

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042721\
 Data File : VW018810.D
 Acq On : 27 Apr 2021 17:57
 Operator : SY/VA
 Sample : M2166-03
 Misc : 5.87G/10ML/MSVOA_W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 28 00:44:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Apr 28 00:41:12 2021
 Response via : Initial Calibration

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

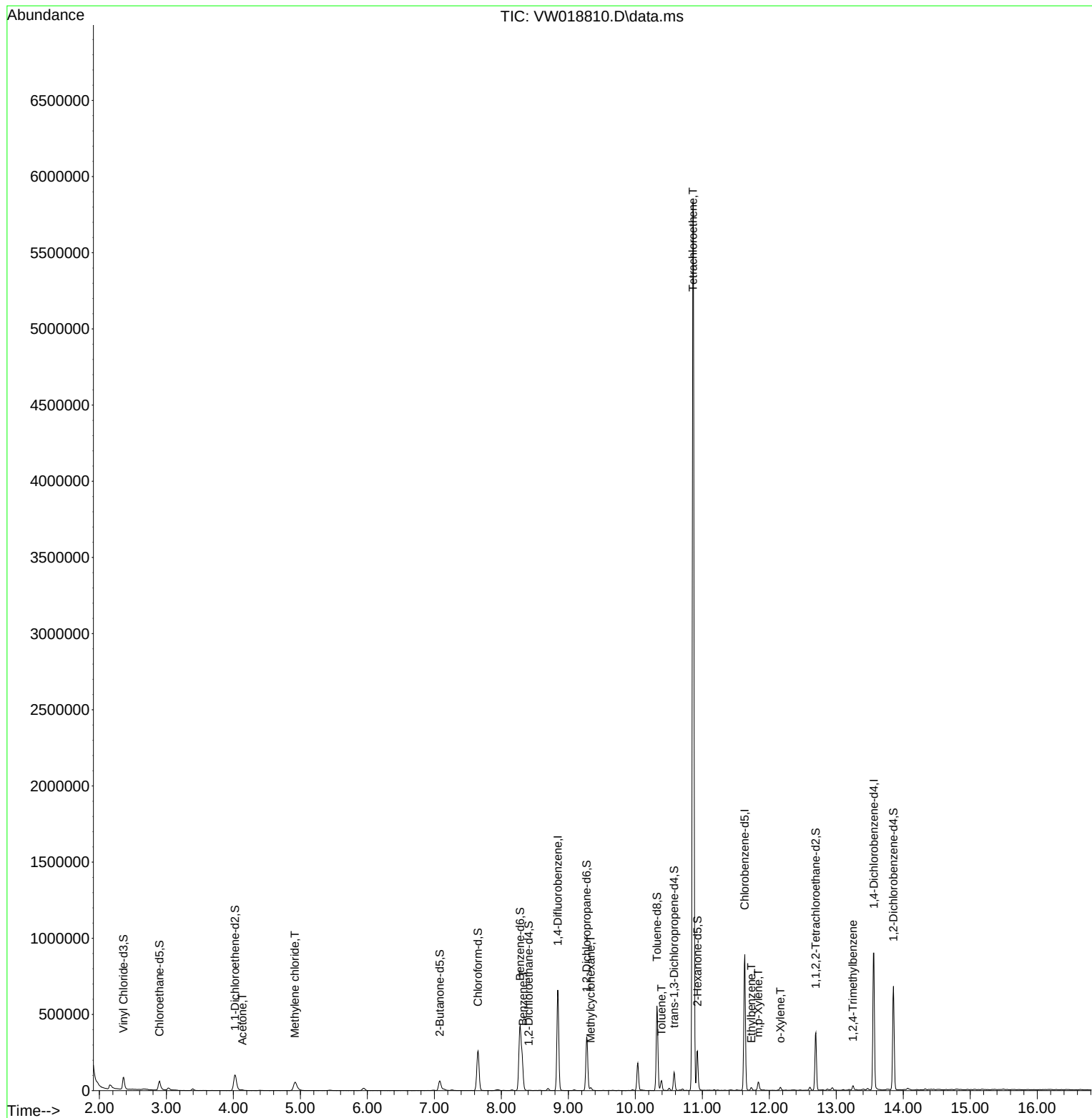
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	543269	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	481241	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	228460	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	78680	9.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	38.12%
7) Chloroethane-d5	2.898	69	77082	10.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	42.12%
11) 1,1-Dichloroethene-d2	4.025	63	114235	7.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	31.88%#
21) 2-Butanone-d5	7.080	46	104186	55.44	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.88%
24) Chloroform-d	7.653	84	264558	17.74	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	70.96%
26) 1,2-Dichloroethane-d4	8.409	65	156	0.02	ug/L	0.10
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.08%#
32) Benzene-d6	8.281	84	438172	15.52	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	62.08%
36) 1,2-Dichloropropane-d6	9.275	67	164228	19.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	77.20%
41) Toluene-d8	10.323	98	364307	14.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	56.44%
43) trans-1,3-Dichloroprop...	10.579	79	67506	18.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.56%
47) 2-Hexanone-d5	10.927	63	93991	63.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.06%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	188700	26.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.24%
66) 1,2-Dichlorobenzene-d4	13.853	152	167802	20.91	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.64%
Target Compounds						
					Qvalue	
13) Acetone	4.135	43	7428	5.45	ug/L	92
16) Methylene chloride	4.916	84	48634	5.46	ug/L	92
33) Benzene	8.323	78	16663	0.55	ug/L	100
35) Methylcyclohexane	9.336	83	7021	0.52	ug/L	98
42) Toluene	10.390	91	47919	1.48	ug/L	100
46) Tetrachloroethene	10.860	164	1294930	235.54	ug/L	95
52) Ethylbenzene	11.731	91	12433	0.35	ug/L	92
53) m,p-Xylene	11.835	106	13780	1.05	ug/L	73
54) o-Xylene	12.164	106	5069	0.40	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	16291	0.59	ug/L	94

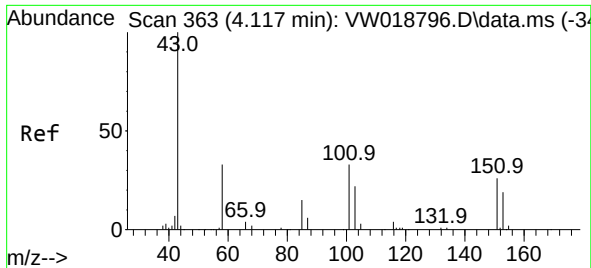
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Wed Apr 28 00:41:12 2021
Response via : Initial Calibration

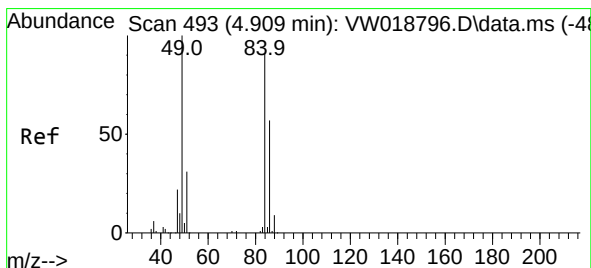
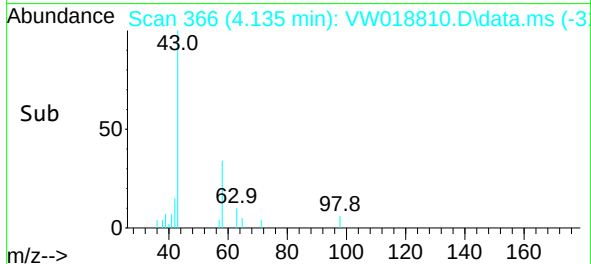
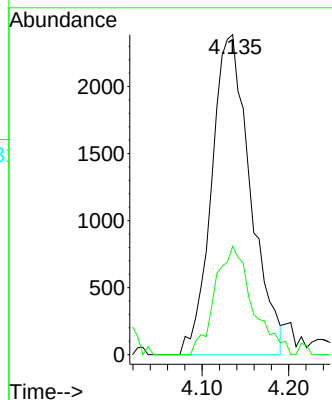
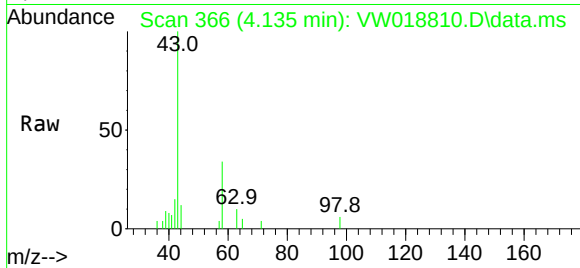




#13
Acetone
Concen: 5.45 ug/L
RT: 4.135 min Scan# 366
Delta R.T. 0.018 min
Lab File: VW018810.D
Acq: 27 Apr 2021 17:57

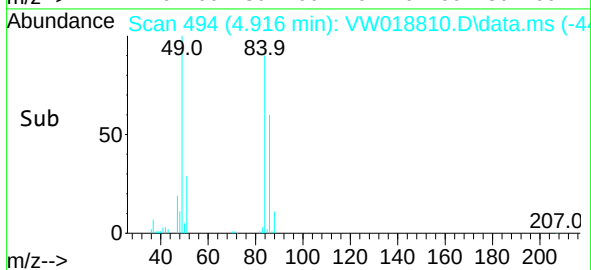
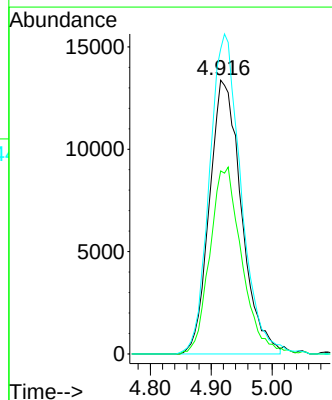
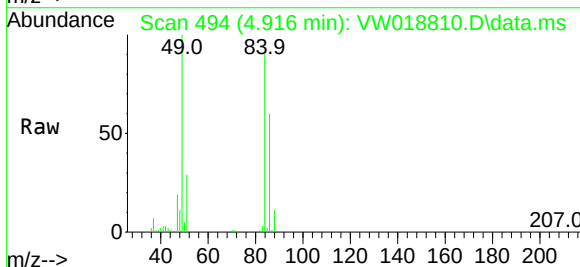
Instrument :
MSVOA_W
ClientSampled :

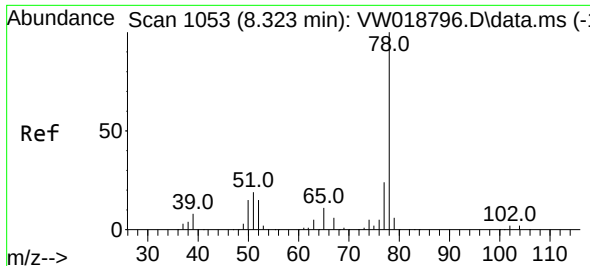
Tgt Ion: 43 Resp: 7428
Ion Ratio Lower Upper
43 100
58 30.9 0.0 53.8



#16
Methylene chloride
Concen: 5.46 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.006 min
Lab File: VW018810.D
Acq: 27 Apr 2021 17:57

Tgt Ion: 84 Resp: 48634
Ion Ratio Lower Upper
84 100
86 66.8 45.3 84.1
49 111.4 86.6 160.8

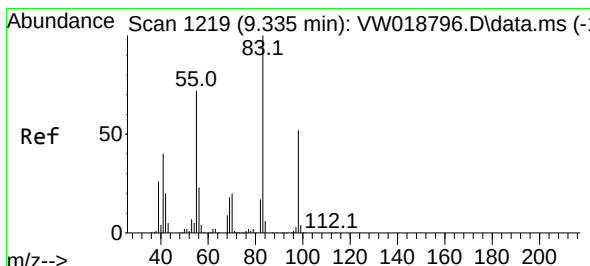
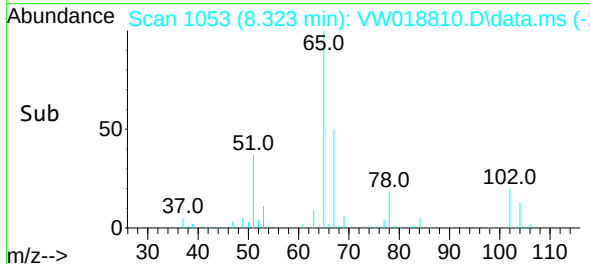
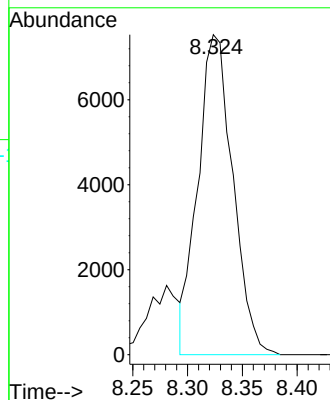
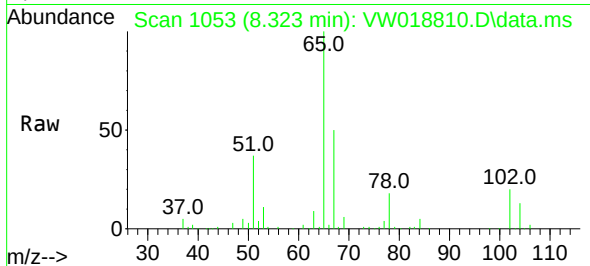




#33
Benzene
Concen: 0.55 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW018810.D
Acq: 27 Apr 2021 17:57

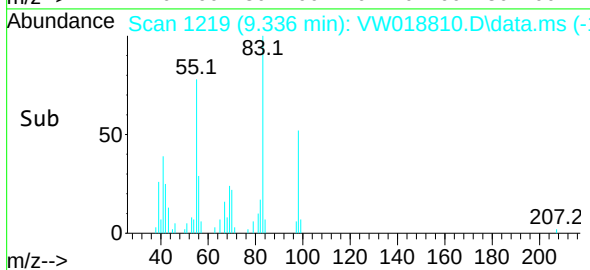
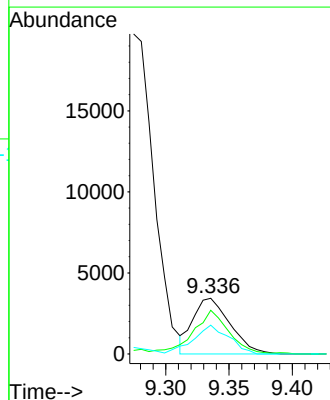
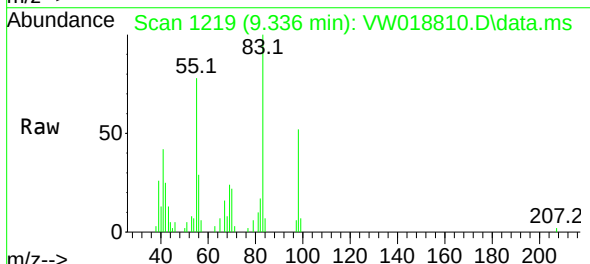
Tgt Ion: 78 Resp: 16663

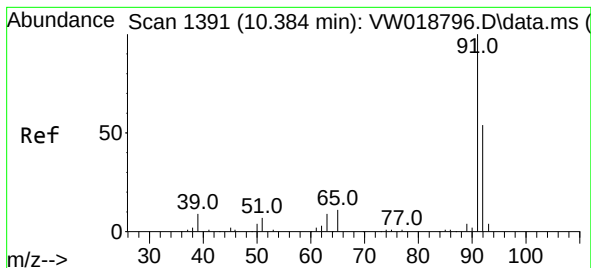
Instrument :
MSVOA_W
ClientSampleId :



#35
Methylcyclohexane
Concen: 0.52 ug/L
RT: 9.336 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW018810.D
Acq: 27 Apr 2021 17:57

Tgt Ion: 83 Resp: 7021
Ion Ratio Lower Upper
83 100
55 75.7 58.9 88.3
98 49.2 40.1 60.1





#42

Toluene

Concen: 1.48 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.006 min

Lab File: VW018810.D

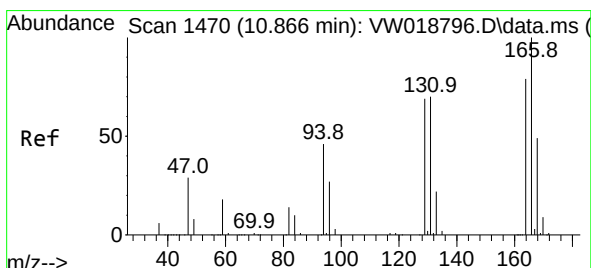
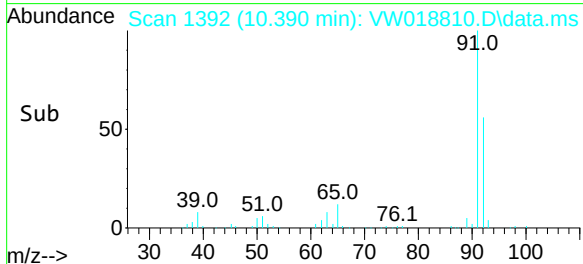
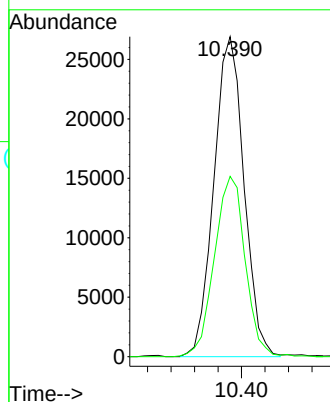
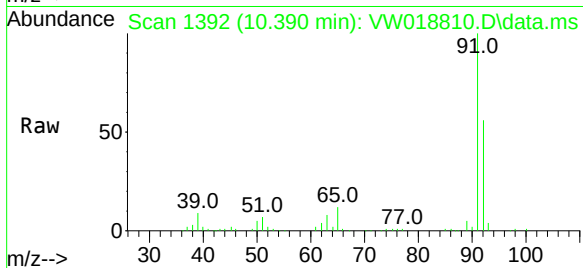
Acq: 27 Apr 2021 17:57

Tgt Ion: 91 Resp: 47919

Ion Ratio Lower Upper

91 100

92 56.3 39.5 73.3



#46

Tetrachloroethene

Concen: 235.54 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. -0.006 min

Lab File: VW018810.D

Acq: 27 Apr 2021 17:57

Tgt Ion: 164 Resp: 1294930

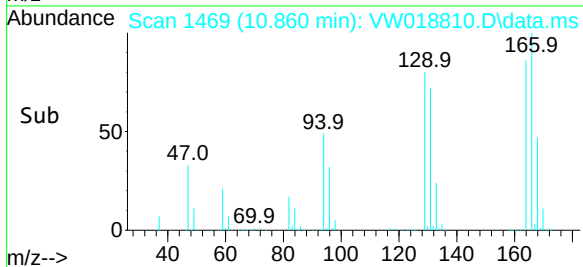
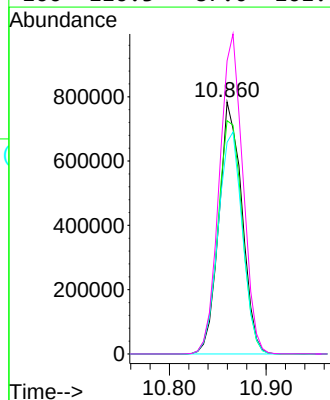
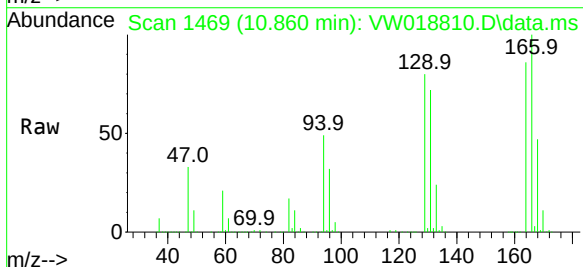
Ion Ratio Lower Upper

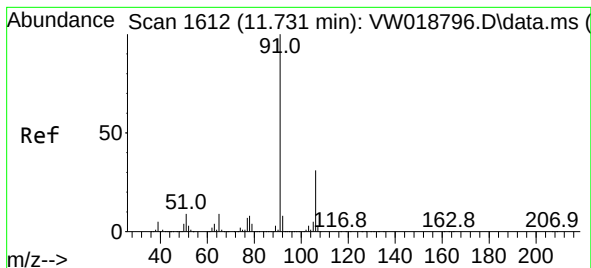
164 100

129 92.5 66.7 123.9

131 84.0 61.1 113.5

166 116.3 87.0 161.6

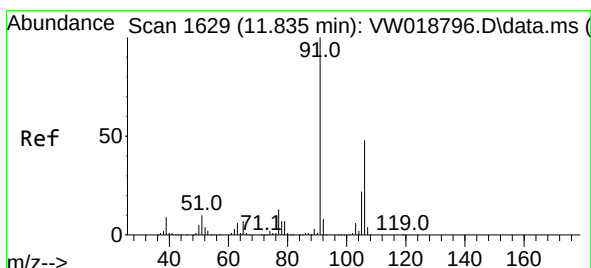
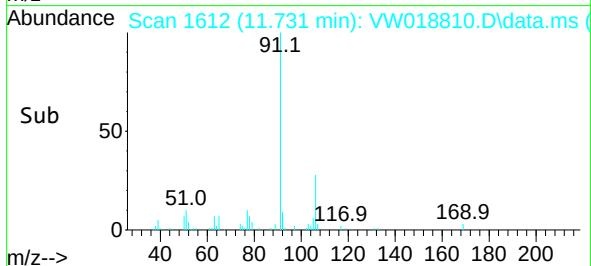
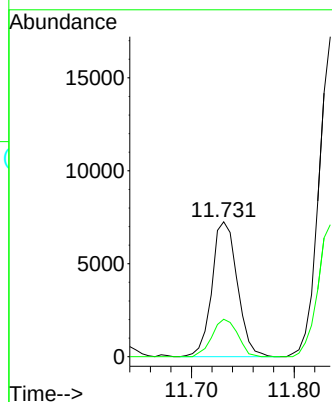
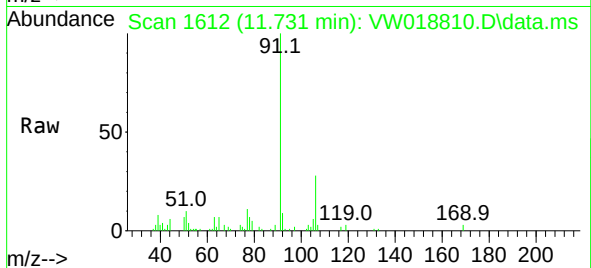




#52
Ethylbenzene
Concen: 0.35 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW018810.D
Acq: 27 Apr 2021 17:57

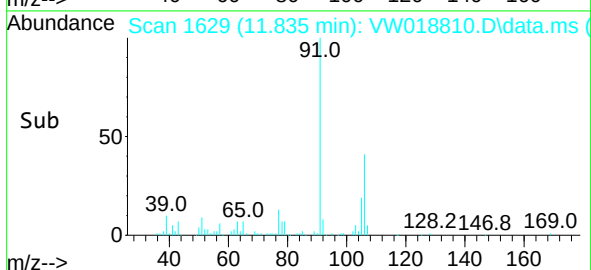
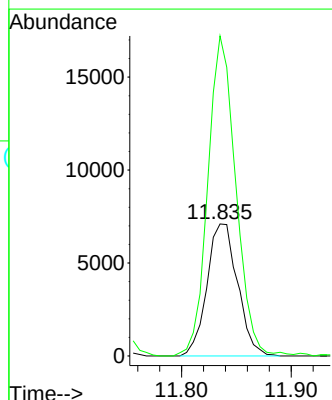
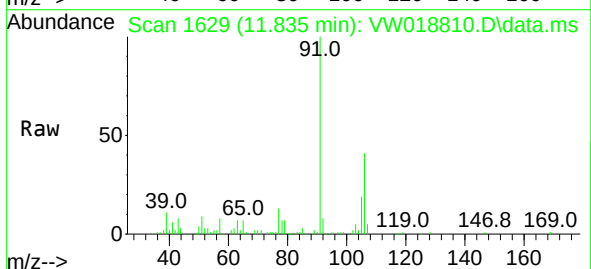
Instrument :
MSVOA_W
ClientSampled :

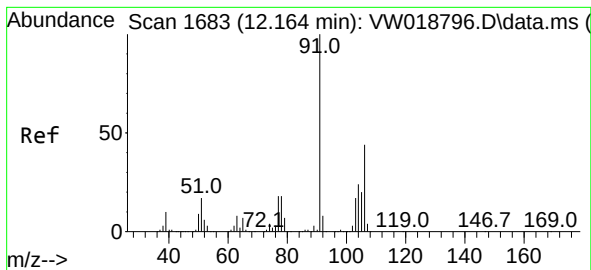
Tgt Ion: 91 Resp: 12433
Ion Ratio Lower Upper
91 100
106 27.8 22.5 41.7



#53
m,p-Xylene
Concen: 1.05 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW018810.D
Acq: 27 Apr 2021 17:57

Tgt Ion:106 Resp: 13780
Ion Ratio Lower Upper
106 100
91 242.4 141.3 262.3

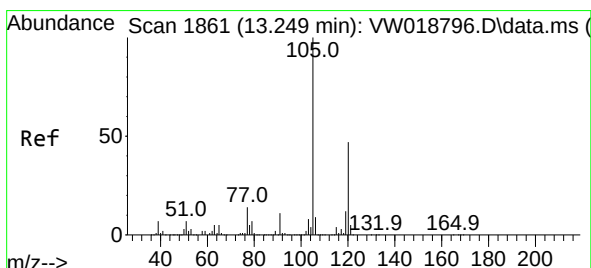
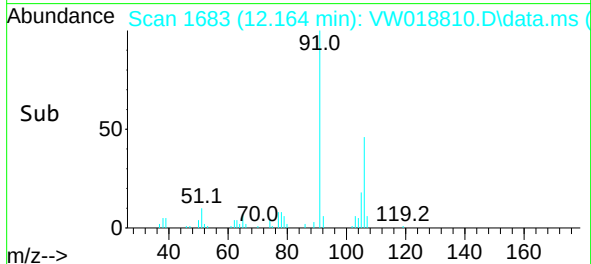
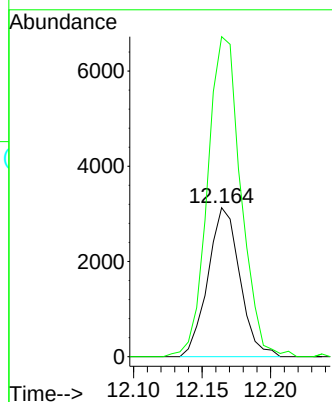
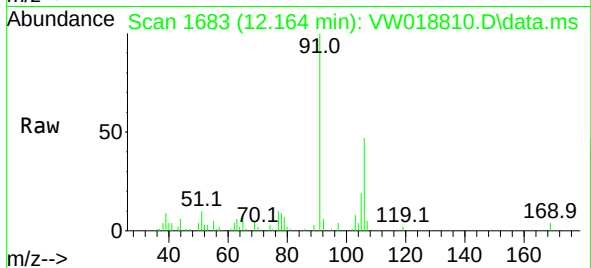




#54
o-Xylene
Concen: 0.40 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW018810.D
Acq: 27 Apr 2021 17:57

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion:106 Resp: 5069
Ion Ratio Lower Upper
106 100
91 214.7 150.0 278.6



#63
1,2,4-Trimethylbenzene
Concen: 0.59 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW018810.D
Acq: 27 Apr 2021 17:57

Tgt Ion:105 Resp: 16291
Ion Ratio Lower Upper
105 100
120 40.3 35.6 53.4

