

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050721\
 Data File : VW018959.D
 Acq On : 07 May 2021 15:55
 Operator : SY/VA
 Sample : M2337-13
 Misc : 3.05G/10ML/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 07 23:30:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 07 23:29:08 2021
 Response via : Initial Calibration

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

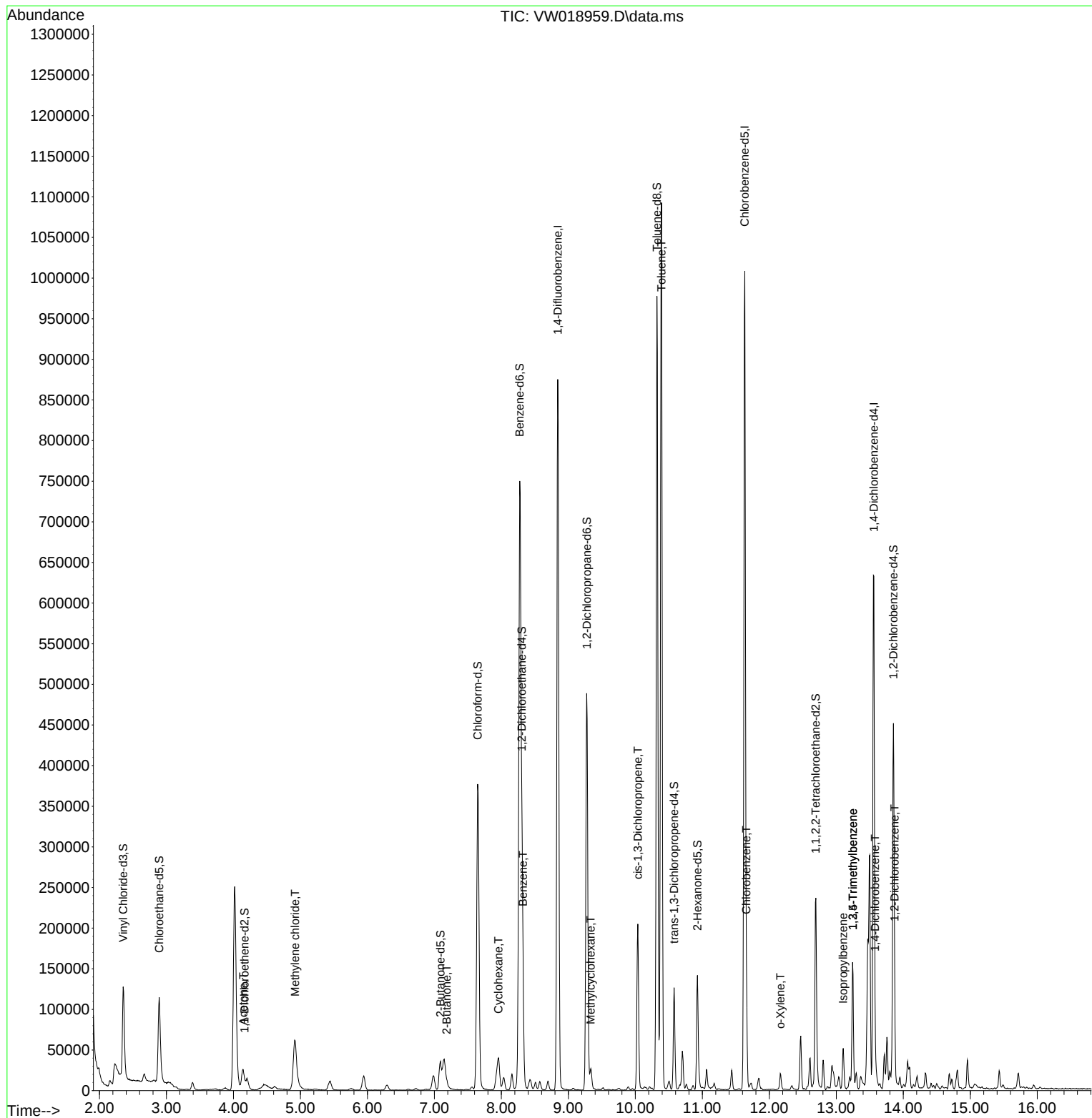
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	701311	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	515148	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	160302	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	142658	15.86	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	63.44%		
7) Chloroethane-d5	2.891	69	135739	19.47	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	77.88%		
11) 1,1-Dichloroethene-d2	4.166	63	128	0.01	ug/L	0.14
Spiked Amount 25.000	Range 45 - 110		Recovery =	0.04%#		
21) 2-Butanone-d5	7.092	46	58624	25.02	ug/L	0.02
Spiked Amount 50.000	Range 20 - 135		Recovery =	50.04%		
24) Chloroform-d	7.647	84	377445	20.51	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	82.04%		
26) 1,2-Dichloroethane-d4	8.305	65	205851	20.02	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	80.08%		
32) Benzene-d6	8.275	84	736961	25.32	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	101.28%		
36) 1,2-Dichloropropane-d6	9.274	67	216882	25.12	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	100.48%		
41) Toluene-d8	10.323	98	624471	23.00	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	92.00%		
43) trans-1,3-Dichloroprop...	10.579	79	65098	16.59	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	66.36%		
47) 2-Hexanone-d5	10.927	63	46666	30.18	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	60.36%		
56) 1,1,2,2-Tetrachloroeth...	12.694	84	115812	15.83	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	63.32%		
66) 1,2-Dichlorobenzene-d4	13.853	152	101837	18.54	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	74.16%#		
Target Compounds						Qvalue
13) Acetone	4.147	43	50361	28.05	ug/L	99
16) Methylene chloride	4.921	84	47295	4.08	ug/L	98
22) 2-Butanone	7.183	43	12493	5.02	ug/L	80
29) Cyclohexane	7.958	56	22461	1.82	ug/L	89
33) Benzene	8.323	78	36404	1.18	ug/L	100
35) Methylcyclohexane	9.335	83	8816	0.61	ug/L	89
39) cis-1,3-Dichloropropene	10.036	75	5394	0.46	ug/L #	69
42) Toluene	10.390	91	784510	23.11	ug/L	99
51) Chlorobenzene	11.658	112	52464	2.53	ug/L	94
54) o-Xylene	12.164	106	4717	0.35	ug/L	88
60) Isopropylbenzene	13.103	105	29254	1.28	ug/L	93
62) 1,3,5-Trimethylbenzene	13.249	105	7715	0.40	ug/L	88
63) 1,2,4-Trimethylbenzene	13.249	105	7715	0.40	ug/L	95
65) 1,4-Dichlorobenzene	13.578	146	3813	0.39	ug/L	93
67) 1,2-Dichlorobenzene	13.871	146	19357	2.22	ug/L	95

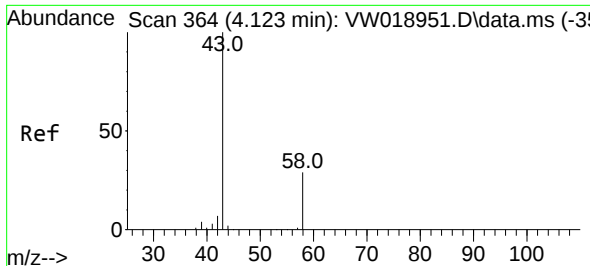
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 12 Sample Multiplier: 1

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Quant Time: May 07 23:30:55 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
Quant Title : SFAM01.0
QLast Update : Fri May 07 23:29:08 2021
Response via : Initial Calibration

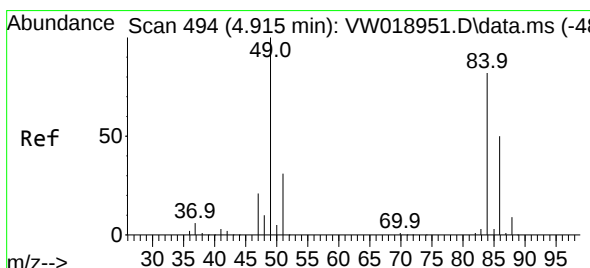
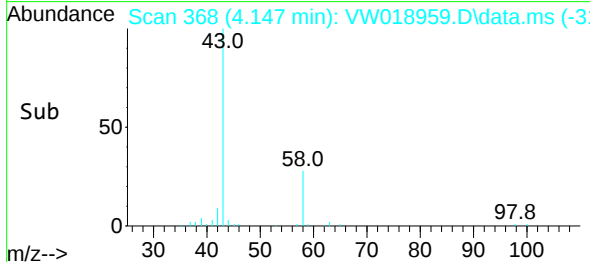
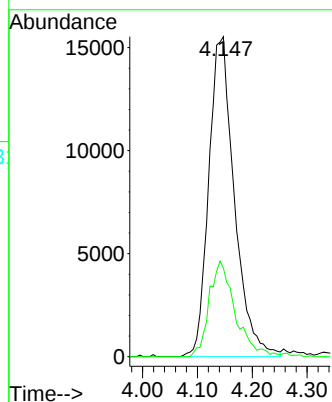
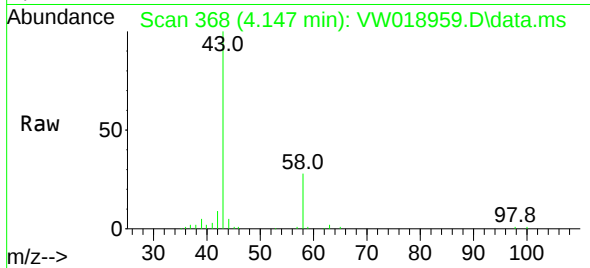




#13
Acetone
Concen: 28.05 ug/L
RT: 4.147 min Scan# 368
Delta R.T. 0.024 min
Lab File: VW018959.D
Acq: 07 May 2021 15:55

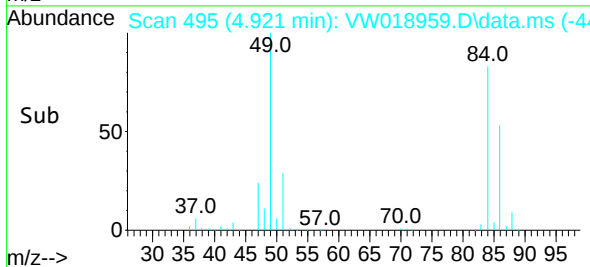
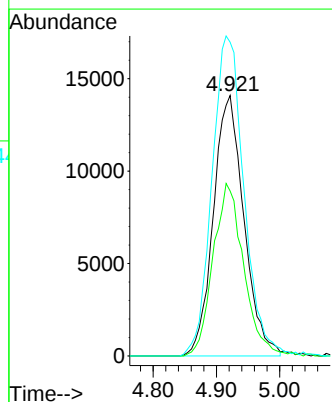
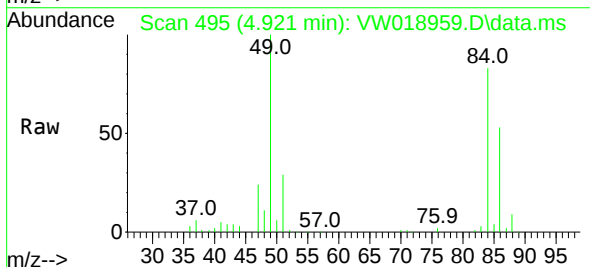
Instrument :
MSVOA_W
ClientSampled :

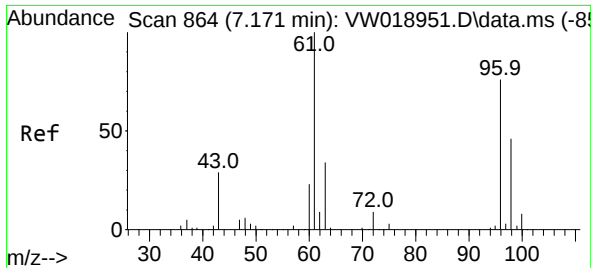
Tgt Ion: 43 Resp: 50361
Ion Ratio Lower Upper
43 100
58 26.3 0.0 53.8



#16
Methylene chloride
Concen: 4.08 ug/L
RT: 4.921 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018959.D
Acq: 07 May 2021 15:55

Tgt Ion: 84 Resp: 47295
Ion Ratio Lower Upper
84 100
86 63.3 45.3 84.1
49 120.5 86.6 160.8

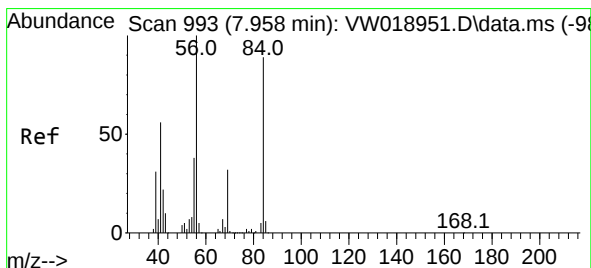
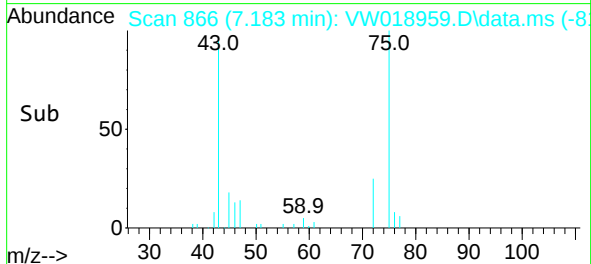
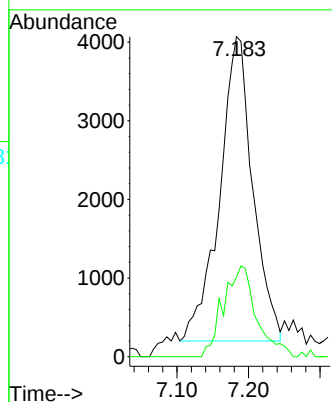
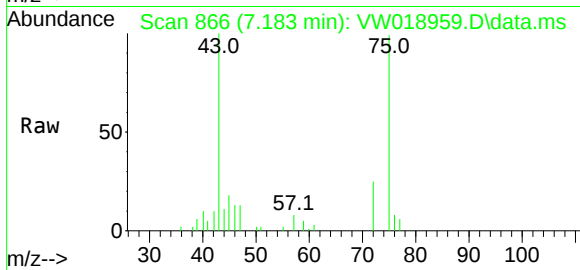




#22
2-Butanone
Concen: 5.02 ug/L
RT: 7.183 min Scan# 866
Delta R.T. 0.012 min
Lab File: VW018959.D
Acq: 07 May 2021 15:55

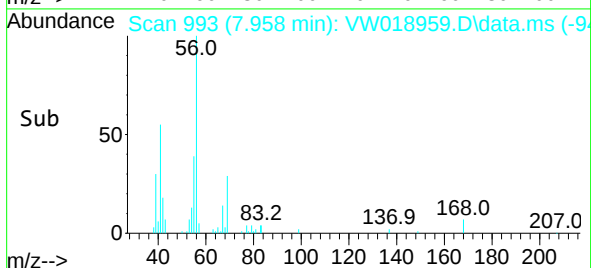
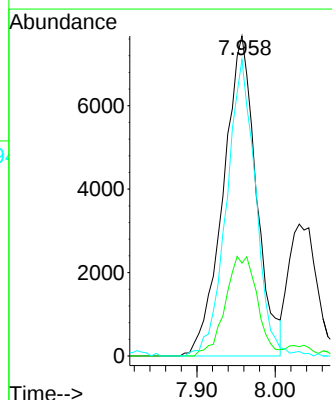
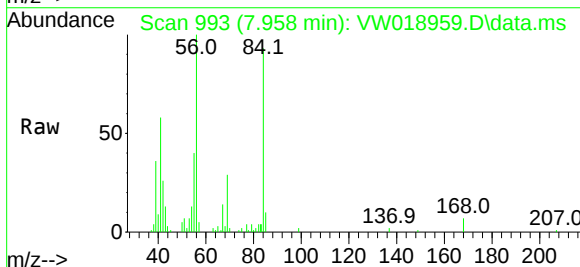
Instrument :
MSVOA_W
ClientSampled :

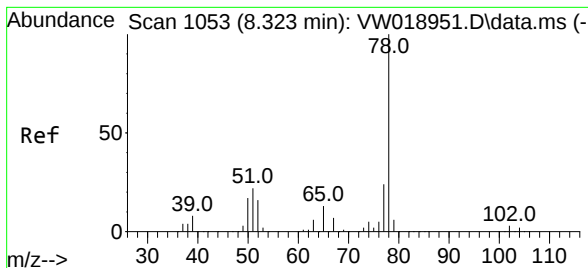
Tgt Ion: 43 Resp: 12493
Ion Ratio Lower Upper
43 100
72 18.9 14.9 44.7



#29
Cyclohexane
Concen: 1.82 ug/L
RT: 7.958 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW018959.D
Acq: 07 May 2021 15:55

Tgt Ion: 56 Resp: 22461
Ion Ratio Lower Upper
56 100
69 30.1 24.5 36.7
84 79.3 75.0 112.4





#33

Benzene

Concen: 1.18 ug/L

RT: 8.323 min Scan# 1053

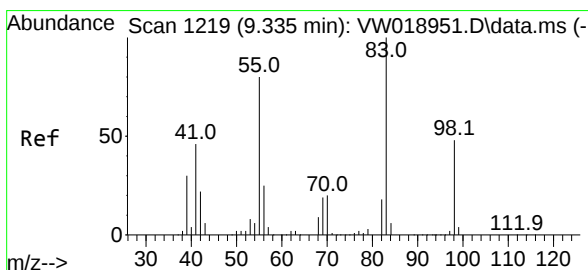
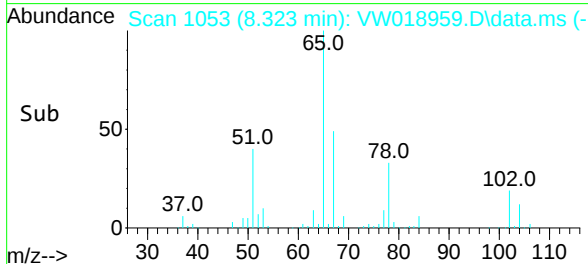
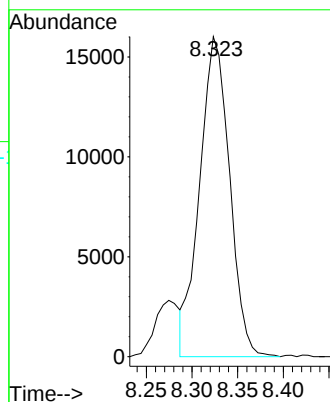
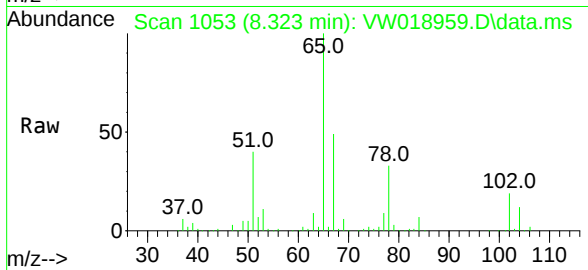
Delta R.T. -0.000 min

Lab File: VW018959.D

Acq: 07 May 2021 15:55

Tgt Ion: 78 Resp: 36404

Instrument :
MSVOA_W
ClientSampled :



#35

Methylcyclohexane

Concen: 0.61 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW018959.D

Acq: 07 May 2021 15:55

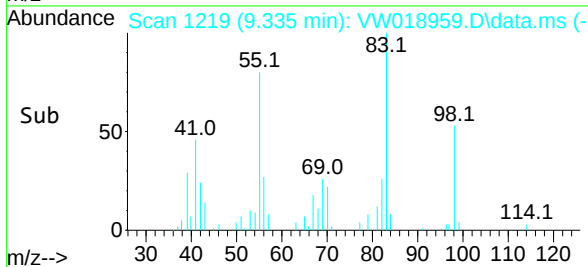
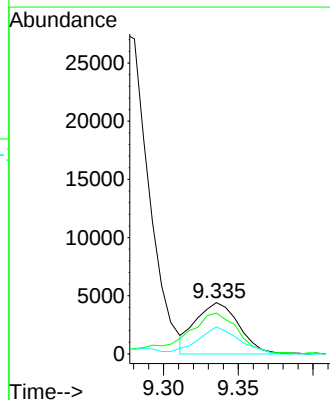
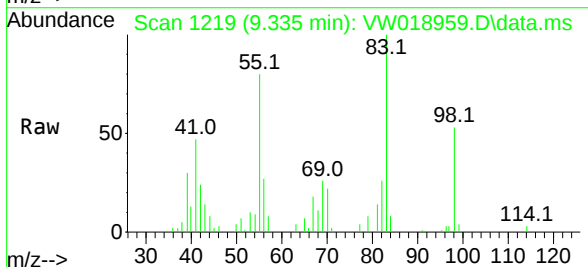
Tgt Ion: 83 Resp: 8816

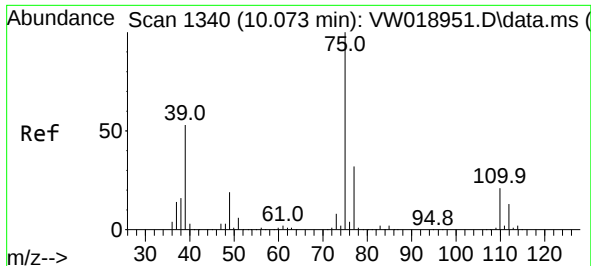
Ion Ratio Lower Upper

83 100

55 87.9 58.9 88.3

98 51.0 40.1 60.1

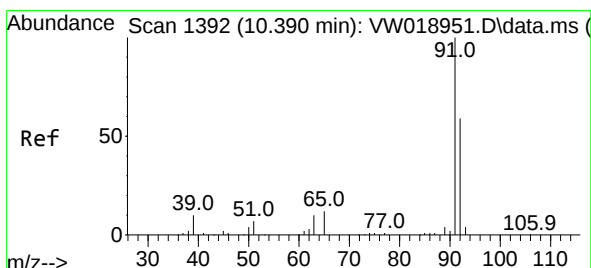
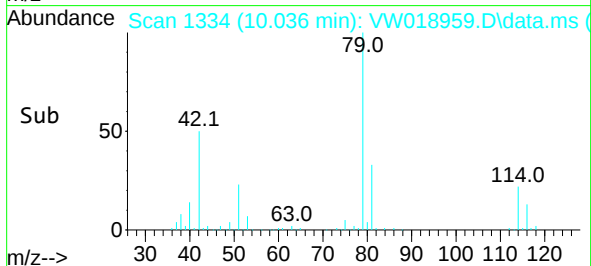
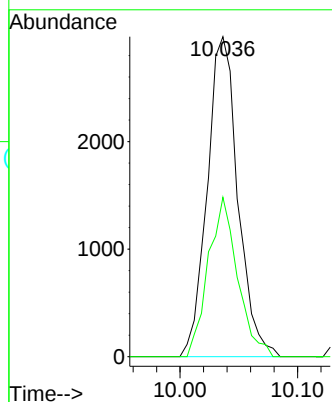
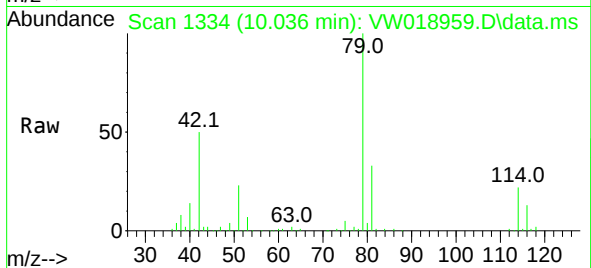




#39
cis-1,3-Dichloropropene
Concen: 0.46 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018959.D
Acq: 07 May 2021 15:55

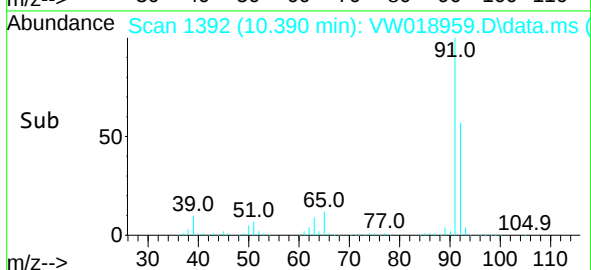
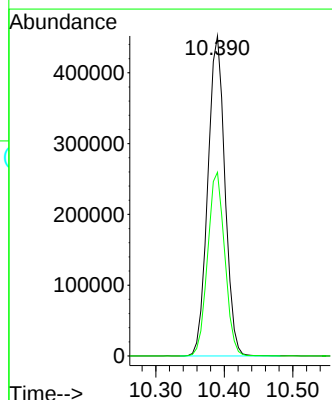
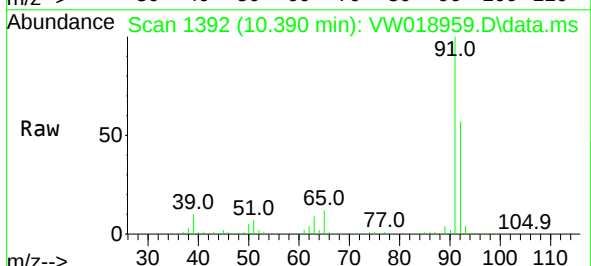
Instrument :
MSVOA_W
ClientSampled :

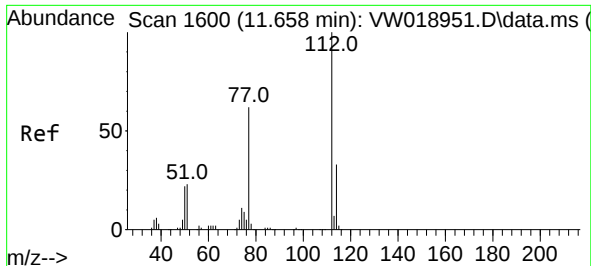
Tgt Ion: 75 Resp: 5394
Ion Ratio Lower Upper
75 100
77 49.8 22.6 42.0#



#42
Toluene
Concen: 23.11 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW018959.D
Acq: 07 May 2021 15:55

Tgt Ion: 91 Resp: 784510
Ion Ratio Lower Upper
91 100
92 57.4 39.5 73.3

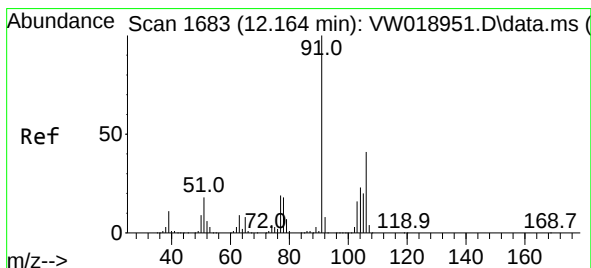
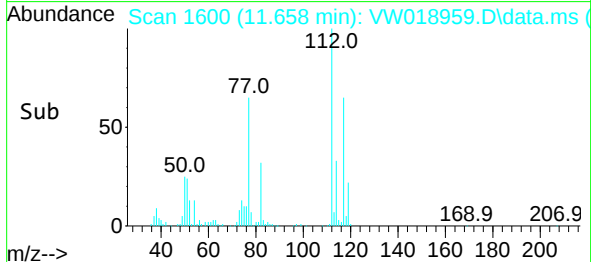
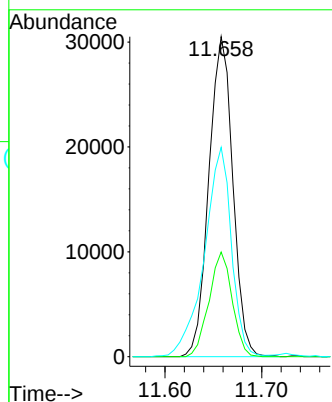
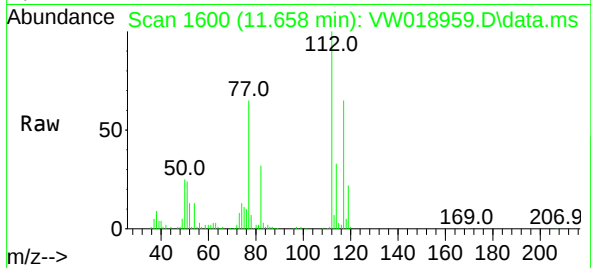




#51
Chlorobenzene
Concen: 2.53 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW018959.D
Acq: 07 May 2021 15:55

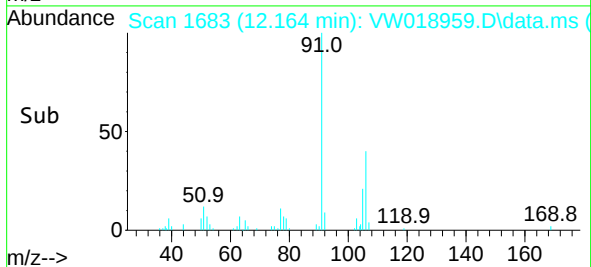
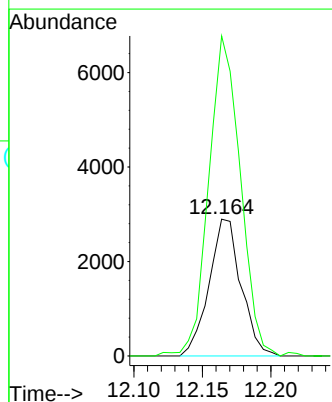
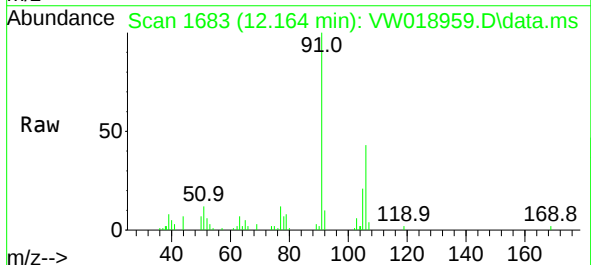
Instrument :
MSVOA_W
ClientSampled :

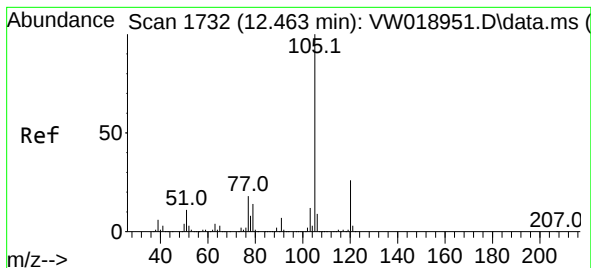
Tgt Ion:112 Resp: 52464
Ion Ratio Lower Upper
112 100
114 32.7 23.4 43.6
77 65.4 47.6 71.4



#54
o-Xylene
Concen: 0.35 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW018959.D
Acq: 07 May 2021 15:55

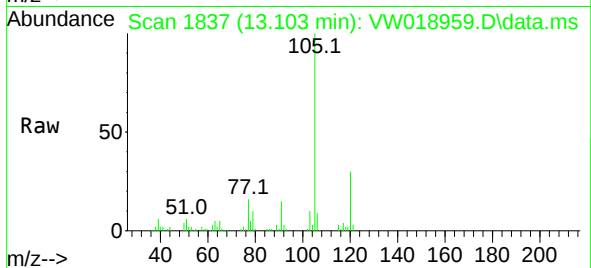
Tgt Ion:106 Resp: 4717
Ion Ratio Lower Upper
106 100
91 233.8 150.0 278.6



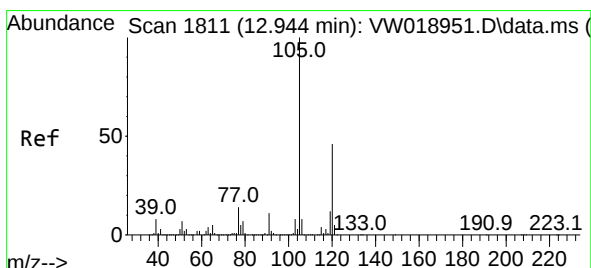
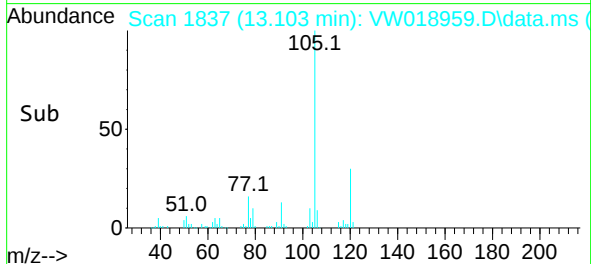
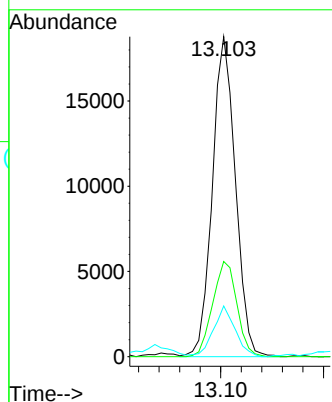


#60
Isopropylbenzene
Concen: 1.28 ug/L
RT: 13.103 min Scan# 1837
Delta R.T. 0.640 min
Lab File: VW018959.D
Acq: 07 May 2021 15:55

Instrument :
MSVOA_W
ClientSampled :

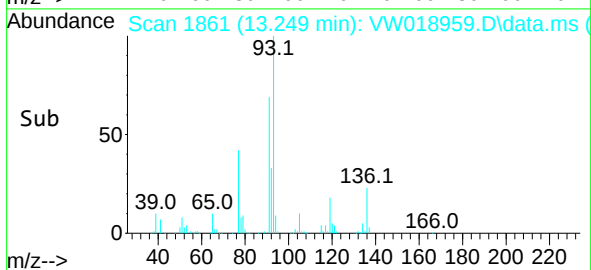
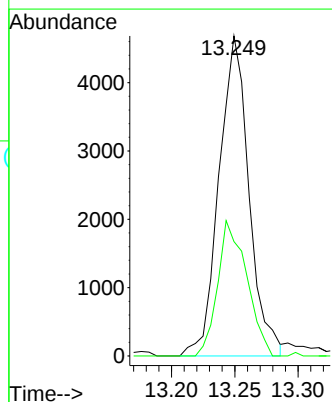
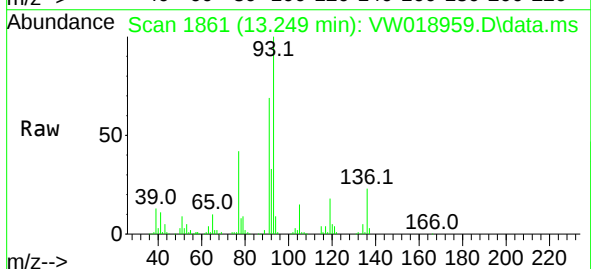


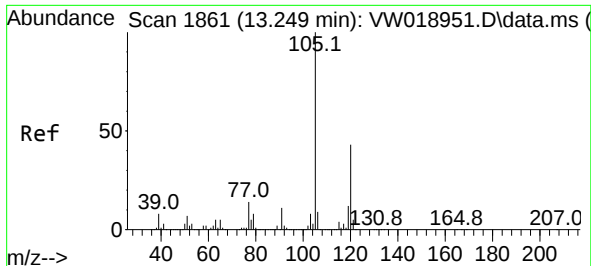
Tgt Ion:105 Resp: 29254
Ion Ratio Lower Upper
105 100
120 31.2 21.1 31.7
77 15.0 13.2 19.8



#62
1,3,5-Trimethylbenzene
Concen: 0.40 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.305 min
Lab File: VW018959.D
Acq: 07 May 2021 15:55

Tgt Ion:105 Resp: 7715
Ion Ratio Lower Upper
105 100
120 40.9 39.0 58.6

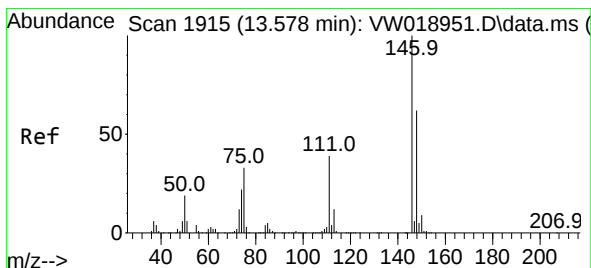
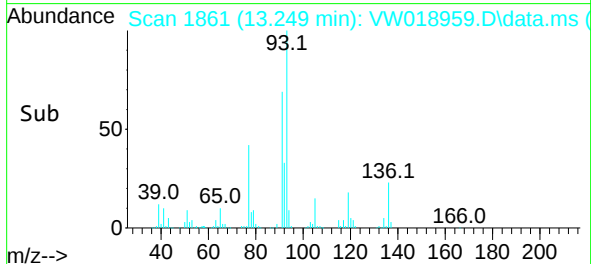
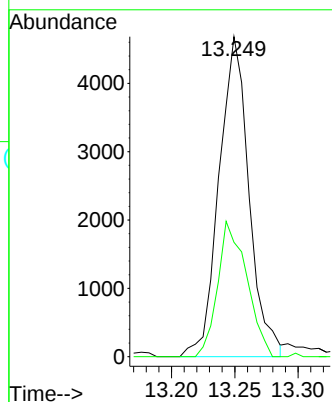
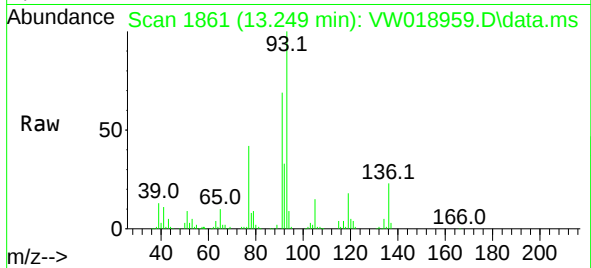




#63
1,2,4-Trimethylbenzene
Concen: 0.40 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW018959.D
Acq: 07 May 2021 15:55

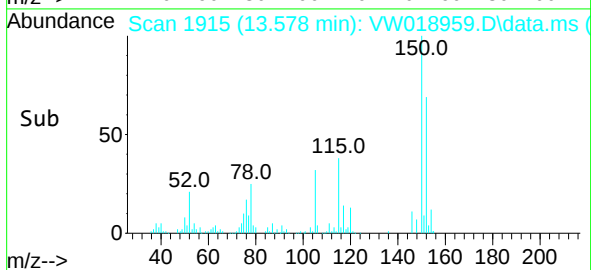
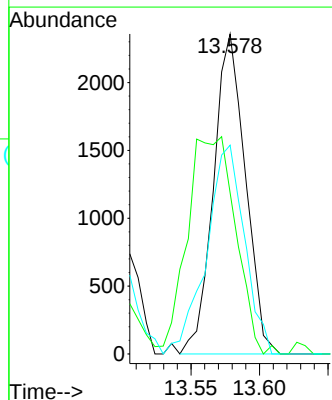
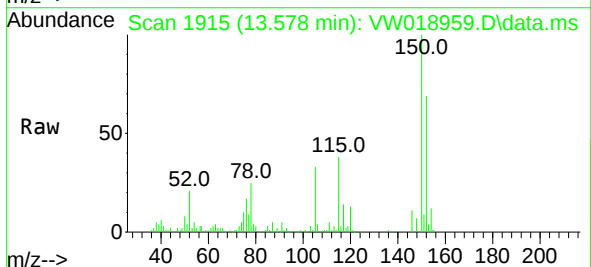
Instrument :
MSVOA_W
ClientSampled :

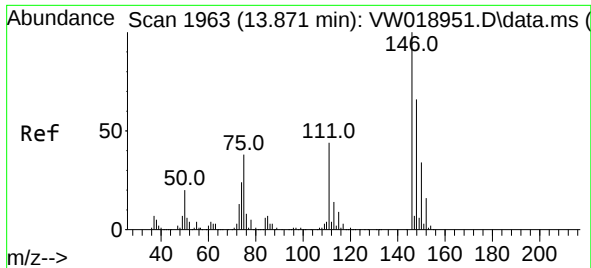
Tgt Ion:105 Resp: 7715
Ion Ratio Lower Upper
105 100
120 40.9 35.6 53.4



#65
1,4-Dichlorobenzene
Concen: 0.39 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW018959.D
Acq: 07 May 2021 15:55

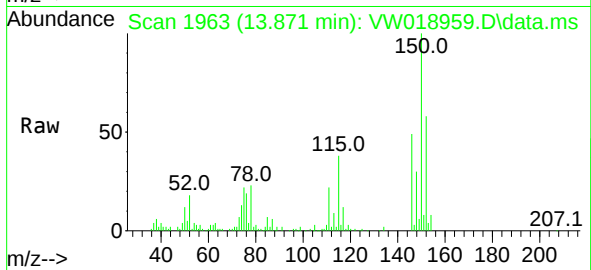
Tgt Ion:146 Resp: 3813
Ion Ratio Lower Upper
146 100
111 50.3 28.8 53.4
148 65.3 46.8 87.0





#67
 1,2-Dichlorobenzene
 Concen: 2.22 ug/L
 RT: 13.871 min Scan# 1963
 Delta R.T. -0.000 min
 Lab File: VW018959.D
 Acq: 07 May 2021 15:55

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	146	Resp:	19357
Ion Ratio	Lower	Upper	
146	100		
111	46.1	33.2	49.8
148	61.0	50.4	75.6

