

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
 Data File : VW018826.D
 Acq On : 28 Apr 2021 17:31
 Operator : SY/VA
 Sample : M2177-14
 Misc : 4.48G/10ML/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 29 00:16:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Apr 29 00:13:39 2021
 Response via : Initial Calibration

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

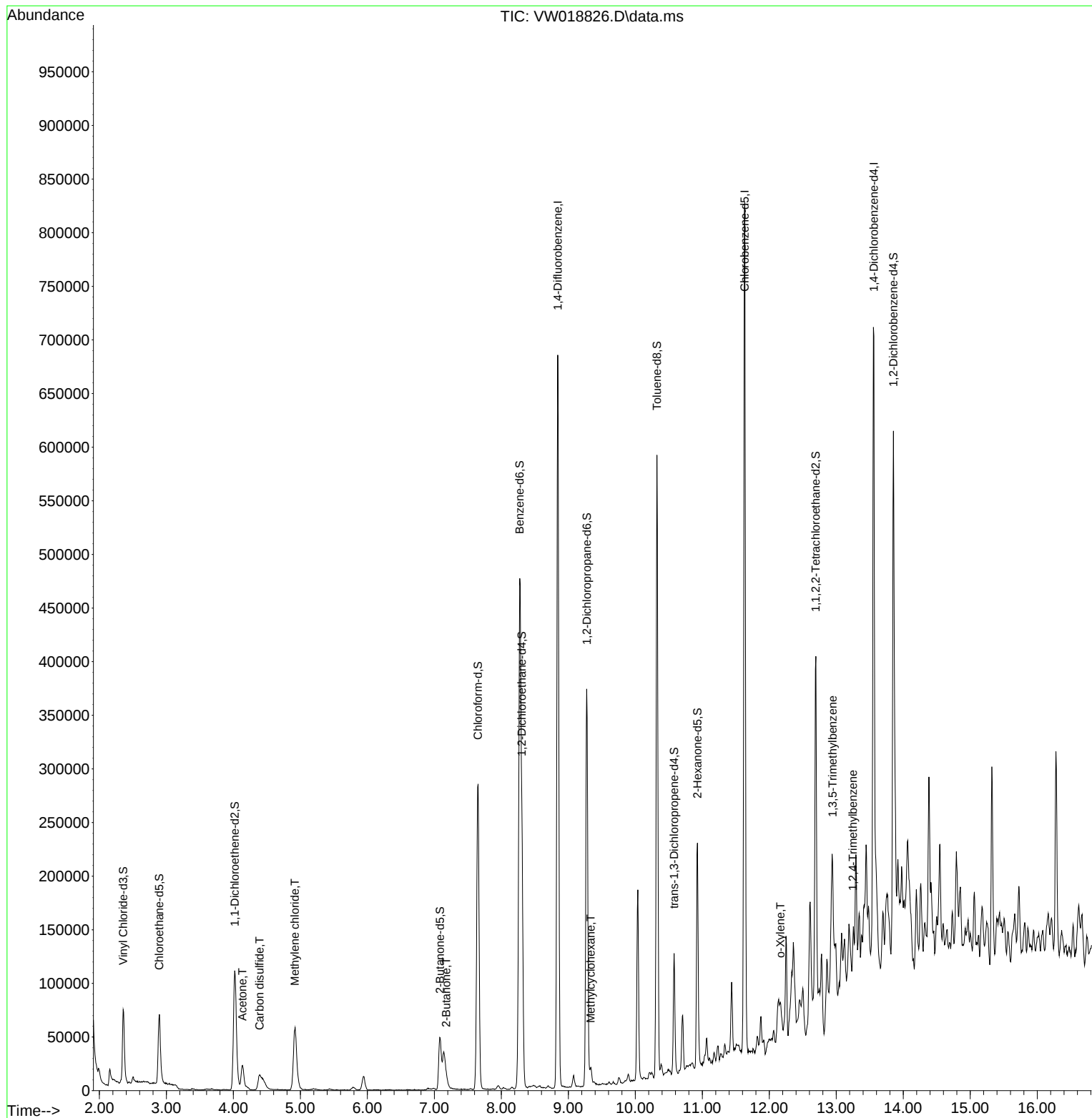
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	555004	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	435761	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	148072	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	84208	9.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	39.92%
7) Chloroethane-d5	2.891	69	87762	11.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	46.96%
11) 1,1-Dichloroethene-d2	4.019	63	124611	8.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	34.04%#
21) 2-Butanone-d5	7.086	46	85505	44.54	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.08%
24) Chloroform-d	7.653	84	291949	19.17	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	76.68%
26) 1,2-Dichloroethane-d4	8.305	65	165025	19.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	77.08%
32) Benzene-d6	8.275	84	479768	18.77	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	75.08%
36) 1,2-Dichloropropane-d6	9.274	67	174303	22.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.52%
41) Toluene-d8	10.323	98	370425	15.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	63.36%
43) trans-1,3-Dichloroprop...	10.579	79	61014	18.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.40%
47) 2-Hexanone-d5	10.927	63	73126	54.59	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.18%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	146261	22.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.92%
66) 1,2-Dichlorobenzene-d4	13.853	152	115829	22.27	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.08%
Target Compounds					Qvalue	
13) Acetone	4.135	43	42449	30.46	ug/L	86
14) Carbon disulfide	4.391	76	30234	1.39	ug/L	96
16) Methylene chloride	4.915	84	52034	5.72	ug/L	92
22) 2-Butanone	7.177	43	15176	7.17	ug/L	98
35) Methylcyclohexane	9.335	83	5236	0.43	ug/L #	85
54) o-Xylene	12.164	106	7391	0.65	ug/L	97
62) 1,3,5-Trimethylbenzene	12.945	105	19035	1.06	ug/L	95
63) 1,2,4-Trimethylbenzene	13.249	105	23422	1.30	ug/L	96

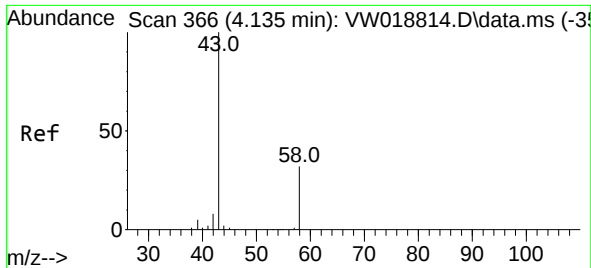
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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Response via : Initial Calibration

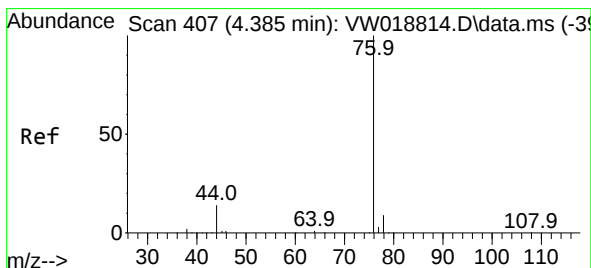
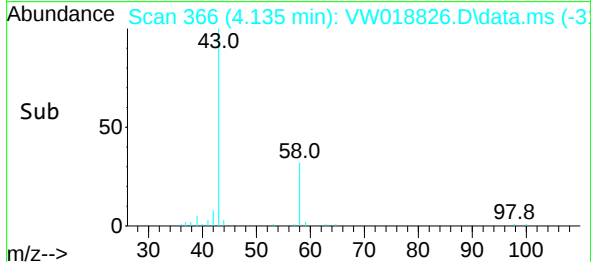
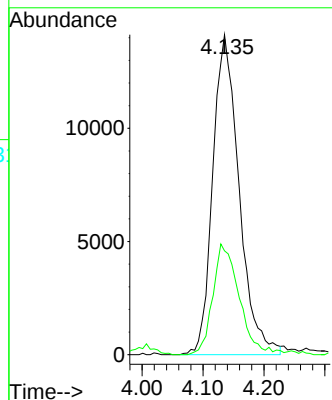
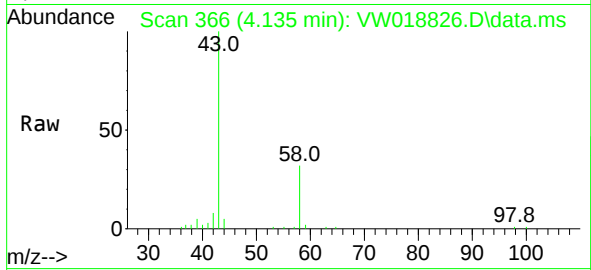




#13
Acetone
Concen: 30.46 ug/L
RT: 4.135 min Scan# 366
Delta R.T. 0.000 min
Lab File: VW018826.D
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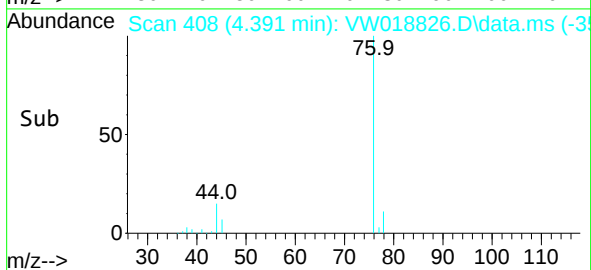
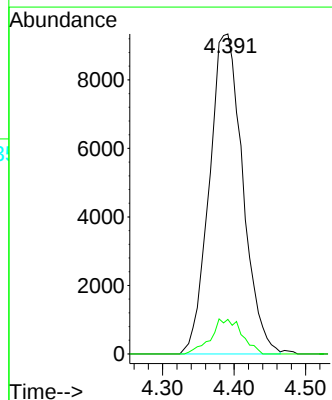
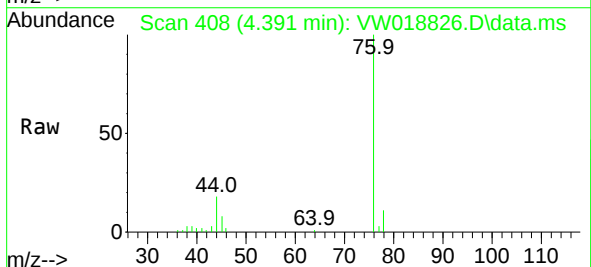
Instrument :
MSVOA_W
ClientSampled :

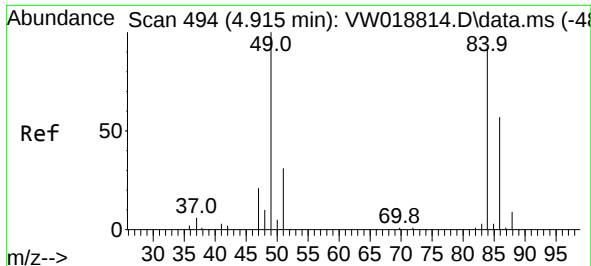
Tgt Ion: 43 Resp: 42449
Ion Ratio Lower Upper
43 100
58 33.9 0.0 53.8



#14
Carbon disulfide
Concen: 1.39 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
Lab File: VW018826.D
Acq: 28 Apr 2021 17:31

Tgt Ion: 76 Resp: 30234
Ion Ratio Lower Upper
76 100
78 10.8 7.4 11.0

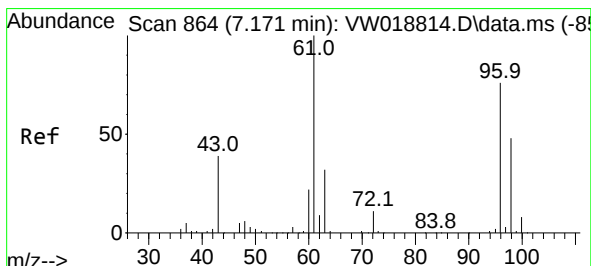
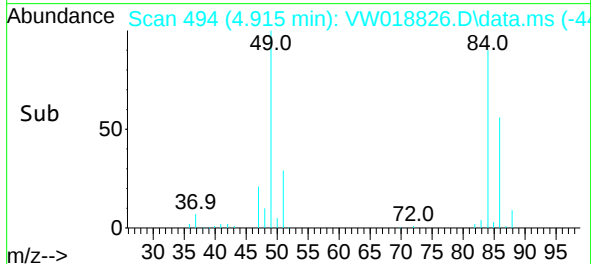
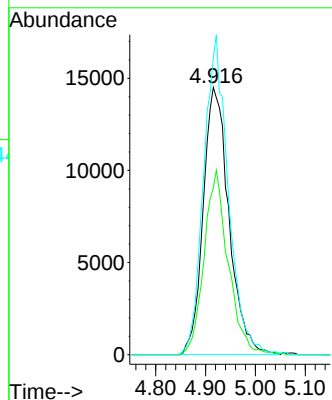
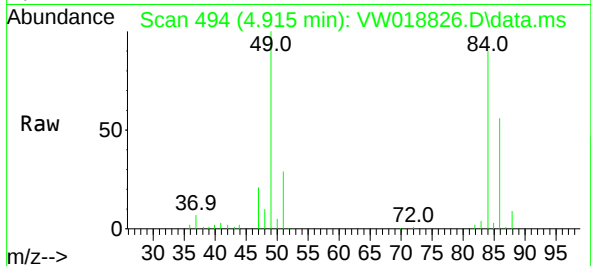




#16
Methylene chloride
Concen: 5.72 ug/L
RT: 4.915 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW018826.D
Acq: 28 Apr 2021 17:31

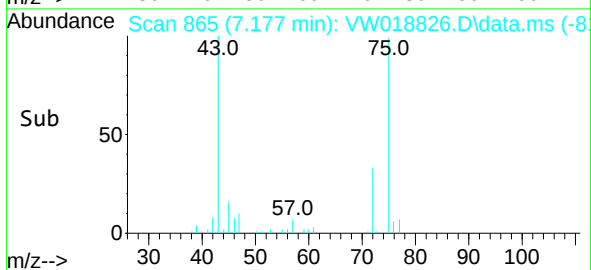
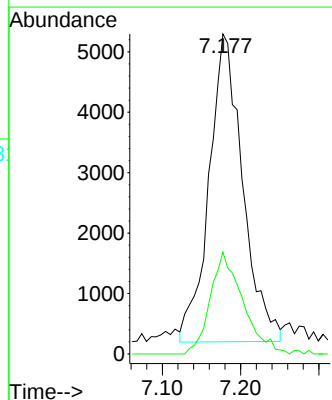
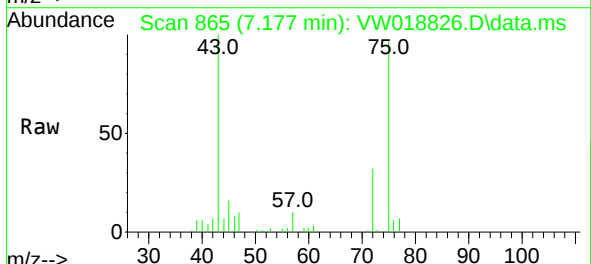
Instrument :
MSVOA_W
ClientSampled :

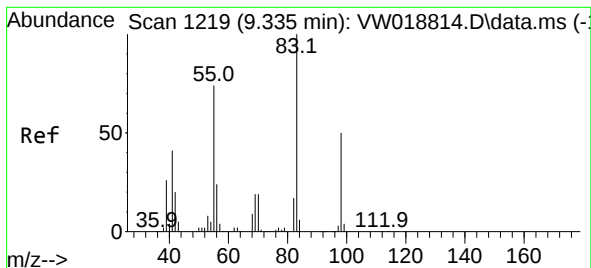
Tgt Ion: 84 Resp: 52034
Ion Ratio Lower Upper
84 100
86 62.4 45.3 84.1
49 111.1 86.6 160.8



#22
2-Butanone
Concen: 7.17 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW018826.D
Acq: 28 Apr 2021 17:31

Tgt Ion: 43 Resp: 15176
Ion Ratio Lower Upper
43 100
72 31.0 14.9 44.7

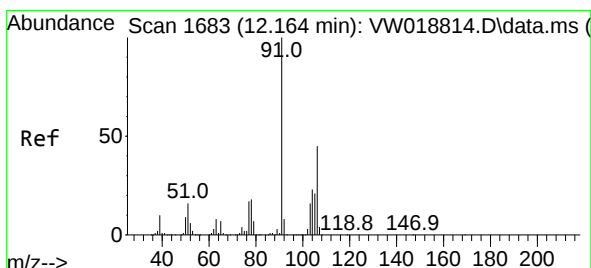
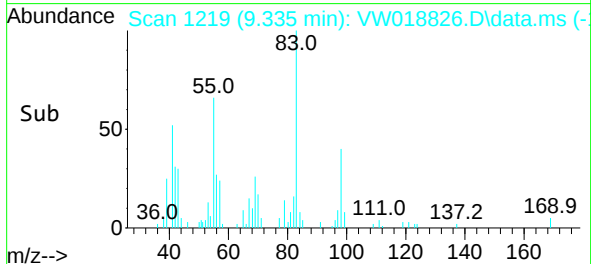
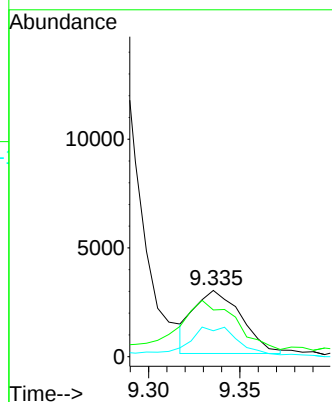
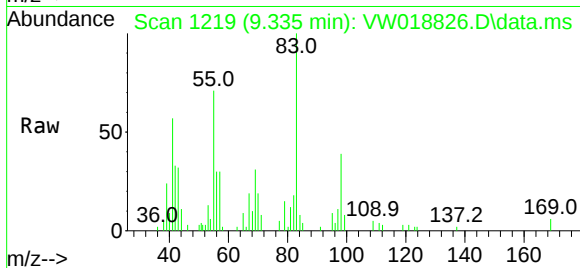




#35
Methylcyclohexane
Concen: 0.43 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW018826.D
Acq: 28 Apr 2021 17:31

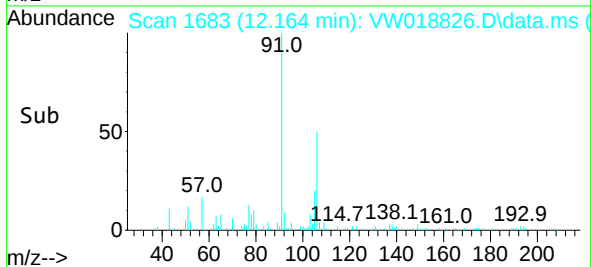
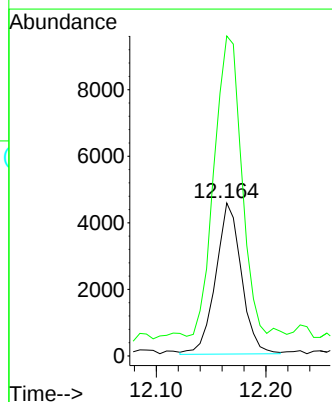
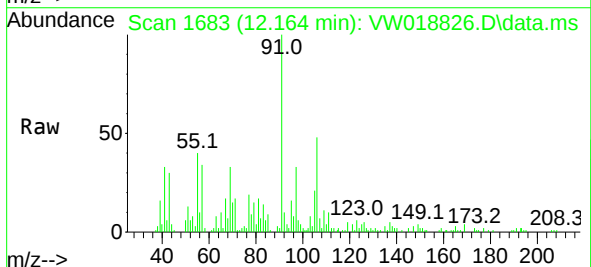
Instrument :
MSVOA_W
ClientSampled :

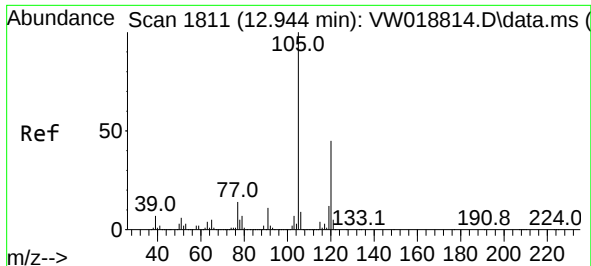
Tgt Ion: 83 Resp: 5236
Ion Ratio Lower Upper
83 100
55 92.3 58.9 88.3#
98 46.8 40.1 60.1



#54
o-Xylene
Concen: 0.65 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW018826.D
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Tgt Ion: 106 Resp: 7391
Ion Ratio Lower Upper
106 100
91 209.2 150.0 278.6

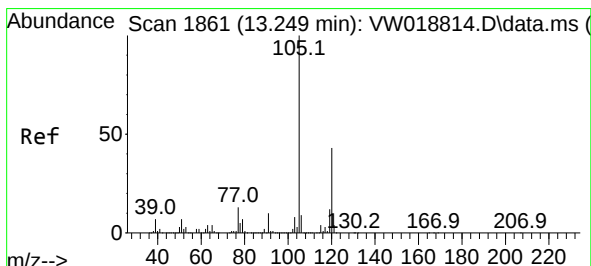
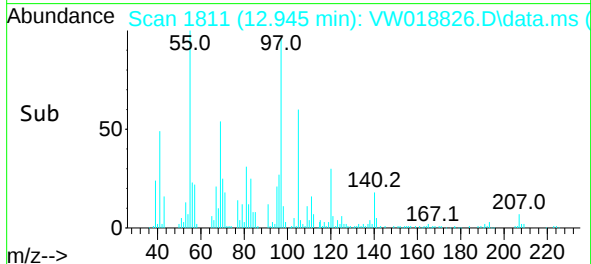
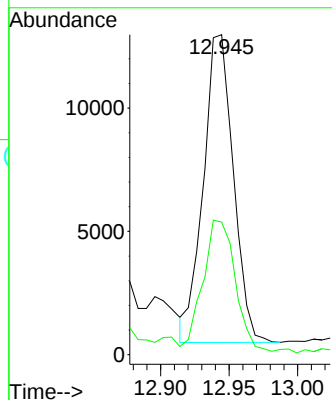
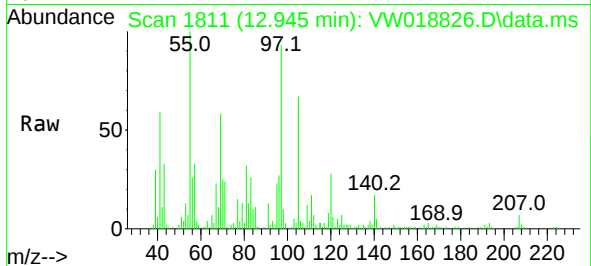




#62
1,3,5-Trimethylbenzene
Concen: 1.06 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW018826.D
Acq: 28 Apr 2021 17:31

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion:105 Resp: 19035
Ion Ratio Lower Upper
105 100
120 45.5 39.0 58.6



#63
1,2,4-Trimethylbenzene
Concen: 1.30 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW018826.D
Acq: 28 Apr 2021 17:31

Tgt Ion:105 Resp: 23422
Ion Ratio Lower Upper
105 100
120 41.8 35.6 53.4

