

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040121\
 Data File : VW018536.D
 Acq On : 01 Apr 2021 15:21
 Operator : SY/VA
 Sample : M1896-03
 Misc : 5.78G/10ML/MSVOA_W/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG579

Quant Time: Apr 02 03:31:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 02 03:28:33 2021
 Response via : Initial Calibration

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

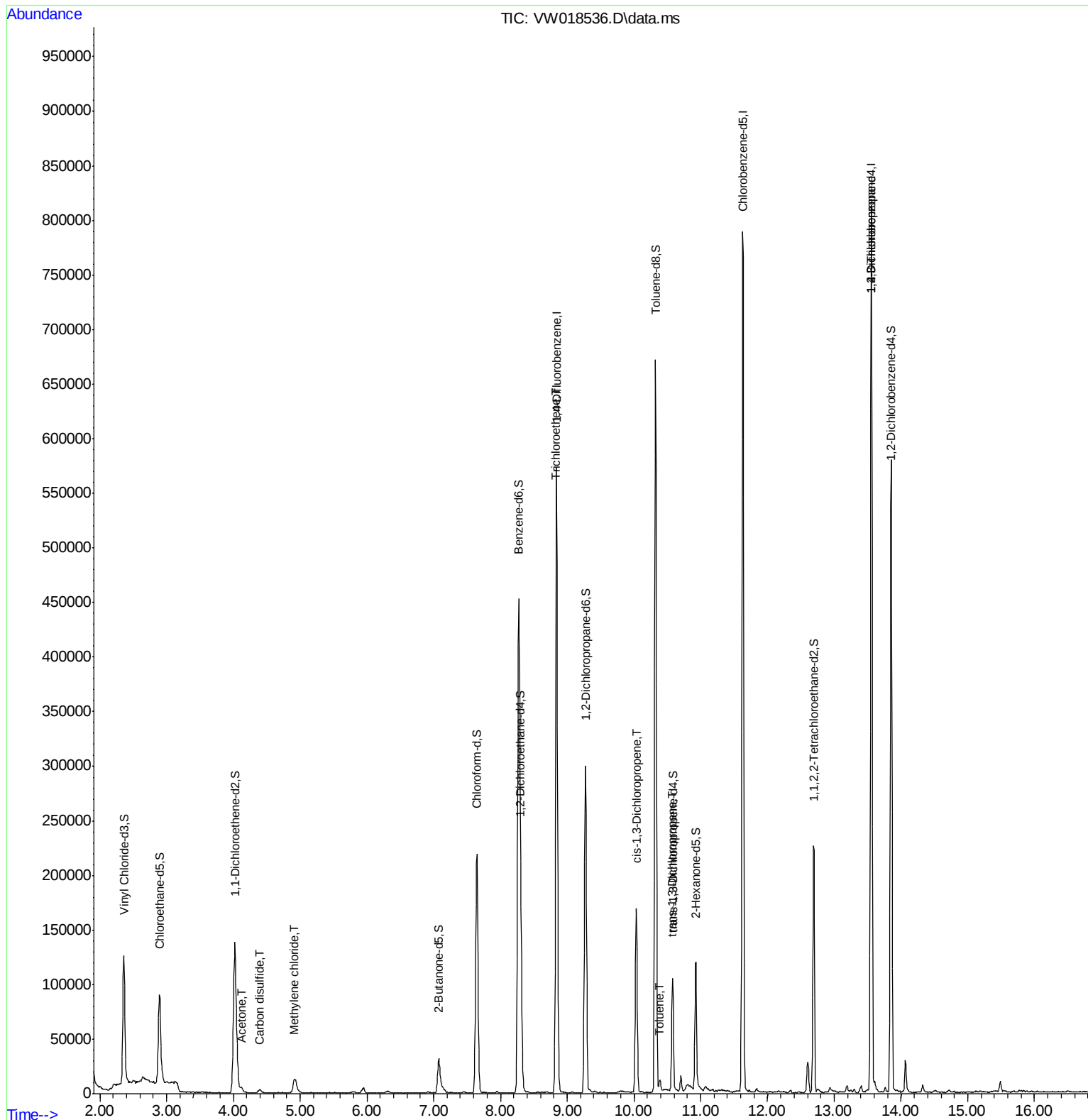
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	459805	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	414638	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	195296	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	149745	23.40	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	93.60%		
7) Chloroethane-d5	2.892	69	115420	20.61	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	82.44%		
10) 1,1-Dichloroethene-d2	4.019	63	154838	14.02	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	56.08%		
20) 2-Butanone-d5	7.080	46	52795	37.06	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	74.12%		
24) Chloroform-d	7.647	84	222827	19.03	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	76.12%		
26) 1,2-Dichloroethane-d4	8.305	65	139527	20.41	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	81.64%		
29) Benzene-d6	8.275	84	443035	20.10	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	80.40%		
33) 1,2-Dichloropropane-d6	9.275	67	129236	20.33	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	81.32%		
37) Toluene-d8	10.323	98	429769	20.25	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	81.00%		
38) trans-1,3-Dichloroprop...	10.579	79	55895	17.05	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	68.20%		
39) 2-Hexanone-d5	10.921	63	40202	32.31	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	64.62%		
48) 1,1,2,2-Tetrachloroeth...	12.689	84	105803	18.60	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	74.40%		
61) 1,2-Dichlorobenzene-d4	13.847	152	140772	20.27	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	81.08%		
Target Compounds						
13) Acetone	4.123	43	6710	6.56	ug/L	60
14) Carbon disulfide	4.391	76	5608	0.32	ug/L	99
16) Methylene chloride	4.910	84	5211	0.69	ug/L	89
35) Trichloroethene	8.836	95	15061	2.27	ug/L #	6
42) cis-1,3-Dichloropropene	10.037	75	5134	0.52	ug/L	85
44) Toluene	10.384	91	6946	0.25	ug/L	88
45) trans-1,3-Dichloropropene	10.573	75	2949	0.33	ug/L	94
59) 1,2,3-Trichloropropane	13.554	75	27262	6.37	ug/L	98

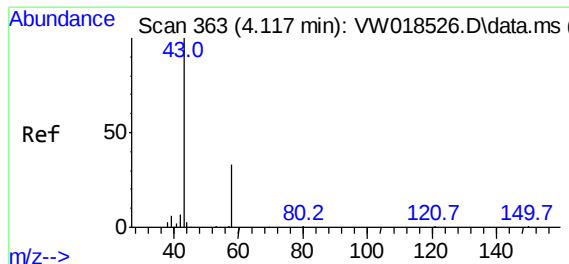
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Apr 02 03:28:33 2021
Response via : Initial Calibration

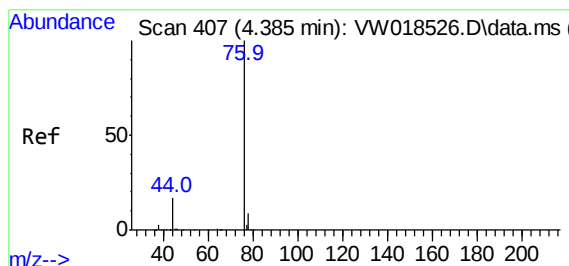
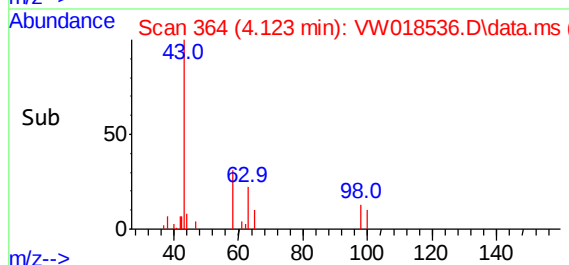
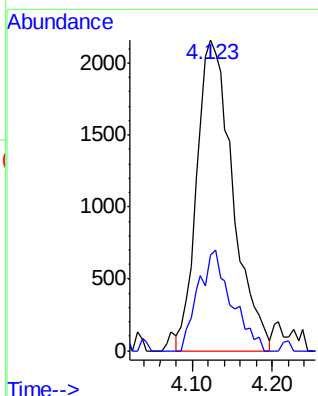
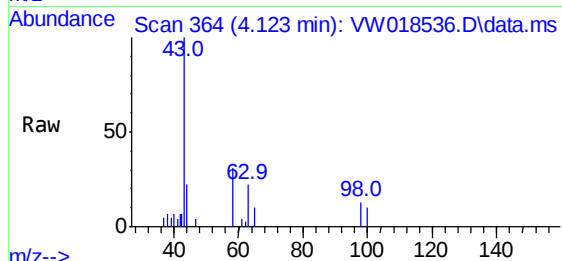




#13
Acetone
Concen: 6.56 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW018536.D
Acq: 01 Apr 2021 15:21

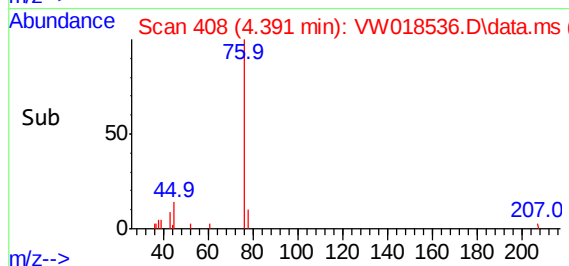
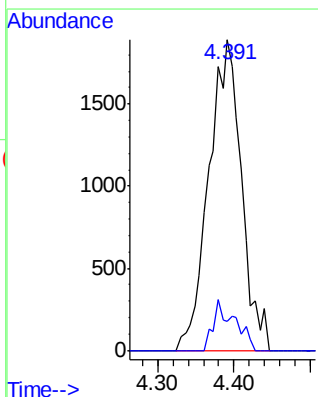
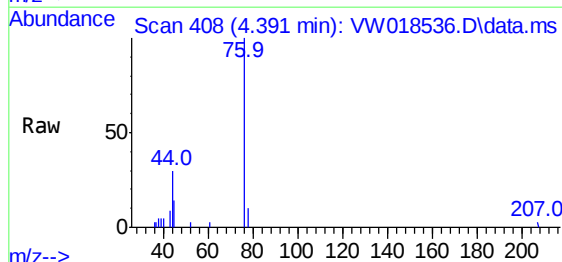
Instrument :
MSVOA_W
ClientSampled :
BG579

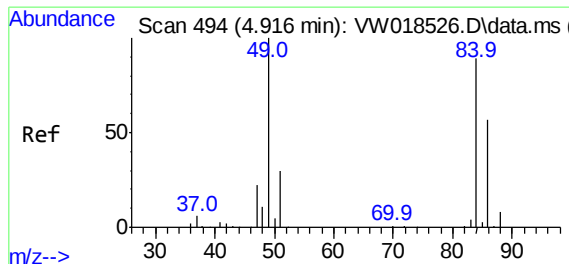
Tgt Ion: 43 Resp: 6710
Ion Ratio Lower Upper
43 100
58 9.2 0.0 62.2



#14
Carbon disulfide
Concen: 0.32 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
Lab File: VW018536.D
Acq: 01 Apr 2021 15:21

Tgt Ion: 76 Resp: 5608
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.2



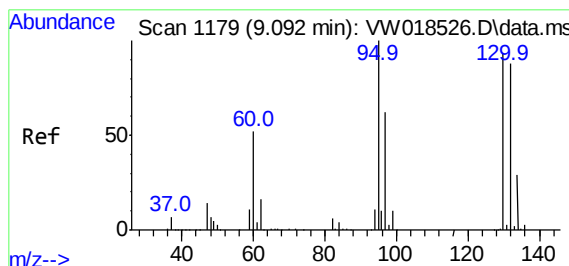
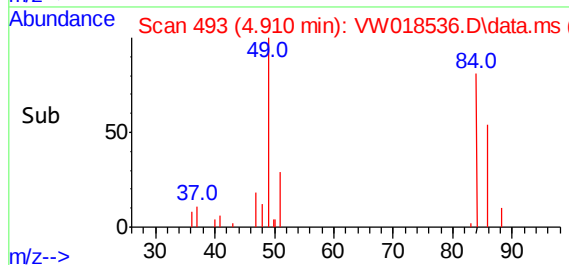
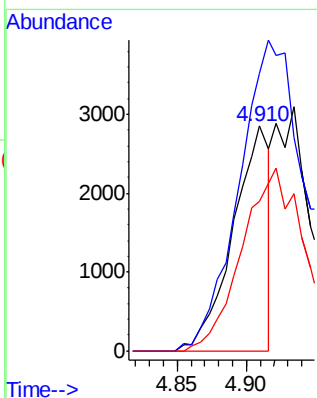
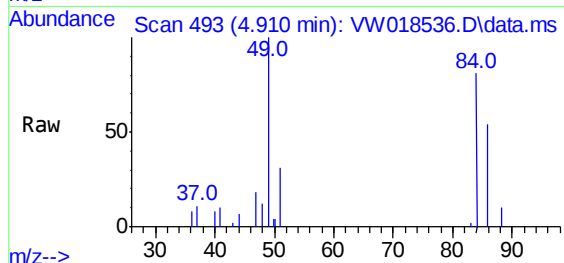


#16
Methylene chloride
Concen: 0.69 ug/L
RT: 4.910 min Scan# 493
Delta R.T. -0.006 min
Lab File: VW018536.D
Acq: 01 Apr 2021 15:21

Instrument :
MSVOA_W
ClientSampled :
BG579

Tgt Ion: 84 Resp: 5211

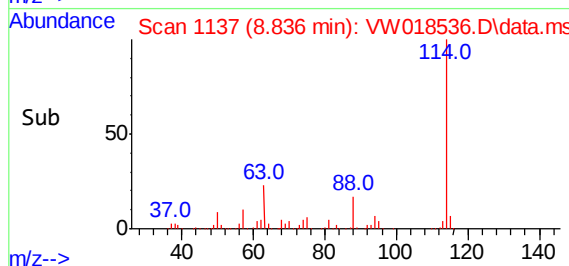
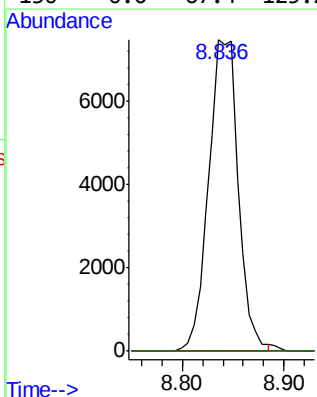
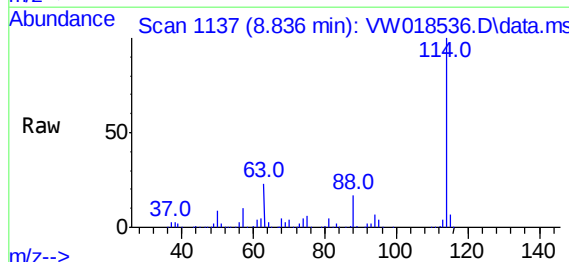
Ion	Ratio	Lower	Upper
84	100		
49	123.7	74.4	138.2
86	66.3	46.1	85.7

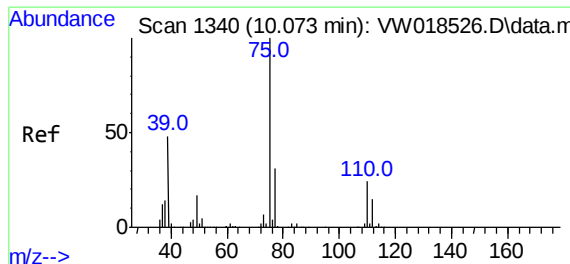


#35
Trichloroethene
Concen: 2.27 ug/L
RT: 8.836 min Scan# 1137
Delta R.T. -0.256 min
Lab File: VW018536.D
Acq: 01 Apr 2021 15:21

Tgt Ion: 95 Resp: 15061

Ion	Ratio	Lower	Upper
95	100		
97	0.1	44.4	82.4#
132	0.0	65.9	122.5#
130	0.0	67.4	125.2#



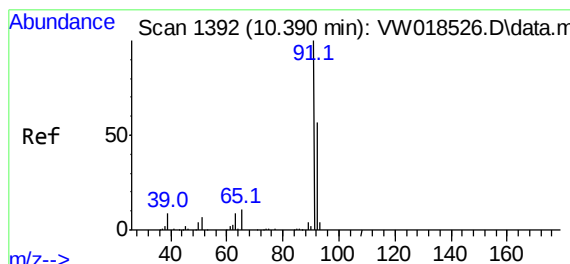
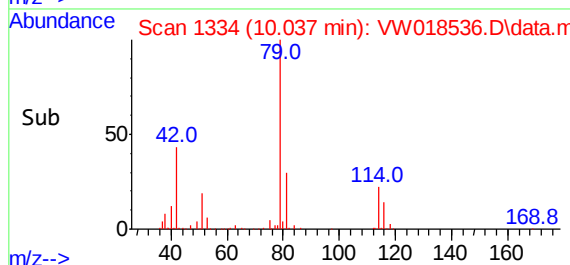
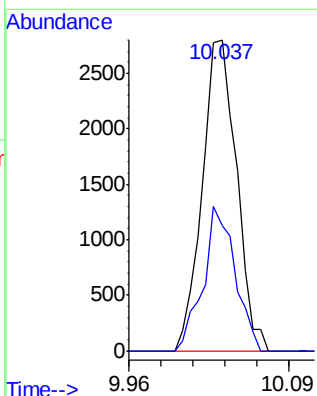
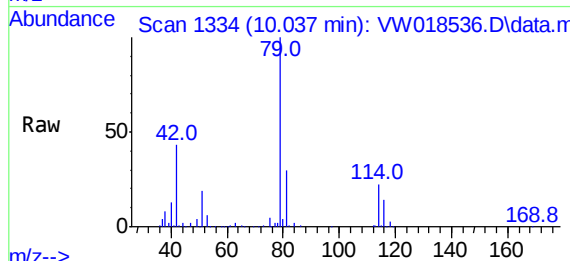


#42
 cis-1,3-Dichloropropene
 Concen: 0.52 ug/L
 RT: 10.037 min Scan# 1334
 Delta R.T. -0.037 min
 Lab File: VW018536.D
 Acq: 01 Apr 2021 15:21

Instrument :
 MSVOA_W
 ClientSampled :
 BG579

Tgt Ion: 75 Resp: 5134

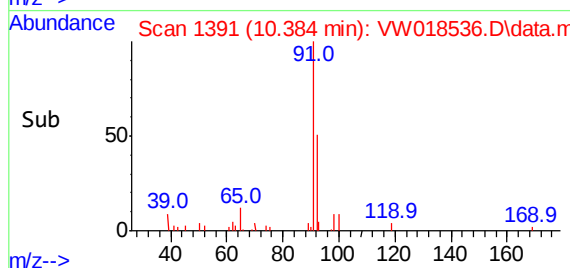
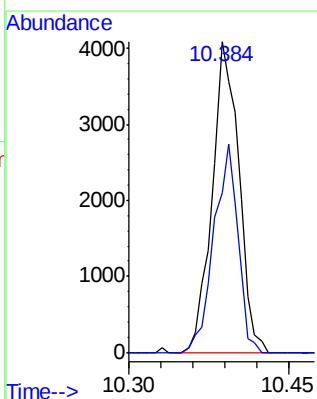
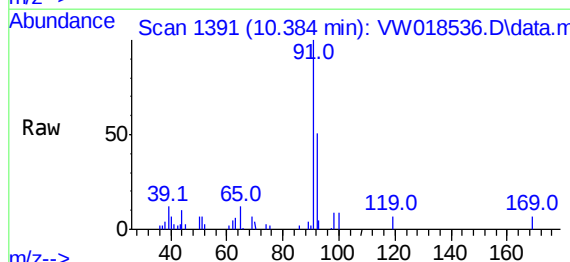
Ion	Ratio	Lower	Upper
75	100		
77	40.3	22.4	41.6

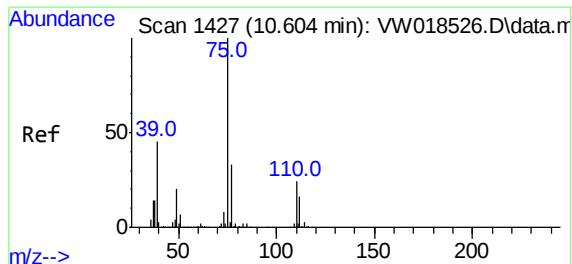


#44
 Toluene
 Concen: 0.25 ug/L
 RT: 10.384 min Scan# 1391
 Delta R.T. -0.006 min
 Lab File: VW018536.D
 Acq: 01 Apr 2021 15:21

Tgt Ion: 91 Resp: 6946

Ion	Ratio	Lower	Upper
91	100		
92	51.4	42.3	78.5

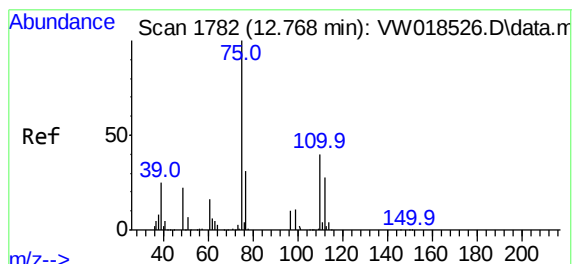
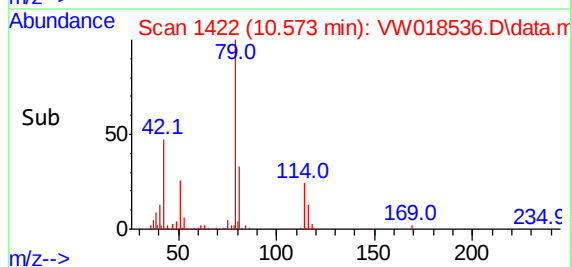
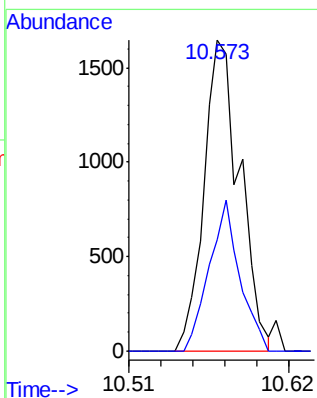
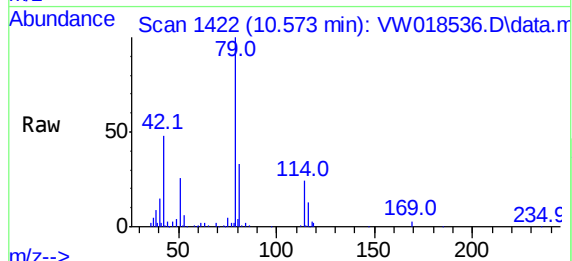




#45
trans-1,3-Dichloropropene
Concen: 0.33 ug/L
RT: 10.573 min Scan# 1422
Delta R.T. -0.030 min
Lab File: VW018536.D
Acq: 01 Apr 2021 15:21

Instrument :
MSVOA_W
ClientSampleID :
BG579

Tgt Ion: 75 Resp: 2949
Ion Ratio Lower Upper
75 100
77 35.7 22.6 42.0



#59
1,2,3-Trichloropropane
Concen: 6.37 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.786 min
Lab File: VW018536.D
Acq: 01 Apr 2021 15:21

Tgt Ion: 75 Resp: 27262
Ion Ratio Lower Upper
75 100
77 33.0 25.6 38.4

