

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021121\
 Data File : VW018084.D
 Acq On : 11 Feb 2021 14:49
 Operator : SY/VA
 Sample : M1370-06
 Misc : 4.24G/10ML/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBGY2

Quant Time: Feb 12 02:41:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 12 02:37:00 2021
 Response via : Initial Calibration

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

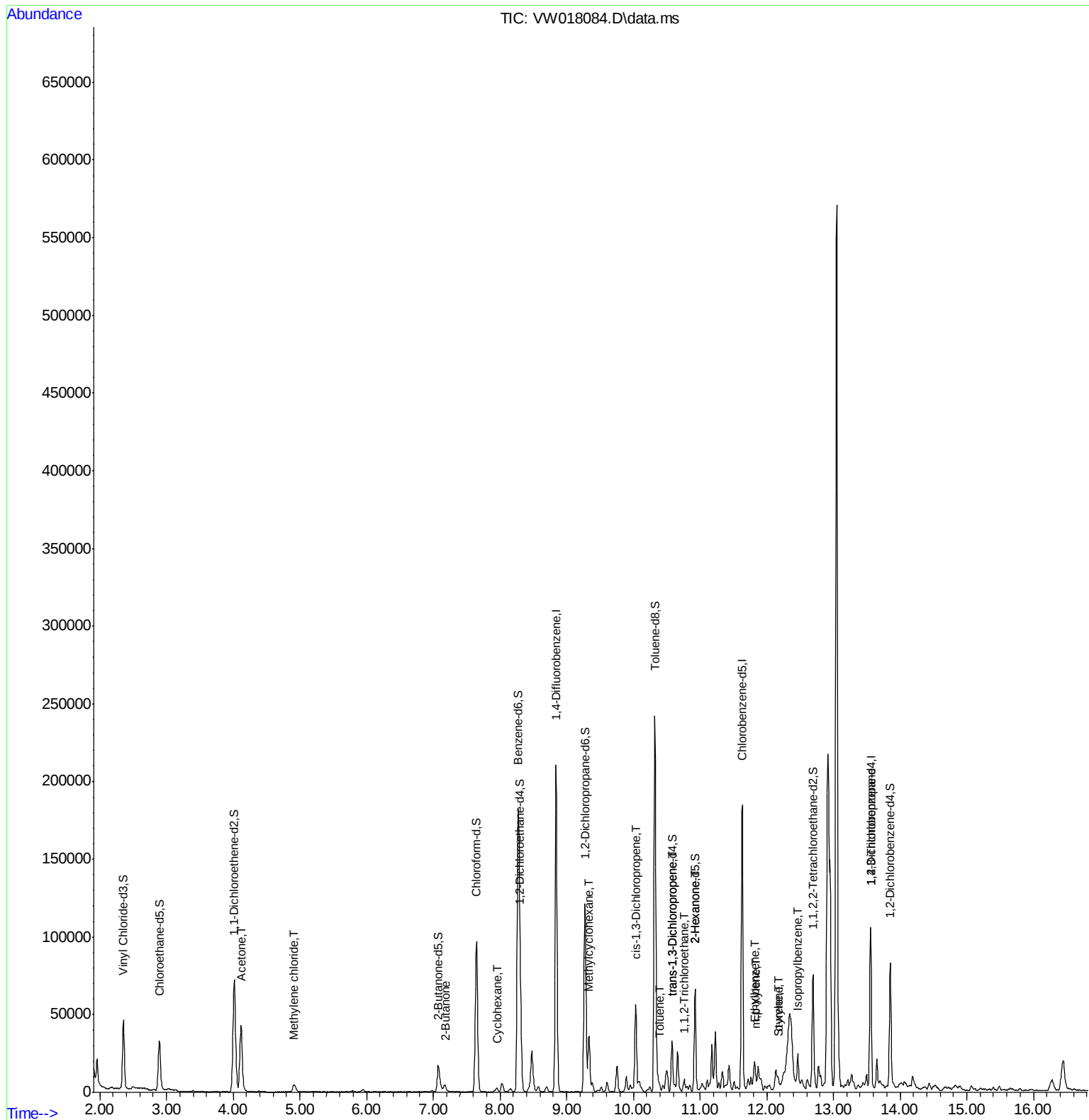
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	186307	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	110507	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	30686	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	47850	20.67	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	82.68%		
7) Chloroethane-d5	2.891	69	42505	23.13	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	92.52%		
10) 1,1-Dichloroethene-d2	4.013	63	72125	15.58	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	62.32%		
20) 2-Butanone-d5	7.074	46	29977	48.51	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	97.02%		
24) Chloroform-d	7.647	84	105305	21.54	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	86.16%		
26) 1,2-Dichloroethane-d4	8.305	65	56711	21.78	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	87.12%		
29) Benzene-d6	8.275	84	196889	32.45	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	129.80%		
33) 1,2-Dichloropropane-d6	9.274	67	57822	34.07	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	136.28%#		
37) Toluene-d8	10.323	98	144153	24.97	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	99.88%		
38) trans-1,3-Dichloroprop...	10.579	79	18509	24.06	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	96.24%		
39) 2-Hexanone-d5	10.927	63	21628	66.66	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	133.32%		
48) 1,1,2,2-Tetrachloroeth...	12.694	84	33536	22.50	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	90.00%		
61) 1,2-Dichlorobenzene-d4	13.853	152	21350	19.50	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	78.00%		
Target Compounds					Qvalue	
13) Acetone	4.117	43	71150	155.64	ug/L	99
16) Methylene chloride	4.915	84	4132	1.38	ug/L	89
21) 2-Butanone	7.177	43	7748	11.13	ug/L #	69
30) Cyclohexane	7.958	56	1369	0.54	ug/L #	86
36) Methylcyclohexane	9.335	83	13761	4.50	ug/L	96
42) cis-1,3-Dichloropropene	10.036	75	1324	0.55	ug/L #	52
44) Toluene	10.390	91	4159	0.59	ug/L	95
45) trans-1,3-Dichloropropene	10.579	75	786	0.38	ug/L #	68
46) 1,1,2-Trichloroethane	10.762	97	3407	2.69	ug/L #	23
49) 2-Hexanone	10.927	43	5082	7.94	ug/L #	36
53) Ethylbenzene	11.829	91	4737	0.59	ug/L	90
54) m,p-Xylene	11.835	106	1500	0.49	ug/L	99
55) o-xylene	12.170	106	990	0.34	ug/L	91
56) Styrene	12.182	104	1339	0.27	ug/L	90
57) Isopropylbenzene	12.463	105	6679	0.82	ug/L #	79
59) 1,2,3-Trichloropropane	13.560	75	3242	2.86	ug/L	93

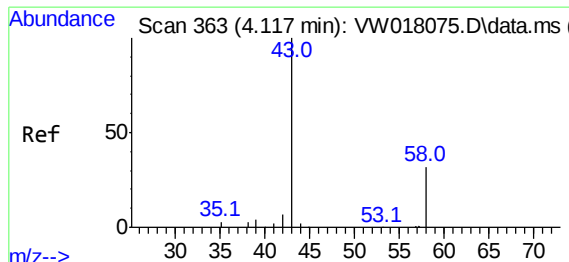
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Feb 12 02:37:00 2021
Response via : Initial Calibration

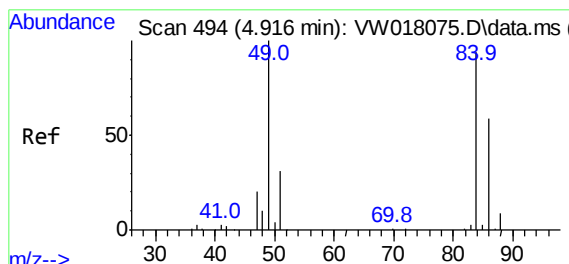
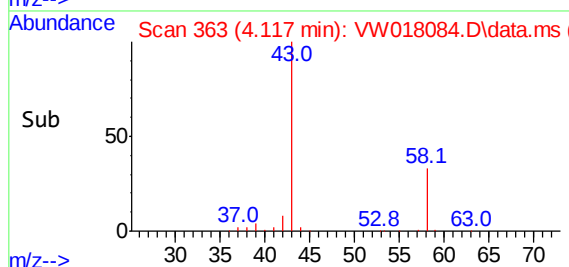
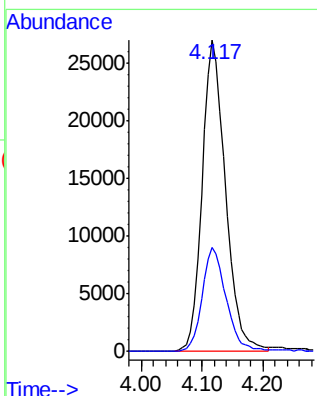
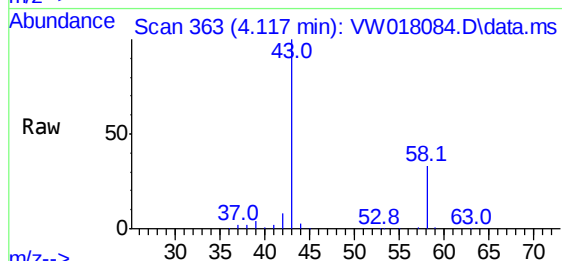




#13
Acetone
Concen: 155.64 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.000 min
Lab File: VW018084.D
Acq: 11 Feb 2021 14:49

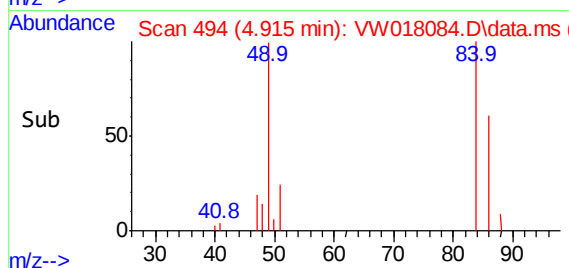
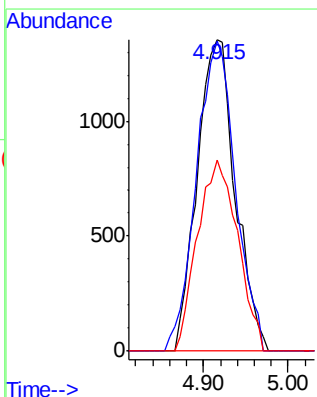
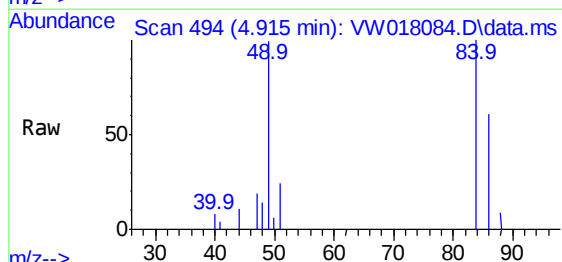
Instrument :
MSVOA_W
ClientSampled :
DBGY2

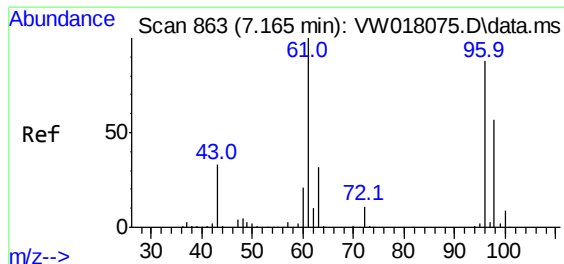
Tgt Ion: 43 Resp: 71150
Ion Ratio Lower Upper
43 100
58 33.5 0.0 68.4



#16
Methylene chloride
Concen: 1.38 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW018084.D
Acq: 11 Feb 2021 14:49

Tgt Ion: 84 Resp: 4132
Ion Ratio Lower Upper
84 100
49 99.4 81.2 150.8
86 61.2 44.5 82.7

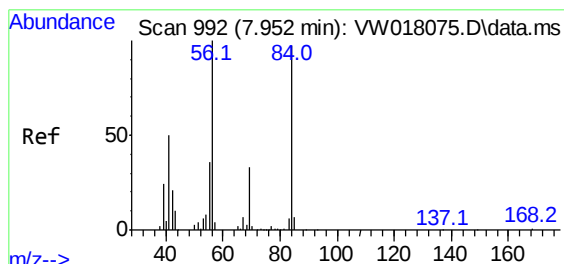
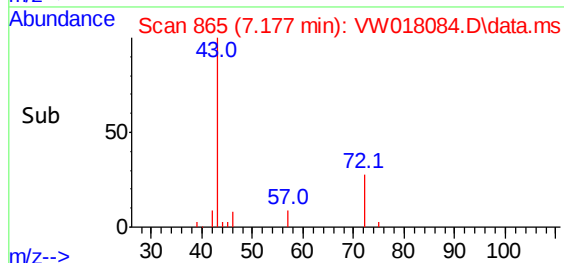
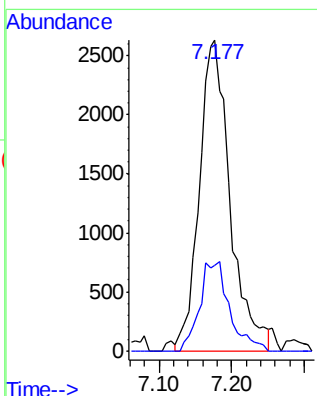
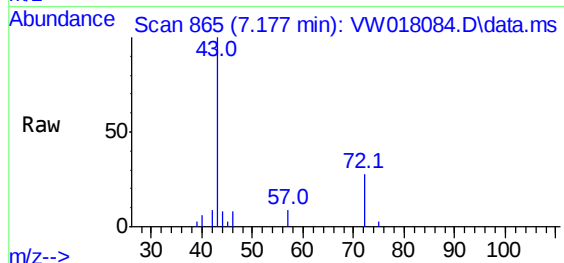




#21
2-Butanone
Concen: 11.13 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.012 min
Lab File: VW018084.D
Acq: 11 Feb 2021 14:49

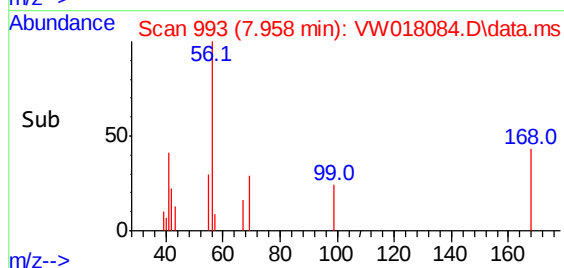
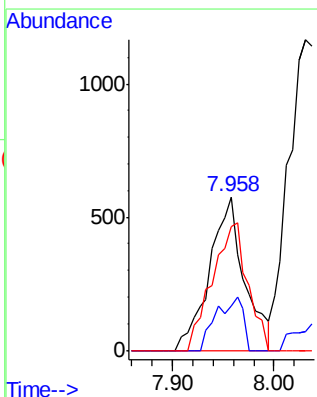
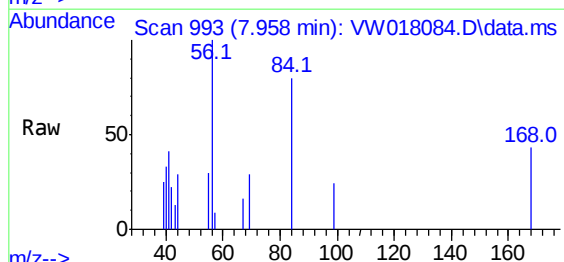
Instrument :
MSVOA_W
ClientSampled :
DBGY2

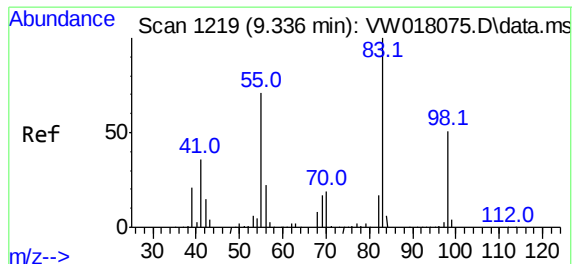
Tgt Ion: 43 Resp: 7748
Ion Ratio Lower Upper
43 100
72 12.2 14.4 43.2#



#30
Cyclohexane
Concen: 0.54 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.006 min
Lab File: VW018084.D
Acq: 11 Feb 2021 14:49

Tgt Ion: 56 Resp: 1369
Ion Ratio Lower Upper
56 100
69 14.0 24.8 37.2#
84 84.3 74.2 111.4

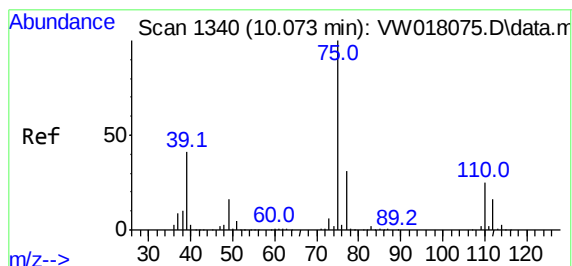
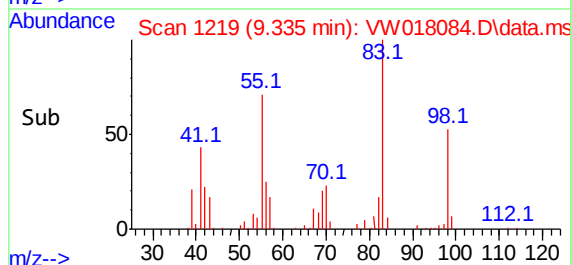
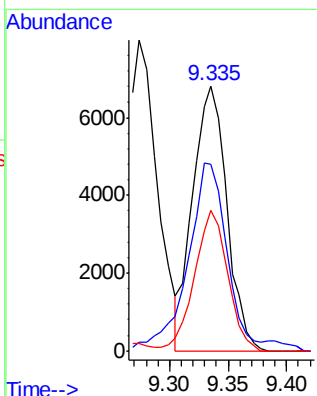
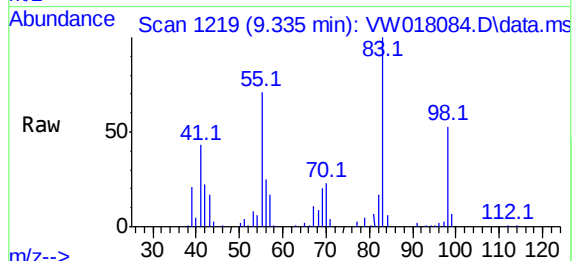




#36
Methylcyclohexane
Concen: 4.50 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW018084.D
Acq: 11 Feb 2021 14:49

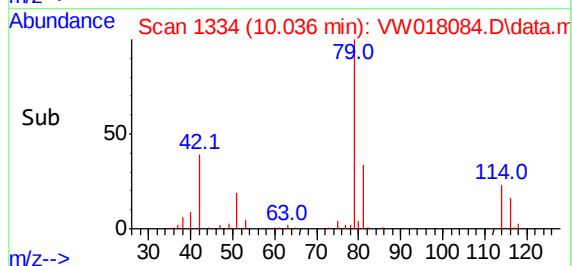
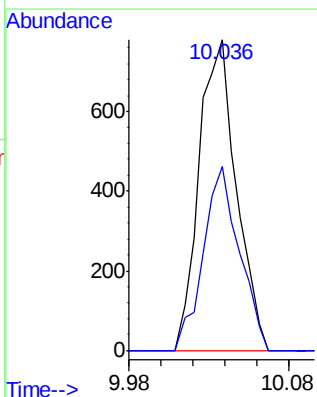
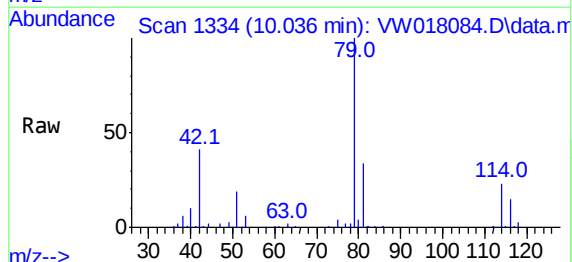
Instrument :
MSVOA_W
ClientSampled :
DBGY2

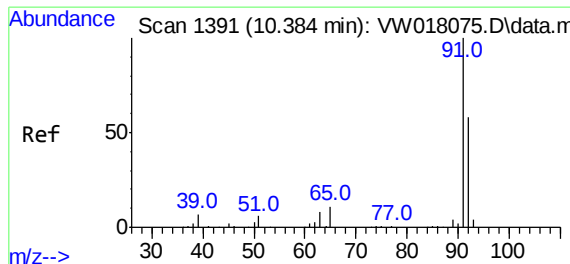
Tgt Ion: 83 Resp: 13761
Ion Ratio Lower Upper
83 100
55 78.8 59.4 89.0
98 51.7 40.7 61.1



#42
cis-1,3-Dichloropropene
Concen: 0.55 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018084.D
Acq: 11 Feb 2021 14:49

Tgt Ion: 75 Resp: 1324
Ion Ratio Lower Upper
75 100
77 59.2 22.7 42.3#





#44

Toluene

Concen: 0.59 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.006 min

Lab File: VW018084.D

Acq: 11 Feb 2021 14:49

Tgt Ion: 91 Resp: 4159

Ion Ratio Lower Upper

91 100

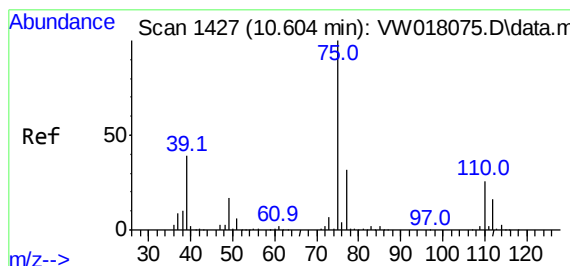
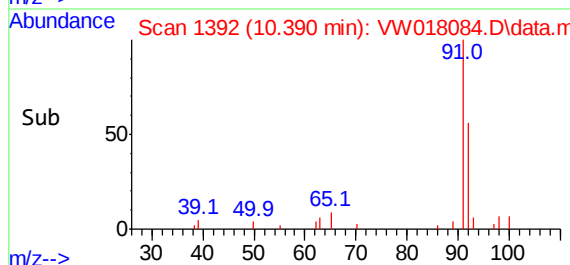
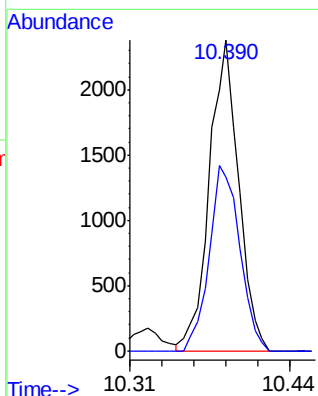
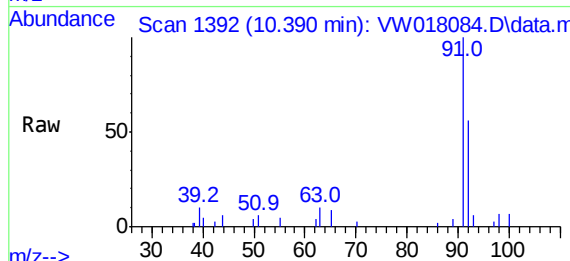
92 55.8 41.6 77.3

Instrument :

MSVOA_W

ClientSampleId :

DBGY2



#45

trans-1,3-Dichloropropene

Concen: 0.38 ug/L

RT: 10.579 min Scan# 1423

Delta R.T. -0.025 min

Lab File: VW018084.D

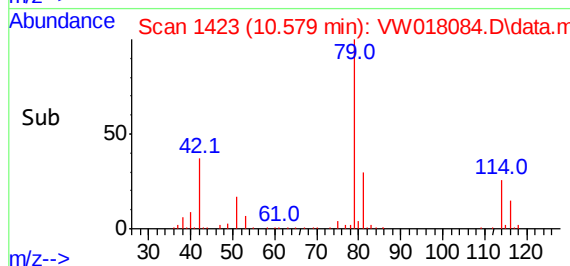
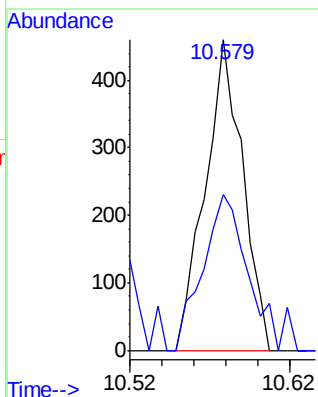
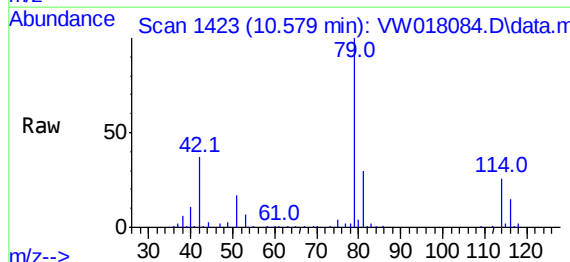
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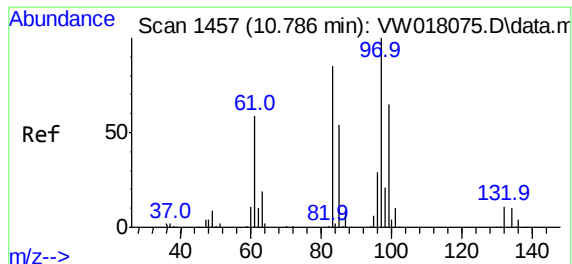
Tgt Ion: 75 Resp: 786

Ion Ratio Lower Upper

75 100

77 50.0 22.6 42.0#



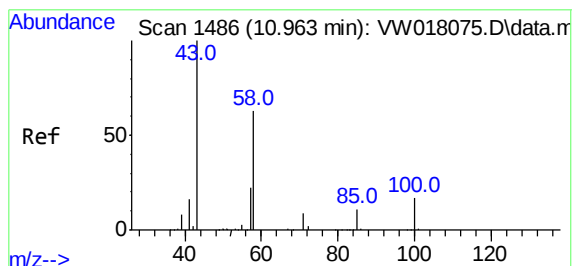
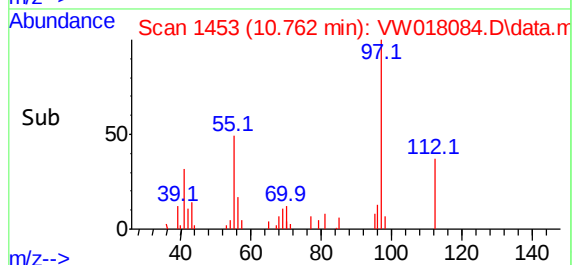
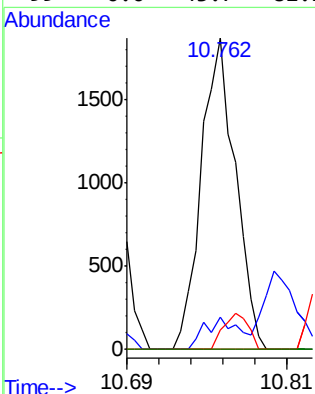
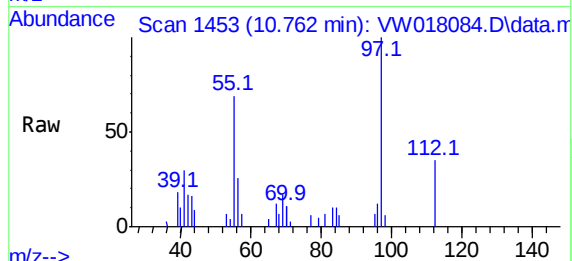


#46
1,1,2-Trichloroethane
Concen: 2.69 ug/L
RT: 10.762 min Scan# 1453
Delta R.T. -0.025 min
Lab File: VW018084.D
Acq: 11 Feb 2021 14:49

Instrument :
MSVOA_W
ClientSampleID :
DBGY2

Tgt Ion: 97 Resp: 3407

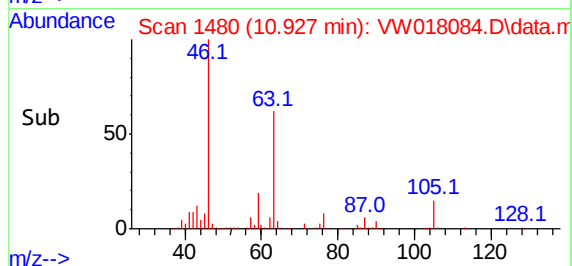
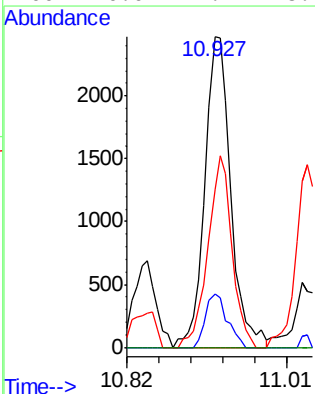
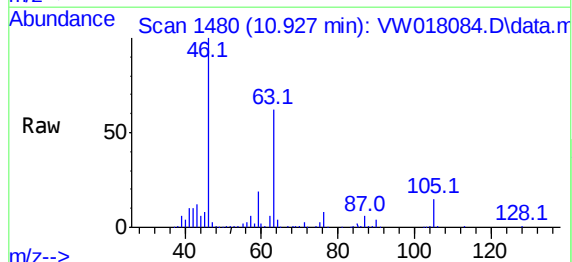
Ion	Ratio	Lower	Upper
97	100		
83	10.0	58.5	108.7#
85	6.0	37.8	70.2#
99	0.0	43.7	81.1#

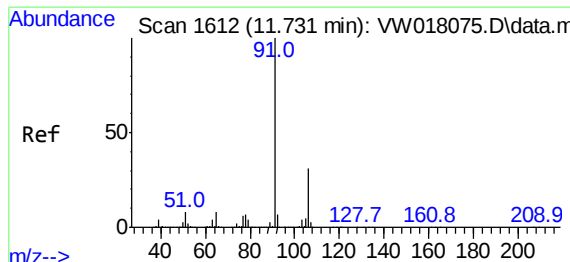


#49
2-Hexanone
Concen: 7.94 ug/L
RT: 10.927 min Scan# 1480
Delta R.T. -0.037 min
Lab File: VW018084.D
Acq: 11 Feb 2021 14:49

Tgt Ion: 43 Resp: 5082

Ion	Ratio	Lower	Upper
43	100		
58	14.5	51.3	76.9#
57	57.7	15.0	22.6#
100	0.0	12.2	18.2#

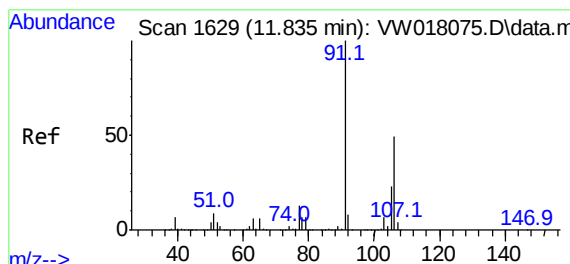
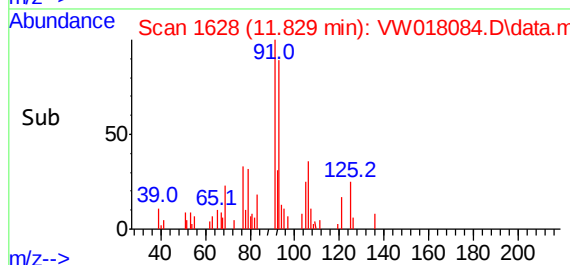
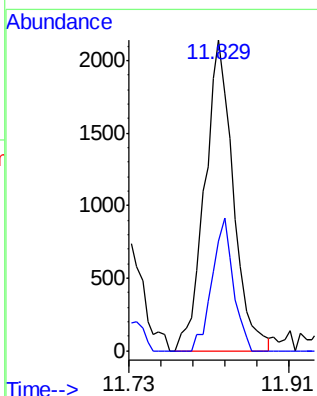
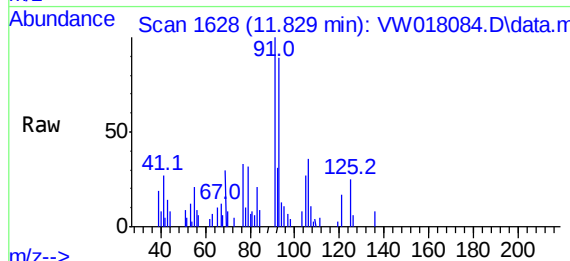




#53
Ethylbenzene
Concen: 0.59 ug/L
RT: 11.829 min Scan# 1628
Delta R.T. 0.097 min
Lab File: VW018084.D
Acq: 11 Feb 2021 14:49

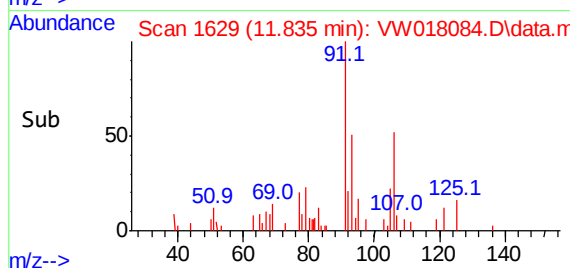
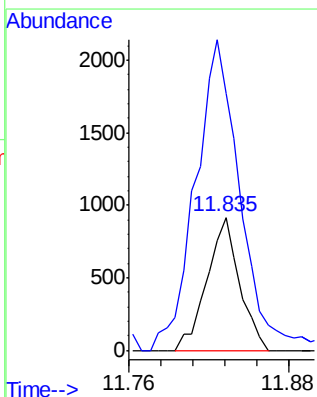
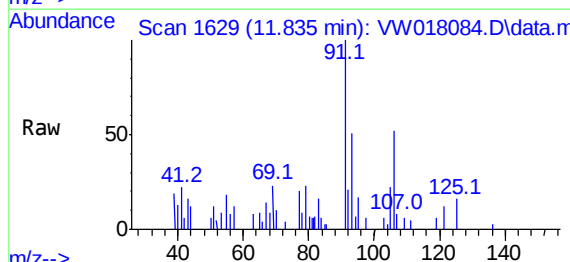
Instrument :
MSVOA_W
ClientSampled :
DBGY2

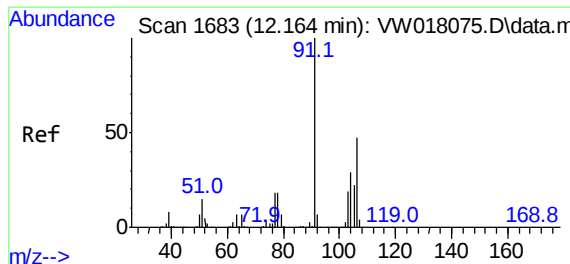
Tgt Ion: 91 Resp: 4737
Ion Ratio Lower Upper
91 100
106 35.5 21.1 39.1



#54
m,p-Xylene
Concen: 0.49 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW018084.D
Acq: 11 Feb 2021 14:49

Tgt Ion: 106 Resp: 1500
Ion Ratio Lower Upper
106 100
91 193.6 136.4 253.4

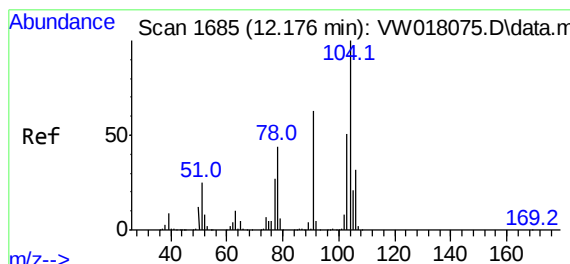
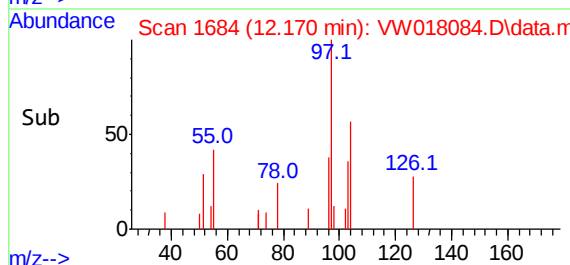
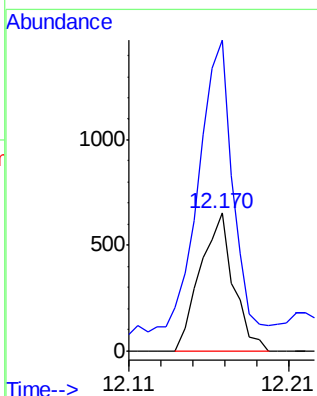
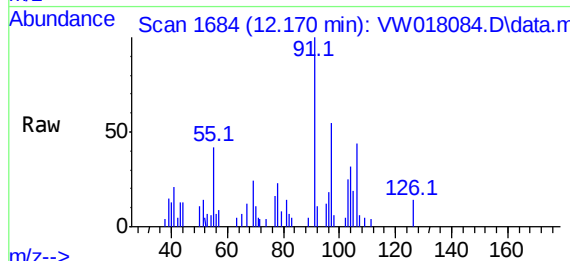




#55
o-xylene
Concen: 0.34 ug/L
RT: 12.170 min Scan# 1684
Delta R.T. 0.006 min
Lab File: VW018084.D
Acq: 11 Feb 2021 14:49

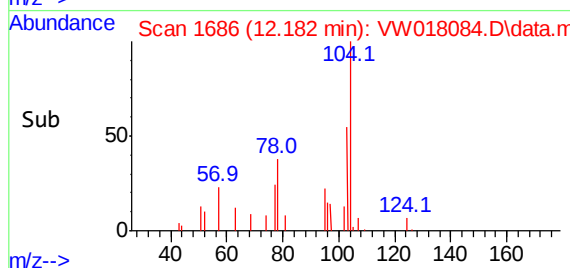
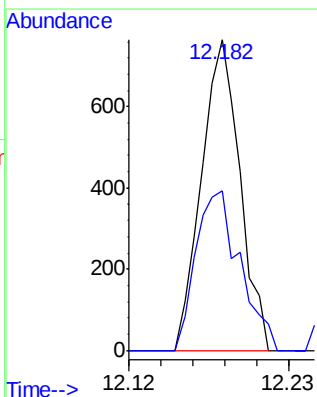
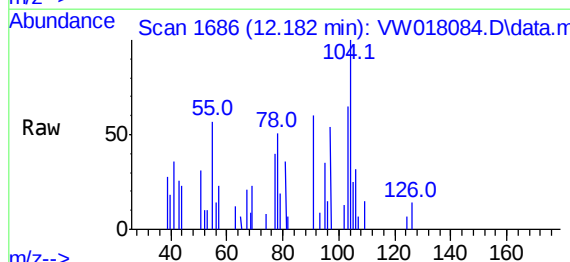
Instrument :
MSVOA_W
ClientSampleId :
DBGY2

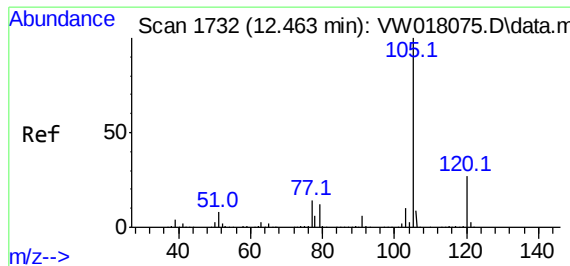
Tgt Ion:106 Resp: 990
Ion Ratio Lower Upper
106 100
91 225.6 147.6 274.2



#56
Styrene
Concen: 0.27 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW018084.D
Acq: 11 Feb 2021 14:49

Tgt Ion:104 Resp: 1339
Ion Ratio Lower Upper
104 100
78 51.4 31.3 58.1

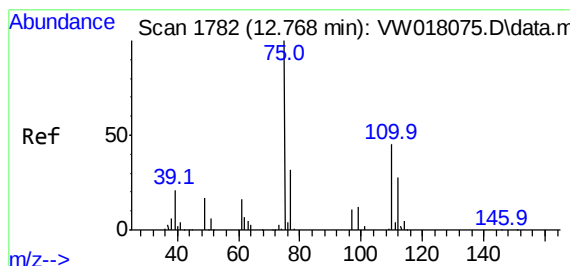
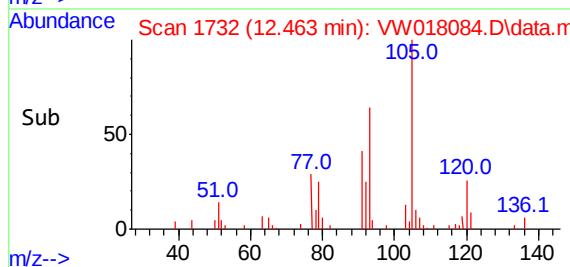
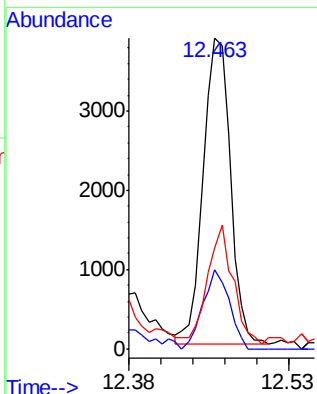
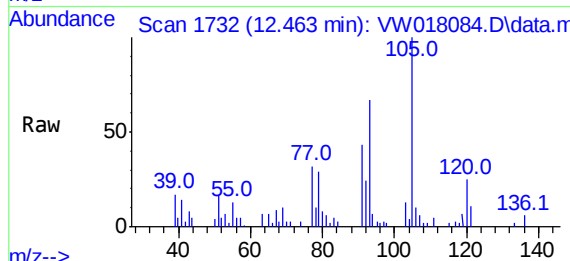




#57
Isopropylbenzene
Concen: 0.82 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW018084.D
Acq: 11 Feb 2021 14:49

Instrument :
MSVOA_W
ClientSampleId :
DBGY2

Tgt Ion: 105 Resp: 6679
Ion Ratio Lower Upper
105 100
120 24.9 21.4 32.2
77 36.2 12.1 18.1#



#59
1,2,3-Trichloropropane
Concen: 2.86 ug/L
RT: 13.560 min Scan# 1912
Delta R.T. 0.792 min
Lab File: VW018084.D
Acq: 11 Feb 2021 14:49

Tgt Ion: 75 Resp: 3242
Ion Ratio Lower Upper
75 100
77 37.3 26.6 39.8

