

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021121\
 Data File : VW018088.D
 Acq On : 11 Feb 2021 16:25
 Operator : SY/VA
 Sample : M1370-09
 Misc : 6.35G/10ML/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBGY5

Quant Time: Feb 12 02:42:22 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)

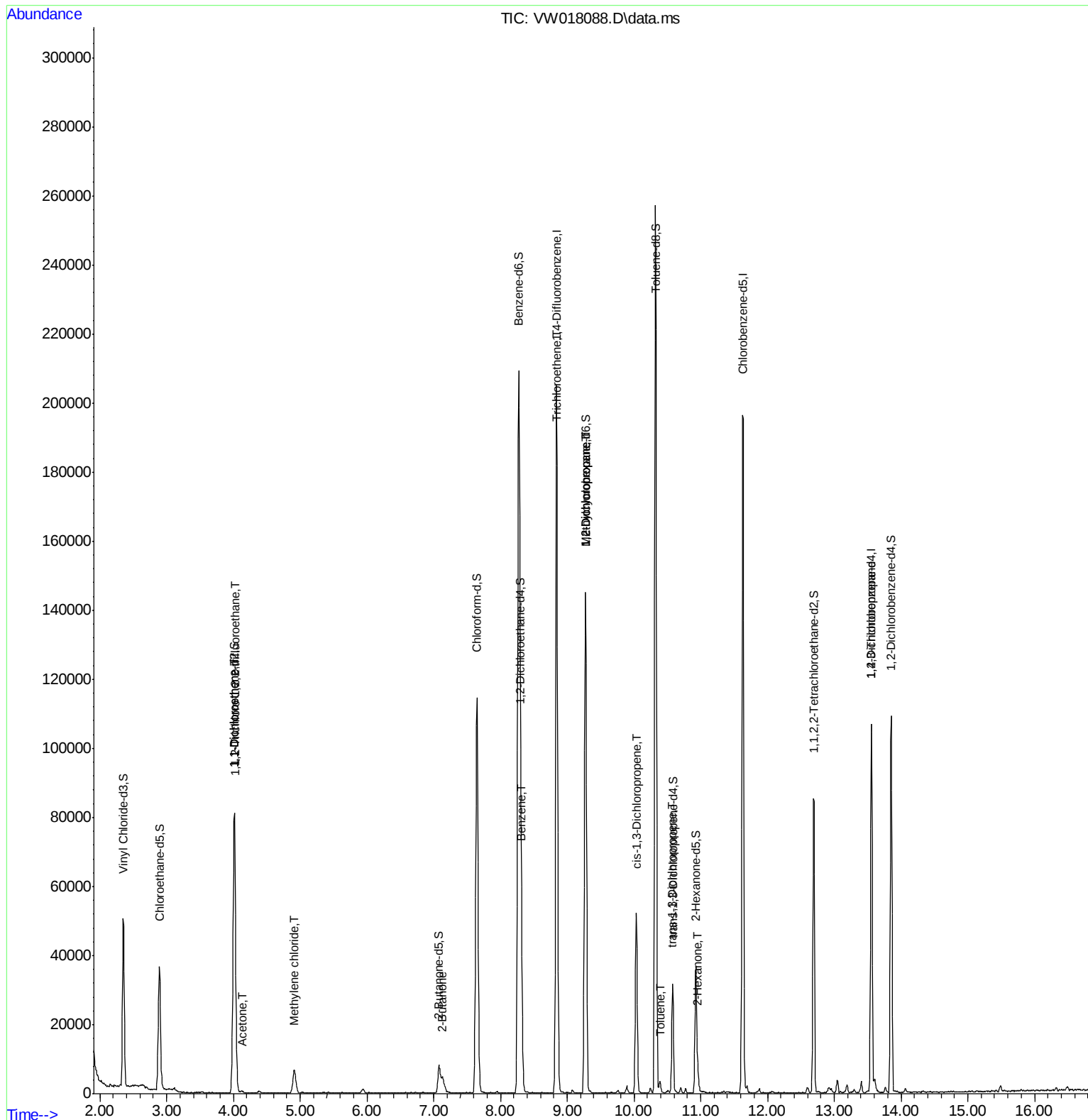
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	181024	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	116914	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	30290	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	51253	22.78	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	91.12%		
7) Chloroethane-d5	2.891	69	45492	25.48	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	101.92%		
10) 1,1-Dichloroethene-d2	4.013	63	79030	17.57	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	70.28%		
20) 2-Butanone-d5	7.080	46	13440	22.39	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	44.78%		
24) Chloroform-d	7.647	84	124430	26.19	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	104.76%		
26) 1,2-Dichloroethane-d4	8.305	65	62189	24.58	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	98.32%		
29) Benzene-d6	8.275	84	223428	34.80	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	139.20%#		
33) 1,2-Dichloropropane-d6	9.274	67	68181	37.97	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	151.88%#		
37) Toluene-d8	10.323	98	174260	28.53	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	114.12%		
38) trans-1,3-Dichloroprop...	10.579	79	18000	22.12	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	88.48%		
39) 2-Hexanone-d5	10.926	63	12850	37.43	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	74.86%		
48) 1,1,2,2-Tetrachloroeth...	12.688	84	43311	27.46	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	109.84%		
61) 1,2-Dichlorobenzene-d4	13.853	152	30940	28.63	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	114.52%		
Target Compounds					Qvalue	
11) 1,1,2-Trichloro-1,2,2-...	4.019	101	722	0.28	ug/L #	35
12) 1,1-Dichloroethene	4.013	96	674	0.28	ug/L #	1
13) Acetone	4.129	43	959	2.16	ug/L	63
16) Methylene chloride	4.915	84	5770	1.99	ug/L	88
21) 2-Butanone	7.134	43	5537	8.19	ug/L #	46
34) Benzene	8.317	78	3713	0.54	ug/L	100
35) Trichloroethene	8.848	95	5450	2.83	ug/L #	3
36) Methylcyclohexane	9.274	83	17904	5.53	ug/L #	20
40) 1,2-Dichloropropane	9.274	63	7780	4.96	ug/L #	84
42) cis-1,3-Dichloropropene	10.036	75	1284	0.51	ug/L #	54
44) Toluene	10.390	91	2511	0.33	ug/L	95
45) trans-1,3-Dichloropropene	10.573	75	785	0.36	ug/L #	51
49) 2-Hexanone	10.951	43	4316	6.37	ug/L #	41
59) 1,2,3-Trichloropropane	13.554	75	3120	2.60	ug/L	91

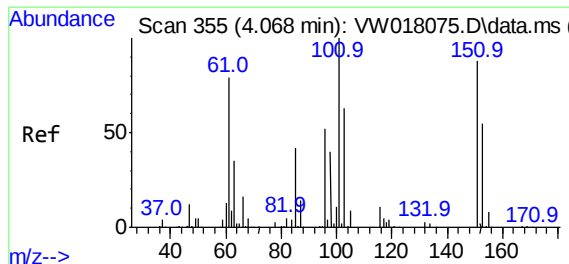
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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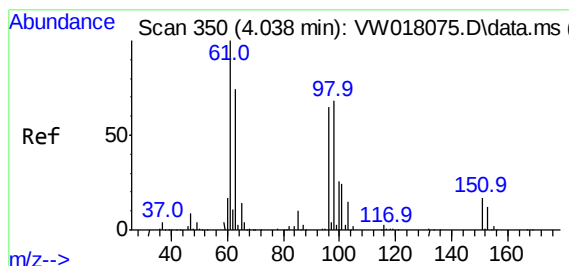
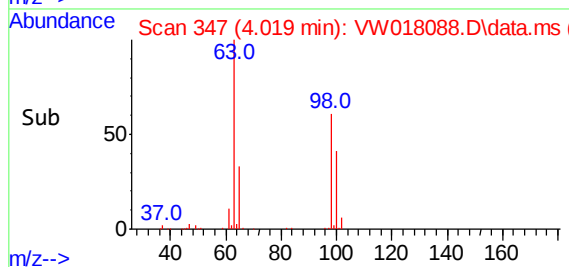
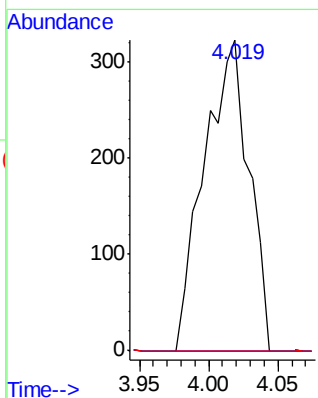
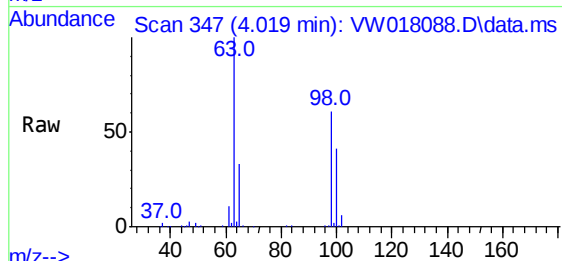




#11
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.28 ug/L
 RT: 4.019 min Scan# 347
 Delta R.T. -0.049 min
 Lab File: VW018088.D
 Acq: 11 Feb 2021 16:25

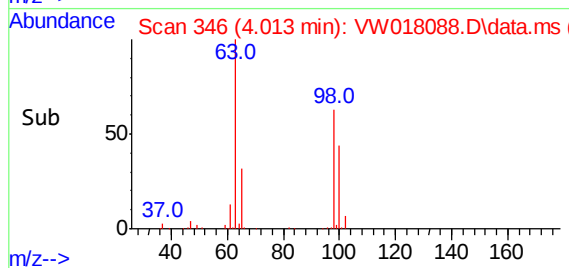
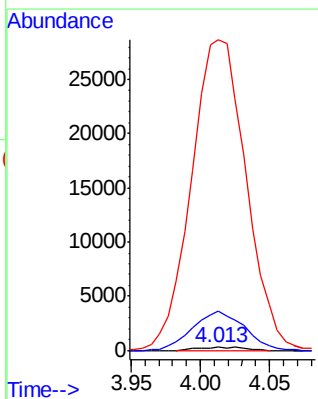
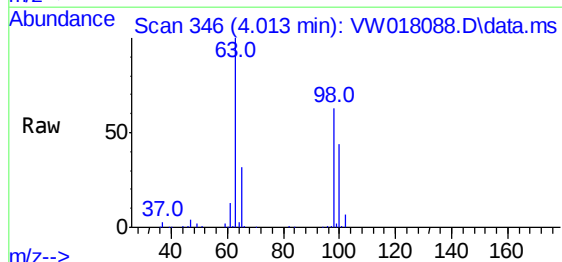
Instrument :
 MSVOA_W
 ClientSampled :
 DBGY5

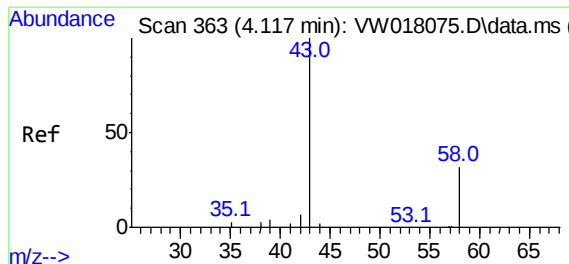
Tgt Ion:101 Resp: 722
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.2 51.4#
 151 0.0 30.4 45.6#



#12
 1,1-Dichloroethene
 Concen: 0.28 ug/L
 RT: 4.013 min Scan# 346
 Delta R.T. -0.025 min
 Lab File: VW018088.D
 Acq: 11 Feb 2021 16:25

Tgt Ion: 96 Resp: 674
 Ion Ratio Lower Upper
 96 100
 61 1171.0 112.5 208.9#
 63 9128.7 83.1 154.3#

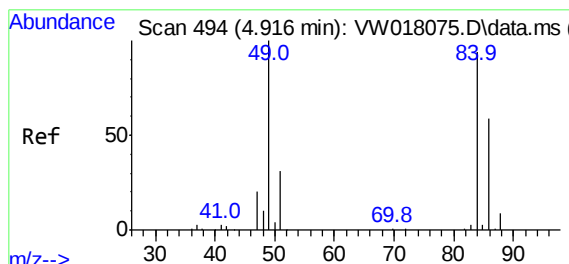
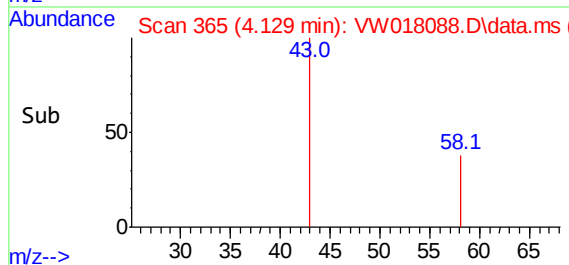
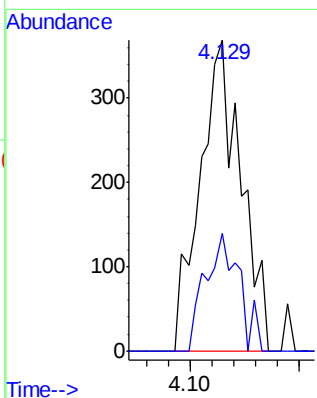
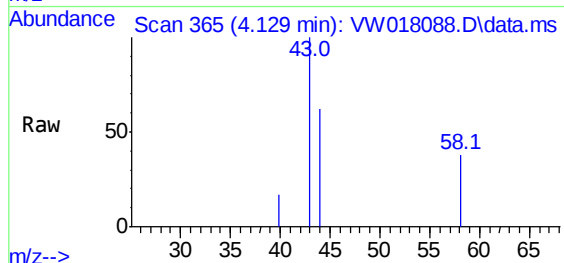




#13
Acetone
Concen: 2.16 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.012 min
Lab File: VW018088.D
Acq: 11 Feb 2021 16:25

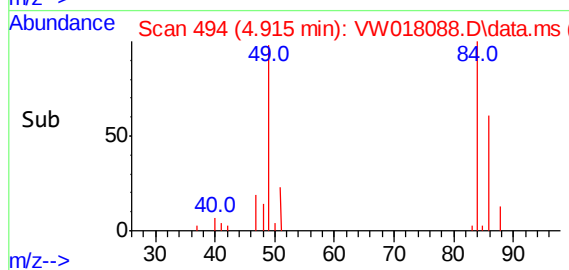
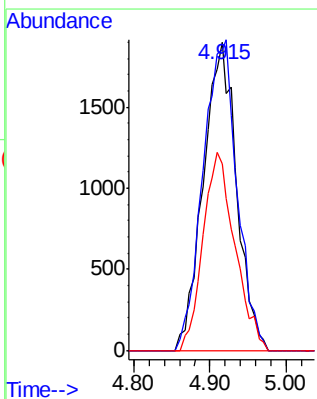
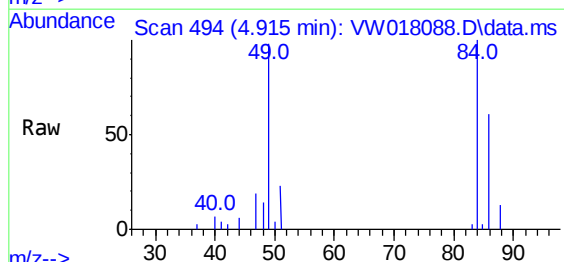
Instrument :
MSVOA_W
ClientSampleId :
DBGY5

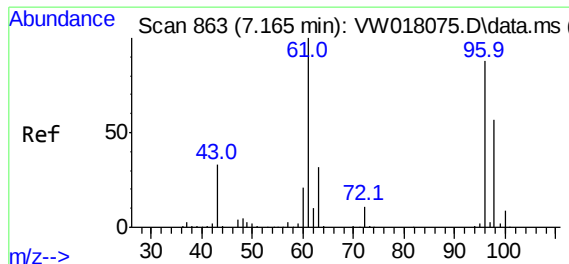
Tgt Ion: 43 Resp: 959
Ion Ratio Lower Upper
43 100
58 12.7 0.0 68.4



#16
Methylene chloride
Concen: 1.99 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW018088.D
Acq: 11 Feb 2021 16:25

Tgt Ion: 84 Resp: 5770
Ion Ratio Lower Upper
84 100
49 97.6 81.2 150.8
86 60.5 44.5 82.7

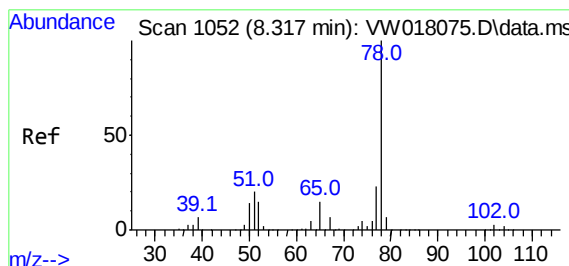
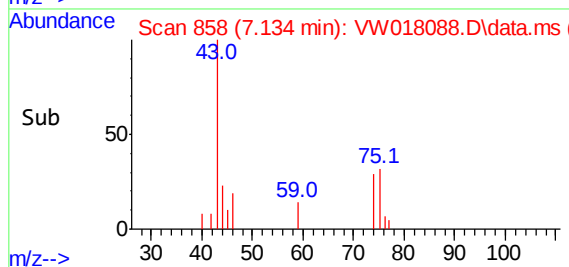
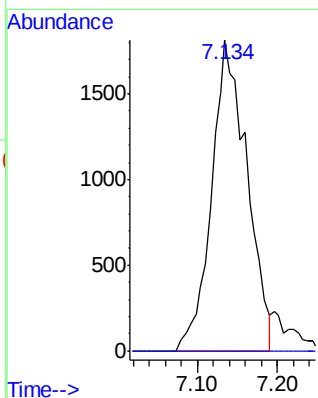
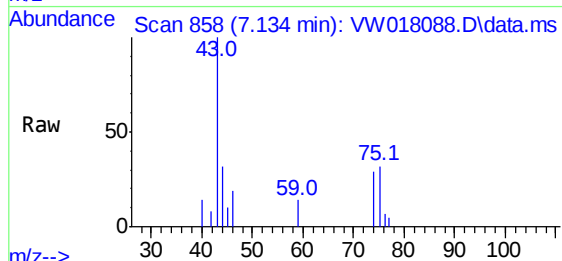




#21
2-Butanone
Concen: 8.19 ug/L
RT: 7.134 min Scan# 858
Delta R.T. -0.031 min
Lab File: VW018088.D
Acq: 11 Feb 2021 16:25

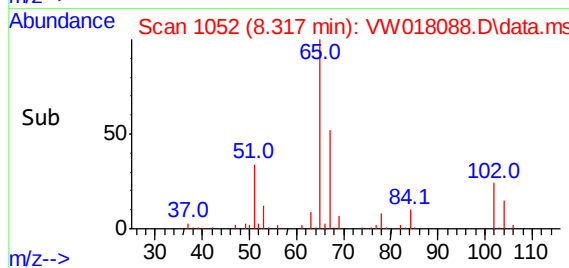
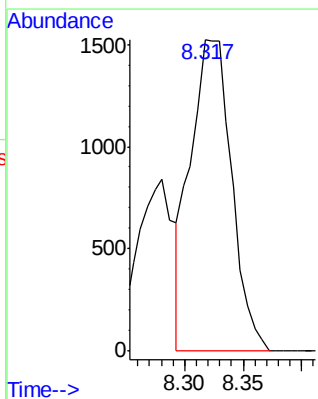
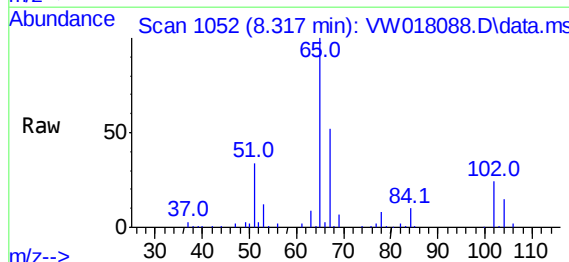
Instrument :
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DBGY5

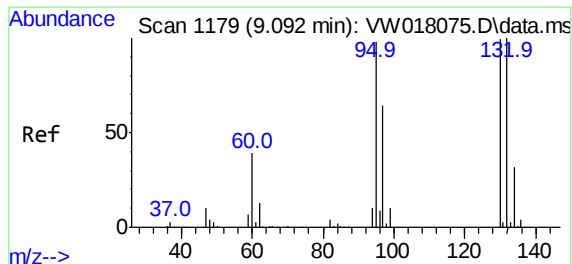
Tgt Ion: 43 Resp: 5537
Ion Ratio Lower Upper
43 100
72 0.0 14.4 43.2#



#34
Benzene
Concen: 0.54 ug/L
RT: 8.317 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VW018088.D
Acq: 11 Feb 2021 16:25

Tgt Ion: 78 Resp: 3713

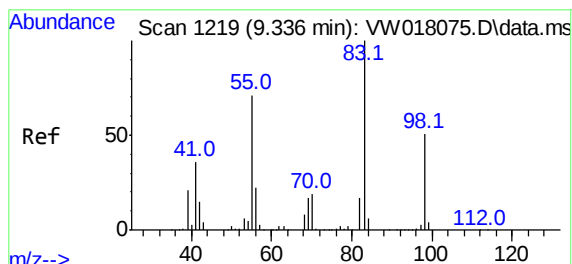
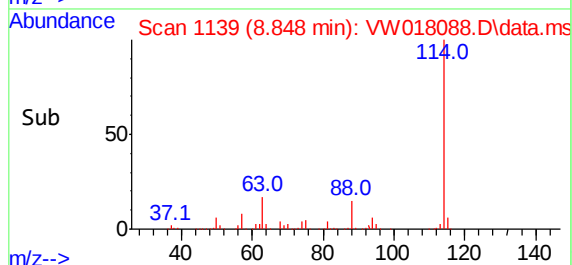
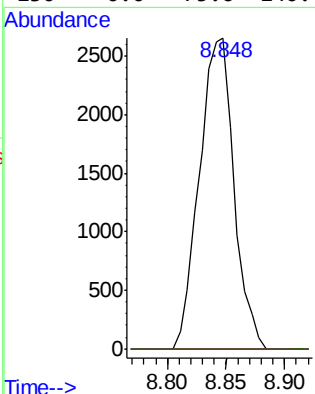
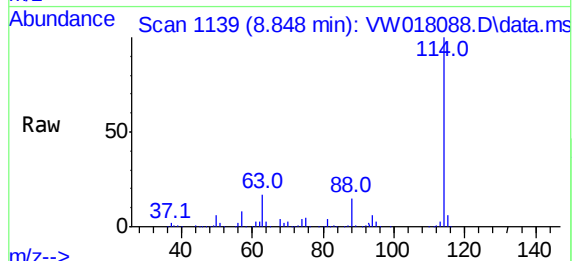




#35
Trichloroethene
Concen: 2.83 ug/L
RT: 8.848 min Scan# 1139
Delta R.T. -0.244 min
Lab File: VW018088.D
Acq: 11 Feb 2021 16:25

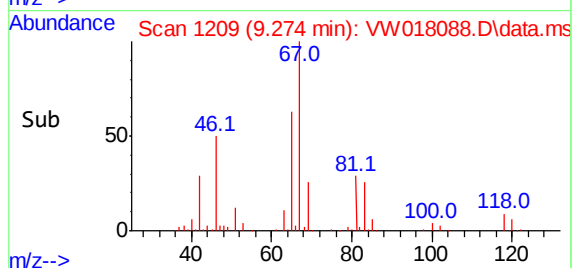
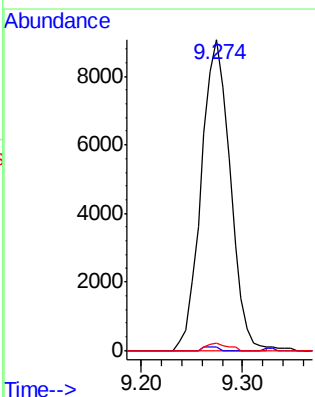
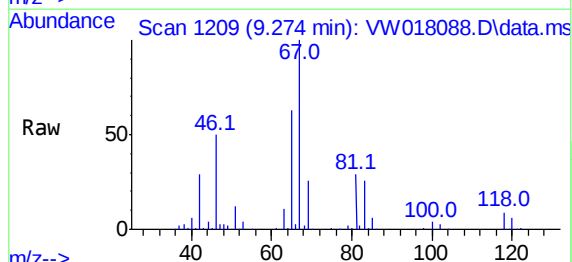
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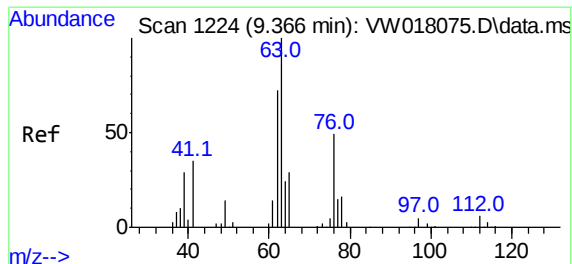
Tgt Ion:	95	Resp:	5450
Ion	Ratio	Lower	Upper
95	100		
97	0.0	45.0	83.6#
132	0.0	71.0	131.8#
130	0.0	75.6	140.4#



#36
Methylcyclohexane
Concen: 5.53 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW018088.D
Acq: 11 Feb 2021 16:25

Tgt Ion:	83	Resp:	17904
Ion	Ratio	Lower	Upper
83	100		
55	0.6	59.4	89.0#
98	1.6	40.7	61.1#

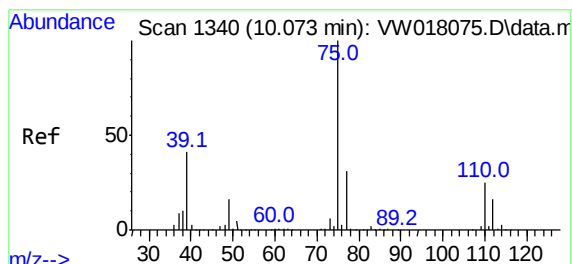
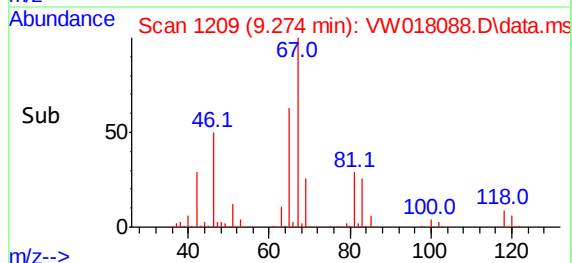
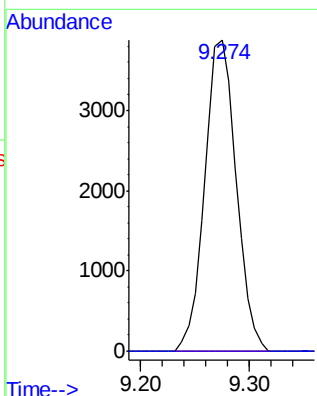
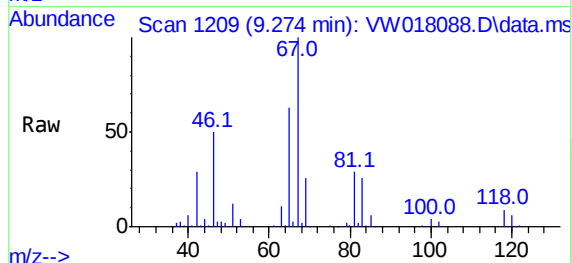




#40
1,2-Dichloropropane
Concen: 4.96 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.092 min
Lab File: VW018088.D
Acq: 11 Feb 2021 16:25

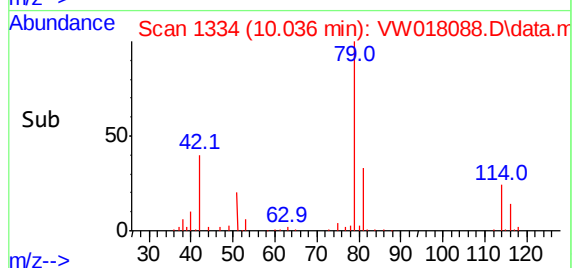
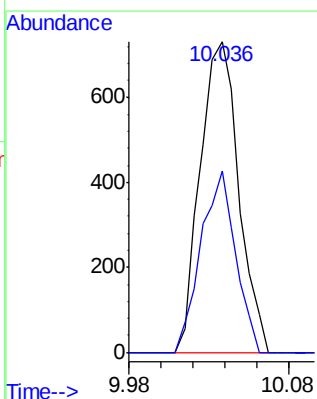
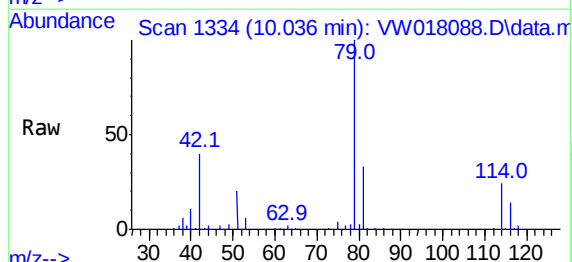
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ClientSampled :
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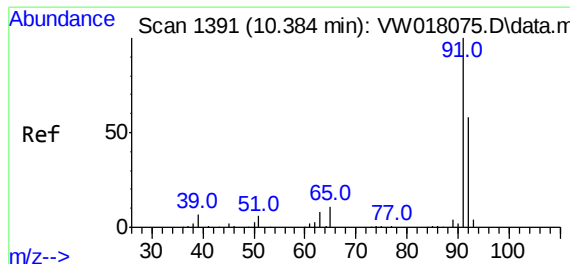
Tgt Ion: 63 Resp: 7780
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#



#42
cis-1,3-Dichloropropene
Concen: 0.51 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018088.D
Acq: 11 Feb 2021 16:25

Tgt Ion: 75 Resp: 1284
Ion Ratio Lower Upper
75 100
77 58.3 22.7 42.3#

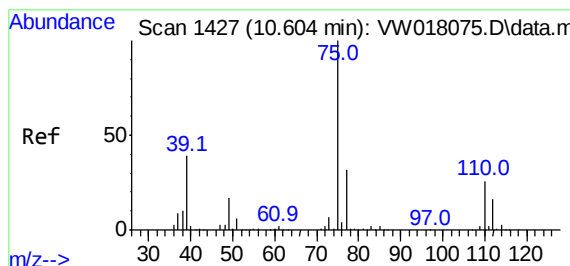
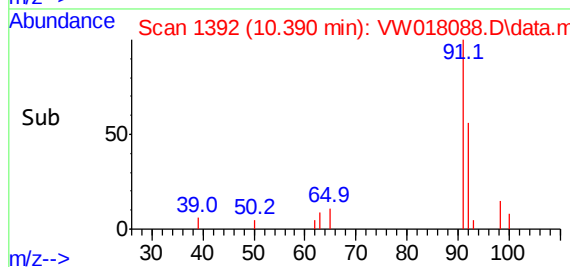
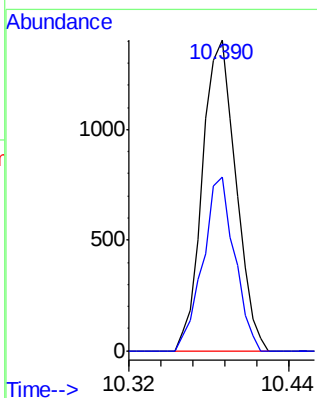
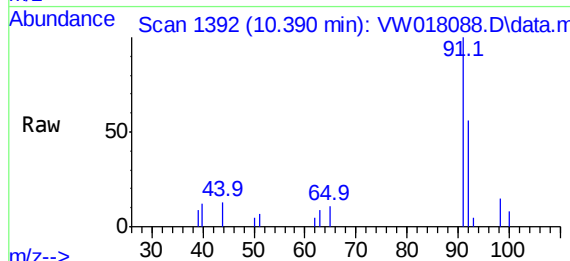




#44
Toluene
Concen: 0.33 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.006 min
Lab File: VW018088.D
Acq: 11 Feb 2021 16:25

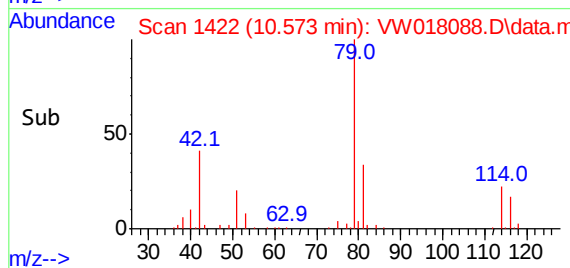
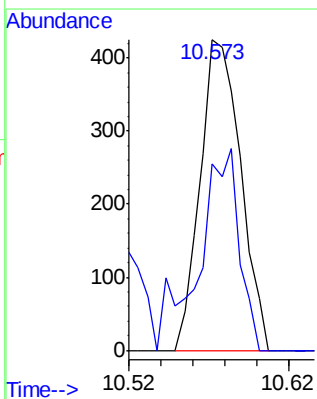
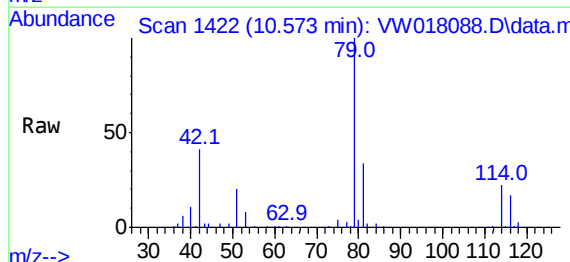
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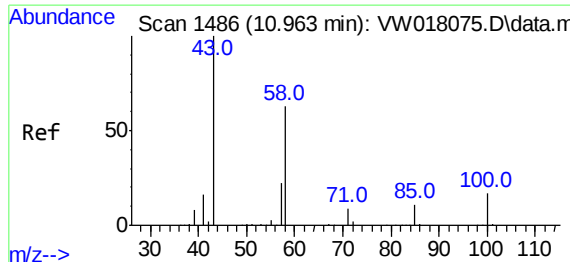
Tgt Ion: 91 Resp: 2511
Ion Ratio Lower Upper
91 100
92 55.8 41.6 77.3



#45
trans-1,3-Dichloropropene
Concen: 0.36 ug/L
RT: 10.573 min Scan# 1422
Delta R.T. -0.031 min
Lab File: VW018088.D
Acq: 11 Feb 2021 16:25

Tgt Ion: 75 Resp: 785
Ion Ratio Lower Upper
75 100
77 60.0 22.6 42.0#

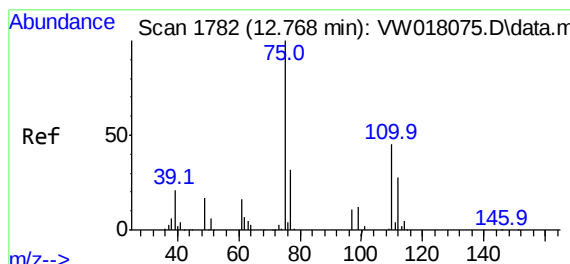
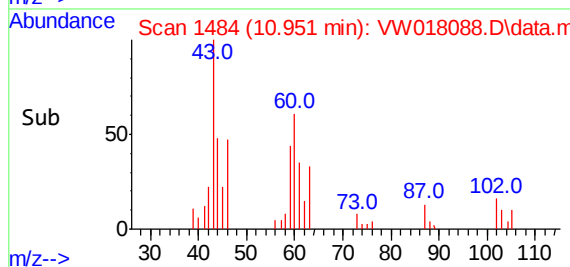
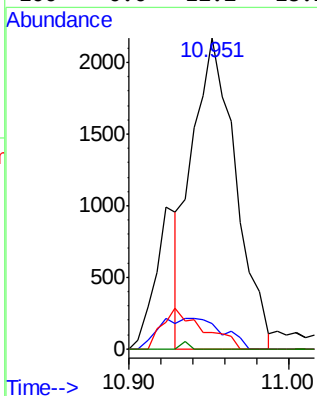
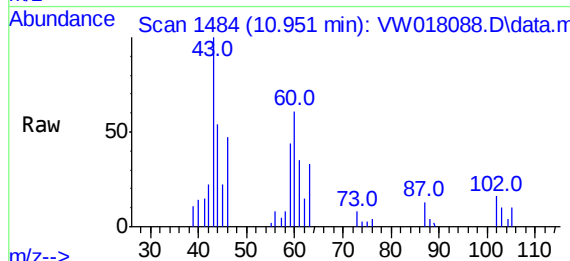




#49
2-Hexanone
Concen: 6.37 ug/L
RT: 10.951 min Scan# 1484
Delta R.T. -0.012 min
Lab File: VW018088.D
Acq: 11 Feb 2021 16:25

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ClientSampleId :
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Tgt Ion:	43	Resp:	4316
Ion	Ratio	Lower	Upper
43	100		
58	4.7	51.3	76.9#
57	9.5	15.0	22.6#
100	0.0	12.2	18.2#



#59
1,2,3-Trichloropropane
Concen: 2.60 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.786 min
Lab File: VW018088.D
Acq: 11 Feb 2021 16:25

Tgt Ion:	75	Resp:	3120
Ion	Ratio	Lower	Upper
75	100		
77	38.0	26.6	39.8

