

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021121\
 Data File : VW018083.D
 Acq On : 11 Feb 2021 14:25
 Operator : SY/VA
 Sample : M1370-05
 Misc : 5.48G/10ML/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBGY1

Quant Time: Feb 12 02:40:41 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)

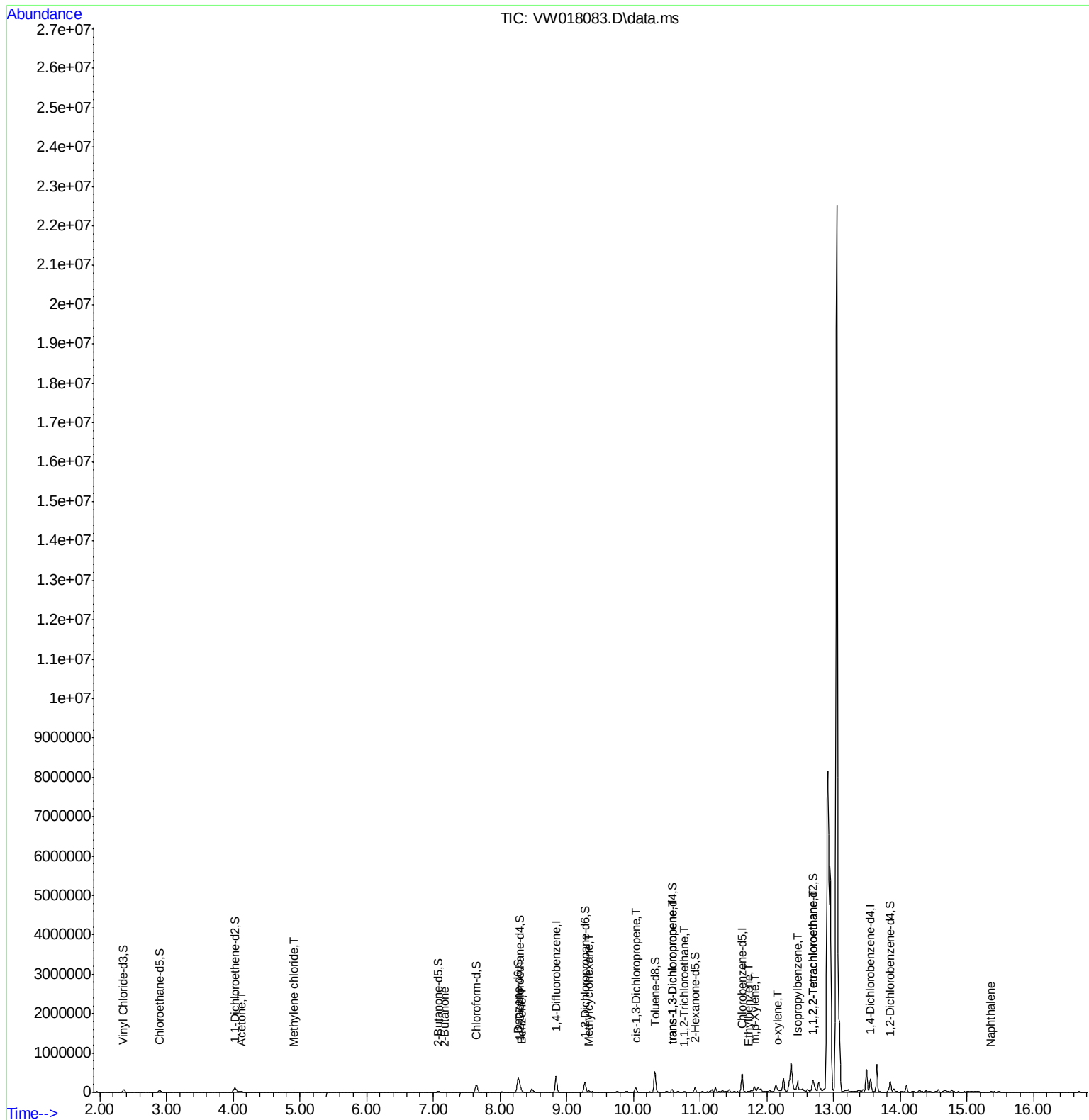
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	363529	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.633	117	286173	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	98076	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	85916	19.02	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	76.08%		
7) Chloroethane-d5	2.891	69	73940	20.62	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	82.48%		
10) 1,1-Dichloroethene-d2	4.025	63	129591	14.35	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	57.40%		
20) 2-Butanone-d5	7.073	46	46154	38.28	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	76.56%		
24) Chloroform-d	7.646	84	208037	21.81	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	87.24%		
26) 1,2-Dichloroethane-d4	8.305	65	107181	21.09	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	84.36%		
29) Benzene-d6	8.274	84	394911	25.13	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	100.52%		
33) 1,2-Dichloropropane-d6	9.274	67	115799	26.35	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	105.40%		
37) Toluene-d8	10.323	98	342952	22.94	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	91.76%		
38) trans-1,3-Dichloroprop...	10.579	79	42003	21.08	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	84.32%		
39) 2-Hexanone-d5	10.926	63	37576	44.72	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	89.44%		
48) 1,1,2,2-Tetrachloroeth...	12.694	84	80419	20.83	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	83.32%		
61) 1,2-Dichlorobenzene-d4	13.853	152	77038	22.02	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	88.08%		
Target Compounds						Qvalue
13) Acetone	4.123	43	48283	54.13	ug/L	99
16) Methylene chloride	4.915	84	7373	1.27	ug/L	82
21) 2-Butanone	7.171	43	4484	3.30	ug/L	97
34) Benzene	8.323	78	13301	0.80	ug/L	100
36) Methylcyclohexane	9.335	83	11288	1.42	ug/L #	85
42) cis-1,3-Dichloropropene	10.036	75	3069	0.50	ug/L #	73
45) trans-1,3-Dichloropropene	10.579	75	1736	0.32	ug/L #	73
46) 1,1,2-Trichloroethane	10.762	97	5986	1.83	ug/L #	24
53) Ethylbenzene	11.731	91	4951	0.24	ug/L	98
54) m,p-Xylene	11.829	106	2524	0.32	ug/L #	1
55) o-xylene	12.164	106	1904	0.25	ug/L	95
57) Isopropylbenzene	12.463	105	154897	7.35	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.694	83	3604	0.93	ug/L #	54
69) Naphthalene	15.364	128	7908	1.02	ug/L #	94

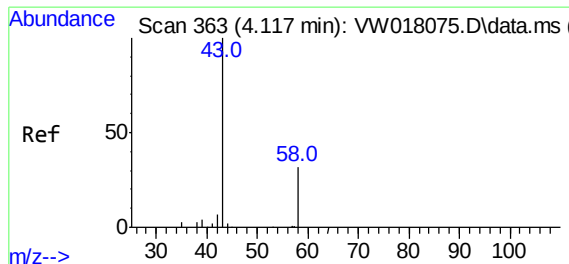
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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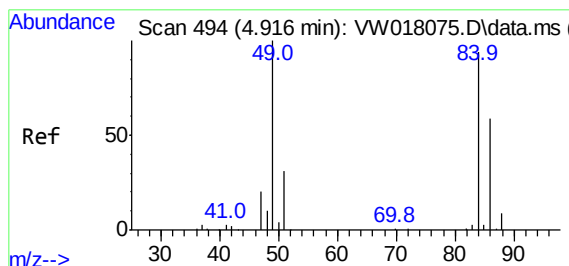
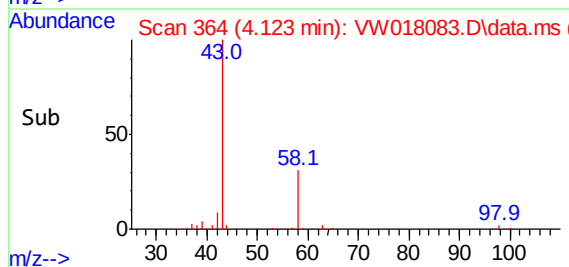
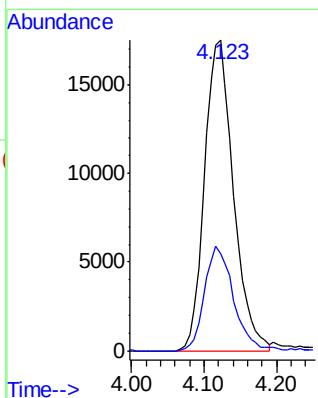
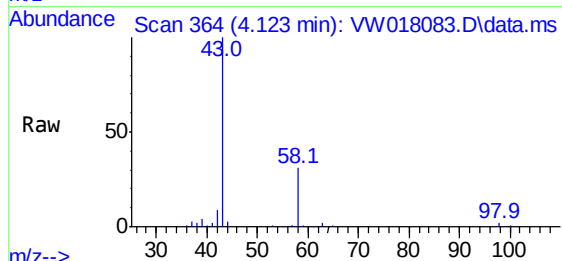




#13
Acetone
Concen: 54.13 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW018083.D
Acq: 11 Feb 2021 14:25

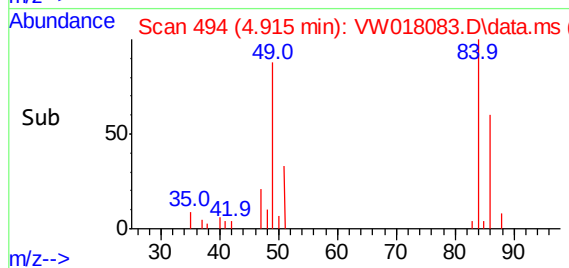
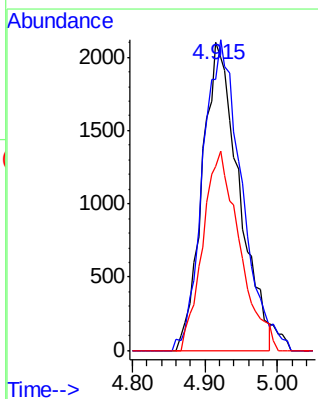
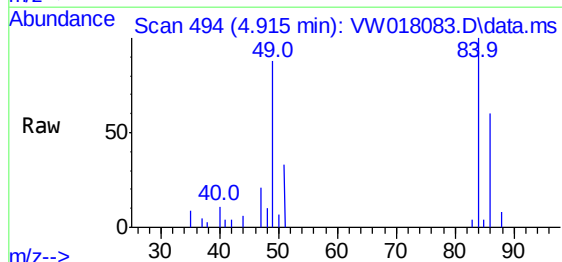
Instrument :
MSVOA_W
ClientSampled :
DBGY1

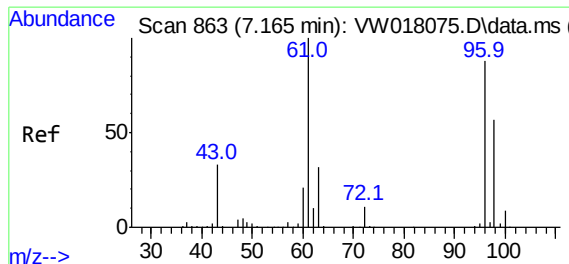
Tgt Ion: 43 Resp: 48283
Ion Ratio Lower Upper
43 100
58 33.4 0.0 68.4



#16
Methylene chloride
Concen: 1.27 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW018083.D
Acq: 11 Feb 2021 14:25

Tgt Ion: 84 Resp: 7373
Ion Ratio Lower Upper
84 100
49 87.9 81.2 150.8
86 59.8 44.5 82.7

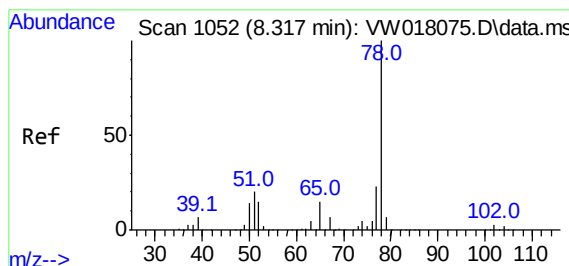
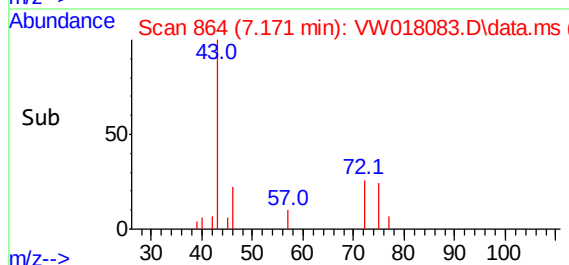
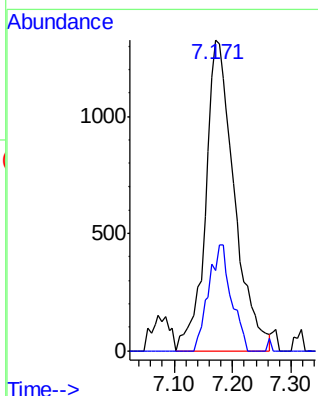
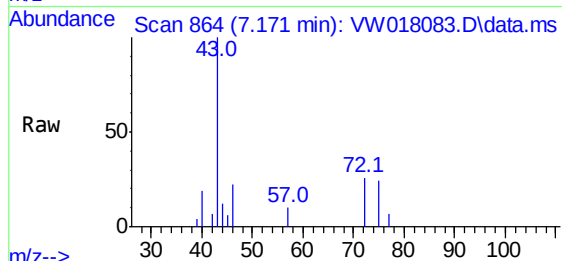




#21
2-Butanone
Concen: 3.30 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW018083.D
Acq: 11 Feb 2021 14:25

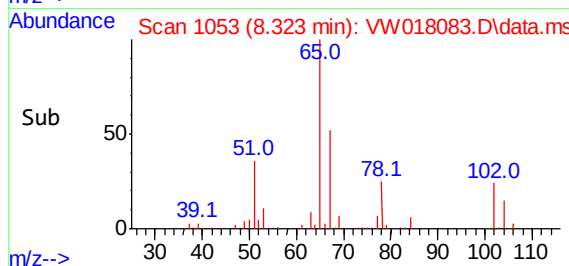
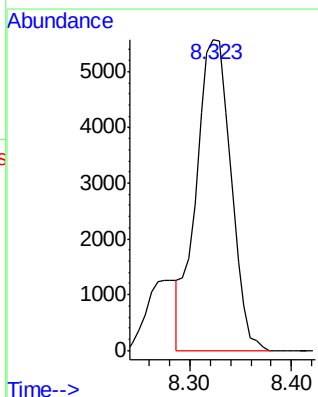
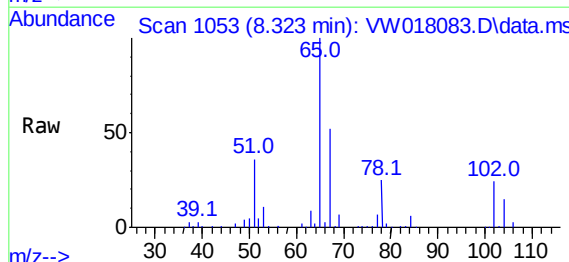
Instrument :
MSVOA_W
ClientSampled :
DBGY1

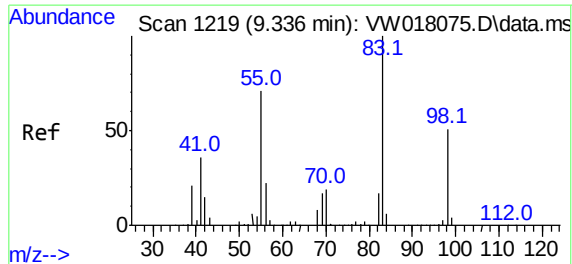
Tgt Ion: 43 Resp: 4484
Ion Ratio Lower Upper
43 100
72 27.3 14.4 43.2



#34
Benzene
Concen: 0.80 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VW018083.D
Acq: 11 Feb 2021 14:25

Tgt Ion: 78 Resp: 13301

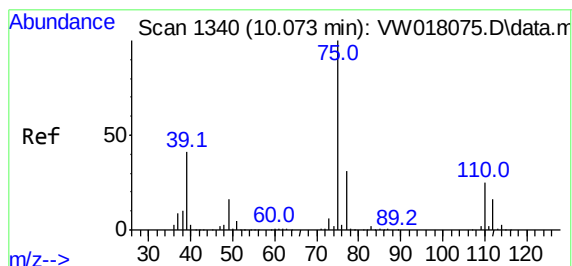
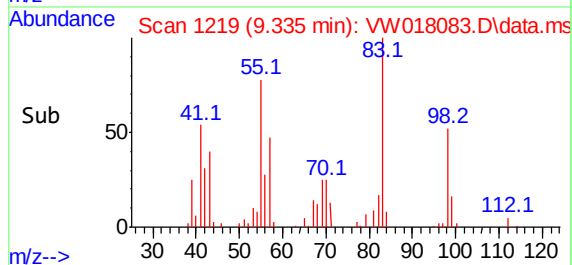
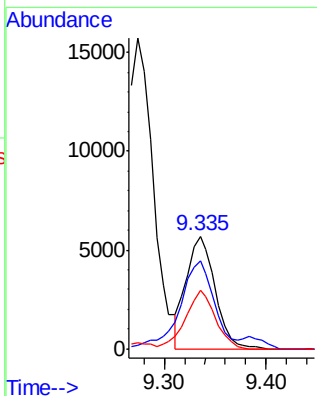
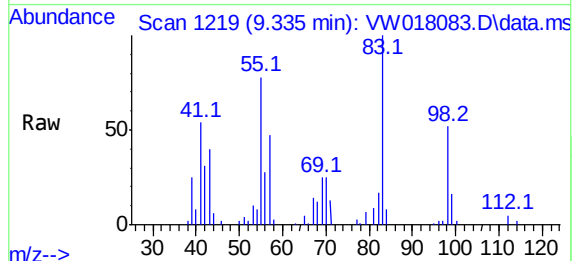




#36
Methylcyclohexane
Concen: 1.42 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW018083.D
Acq: 11 Feb 2021 14:25

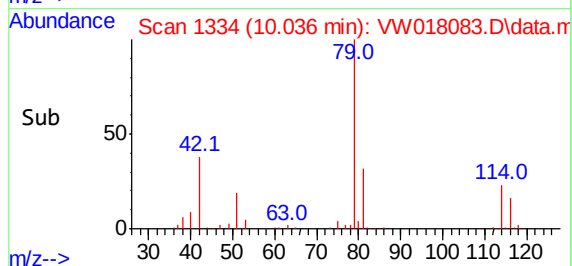
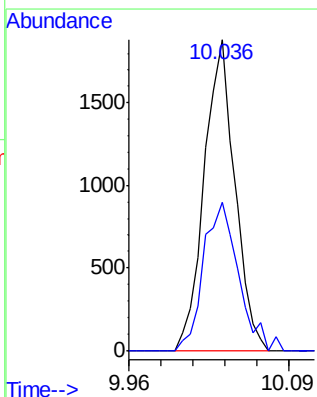
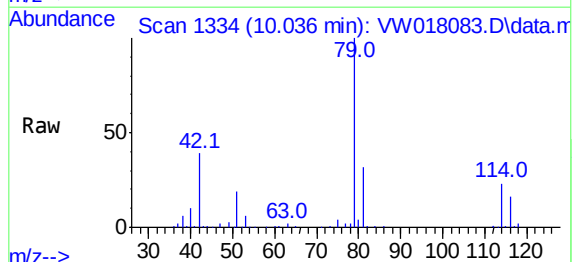
Instrument :
MSVOA_W
ClientSampleId :
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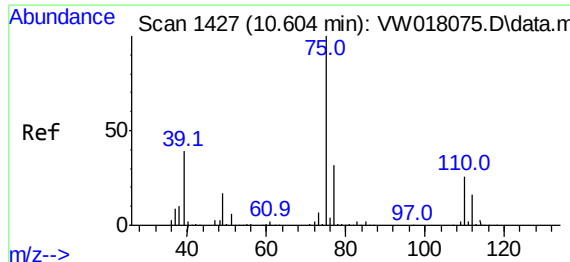
Tgt Ion: 83 Resp: 11288
Ion Ratio Lower Upper
83 100
55 93.2 59.4 89.0#
98 53.5 40.7 61.1



#42
cis-1,3-Dichloropropene
Concen: 0.50 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018083.D
Acq: 11 Feb 2021 14:25

Tgt Ion: 75 Resp: 3069
Ion Ratio Lower Upper
75 100
77 47.7 22.7 42.3#

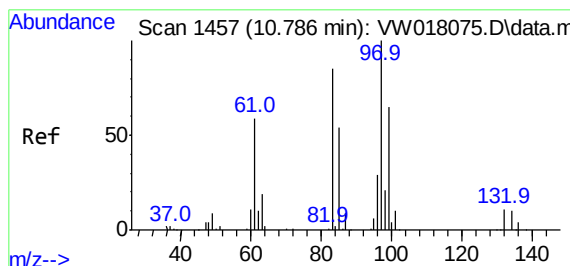
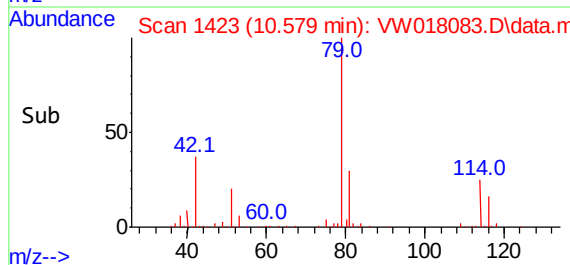
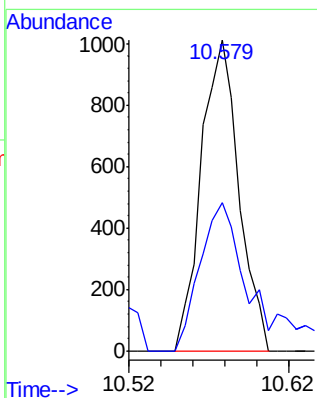
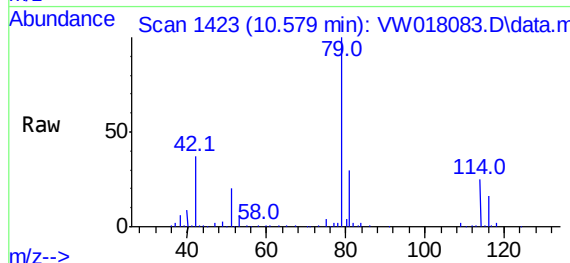




#45
trans-1,3-Dichloropropene
Concen: 0.32 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.025 min
Lab File: VW018083.D
Acq: 11 Feb 2021 14:25

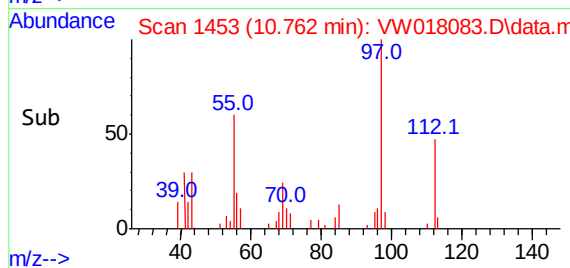
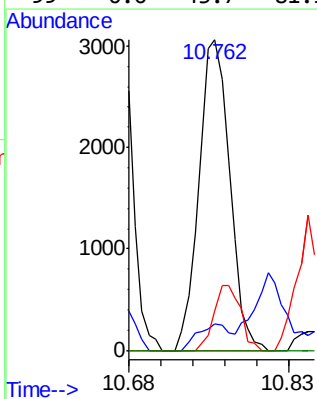
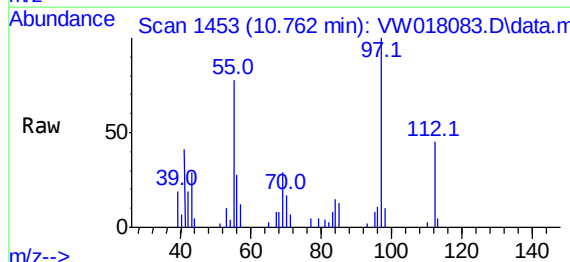
Instrument :
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ClientSampled :
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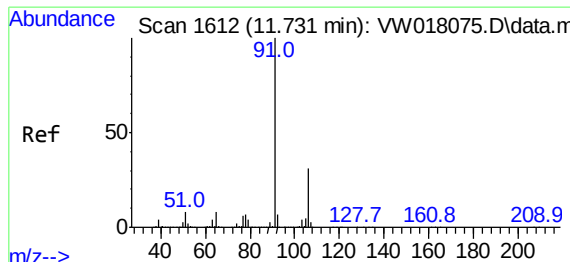
Tgt Ion: 75 Resp: 1736
Ion Ratio Lower Upper
75 100
77 47.5 22.6 42.0#



#46
1,1,2-Trichloroethane
Concen: 1.83 ug/L
RT: 10.762 min Scan# 1453
Delta R.T. -0.025 min
Lab File: VW018083.D
Acq: 11 Feb 2021 14:25

Tgt Ion: 97 Resp: 5986
Ion Ratio Lower Upper
97 100
83 8.4 58.5 108.7#
85 12.5 37.8 70.2#
99 0.0 43.7 81.1#

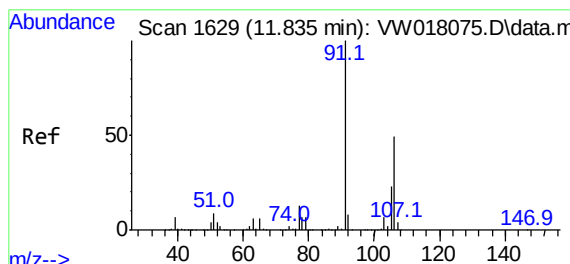
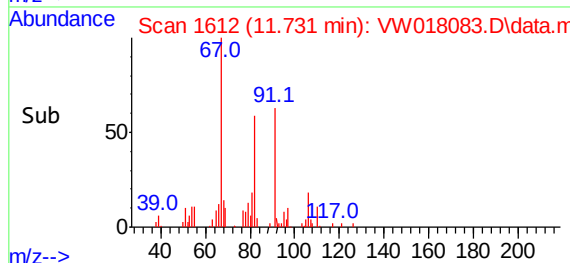
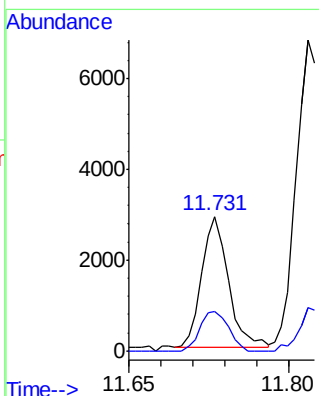
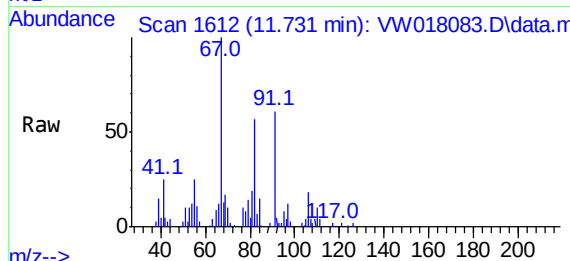




#53
Ethylbenzene
Concen: 0.24 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW018083.D
Acq: 11 Feb 2021 14:25

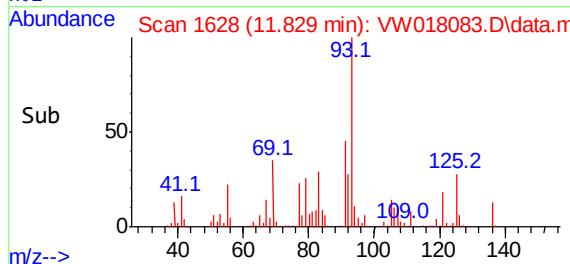
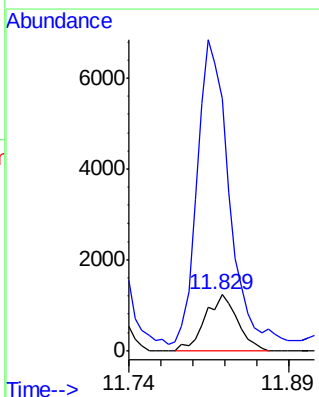
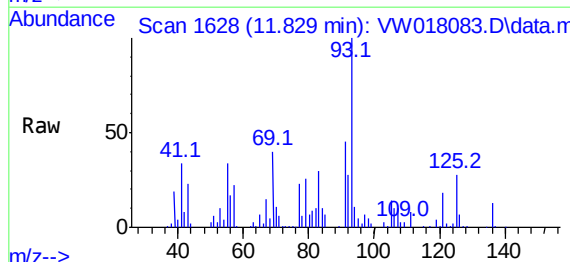
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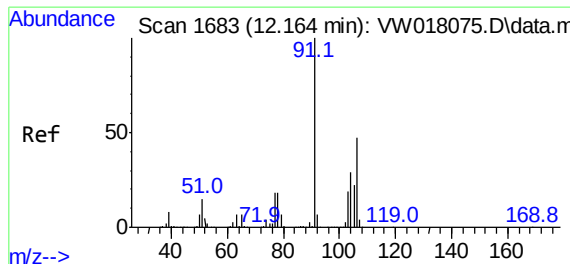
Tgt Ion: 91 Resp: 4951
Ion Ratio Lower Upper
91 100
106 29.1 21.1 39.1



#54
m,p-Xylene
Concen: 0.32 ug/L
RT: 11.829 min Scan# 1628
Delta R.T. -0.007 min
Lab File: VW018083.D
Acq: 11 Feb 2021 14:25

Tgt Ion: 106 Resp: 2524
Ion Ratio Lower Upper
106 100
91 452.4 136.4 253.4#

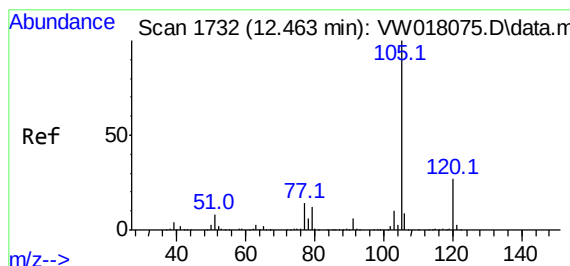
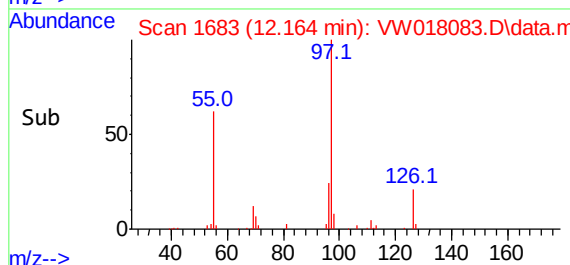
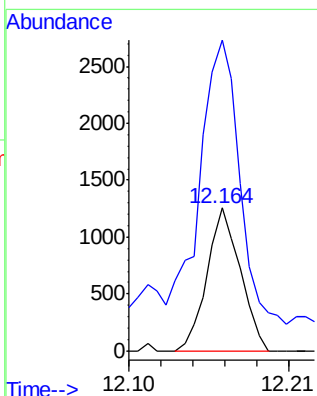
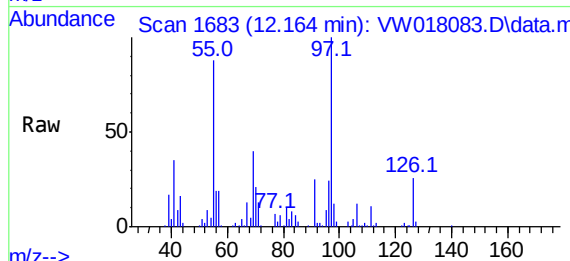




#55
o-xylene
Concen: 0.25 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW018083.D
Acq: 11 Feb 2021 14:25

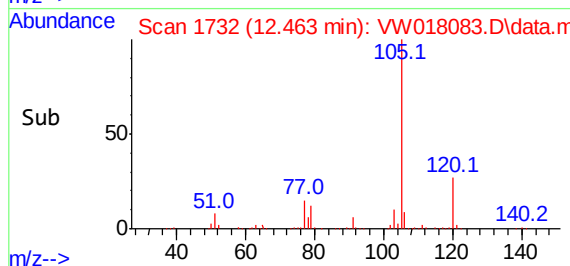
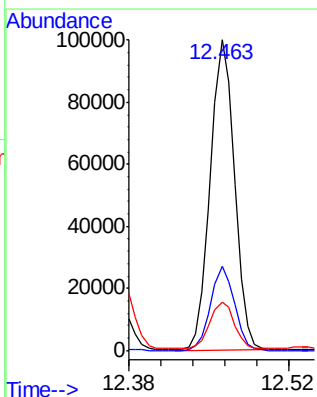
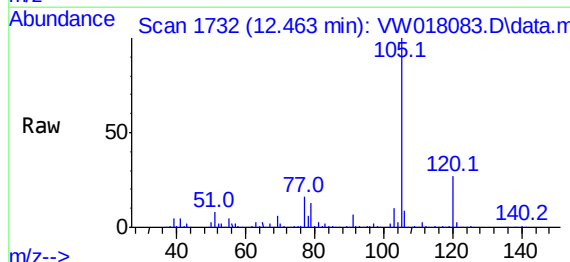
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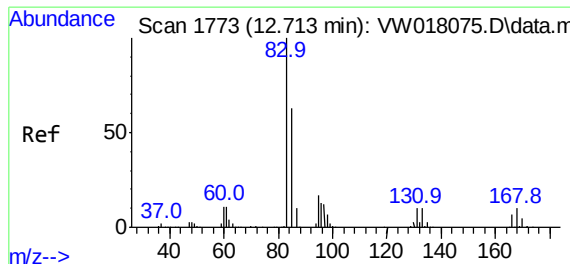
Tgt Ion:106 Resp: 1904
Ion Ratio Lower Upper
106 100
91 218.0 147.6 274.2



#57
Isopropylbenzene
Concen: 7.35 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW018083.D
Acq: 11 Feb 2021 14:25

Tgt Ion:105 Resp: 154897
Ion Ratio Lower Upper
105 100
120 26.5 21.4 32.2
77 15.1 12.1 18.1

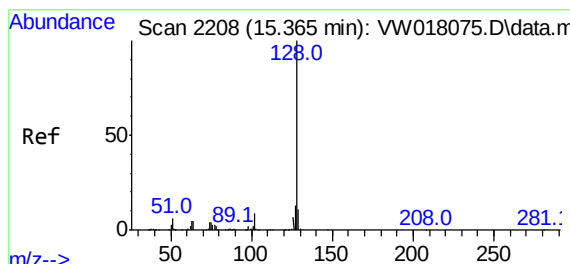
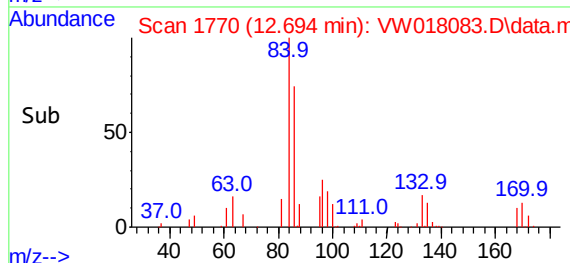
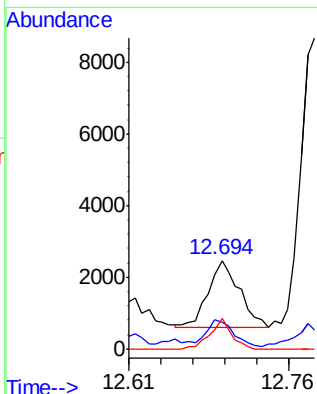
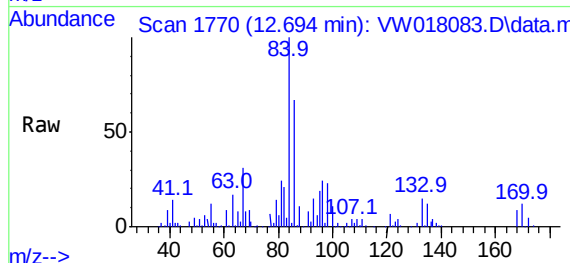




#58
1,1,2,2-Tetrachloroethane
Concen: 0.93 ug/L
RT: 12.694 min Scan# 1770
Delta R.T. -0.019 min
Lab File: VW018083.D
Acq: 11 Feb 2021 14:25

Instrument :
MSVOA_W
ClientSampleId :
DBGY1

Tgt Ion: 83 Resp: 3604
Ion Ratio Lower Upper
83 100
85 30.4 45.3 84.1#
131 34.1 8.3 12.5#



#69
Naphthalene
Concen: 1.02 ug/L
RT: 15.364 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW018083.D
Acq: 11 Feb 2021 14:25

Tgt Ion: 128 Resp: 7908
Ion Ratio Lower Upper
128 100
129 8.3 8.7 13.1#
127 15.2 10.7 16.1

