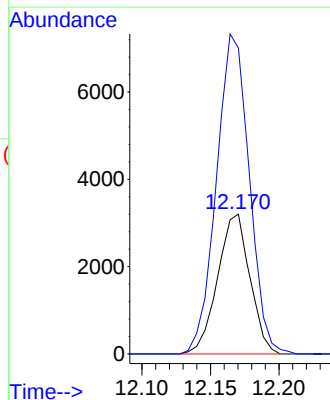
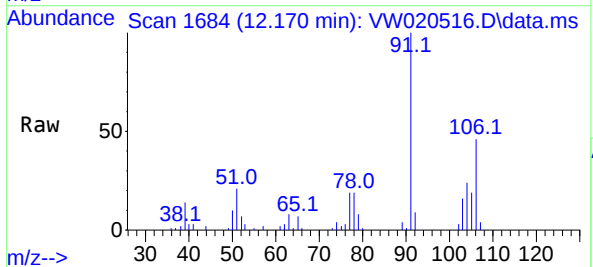
Instrument :
MSVOA_W
ClientSampled :
JDGC4

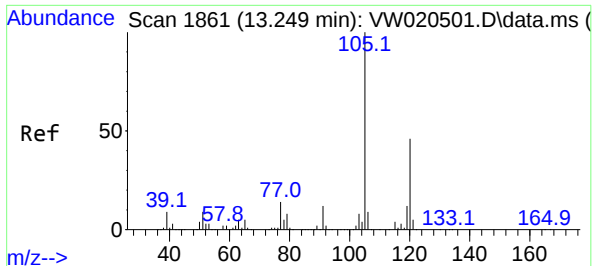
Tgt Ion:106 Resp: 10301
Ion Ratio Lower Upper
106 100
91 214.8 148.2 275.2



#54
o-Xylene
Concen: 1.03 ug/L
RT: 12.170 min Scan# 1684
Delta R.T. 0.006 min
Lab File: VW020516.D
Acq: 15 Oct 2021 01:36

Tgt Ion:106 Resp: 5246
Ion Ratio Lower Upper
106 100
91 218.8 156.1 289.9

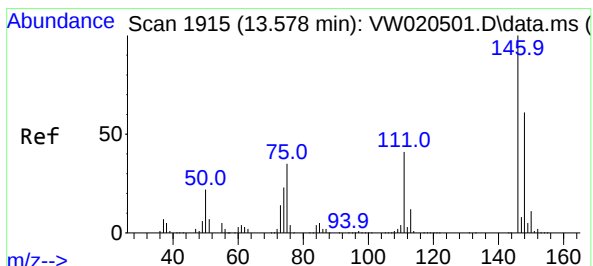
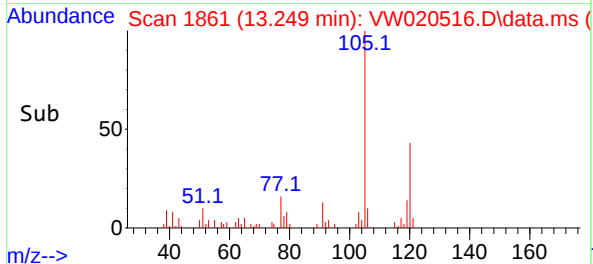
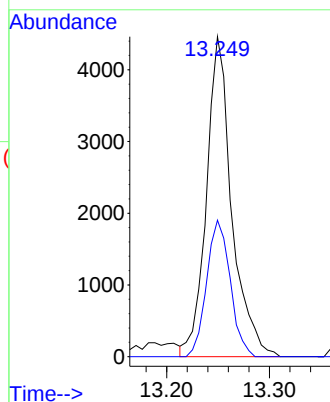
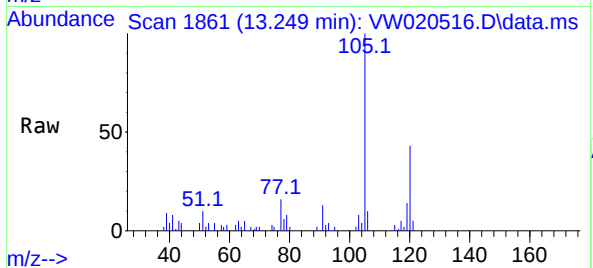




#63
1,2,4-Trimethylbenzene
Concen: 0.90 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW020516.D
Acq: 15 Oct 2021 01:36

Instrument :
MSVOA_W
ClientSampled :
JDGC4

Tgt Ion:105 Resp: 7644
Ion Ratio Lower Upper
105 100
120 39.6 35.4 53.2



#65
1,4-Dichlorobenzene
Concen: 9.09 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW020516.D
Acq: 15 Oct 2021 01:36

Tgt Ion:146 Resp: 42837
Ion Ratio Lower Upper
146 100
111 36.9 30.9 57.5
148 59.7 46.1 85.7

