

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
 Data File : VW018710.D
 Acq On : 21 Apr 2021 14:21
 Operator : SY/VA
 Sample : M2065-15RE
 Misc : 3.53G/10ML/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG568RE

Quant Time: Apr 22 01:22:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Apr 22 01:20:40 2021
 Response via : Initial Calibration

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

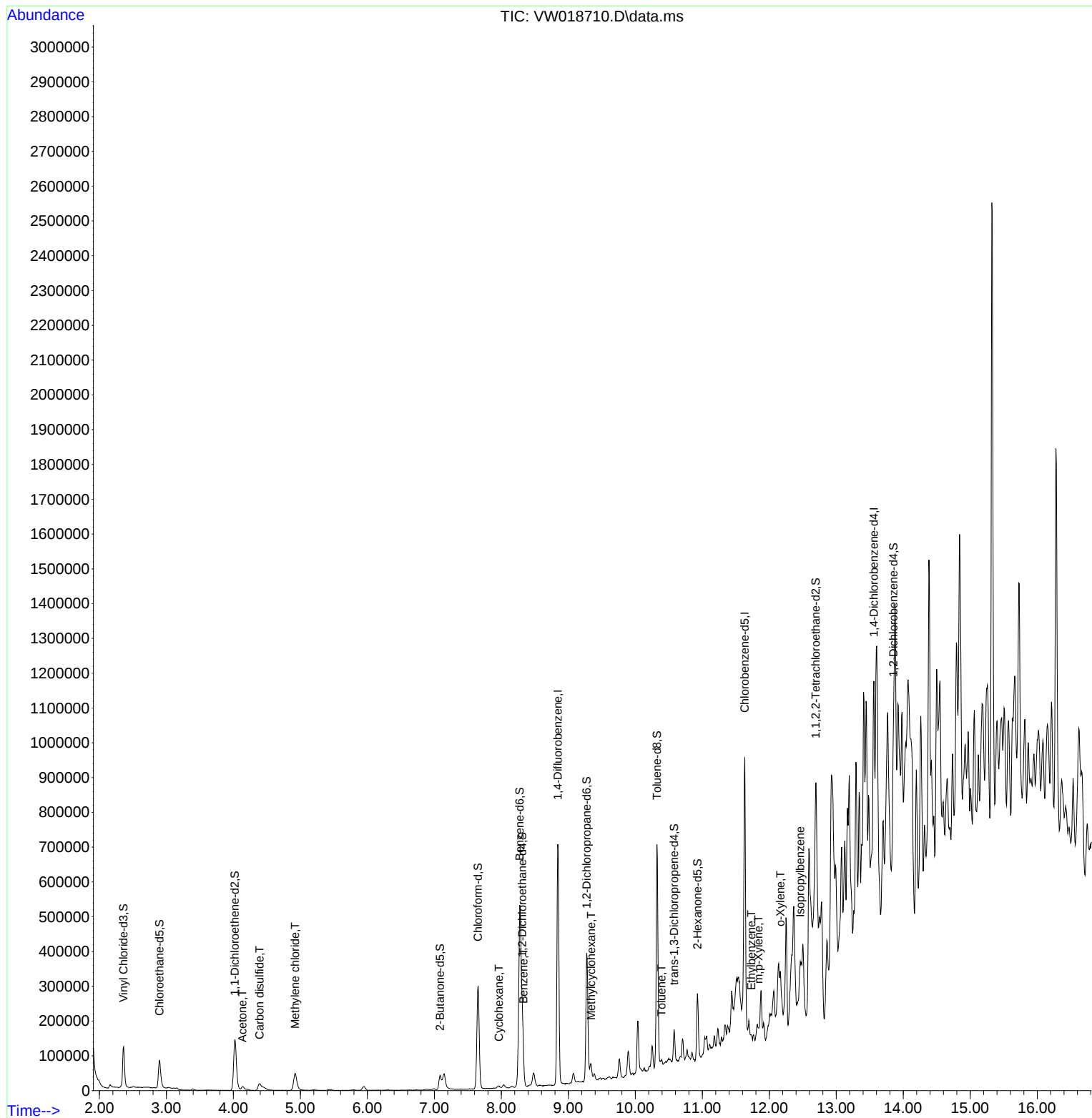
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	595550	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	419214	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	141586	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	124201	13.72	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	54.88%		
7) Chloroethane-d5	2.898	69	109899	13.70	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	54.80%		
11) 1,1-Dichloroethene-d2	4.019	63	157893	10.05	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	40.20%#		
21) 2-Butanone-d5	7.086	46	71044	34.49	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	68.98%		
24) Chloroform-d	7.653	84	301511	18.45	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	73.80%		
26) 1,2-Dichloroethane-d4	8.311	65	155371	16.91	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	67.64%#		
32) Benzene-d6	8.275	84	519276	21.12	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	84.48%		
36) 1,2-Dichloropropane-d6	9.274	67	174568	23.55	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	94.20%		
41) Toluene-d8	10.323	98	409374	18.20	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	72.80%		
43) trans-1,3-Dichloroprop...	10.579	79	53760	17.04	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	68.16%		
47) 2-Hexanone-d5	10.927	63	61312	47.58	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	95.16%		
56) 1,1,2,2-Tetrachloroeth...	12.695	84	116359	18.80	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	75.20%		
66) 1,2-Dichlorobenzene-d4	13.853	152	95095	19.12	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	76.48%		
Target Compounds					Qvalue	
13) Acetone	4.135	43	18903	12.64	ug/L	83
14) Carbon disulfide	4.391	76	42444	1.82	ug/L	99
16) Methylene chloride	4.922	84	41247	4.23	ug/L	87
29) Cyclohexane	7.964	56	3096	0.30	ug/L	99
33) Benzene	8.330	78	37228	1.41	ug/L	100
35) Methylcyclohexane	9.342	83	13331	1.13	ug/L #	66
42) Toluene	10.390	91	10681	0.38	ug/L	89
52) Ethylbenzene	11.731	91	14167	0.45	ug/L	86
53) m,p-Xylene	11.841	106	10328	0.90	ug/L	81
54) o-Xylene	12.164	106	28366	2.58	ug/L	92
60) Isopropylbenzene	12.463	105	49192	2.36	ug/L	98

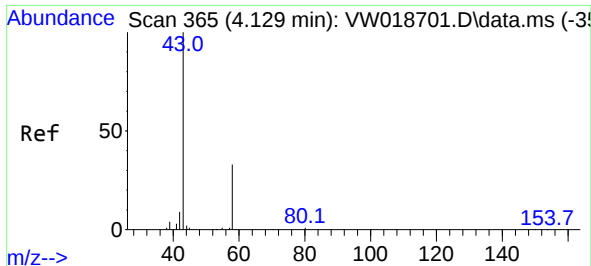
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Thu Apr 22 01:20:40 2021
Response via : Initial Calibration

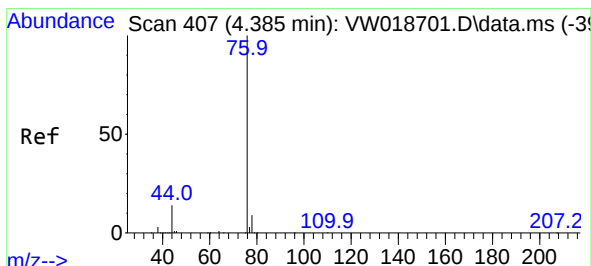
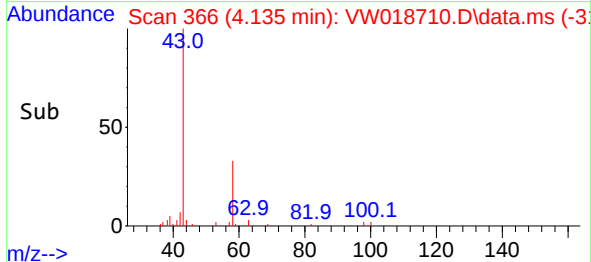
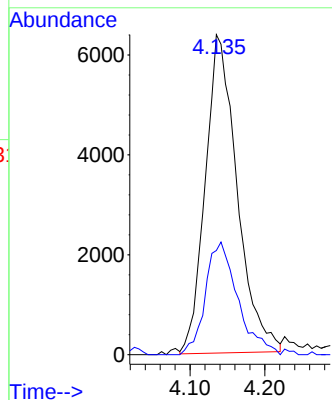
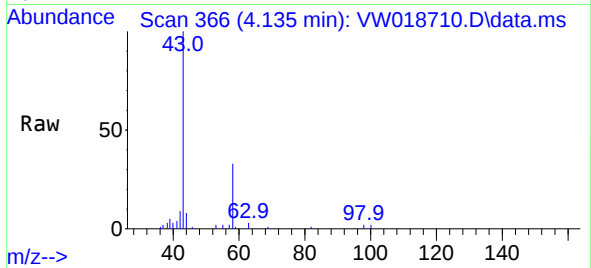




#13
Acetone
Concen: 12.64 ug/L
RT: 4.135 min Scan# 366
Delta R.T. 0.006 min
Lab File: VW018710.D
Acq: 21 Apr 2021 14:21

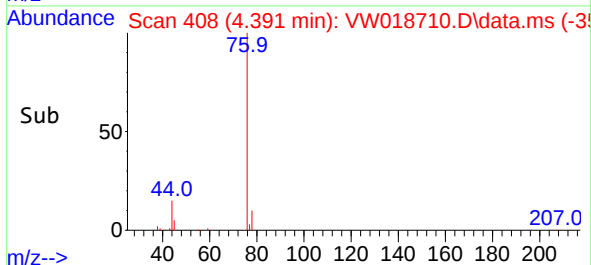
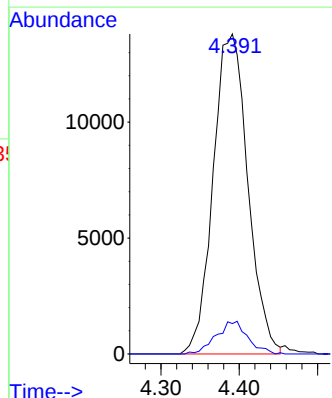
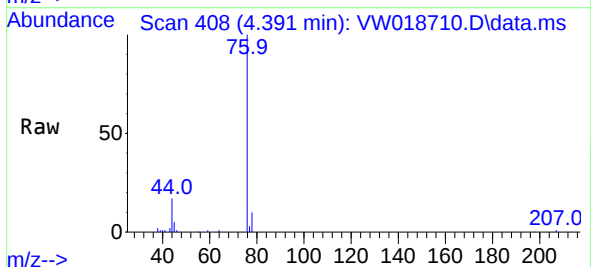
Instrument :
MSVOA_W
ClientSampled :
BG568RE

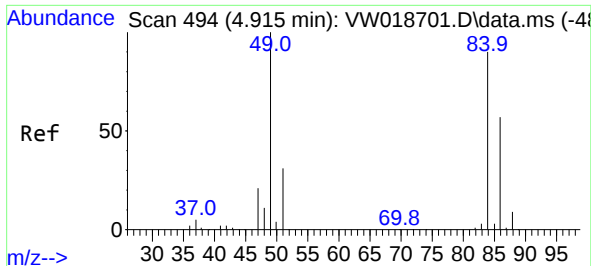
Tgt Ion: 43 Resp: 18903
Ion Ratio Lower Upper
43 100
58 35.9 0.0 53.8



#14
Carbon disulfide
Concen: 1.82 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
Lab File: VW018710.D
Acq: 21 Apr 2021 14:21

Tgt Ion: 76 Resp: 42444
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0



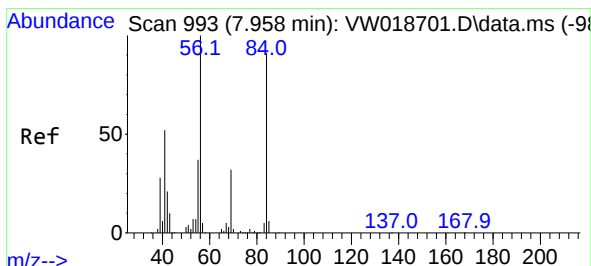
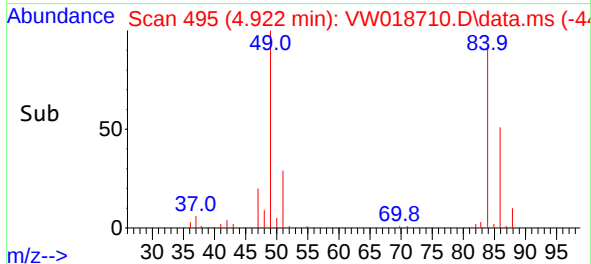
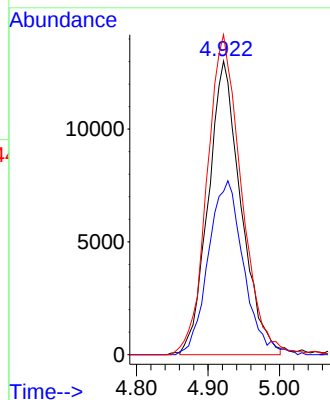
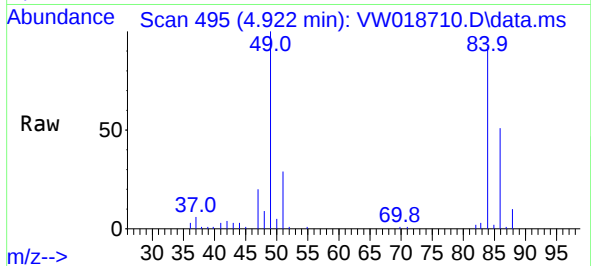


#16
Methylene chloride
Concen: 4.23 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018710.D
Acq: 21 Apr 2021 14:21

Instrument :
MSVOA_W
ClientSampled :
BG568RE

Tgt Ion: 84 Resp: 41247

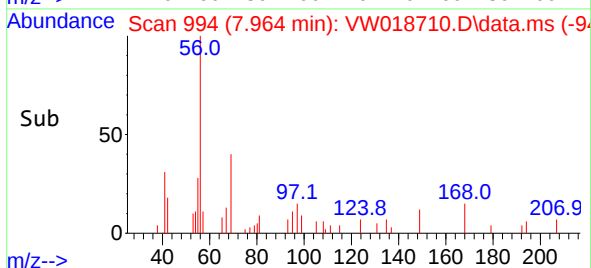
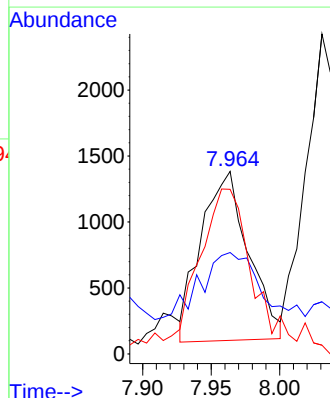
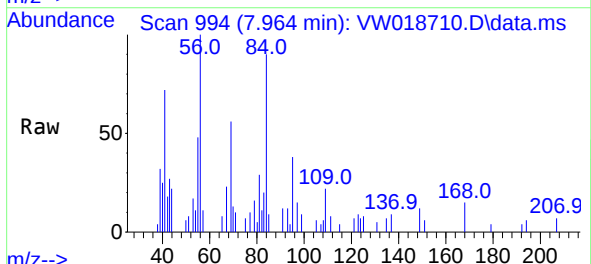
Ion	Ratio	Lower	Upper
84	100		
86	55.6	45.3	84.1
49	109.0	86.6	160.8

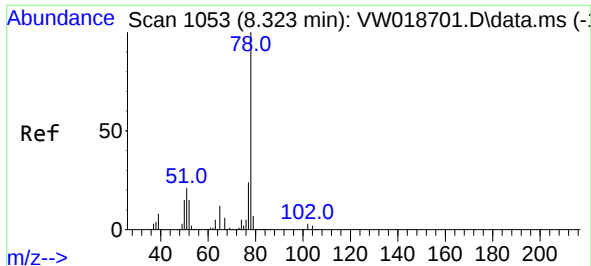


#29
Cyclohexane
Concen: 0.30 ug/L
RT: 7.964 min Scan# 994
Delta R.T. 0.006 min
Lab File: VW018710.D
Acq: 21 Apr 2021 14:21

Tgt Ion: 56 Resp: 3096

Ion	Ratio	Lower	Upper
56	100		
69	33.3	24.5	36.7
84	93.6	75.0	112.4

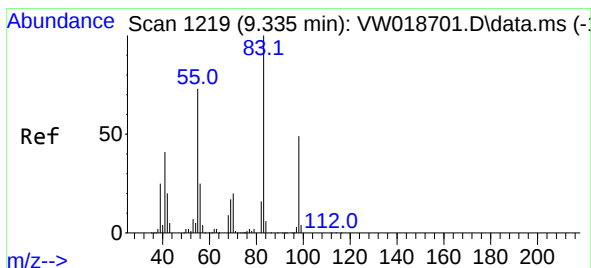
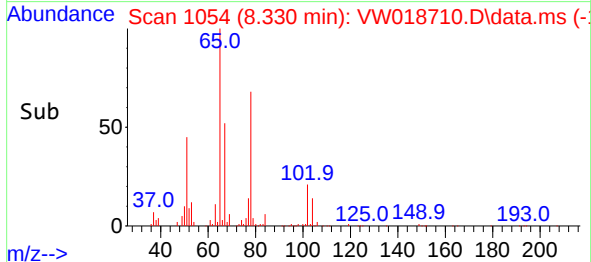
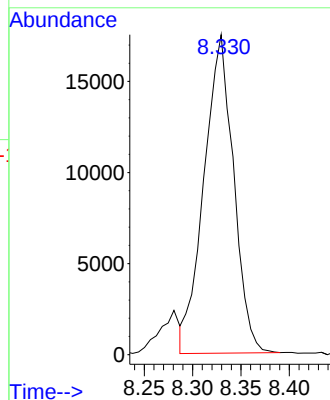
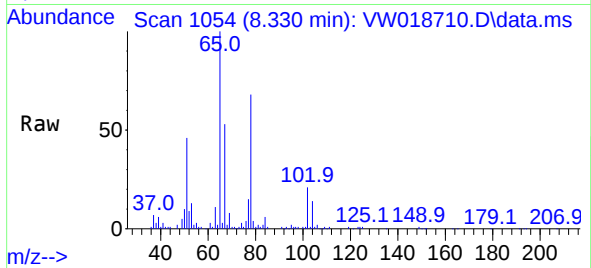




#33
Benzene
Concen: 1.41 ug/L
RT: 8.330 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VW018710.D
Acq: 21 Apr 2021 14:21

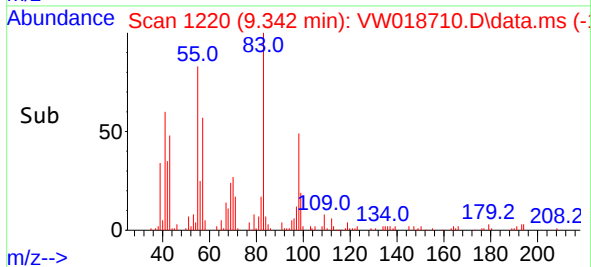
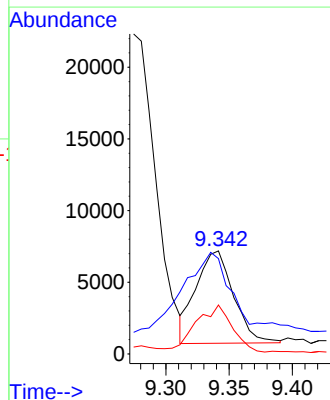
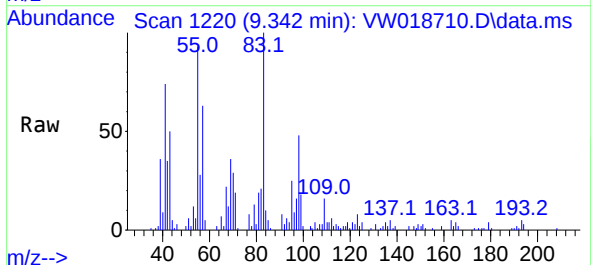
Instrument :
MSVOA_W
ClientSampleId :
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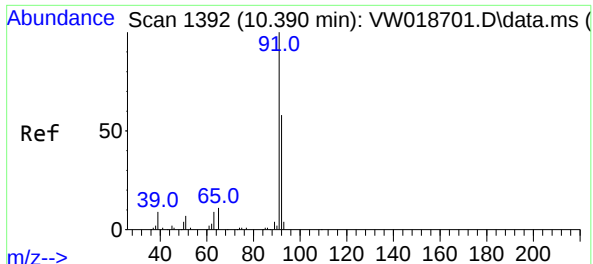
Tgt Ion: 78 Resp: 37228



#35
Methylcyclohexane
Concen: 1.13 ug/L
RT: 9.342 min Scan# 1220
Delta R.T. 0.006 min
Lab File: VW018710.D
Acq: 21 Apr 2021 14:21

Tgt Ion: 83 Resp: 13331
Ion Ratio Lower Upper
83 100
55 120.7 58.9 88.3#
98 49.1 40.1 60.1

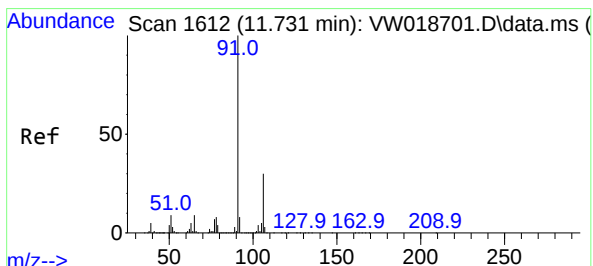
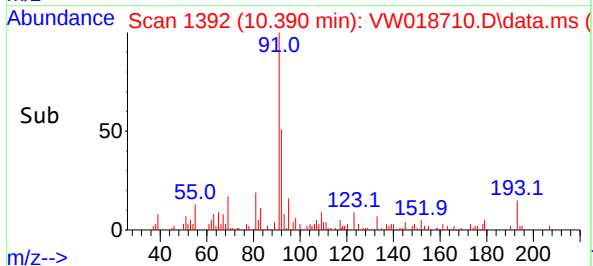
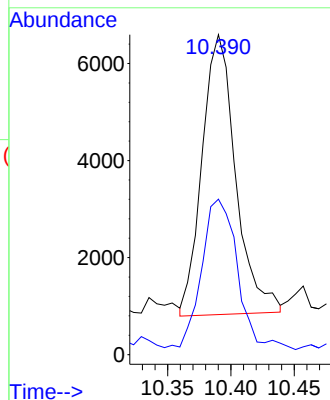
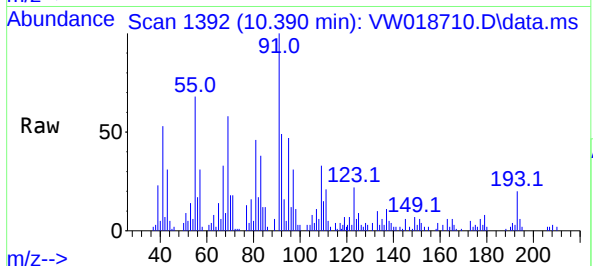




#42
Toluene
Concen: 0.38 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW018710.D
Acq: 21 Apr 2021 14:21

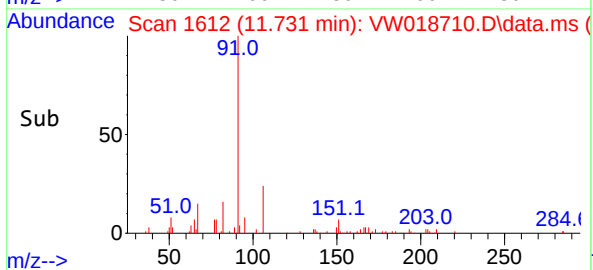
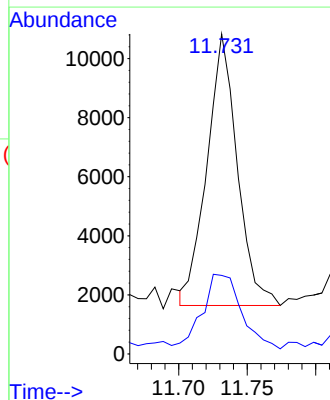
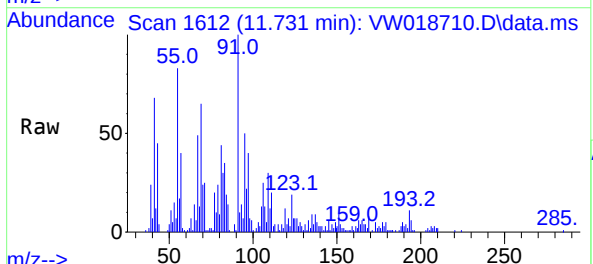
Instrument :
MSVOA_W
ClientSampled :
BG568RE

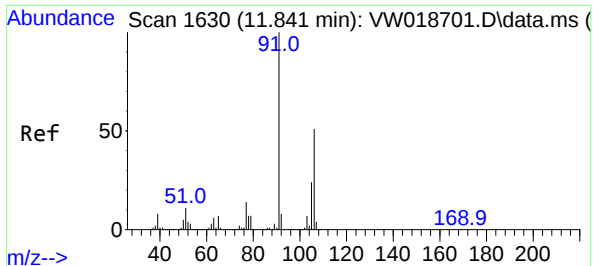
Tgt Ion: 91 Resp: 10681
Ion Ratio Lower Upper
91 100
92 48.6 39.5 73.3



#52
Ethylbenzene
Concen: 0.45 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW018710.D
Acq: 21 Apr 2021 14:21

Tgt Ion: 91 Resp: 14167
Ion Ratio Lower Upper
91 100
106 24.5 22.5 41.7

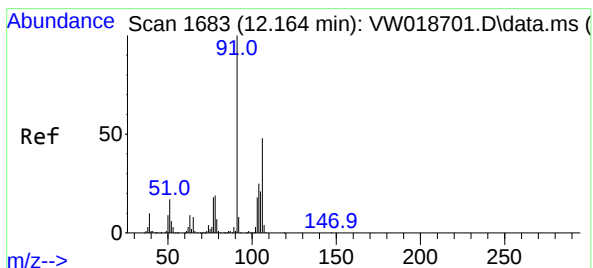
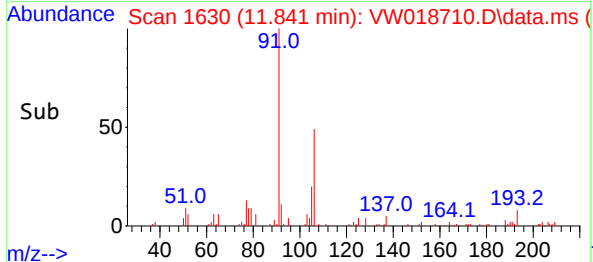
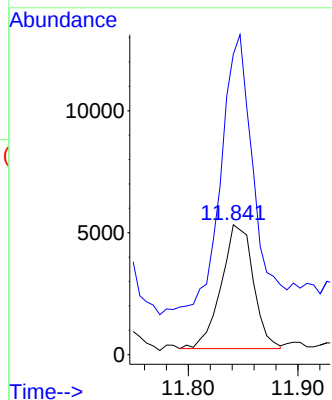
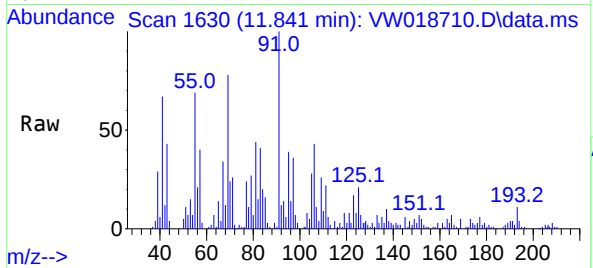




#53
m,p-Xylene
Concen: 0.90 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW018710.D
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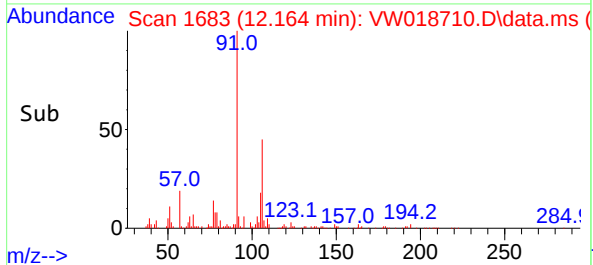
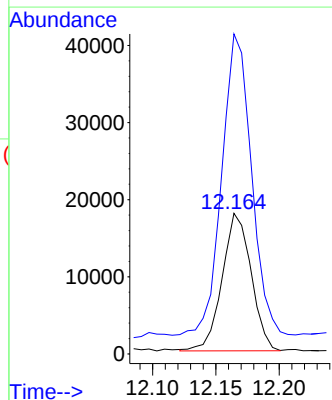
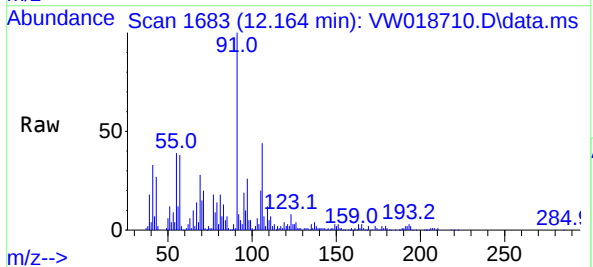
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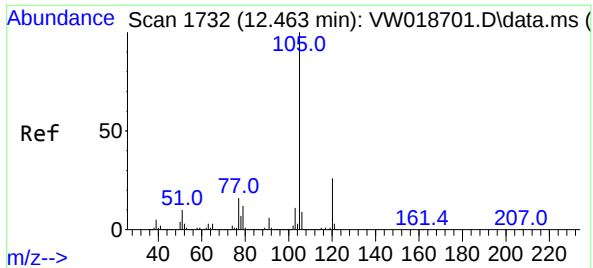
Tgt Ion:106 Resp: 10328
Ion Ratio Lower Upper
106 100
91 231.2 141.3 262.3



#54
o-Xylene
Concen: 2.58 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW018710.D
Acq: 21 Apr 2021 14:21

Tgt Ion:106 Resp: 28366
Ion Ratio Lower Upper
106 100
91 227.6 150.0 278.6





#60
Isopropylbenzene
Concen: 2.36 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW018710.D
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Instrument :
MSVOA_W
ClientSampleId :
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Tgt Ion:	105	Resp:	49192
Ion	Ratio	Lower	Upper
105	100		
120	26.1	21.1	31.7
77	18.8	13.2	19.8

