

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021221\
 Data File : VW018119.D
 Acq On : 12 Feb 2021 18:47
 Operator : SY/VA
 Sample : M1370-14
 Misc : 6.48G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBGZ0

Quant Time: Feb 12 22:48:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 12 22:41:34 2021
 Response via : Initial Calibration

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

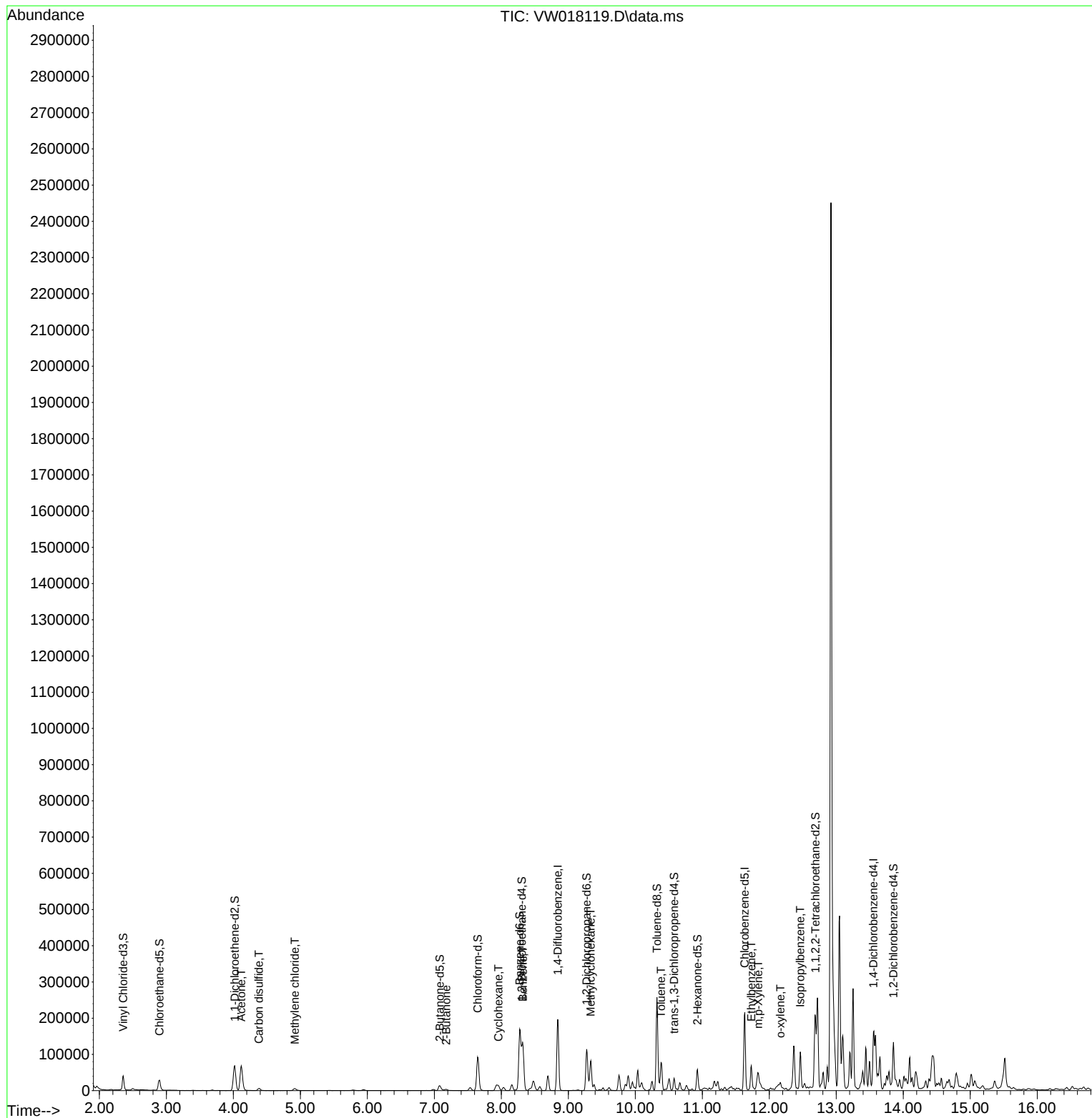
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	177990	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	130071	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	43537	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	40815	18.45	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	73.80%		
7) Chloroethane-d5	2.898	69	37179	21.18	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	84.72%		
10) 1,1-Dichloroethene-d2	4.019	63	63699	14.40	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	57.60%		
20) 2-Butanone-d5	7.080	46	23500	39.81	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	79.62%		
24) Chloroform-d	7.647	84	96130	20.58	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	82.32%		
26) 1,2-Dichloroethane-d4	8.305	65	50783	20.41	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	81.64%		
29) Benzene-d6	8.275	84	182255	25.52	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	102.08%		
33) 1,2-Dichloropropane-d6	9.274	67	53476	26.77	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	107.08%		
37) Toluene-d8	10.323	98	156285	23.00	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	92.00%		
38) trans-1,3-Dichloroprop...	10.579	79	18769	20.73	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	82.92%		
39) 2-Hexanone-d5	10.927	63	19251	50.41	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	100.82%		
48) 1,1,2,2-Tetrachloroeth...	12.688	84	38610	22.00	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	88.00%		
61) 1,2-Dichlorobenzene-d4	13.853	152	34968	22.51	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	90.04%		
Target Compounds					Qvalue	
13) Acetone	4.117	43	114865	263.01	ug/L	99
14) Carbon disulfide	4.379	76	10343	1.49	ug/L	96
16) Methylene chloride	4.915	84	4653	1.63	ug/L	83
21) 2-Butanone	7.177	43	5783	8.70	ug/L	100
30) Cyclohexane	7.958	56	9414	3.16	ug/L	88
34) Benzene	8.323	78	98789	12.99	ug/L	100
36) Methylcyclohexane	9.335	83	30320	8.42	ug/L	90
44) Toluene	10.384	91	59400	7.10	ug/L	98
53) Ethylbenzene	11.731	91	46992	4.94	ug/L	99
54) m,p-Xylene	11.835	106	10900	3.01	ug/L	90
55) o-xylene	12.164	106	5012	1.46	ug/L	95
57) Isopropylbenzene	12.463	105	62069	6.48	ug/L	97

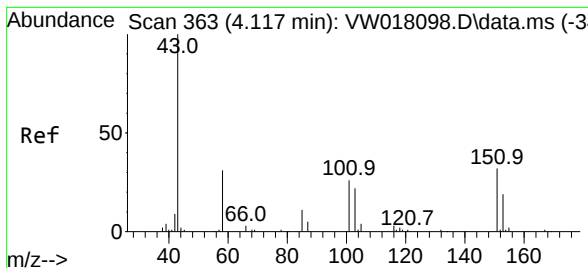
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021221\
Data File : VW018119.D
Acq On : 12 Feb 2021 18:47
Operator : SY/VA
Sample : M1370-14
Misc : 6.48G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBGZ0

Quant Time: Feb 12 22:48:35 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 12 22:41:34 2021
Response via : Initial Calibration





#13

Acetone

Concen: 263.01 ug/L

RT: 4.117 min Scan# 363

Delta R.T. 0.000 min

Lab File: VW018119.D

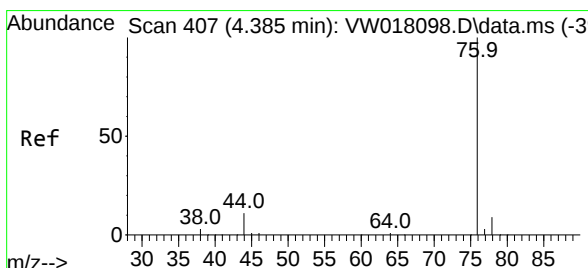
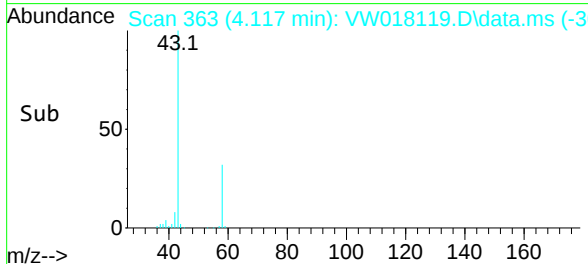
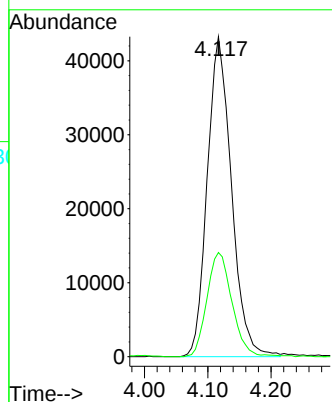
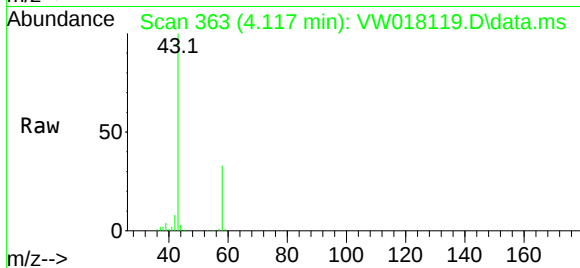
Acq: 12 Feb 2021 18:47

Tgt Ion: 43 Resp: 114865

Ion Ratio Lower Upper

43 100

58 33.4 0.0 68.4



#14

Carbon disulfide

Concen: 1.49 ug/L

RT: 4.379 min Scan# 406

Delta R.T. -0.006 min

Lab File: VW018119.D

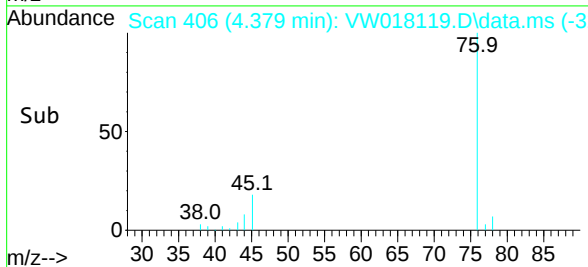
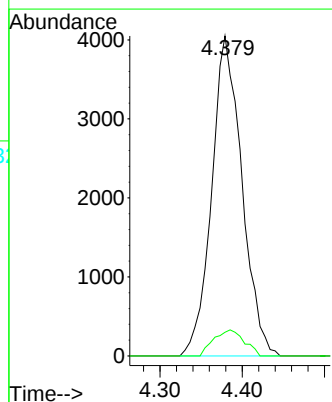
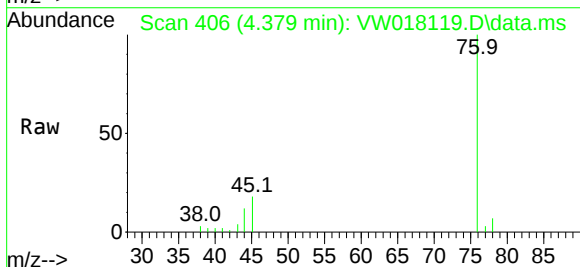
Acq: 12 Feb 2021 18:47

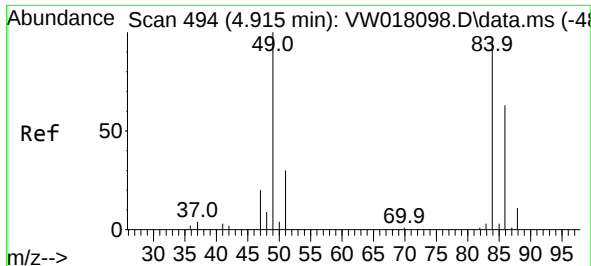
Tgt Ion: 76 Resp: 10343

Ion Ratio Lower Upper

76 100

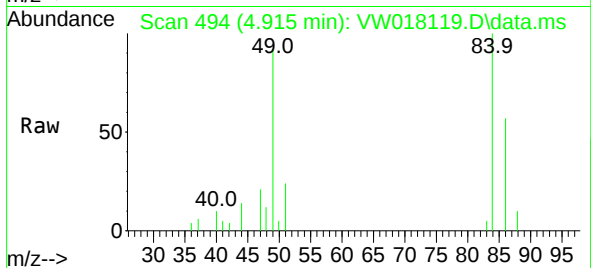
78 7.4 7.0 10.4



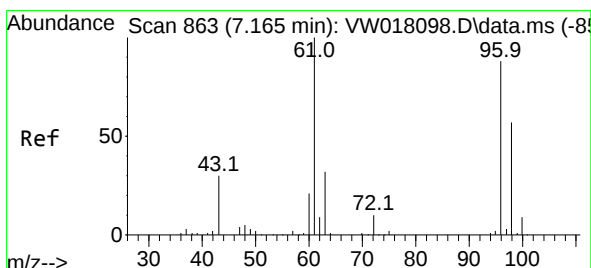
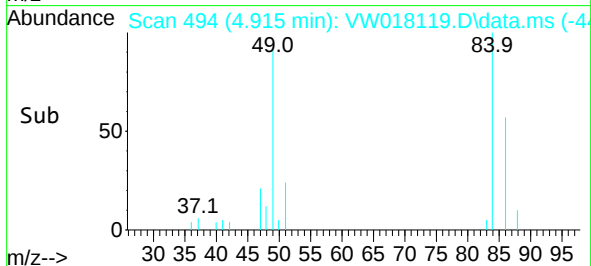
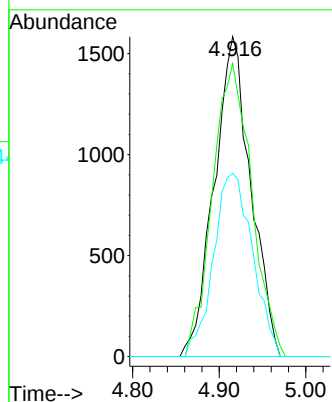


#16
Methylene chloride
Concen: 1.63 ug/L
RT: 4.915 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW018119.D
Acq: 12 Feb 2021 18:47

Instrument :
MSVOA_W
ClientSampled :
DBGZ0

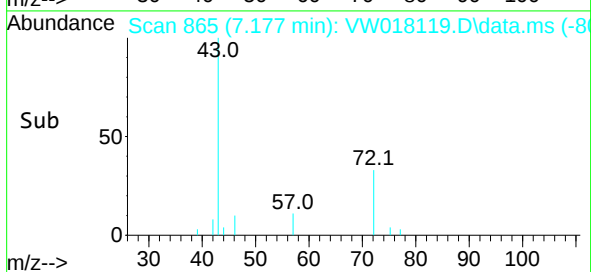
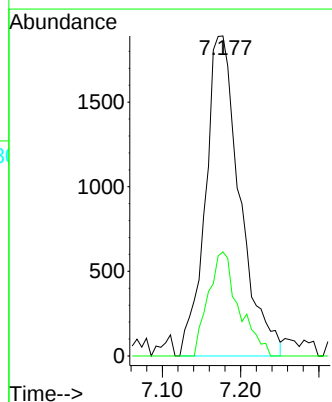
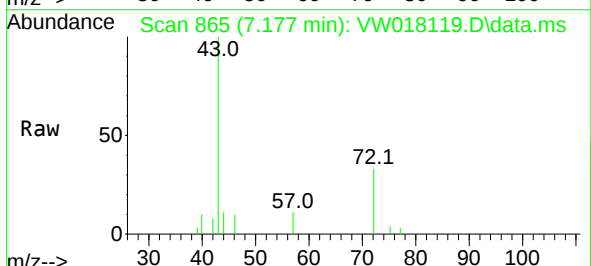


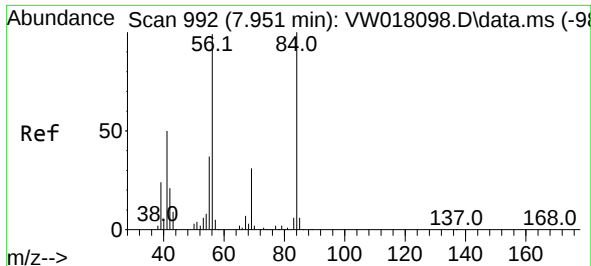
Tgt Ion:	84	Resp:	4653
Ion	Ratio	Lower	Upper
84	100		
49	91.6	81.2	150.8
86	57.3	44.5	82.7



#21
2-Butanone
Concen: 8.70 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.012 min
Lab File: VW018119.D
Acq: 12 Feb 2021 18:47

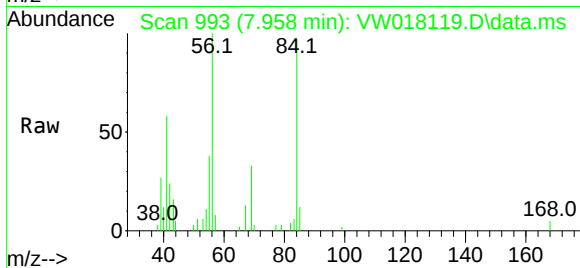
Tgt Ion:	43	Resp:	5783
Ion	Ratio	Lower	Upper
43	100		
72	28.8	14.4	43.2



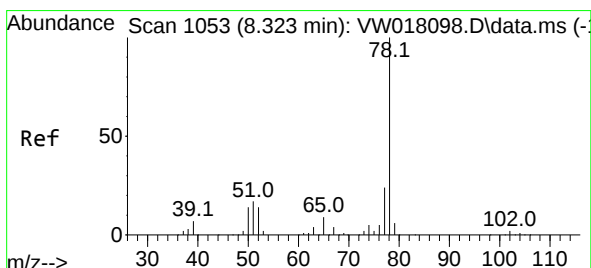
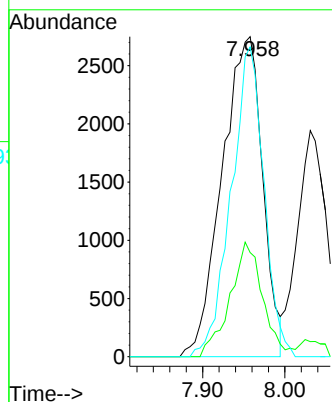
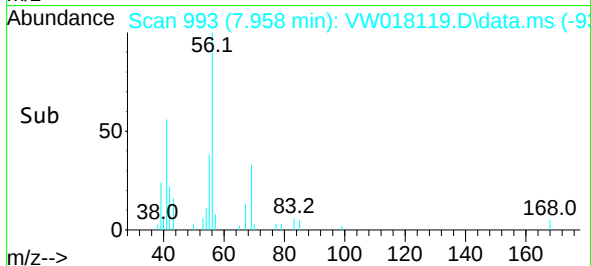


#30
Cyclohexane
Concen: 3.16 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.006 min
Lab File: VW018119.D
Acq: 12 Feb 2021 18:47

Instrument :
MSVOA_W
ClientSampleId :
DBGZ0

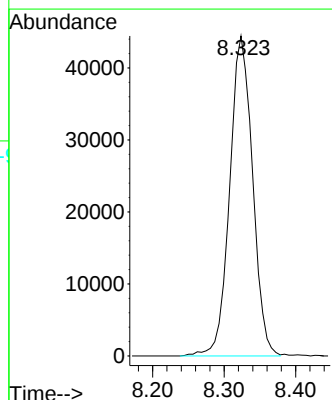
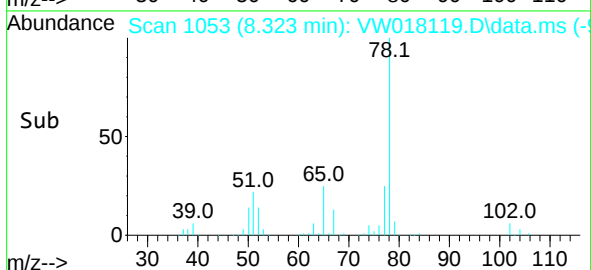
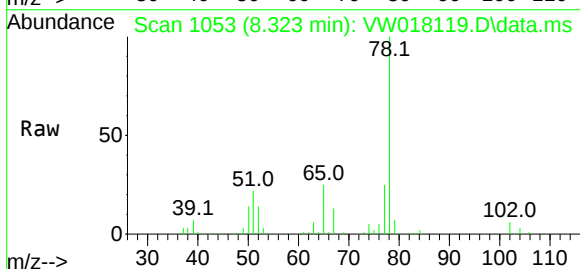


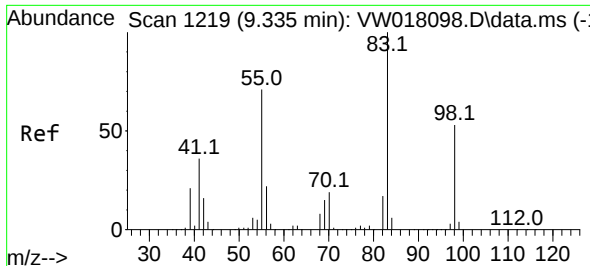
Tgt Ion: 56 Resp: 9414
Ion Ratio Lower Upper
56 100
69 28.5 24.8 37.2
84 78.3 74.2 111.4



#34
Benzene
Concen: 12.99 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW018119.D
Acq: 12 Feb 2021 18:47

Tgt Ion: 78 Resp: 98789

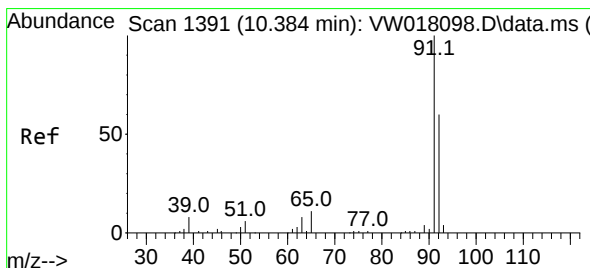
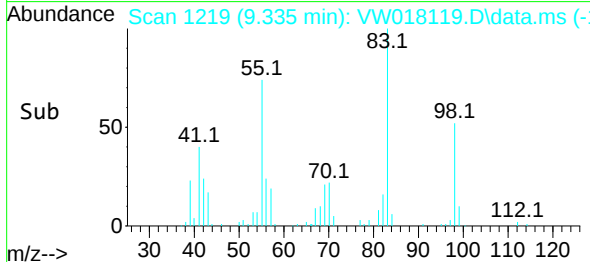
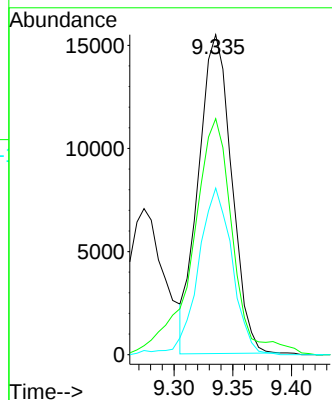
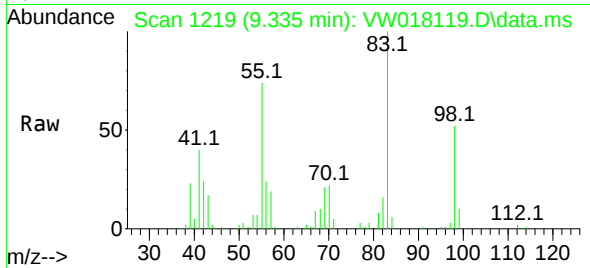




#36
Methylcyclohexane
Concen: 8.42 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW018119.D
Acq: 12 Feb 2021 18:47

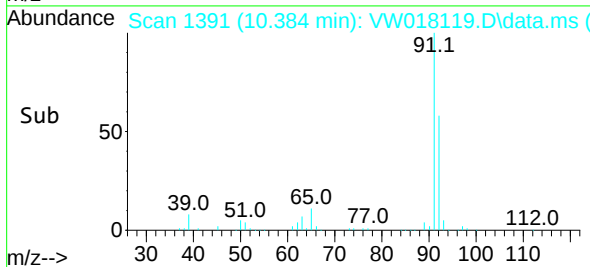
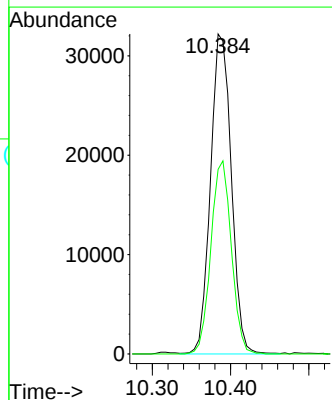
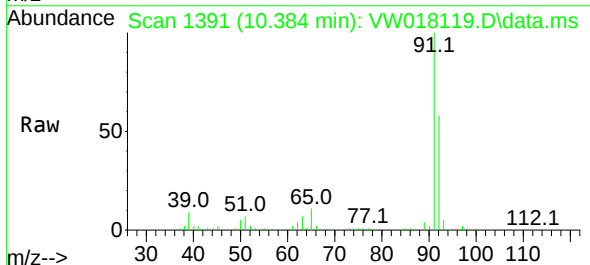
Instrument :
MSVOA_W
ClientSampleId :
DBGZ0

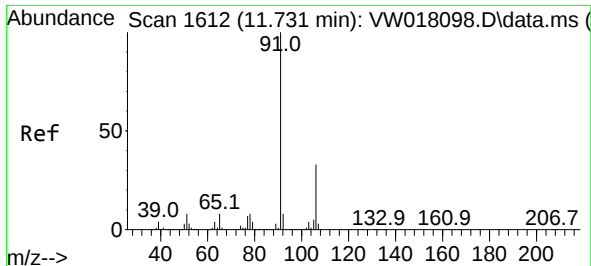
Tgt Ion: 83 Resp: 30320
Ion Ratio Lower Upper
83 100
55 87.1 59.4 89.0
98 52.8 40.7 61.1



#44
Toluene
Concen: 7.10 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW018119.D
Acq: 12 Feb 2021 18:47

Tgt Ion: 91 Resp: 59400
Ion Ratio Lower Upper
91 100
92 57.7 41.6 77.3

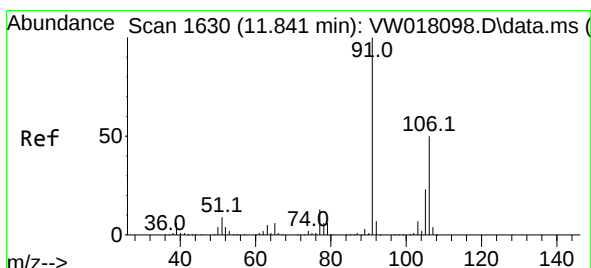
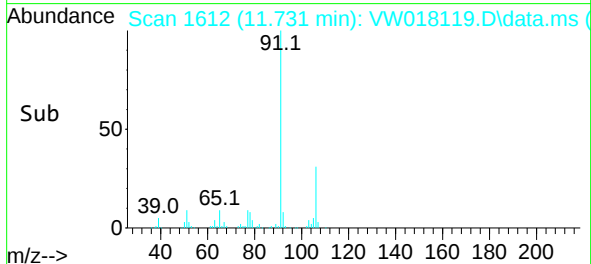
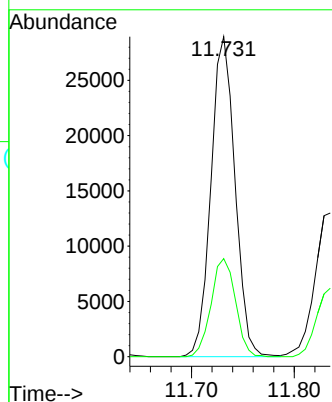
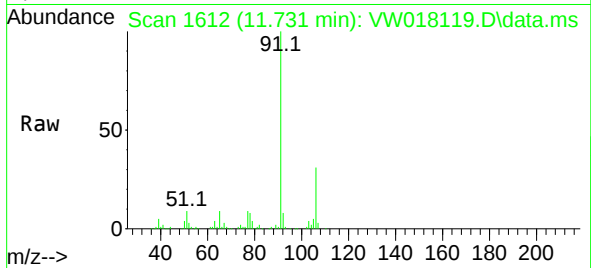




#53
Ethylbenzene
Concen: 4.94 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW018119.D
Acq: 12 Feb 2021 18:47

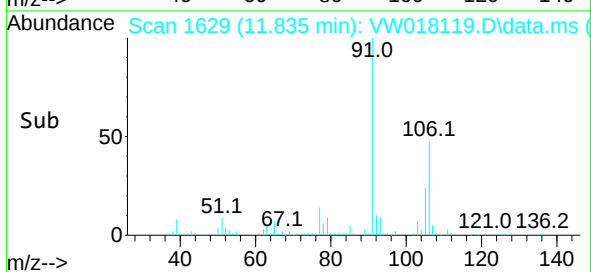
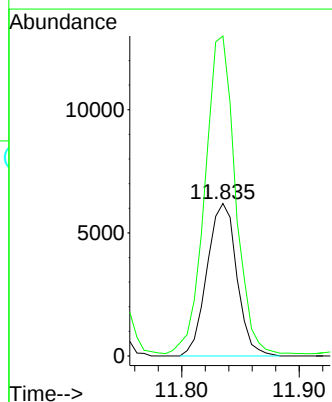
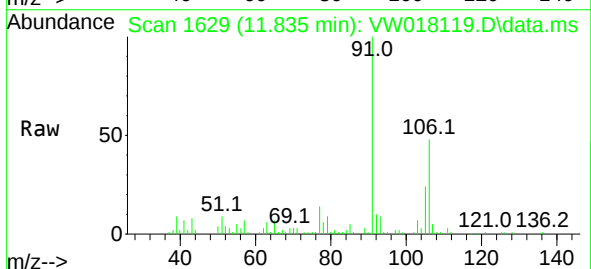
Instrument :
MSVOA_W
ClientSampled :
DBGZ0

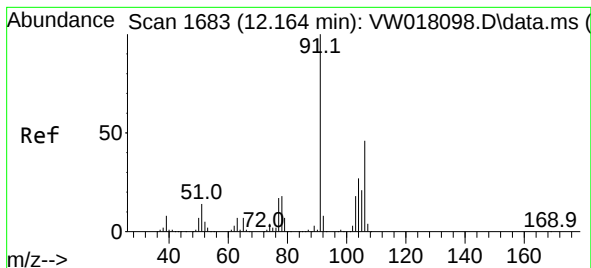
Tgt Ion: 91 Resp: 46992
Ion Ratio Lower Upper
91 100
106 30.7 21.1 39.1



#54
m,p-Xylene
Concen: 3.01 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW018119.D
Acq: 12 Feb 2021 18:47

Tgt Ion: 106 Resp: 10900
Ion Ratio Lower Upper
106 100
91 209.9 136.4 253.4

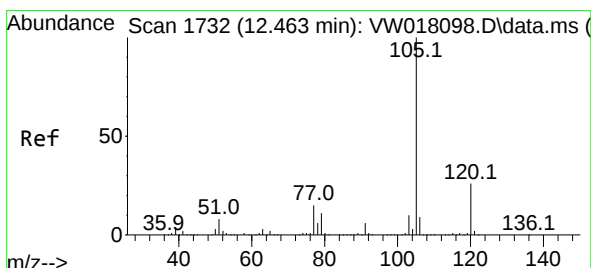
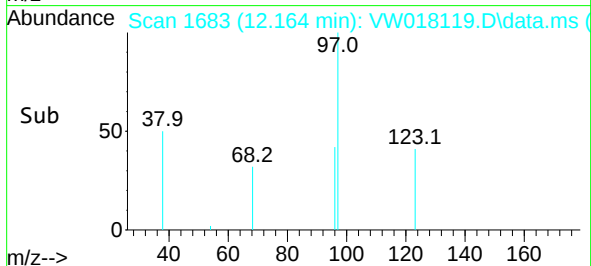
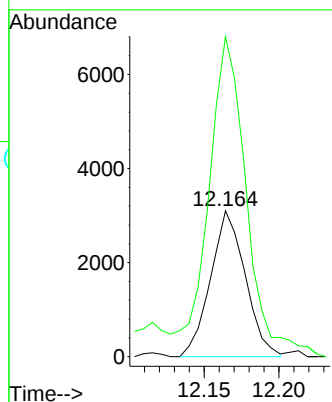
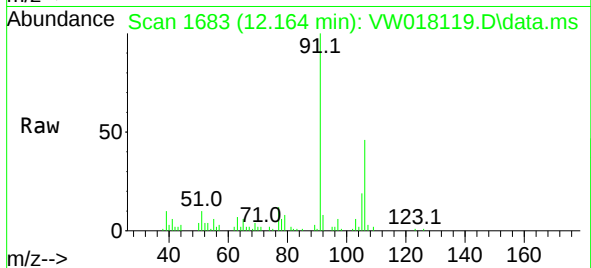




#55
o-xylene
Concen: 1.46 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW018119.D
Acq: 12 Feb 2021 18:47

Instrument :
MSVOA_W
ClientSampleId :
DBGZ0

Tgt Ion:106 Resp: 5012
Ion Ratio Lower Upper
106 100
91 219.3 147.6 274.2



#57
Isopropylbenzene
Concen: 6.48 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW018119.D
Acq: 12 Feb 2021 18:47

Tgt Ion:105 Resp: 62069
Ion Ratio Lower Upper
105 100
120 25.9 21.4 32.2
77 17.0 12.1 18.1

