

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040121\
 Data File : VW018522.D
 Acq On : 31 Mar 2021 19:10
 Operator : SY/VA
 Sample : M1859-15
 Misc : 5.94G/10ML/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG554

Quant Time: Apr 01 02:08:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 01 02:04:50 2021
 Response via : Initial Calibration

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

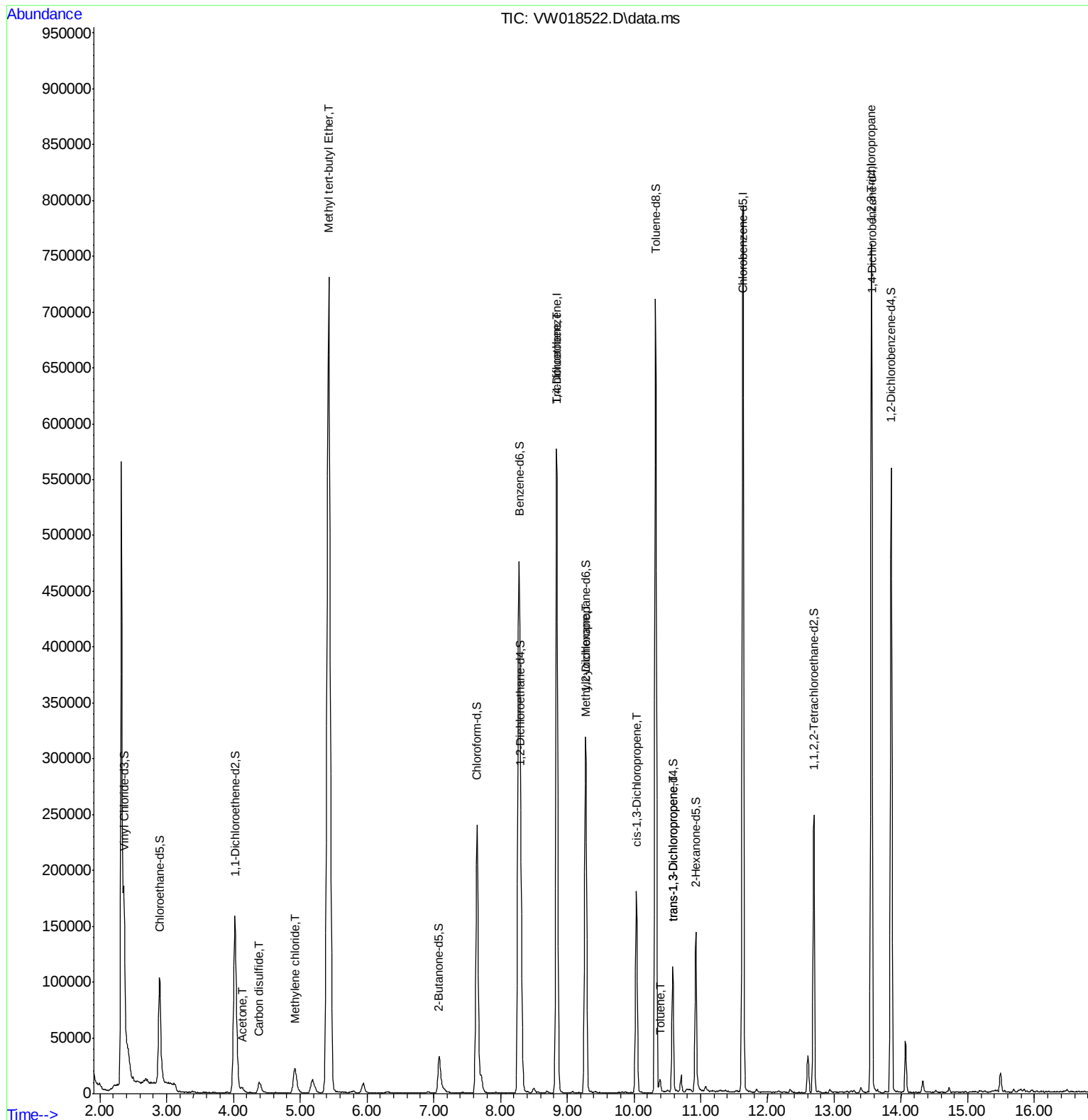
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	477297	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	431933	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	187367	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	158404	23.85	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	95.40%		
7) Chloroethane-d5	2.891	69	129371	22.25	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	89.00%		
10) 1,1-Dichloroethene-d2	4.025	63	174019	15.17	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	60.68%		
20) 2-Butanone-d5	7.080	46	57950	39.19	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	78.38%		
24) Chloroform-d	7.647	84	244464	20.11	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	80.44%		
26) 1,2-Dichloroethane-d4	8.305	65	151983	21.42	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	85.68%		
29) Benzene-d6	8.281	84	487806	21.24	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	84.96%		
33) 1,2-Dichloropropane-d6	9.274	67	140194	21.17	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	84.68%		
37) Toluene-d8	10.323	98	460976	20.85	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	83.40%		
38) trans-1,3-Dichloroprop...	10.579	79	58462	17.11	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	68.44%		
39) 2-Hexanone-d5	10.927	63	46964	36.23	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	72.46%		
48) 1,1,2,2-Tetrachloroeth...	12.695	84	114747	19.37	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	77.48%		
61) 1,2-Dichlorobenzene-d4	13.853	152	136860	20.55	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	82.20%		
Target Compounds						Qvalue
13) Acetone	4.141	43	5600	5.27	ug/L	86
14) Carbon disulfide	4.385	76	21727	1.20	ug/L	96
16) Methylene chloride	4.928	84	19081	2.44	ug/L	96
17) Methyl tert-butyl Ether	5.428	73	1231435	140.69	ug/L	99
35) Trichloroethene	8.842	95	15049	2.18	ug/L #	6
36) Methylcyclohexane	9.281	83	35553	2.94	ug/L #	21
42) cis-1,3-Dichloropropene	10.037	75	5079	0.49	ug/L #	62
44) Toluene	10.390	91	7569	0.27	ug/L	85
45) trans-1,3-Dichloropropene	10.579	75	3167	0.34	ug/L	90
59) 1,2,3-Trichloropropane	13.554	75	24434	5.48	ug/L	92

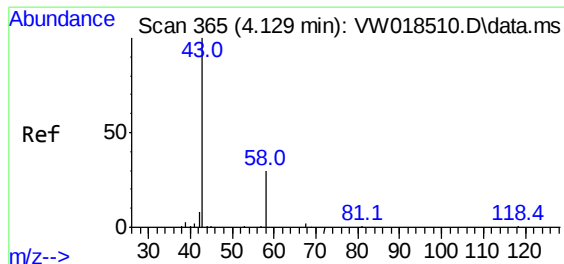
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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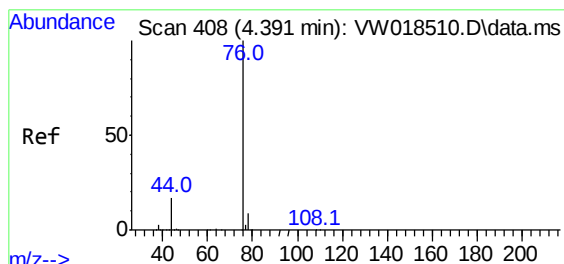
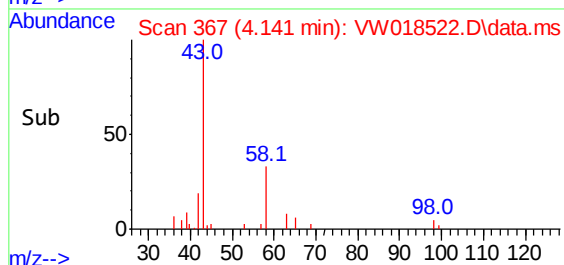
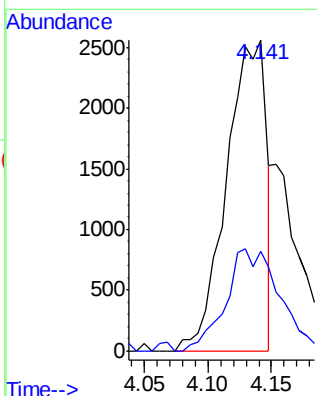
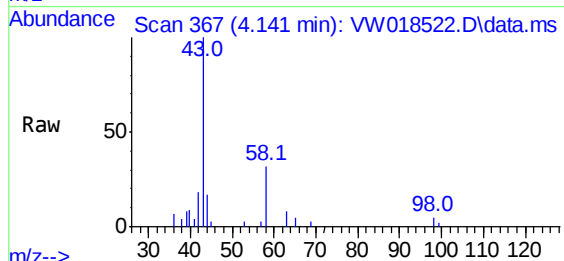




#13
Acetone
Concen: 5.27 ug/L
RT: 4.141 min Scan# 367
Delta R.T. 0.012 min
Lab File: VW018522.D
Acq: 31 Mar 2021 19:10

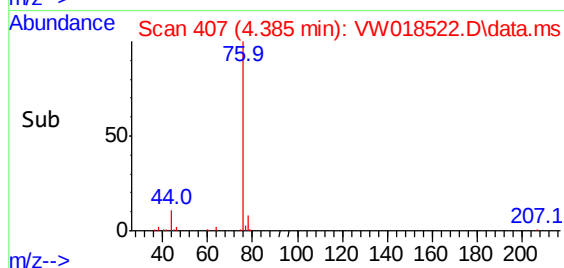
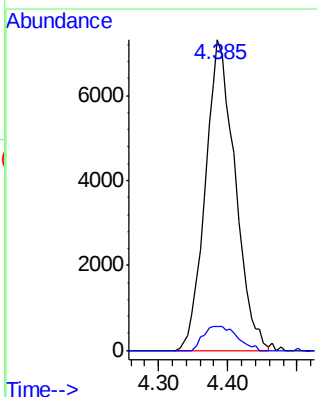
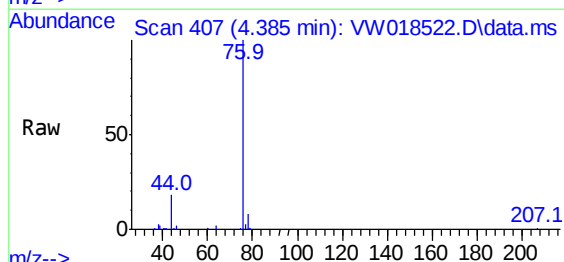
Instrument :
MSVOA_W
ClientSampled :
BG554

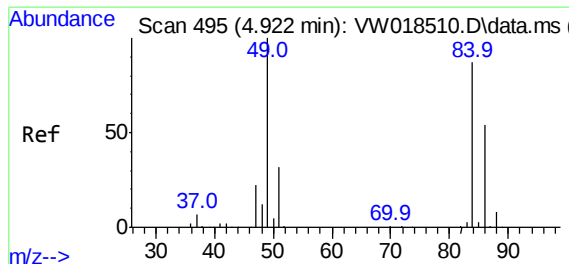
Tgt Ion: 43 Resp: 5600
Ion Ratio Lower Upper
43 100
58 23.6 0.0 62.2



#14
Carbon disulfide
Concen: 1.20 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.006 min
Lab File: VW018522.D
Acq: 31 Mar 2021 19:10

Tgt Ion: 76 Resp: 21727
Ion Ratio Lower Upper
76 100
78 7.9 7.4 11.2

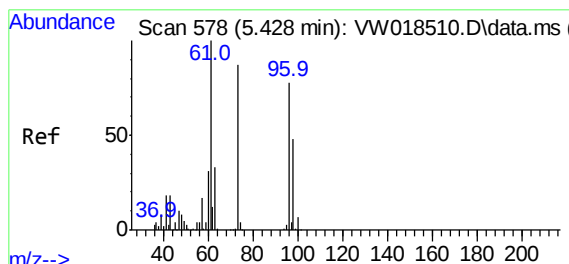
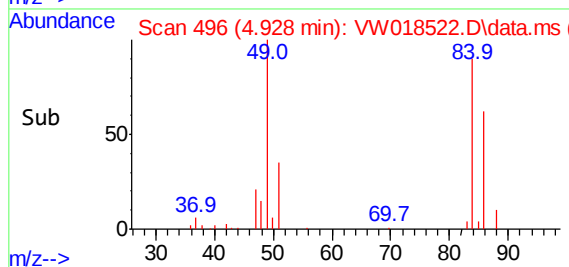
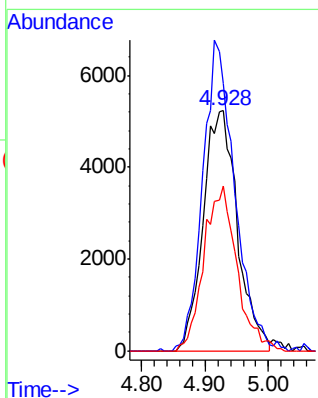
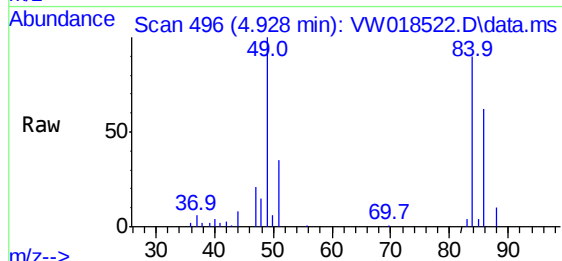




#16
Methylene chloride
Concen: 2.44 ug/L
RT: 4.928 min Scan# 496
Delta R.T. 0.006 min
Lab File: VW018522.D
Acq: 31 Mar 2021 19:10

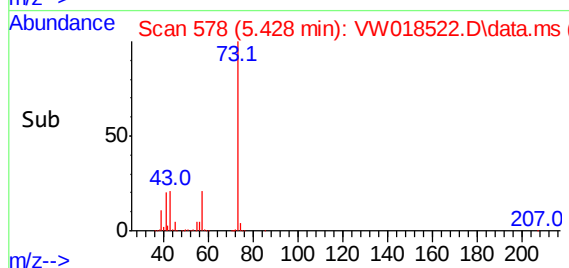
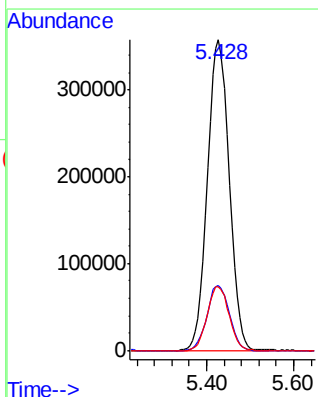
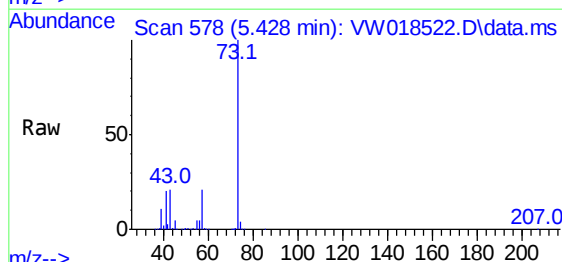
Instrument :
MSVOA_W
ClientSampled :
BG554

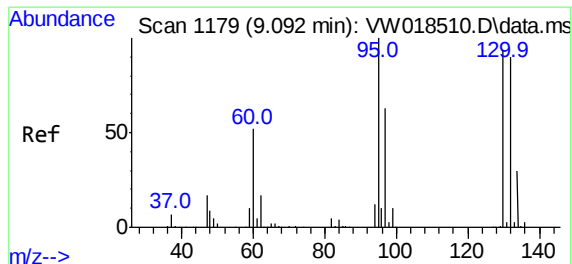
Tgt Ion: 84 Resp: 19081
Ion Ratio Lower Upper
84 100
49 111.5 74.4 138.2
86 68.6 46.1 85.7



#17
Methyl tert-butyl Ether
Concen: 140.69 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW018522.D
Acq: 31 Mar 2021 19:10

Tgt Ion: 73 Resp: 1231435
Ion Ratio Lower Upper
73 100
43 21.2 16.6 24.8
57 20.7 15.9 23.9

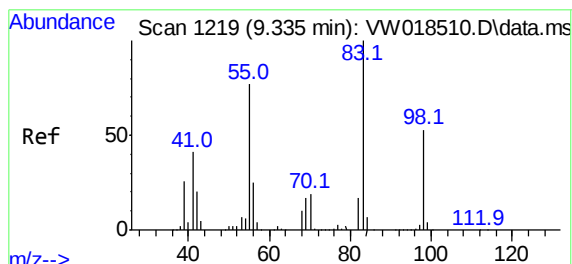
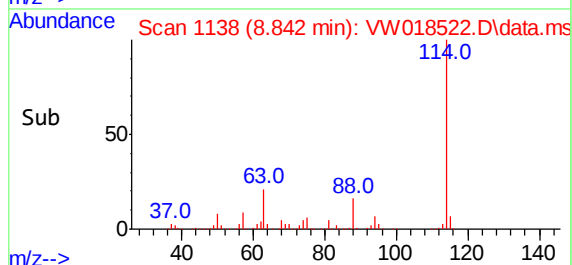
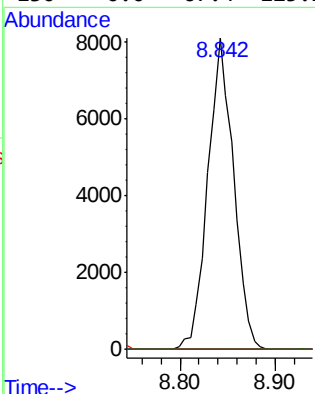
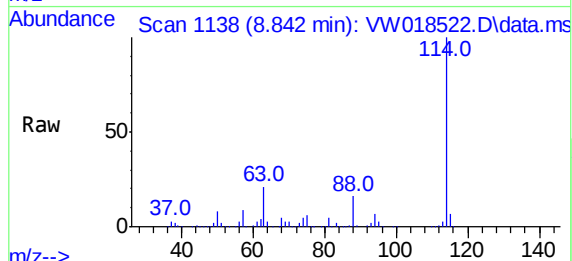




#35
Trichloroethene
Concen: 2.18 ug/L
RT: 8.842 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW018522.D
Acq: 31 Mar 2021 19:10

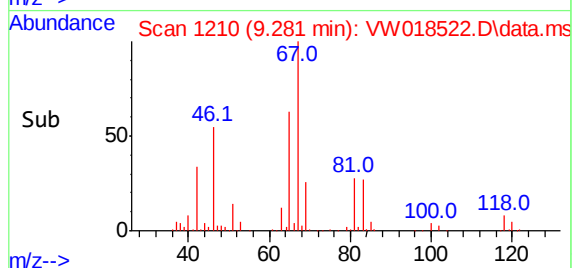
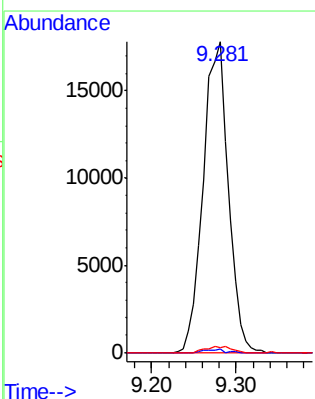
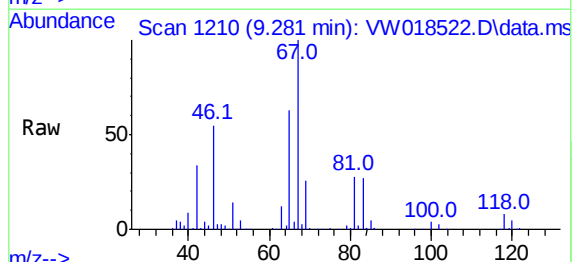
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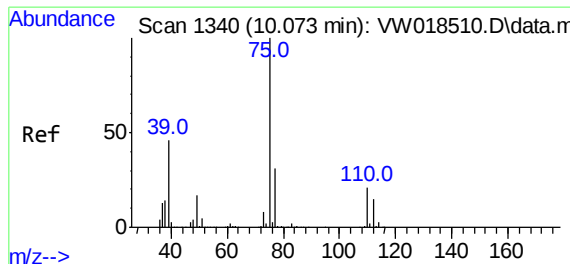
Tgt Ion: 95 Resp: 15049
Ion Ratio Lower Upper
95 100
97 0.0 44.4 82.4#
132 0.0 65.9 122.5#
130 0.0 67.4 125.2#



#36
Methylcyclohexane
Concen: 2.94 ug/L
RT: 9.281 min Scan# 1210
Delta R.T. -0.055 min
Lab File: VW018522.D
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Tgt Ion: 83 Resp: 35553
Ion Ratio Lower Upper
83 100
55 0.2 56.8 85.2#
98 1.9 40.6 61.0#

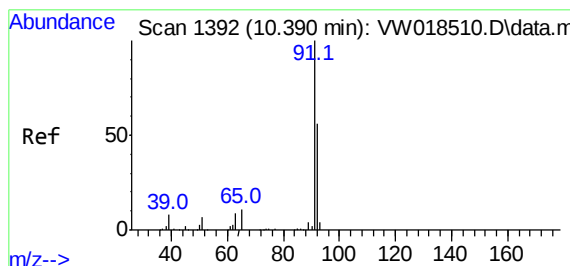
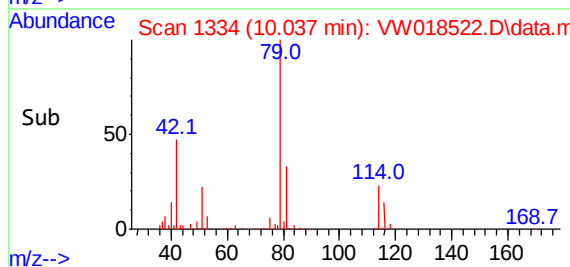
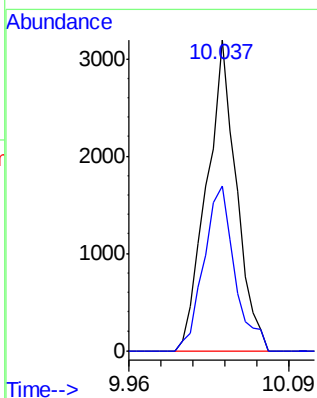
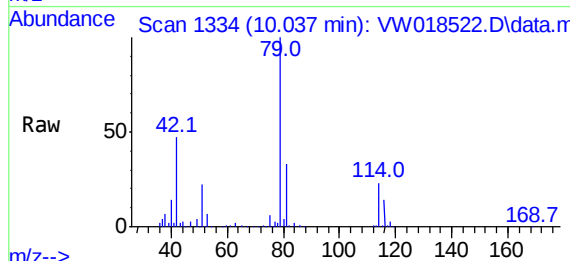




#42
cis-1,3-Dichloropropene
Concen: 0.49 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018522.D
Acq: 31 Mar 2021 19:10

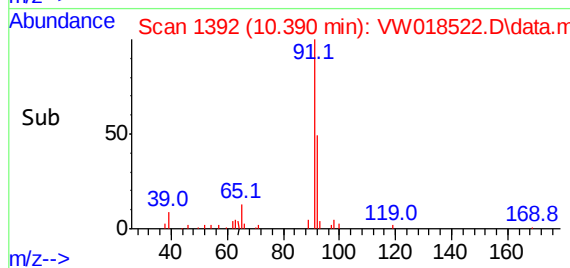
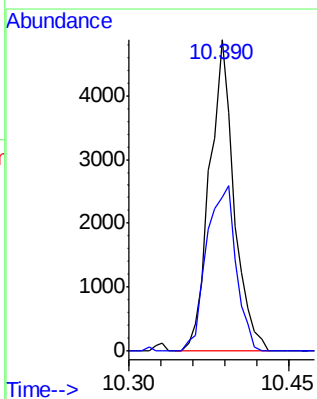
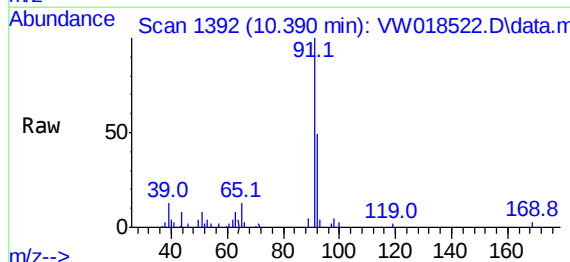
Instrument :
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ClientSampleID :
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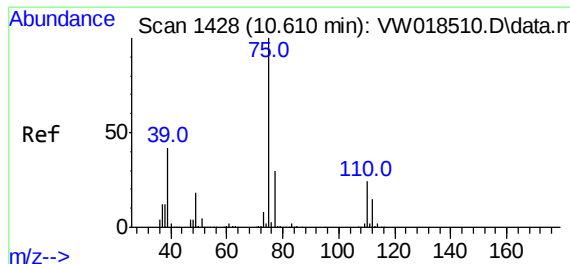
Tgt Ion: 75 Resp: 5079
Ion Ratio Lower Upper
75 100
77 52.9 22.4 41.6#



#44
Toluene
Concen: 0.27 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW018522.D
Acq: 31 Mar 2021 19:10

Tgt Ion: 91 Resp: 7569
Ion Ratio Lower Upper
91 100
92 49.4 42.3 78.5

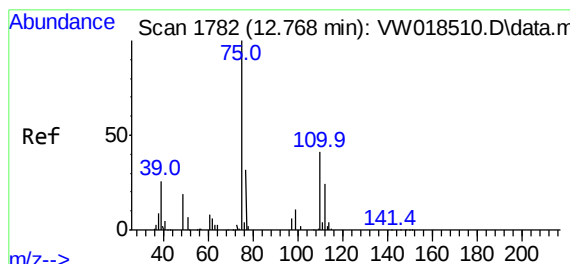
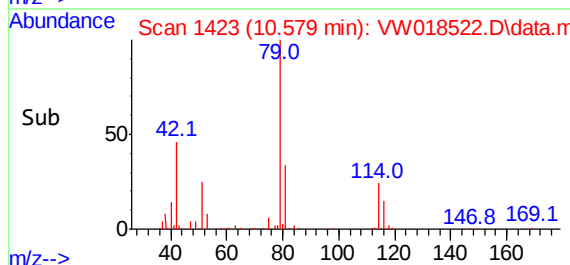
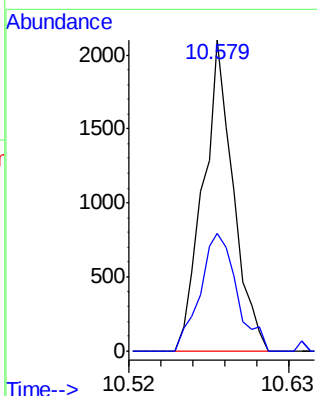
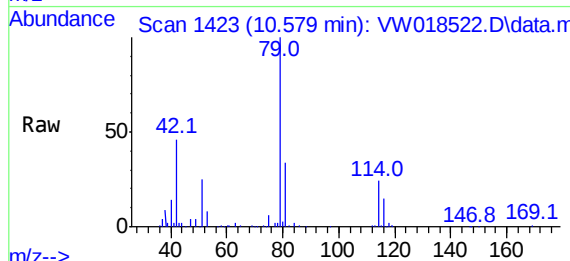




#45
trans-1,3-Dichloropropene
Concen: 0.34 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.031 min
Lab File: VW018522.D
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MSVOA_W
ClientSampled :
BG554

Tgt Ion: 75 Resp: 3167
Ion Ratio Lower Upper
75 100
77 38.0 22.6 42.0



#59
1,2,3-Trichloropropane
Concen: 5.48 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.786 min
Lab File: VW018522.D
Acq: 31 Mar 2021 19:10

Tgt Ion: 75 Resp: 24434
Ion Ratio Lower Upper
75 100
77 36.2 25.6 38.4

