

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040121\
 Data File : VW018516.D
 Acq On : 31 Mar 2021 16:47
 Operator : SY/VA
 Sample : M1859-09
 Misc : 5.52G/10ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG548

Quant Time: Apr 01 02:06:38 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)

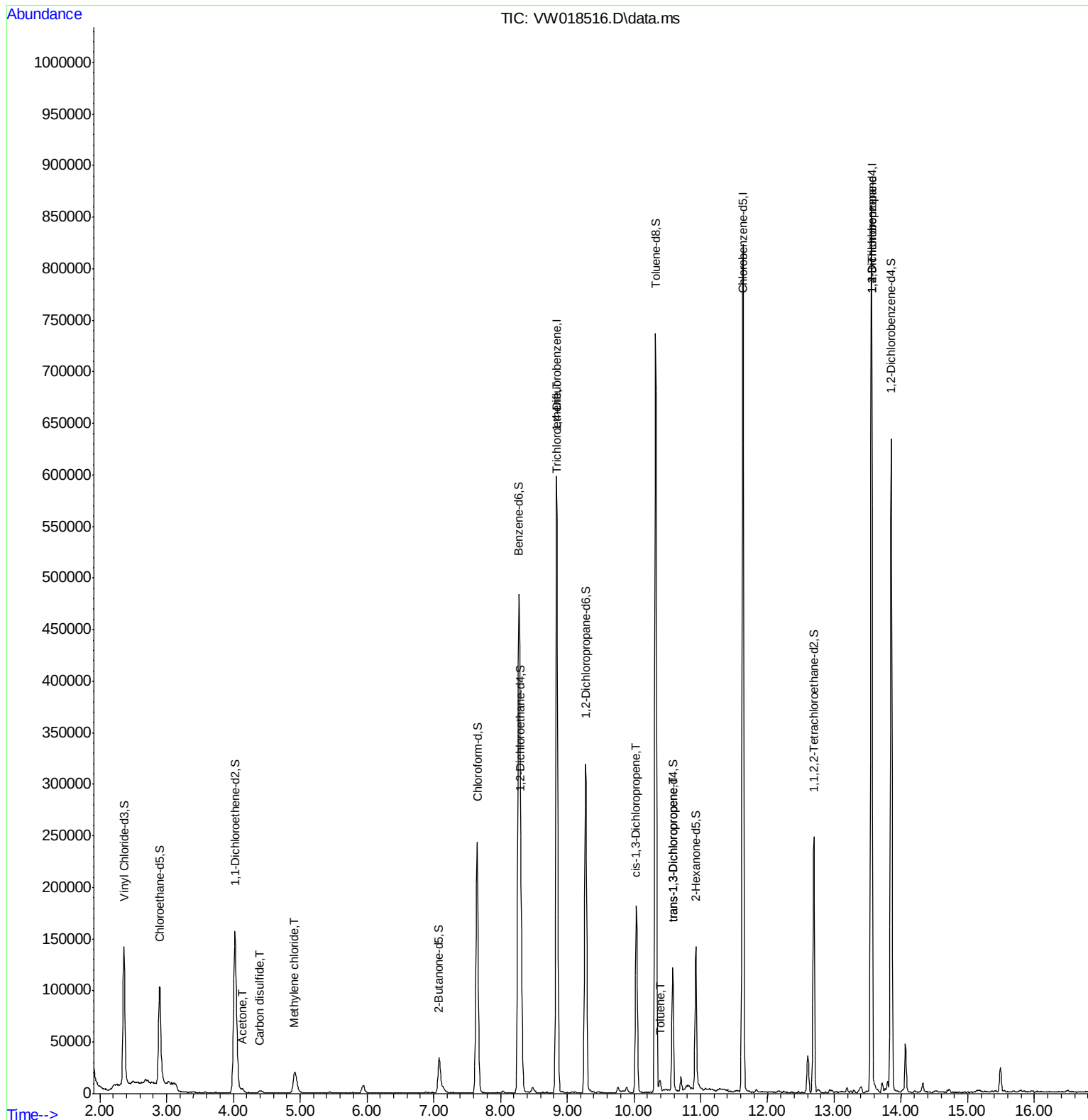
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	487166	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	439796	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	213920	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	166163	24.51	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	98.04%		
7) Chloroethane-d5	2.891	69	131551	22.17	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	88.68%		
10) 1,1-Dichloroethene-d2	4.025	63	177108	15.13	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	60.52%		
20) 2-Butanone-d5	7.080	46	58318	38.64	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	77.28%		
24) Chloroform-d	7.653	84	241985	19.50	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	78.00%		
26) 1,2-Dichloroethane-d4	8.305	65	149856	20.69	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	82.76%		
29) Benzene-d6	8.275	84	496179	21.22	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	84.88%		
33) 1,2-Dichloropropane-d6	9.274	67	141295	20.95	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	83.80%		
37) Toluene-d8	10.323	98	477817	21.23	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	84.92%		
38) trans-1,3-Dichloroprop...	10.579	79	62902	18.08	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	72.32%		
39) 2-Hexanone-d5	10.927	63	46162	34.98	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	69.96%		
48) 1,1,2,2-Tetrachloroeth...	12.695	84	115041	19.07	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	76.28%		
61) 1,2-Dichlorobenzene-d4	13.853	152	151276	19.89	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	79.56%		
Target Compounds						
13) Acetone	4.135	43	6098	5.62	ug/L	79
14) Carbon disulfide	4.391	76	3732	0.20	ug/L #	94
16) Methylene chloride	4.915	84	16919	2.12	ug/L	93
35) Trichloroethene	8.848	95	14298	2.03	ug/L #	6
42) cis-1,3-Dichloropropene	10.030	75	5428	0.52	ug/L	85
44) Toluene	10.390	91	7670	0.26	ug/L	98
45) trans-1,3-Dichloropropene	10.579	75	3518	0.37	ug/L	89
59) 1,2,3-Trichloropropane	13.560	75	27344	6.02	ug/L	94

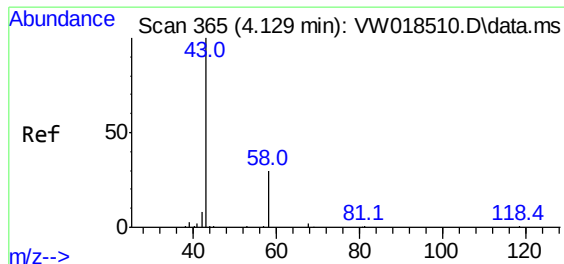
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 01 02:04:50 2021
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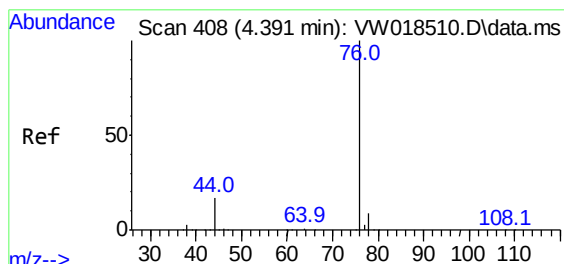
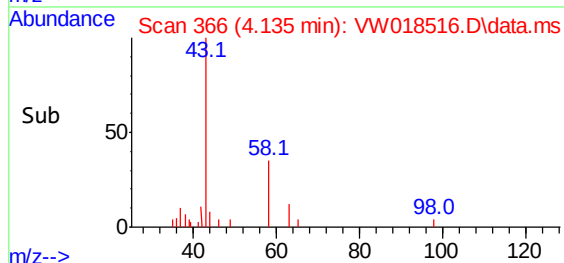
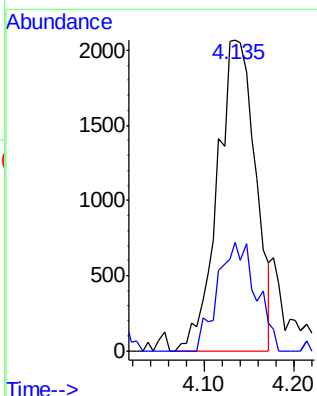
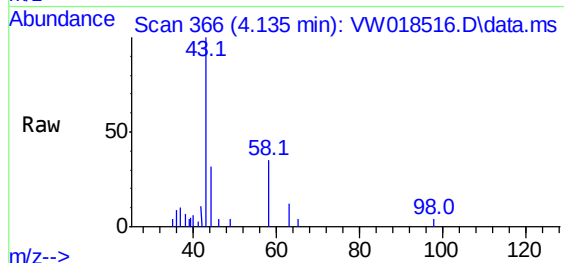




#13
Acetone
Concen: 5.62 ug/L
RT: 4.135 min Scan# 366
Delta R.T. 0.006 min
Lab File: VW018516.D
Acq: 31 Mar 2021 16:47

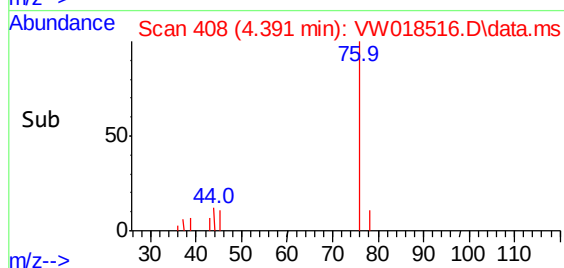
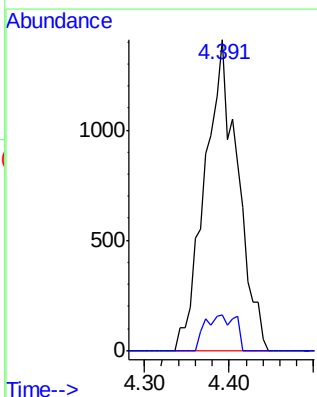
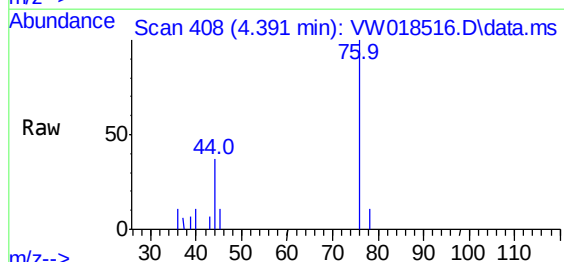
Instrument :
MSVOA_W
ClientSampled :
BG548

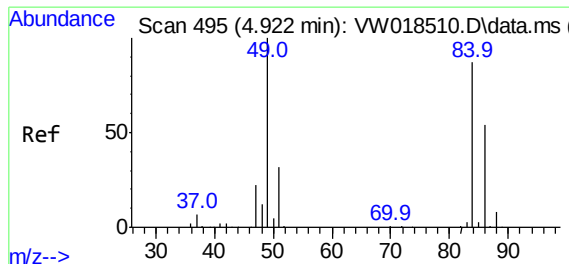
Tgt Ion: 43 Resp: 6098
Ion Ratio Lower Upper
43 100
58 19.5 0.0 62.2



#14
Carbon disulfide
Concen: 0.20 ug/L
RT: 4.391 min Scan# 408
Delta R.T. -0.000 min
Lab File: VW018516.D
Acq: 31 Mar 2021 16:47

Tgt Ion: 76 Resp: 3732
Ion Ratio Lower Upper
76 100
78 11.5 7.4 11.2#



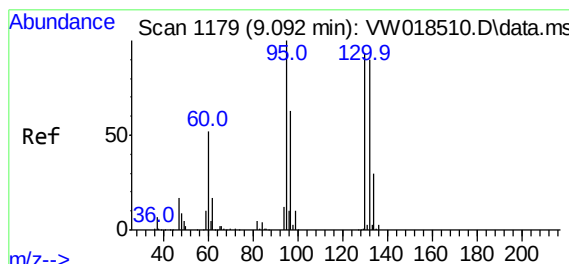
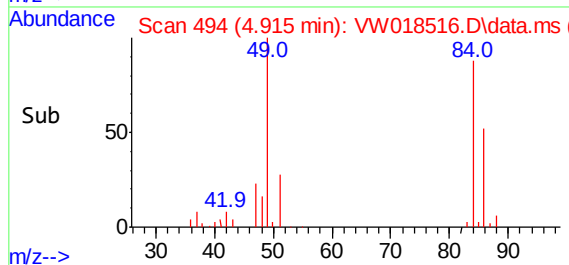
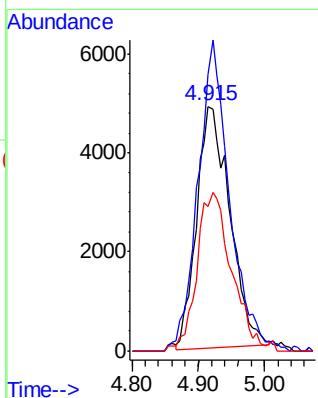
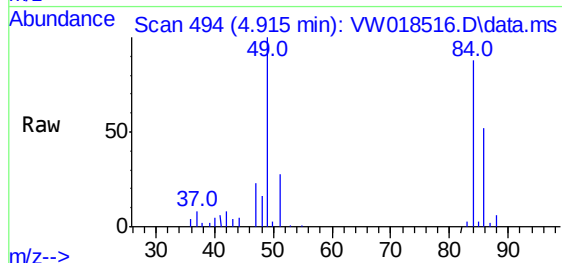


#16
Methylene chloride
Concen: 2.12 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW018516.D
Acq: 31 Mar 2021 16:47

Instrument :
MSVOA_W
ClientSampleId :
BG548

Tgt Ion: 84 Resp: 16919

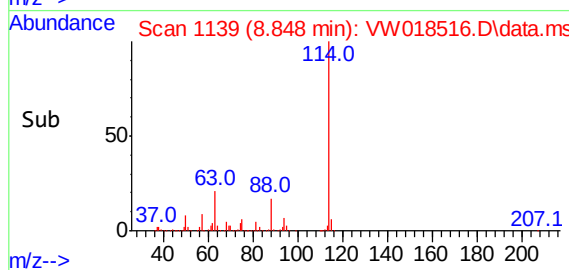
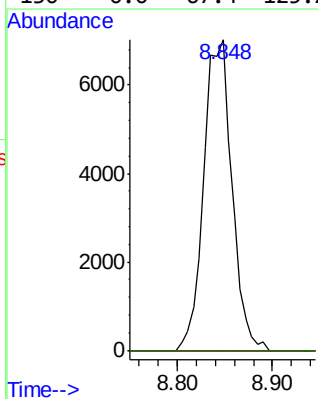
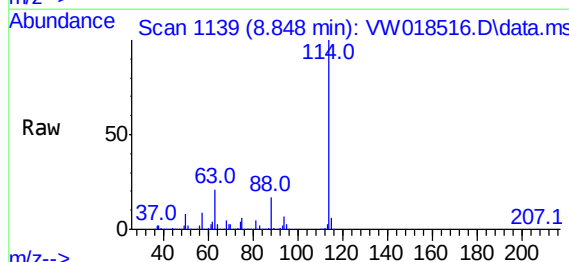
Ion	Ratio	Lower	Upper
84	100		
49	113.2	74.4	138.2
86	58.9	46.1	85.7

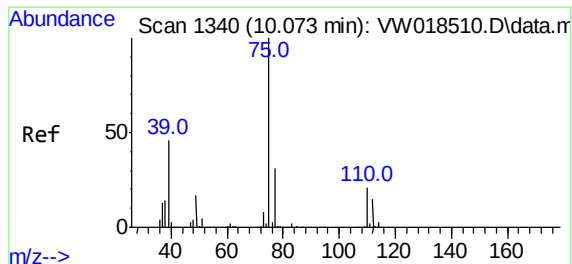


#35
Trichloroethene
Concen: 2.03 ug/L
RT: 8.848 min Scan# 1139
Delta R.T. -0.244 min
Lab File: VW018516.D
Acq: 31 Mar 2021 16:47

Tgt Ion: 95 Resp: 14298

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#

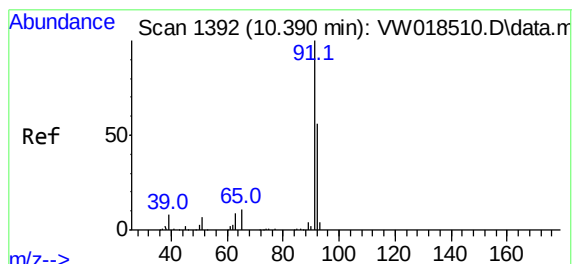
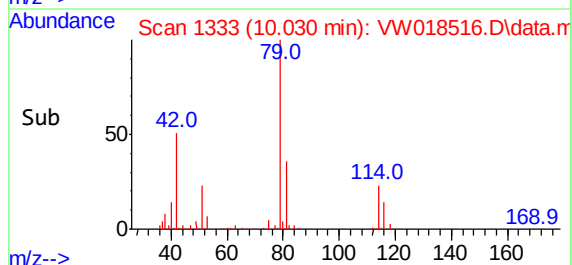
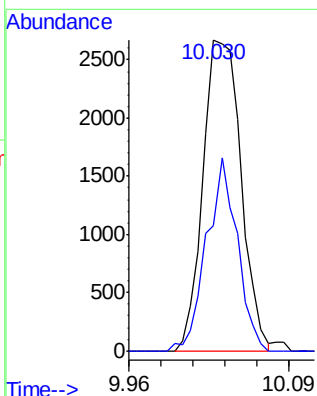
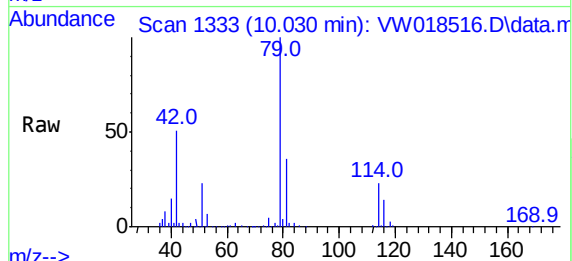




#42
cis-1,3-Dichloropropene
Concen: 0.52 ug/L
RT: 10.030 min Scan# 1333
Delta R.T. -0.043 min
Lab File: VW018516.D
Acq: 31 Mar 2021 16:47

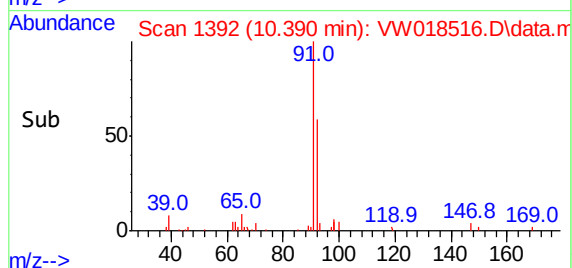
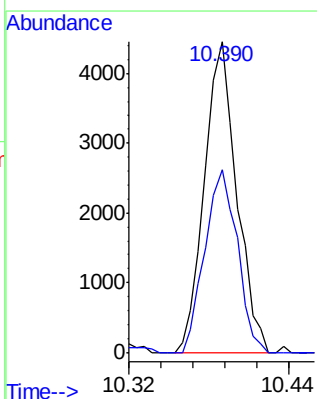
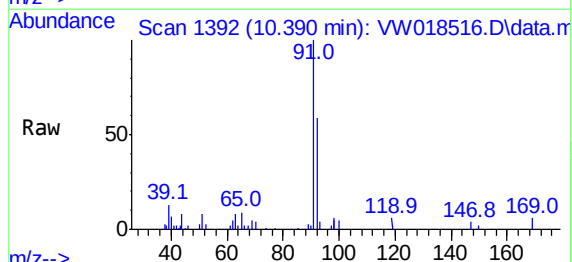
Instrument :
MSVOA_W
ClientSampled :
BG548

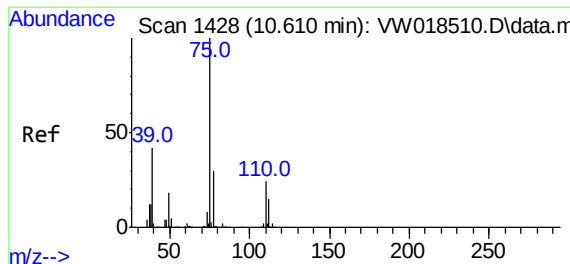
Tgt Ion: 75 Resp: 5428
Ion Ratio Lower Upper
75 100
77 40.3 22.4 41.6



#44
Toluene
Concen: 0.26 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW018516.D
Acq: 31 Mar 2021 16:47

Tgt Ion: 91 Resp: 7670
Ion Ratio Lower Upper
91 100
92 59.0 42.3 78.5

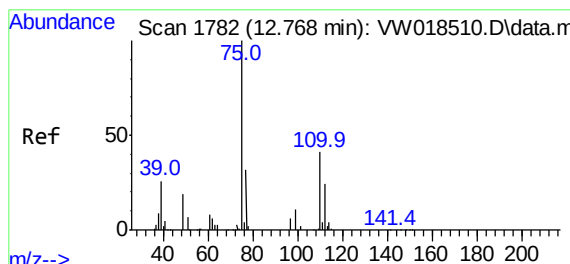
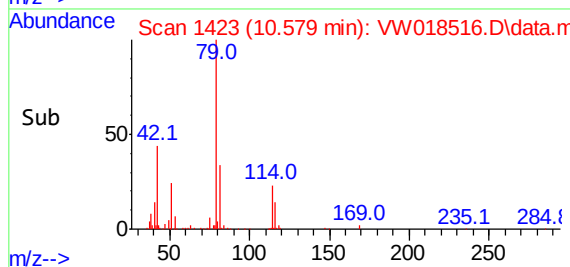
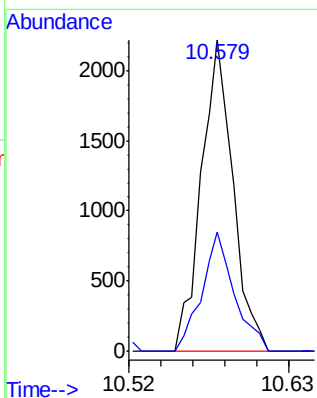
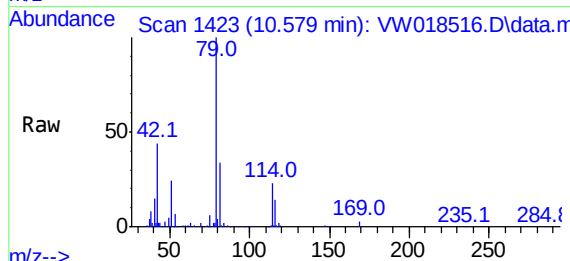




#45
trans-1,3-Dichloropropene
Concen: 0.37 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.031 min
Lab File: VW018516.D
Acq: 31 Mar 2021 16:47

Instrument :
MSVOA_W
ClientSampled :
BG548

Tgt Ion: 75 Resp: 3518
Ion Ratio Lower Upper
75 100
77 38.2 22.6 42.0



#59
1,2,3-Trichloropropane
Concen: 6.02 ug/L
RT: 13.560 min Scan# 1912
Delta R.T. 0.792 min
Lab File: VW018516.D
Acq: 31 Mar 2021 16:47

Tgt Ion: 75 Resp: 27344
Ion Ratio Lower Upper
75 100
77 35.4 25.6 38.4

