

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021621\
 Data File : VW018161.D
 Acq On : 16 Feb 2021 14:39
 Operator : SY/VA
 Sample : M1414-04MSD
 Misc : 6.09G/10ML/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBG7MSD

Quant Time: Feb 17 01:06:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 17 01:02:43 2021
 Response via : Initial Calibration

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

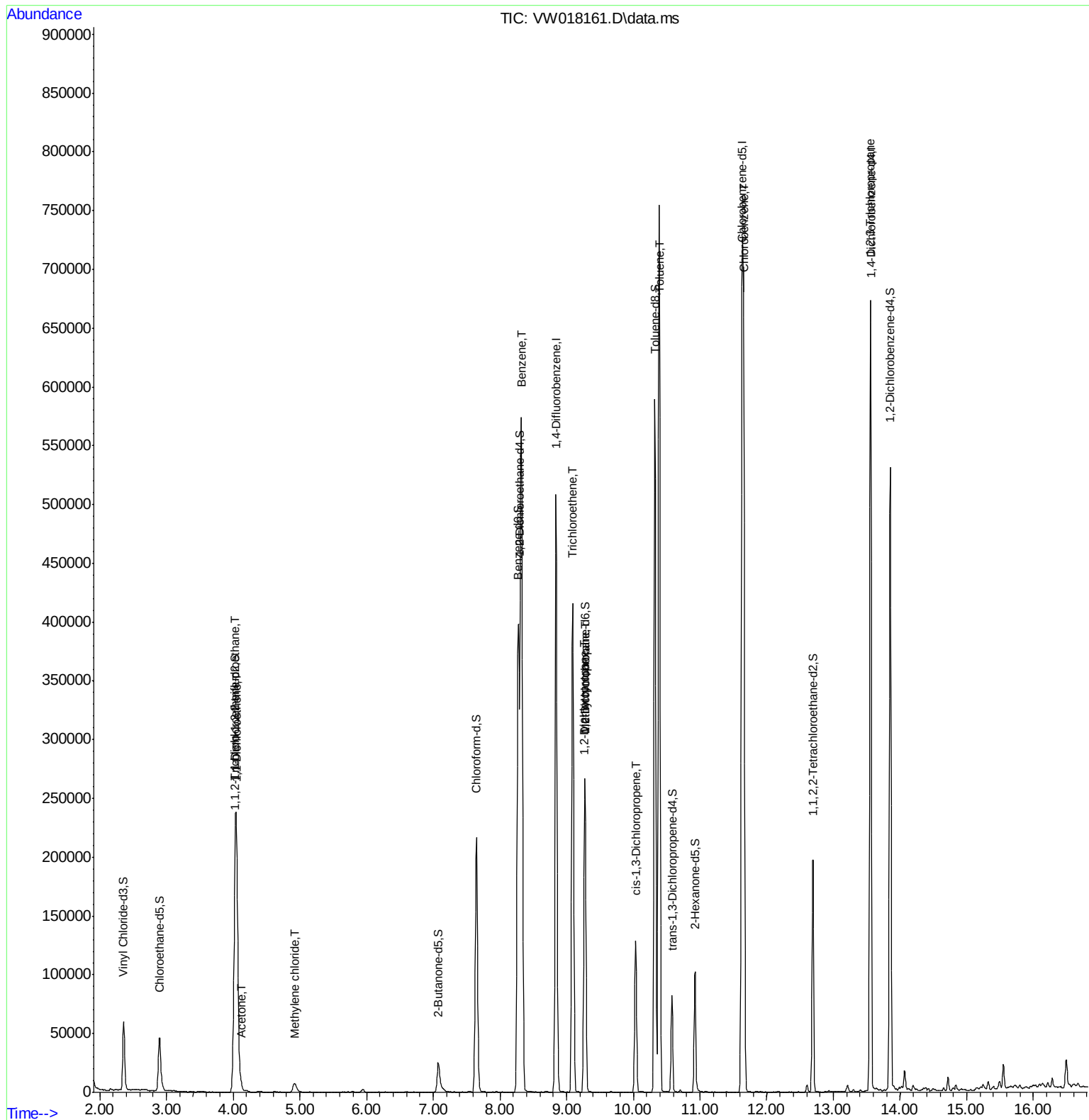
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	454049	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	402702	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	194875	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	71770	12.72	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	50.88%		
7) Chloroethane-d5	2.898	69	68227	15.23	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	60.92%		
10) 1,1-Dichloroethene-d2	4.031	63	186526	16.53	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	66.12%		
20) 2-Butanone-d5	7.080	46	43937	29.18	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	58.36%		
24) Chloroform-d	7.647	84	228736	19.20	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	76.80%		
26) 1,2-Dichloroethane-d4	8.305	65	114276	18.01	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	72.04%		
29) Benzene-d6	8.275	84	433733	19.61	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	78.44%		
33) 1,2-Dichloropropane-d6	9.274	67	126516	20.46	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	81.84%		
37) Toluene-d8	10.323	98	400845	19.05	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	76.20%		
38) trans-1,3-Dichloroprop...	10.579	79	46761	16.68	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	66.72%		
39) 2-Hexanone-d5	10.920	63	36942	31.24	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	62.48%		
48) 1,1,2,2-Tetrachloroeth...	12.688	84	98676	18.16	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	72.64%		
61) 1,2-Dichlorobenzene-d4	13.853	152	152966	22.00	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	88.00%		
Target Compounds						
11) 1,1,2-Trichloro-1,2,2-...	4.025	101	1805	0.28	ug/L #	35
12) 1,1-Dichloroethene	4.050	96	121882	20.09	ug/L	90
13) Acetone	4.123	43	3313	2.97	ug/L	67
16) Methylene chloride	4.928	84	7670	1.05	ug/L	80
34) Benzene	8.323	78	536731	22.80	ug/L	100
35) Trichloroethene	9.092	95	147290	22.21	ug/L	100
36) Methylcyclohexane	9.274	83	33042	2.96	ug/L #	19
40) 1,2-Dichloropropane	9.268	63	14183	2.63	ug/L #	84
42) cis-1,3-Dichloropropene	10.037	75	3338	0.38	ug/L #	73
44) Toluene	10.390	91	584193	22.55	ug/L	98
52) Chlorobenzene	11.658	112	369957	21.68	ug/L	100
59) 1,2,3-Trichloropropane	13.554	75	19037	4.61	ug/L	99

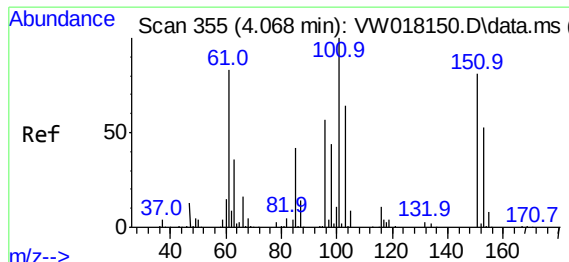
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 14 Sample Multiplier: 1

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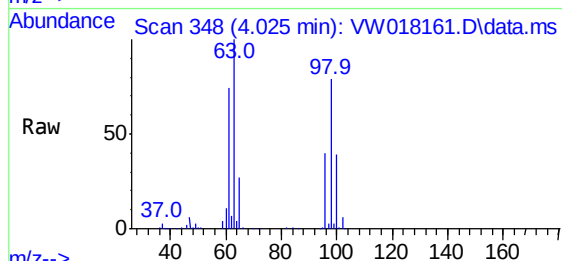
Quant Time: Feb 17 01:06:01 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
Quant Title : VOC Analysis
QLast Update : Wed Feb 17 01:02:43 2021
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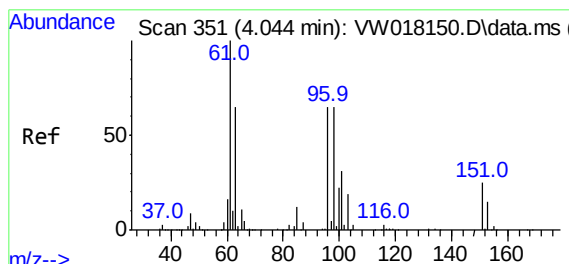
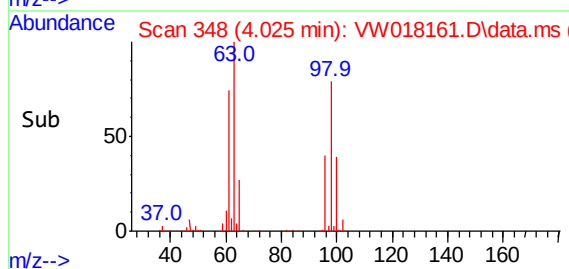
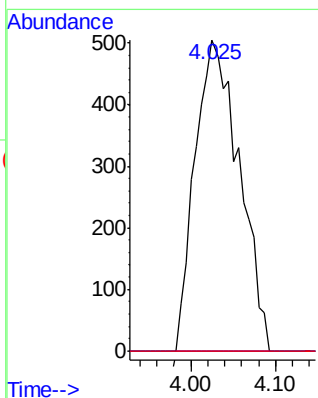
#11
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.28 ug/L
 RT: 4.025 min Scan# 348
 Delta R.T. -0.043 min
 Lab File: VW018161.D
 Acq: 16 Feb 2021 14:39

Instrument :
 MSVOA_W
 ClientSampleId :
 DBG7MSD



Tgt Ion:101 Resp: 1805

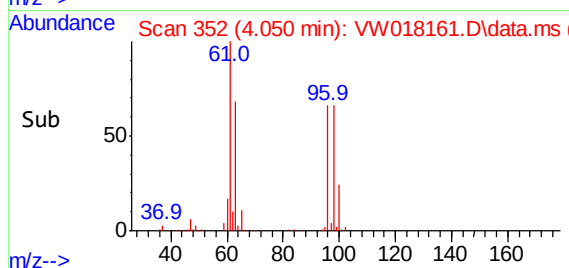
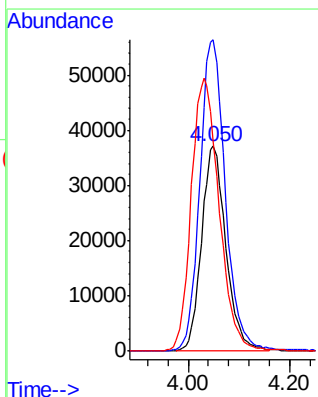
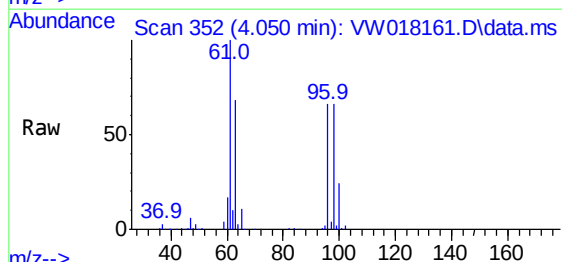
Ion	Ratio	Lower	Upper
101	100		
85	0.0	34.2	51.4#
151	0.0	30.4	45.6#

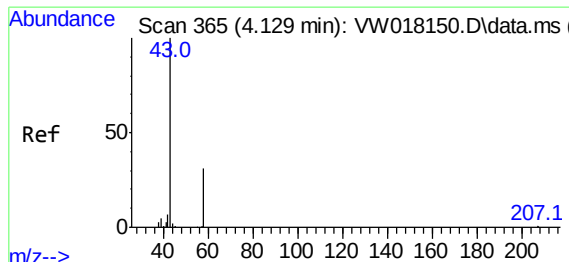


#12
 1,1-Dichloroethene
 Concen: 20.09 ug/L
 RT: 4.050 min Scan# 352
 Delta R.T. 0.006 min
 Lab File: VW018161.D
 Acq: 16 Feb 2021 14:39

Tgt Ion: 96 Resp: 121882

Ion	Ratio	Lower	Upper
96	100		
61	152.4	112.5	208.9
63	103.0	83.1	154.3

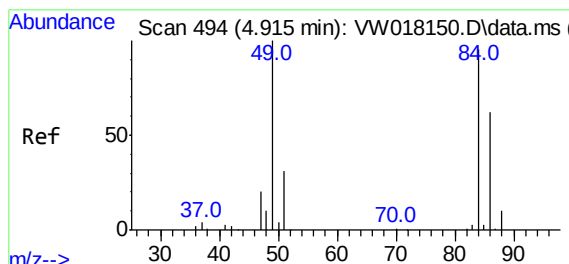
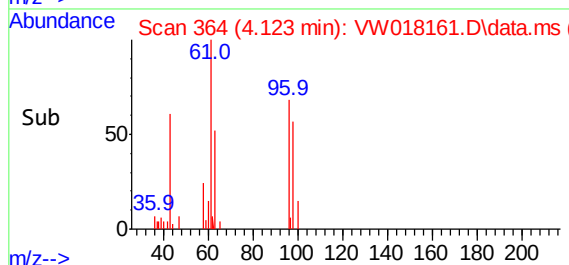
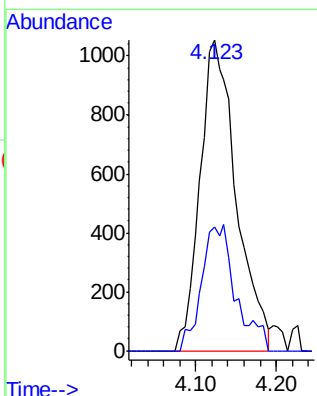
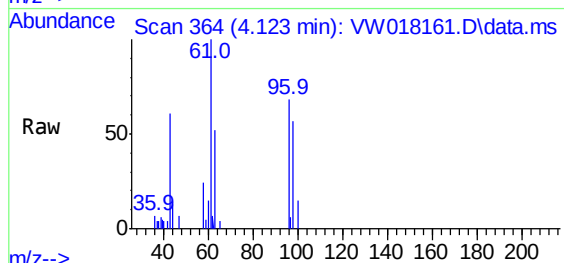




#13
Acetone
Concen: 2.97 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.006 min
Lab File: VW018161.D
Acq: 16 Feb 2021 14:39

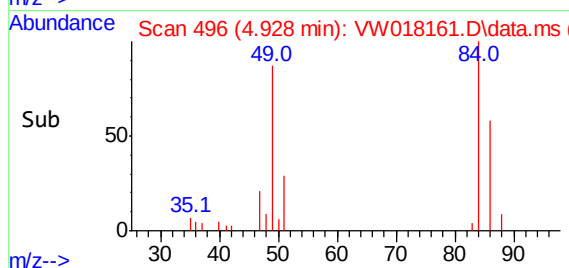
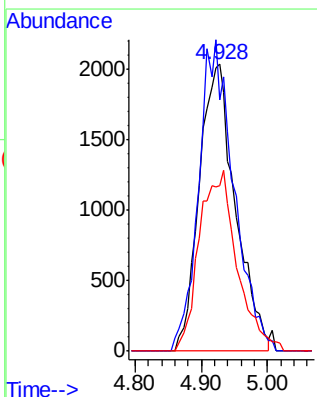
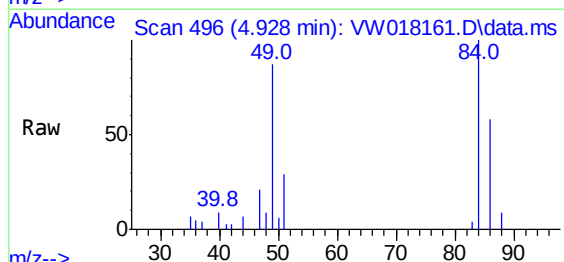
Instrument :
MSVOA_W
ClientSampleId :
DBG7MSD

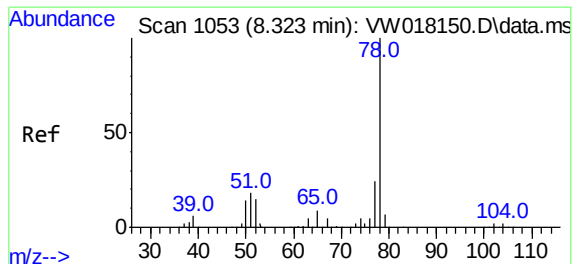
Tgt Ion: 43 Resp: 3313
Ion Ratio Lower Upper
43 100
58 15.0 0.0 68.4



#16
Methylene chloride
Concen: 1.05 ug/L
RT: 4.928 min Scan# 496
Delta R.T. 0.012 min
Lab File: VW018161.D
Acq: 16 Feb 2021 14:39

Tgt Ion: 84 Resp: 7670
Ion Ratio Lower Upper
84 100
49 87.3 81.2 150.8
86 57.7 44.5 82.7

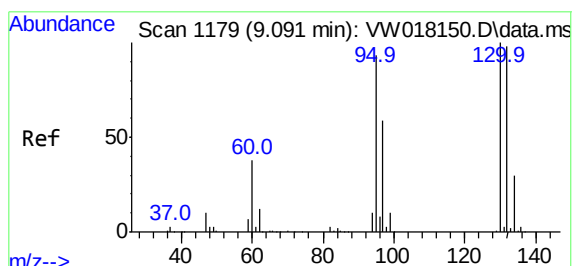
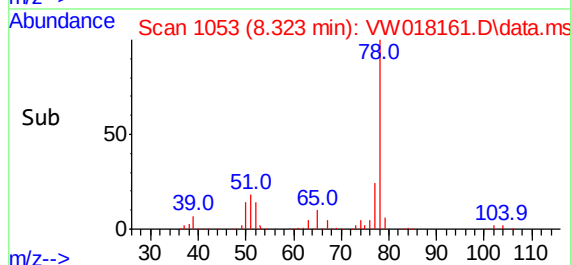
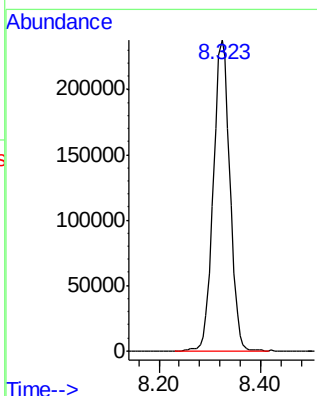
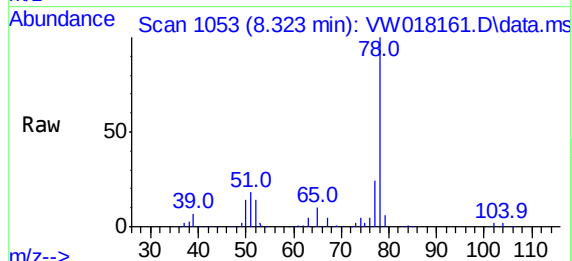




#34
Benzene
Concen: 22.80 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW018161.D
Acq: 16 Feb 2021 14:39

Instrument :
MSVOA_W
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DBG7MSD

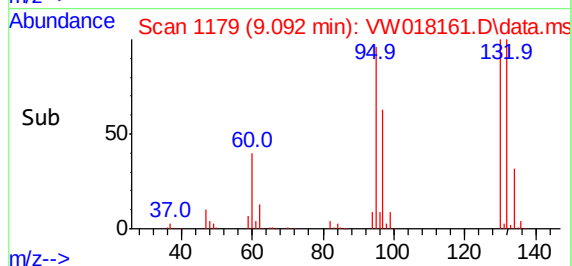
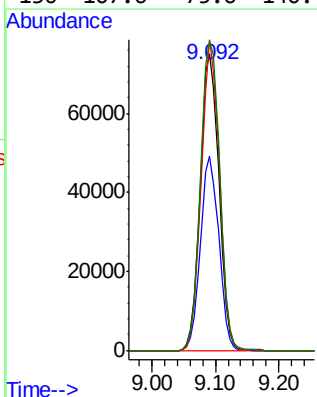
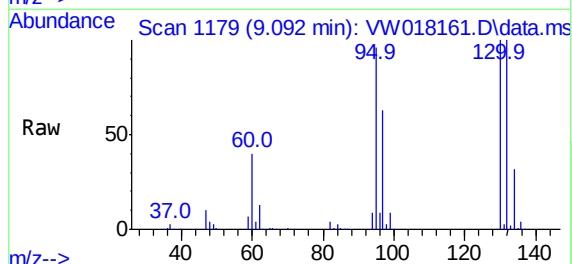
Tgt Ion: 78 Resp: 536731

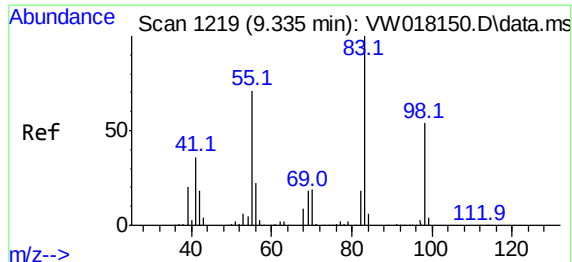


#35
Trichloroethene
Concen: 22.21 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW018161.D
Acq: 16 Feb 2021 14:39

Tgt Ion: 95 Resp: 147290

Ion	Ratio	Lower	Upper
95	100		
97	64.8	45.0	83.6
132	101.7	71.0	131.8
130	107.6	75.6	140.4

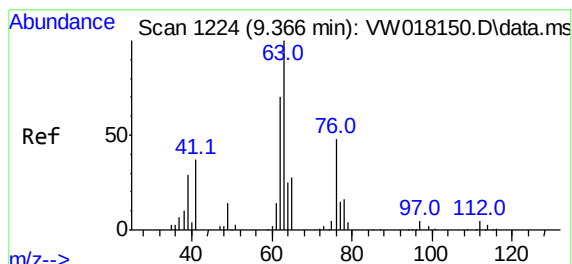
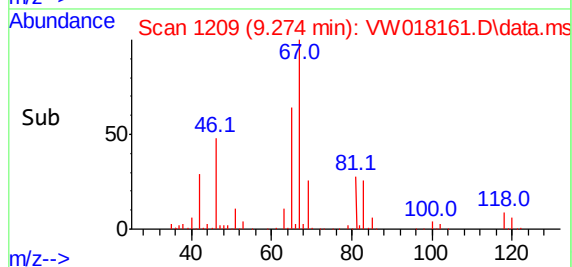
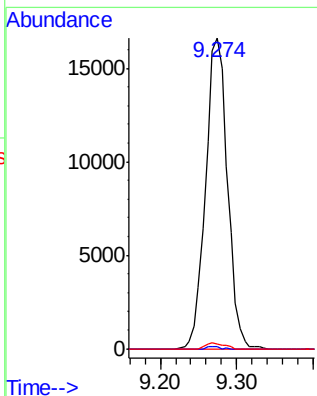
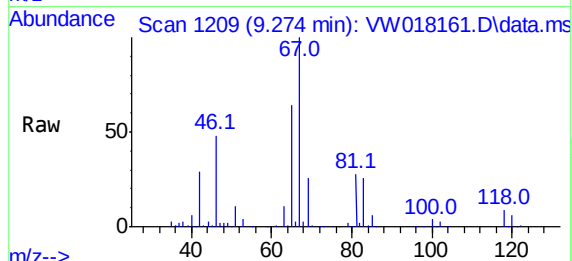




#36
Methylcyclohexane
Concen: 2.96 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW018161.D
Acq: 16 Feb 2021 14:39

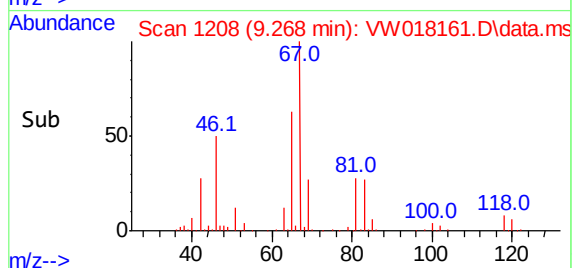
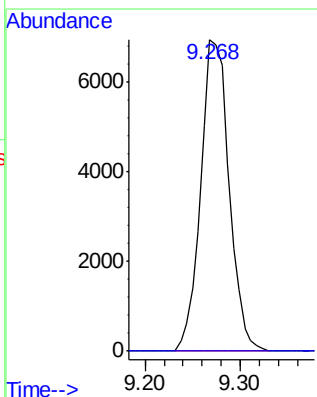
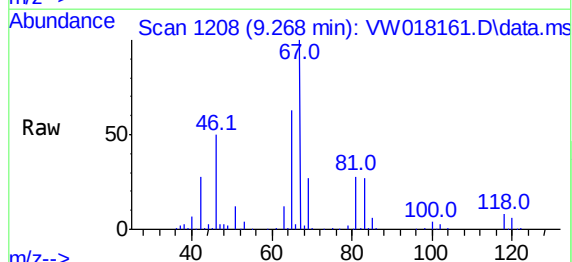
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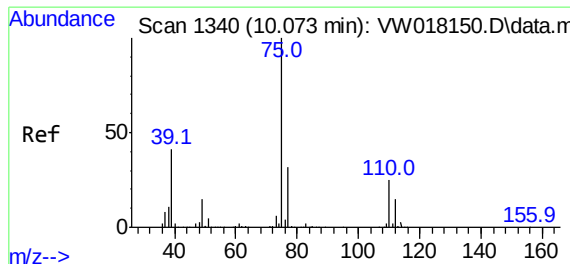
Tgt Ion: 83 Resp: 33042
Ion Ratio Lower Upper
83 100
55 0.3 59.4 89.0#
98 1.7 40.7 61.1#



#40
1,2-Dichloropropane
Concen: 2.63 ug/L
RT: 9.268 min Scan# 1208
Delta R.T. -0.098 min
Lab File: VW018161.D
Acq: 16 Feb 2021 14:39

Tgt Ion: 63 Resp: 14183
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#

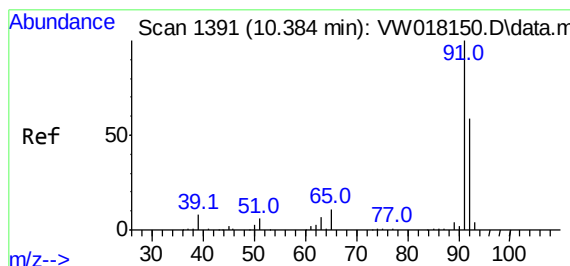
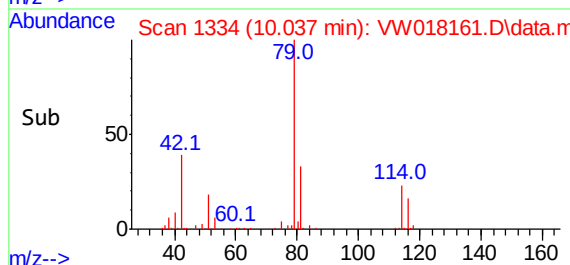
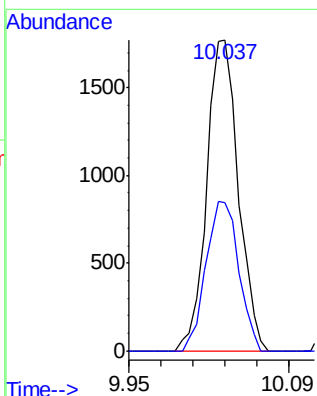
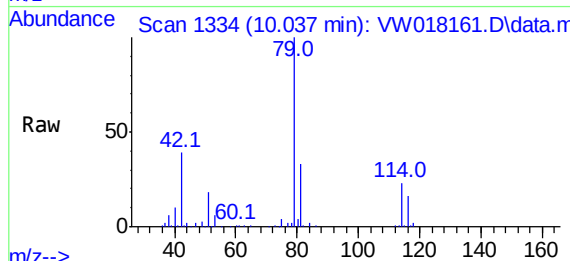




#42
cis-1,3-Dichloropropene
Concen: 0.38 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018161.D
Acq: 16 Feb 2021 14:39

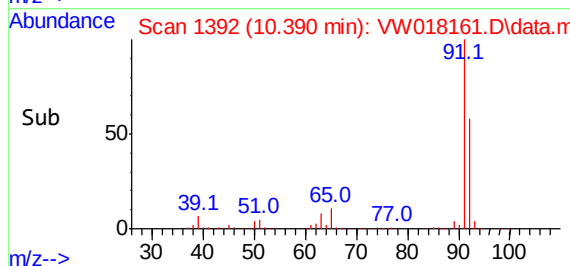
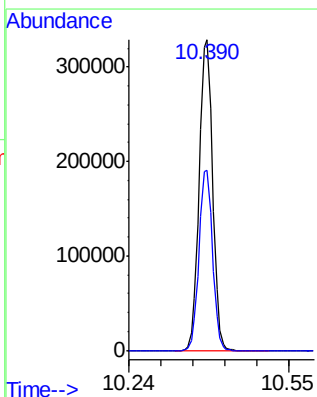
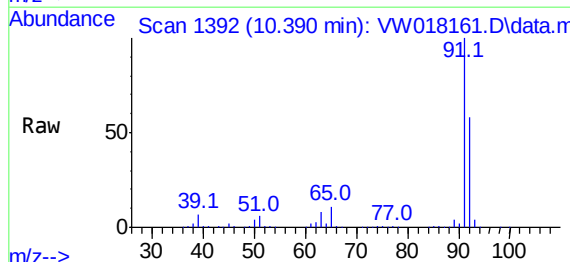
Instrument :
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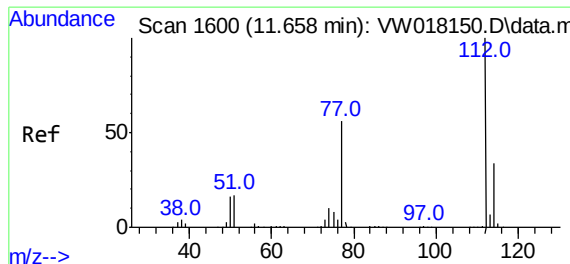
Tgt Ion: 75 Resp: 3338
Ion Ratio Lower Upper
75 100
77 47.7 22.7 42.3#



#44
Toluene
Concen: 22.55 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.006 min
Lab File: VW018161.D
Acq: 16 Feb 2021 14:39

Tgt Ion: 91 Resp: 584193
Ion Ratio Lower Upper
91 100
92 58.0 41.6 77.3

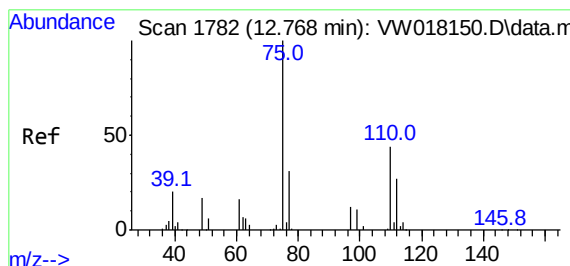
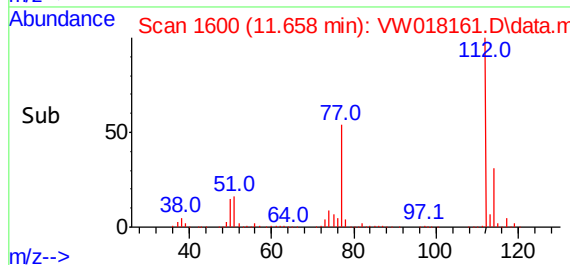
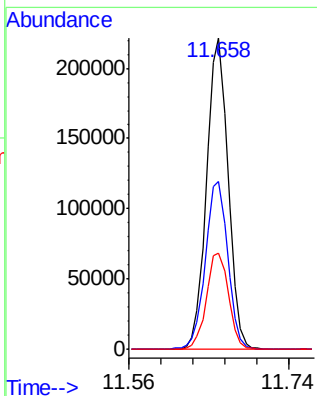
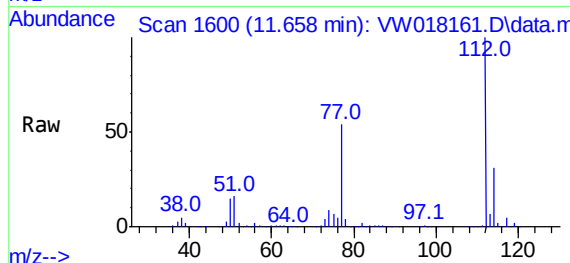




#52
Chlorobenzene
Concen: 21.68 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW018161.D
Acq: 16 Feb 2021 14:39

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Tgt Ion:112 Resp: 369957
Ion Ratio Lower Upper
112 100
77 53.8 42.6 64.0
114 31.0 21.6 40.2



#59
1,2,3-Trichloropropane
Concen: 4.61 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.787 min
Lab File: VW018161.D
Acq: 16 Feb 2021 14:39

Tgt Ion: 75 Resp: 19037
Ion Ratio Lower Upper
75 100
77 33.8 26.6 39.8

