

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040221\
 Data File : VW018546.D
 Acq On : 02 Apr 2021 12:39
 Operator : SY/VA
 Sample : M1896-08RE
 Misc : 5.34G/10ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG584

Quant Time: Apr 02 23:45:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 02 23:44:48 2021
 Response via : Initial Calibration

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

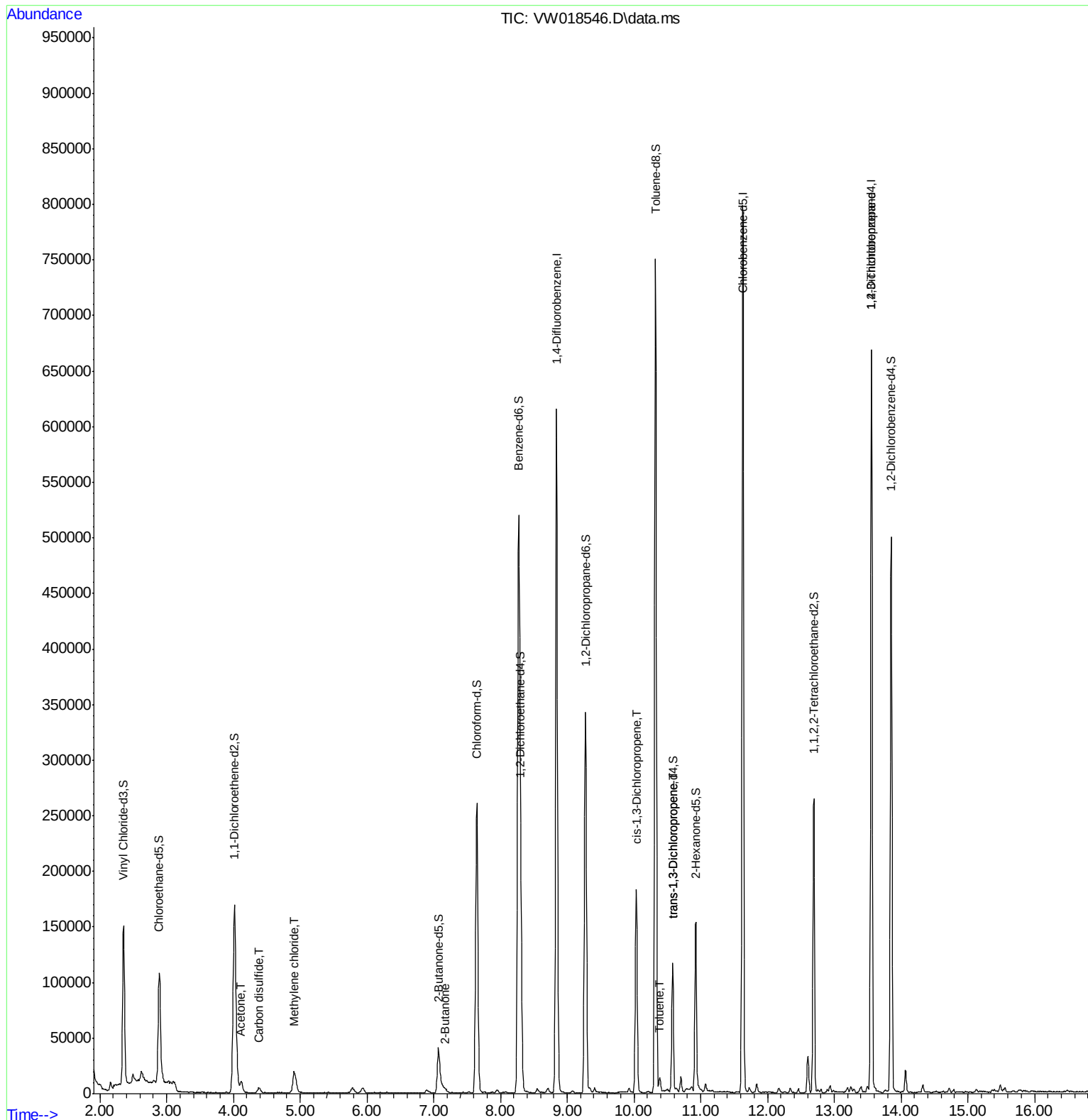
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	507309	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	431839	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	166727	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	166628	23.60	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	94.40%		
7) Chloroethane-d5	2.885	69	135331	21.90	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	87.60%		
10) 1,1-Dichloroethene-d2	4.013	63	185229	15.20	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery =	60.80%		
20) 2-Butanone-d5	7.074	46	69793	44.41	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	88.82%		
24) Chloroform-d	7.647	84	261343	20.23	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	80.92%		
26) 1,2-Dichloroethane-d4	8.305	65	165104	21.89	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	87.56%		
29) Benzene-d6	8.275	84	512422	22.32	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	89.28%		
33) 1,2-Dichloropropane-d6	9.274	67	150579	22.74	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	90.96%		
37) Toluene-d8	10.323	98	488953	22.12	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	88.48%		
38) trans-1,3-Dichloroprop...	10.579	79	62084	18.18	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	72.72%		
39) 2-Hexanone-d5	10.920	63	53077	40.96	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	81.92%		
48) 1,1,2,2-Tetrachloroeth...	12.694	84	124213	20.97	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	83.88%		
61) 1,2-Dichlorobenzene-d4	13.853	152	123619	20.86	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	83.44%		
Target Compounds						
13) Acetone	4.111	43	16577	14.68	ug/L	97
14) Carbon disulfide	4.379	76	5499	0.29	ug/L #	88
16) Methylene chloride	4.909	84	16122	1.94	ug/L	92
21) 2-Butanone	7.171	43	3739	2.08	ug/L	72
42) cis-1,3-Dichloropropene	10.036	75	5722	0.55	ug/L	93
44) Toluene	10.384	91	8754	0.31	ug/L	86
45) trans-1,3-Dichloropropene	10.579	75	3309	0.36	ug/L	93
59) 1,2,3-Trichloropropane	13.554	75	21527	4.83	ug/L	95

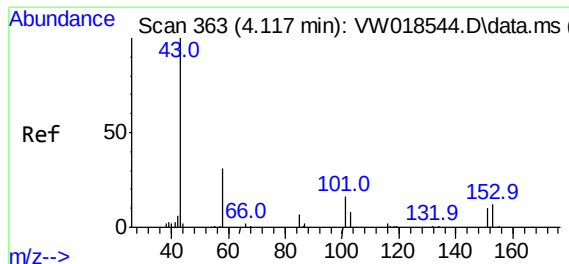
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 02 23:44:48 2021
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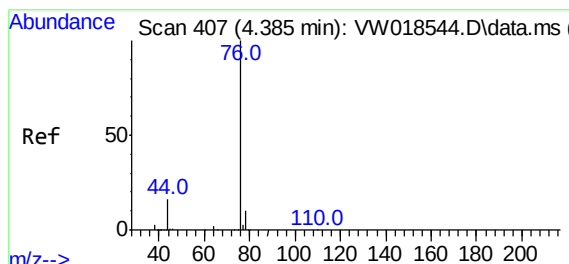
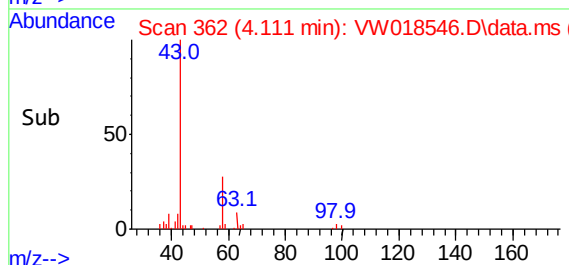
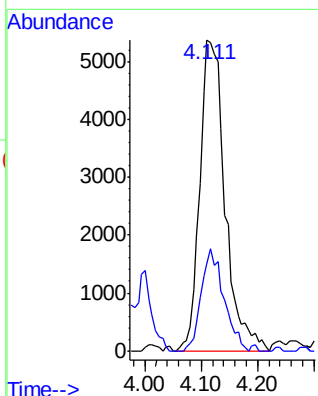
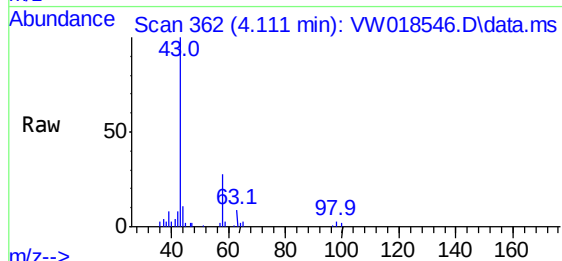




#13
Acetone
Concen: 14.68 ug/L
RT: 4.111 min Scan# 362
Delta R.T. -0.006 min
Lab File: VW018546.D
Acq: 02 Apr 2021 12:39

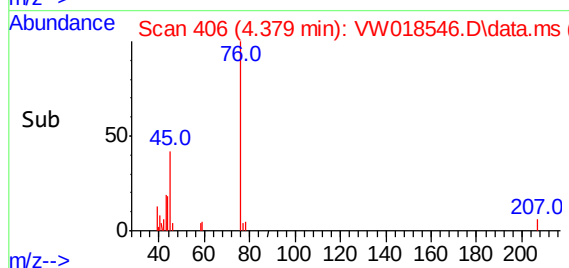
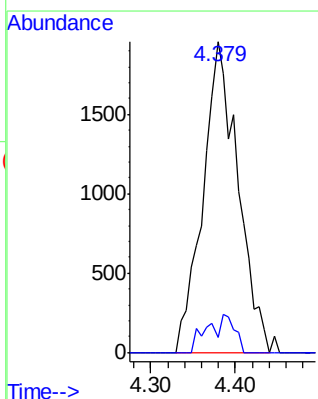
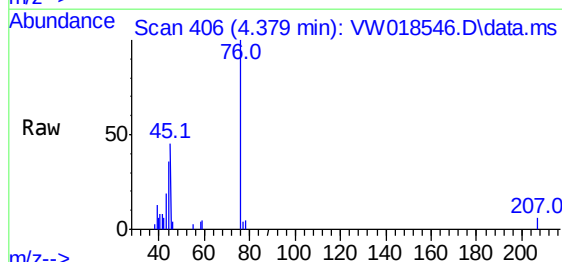
Instrument :
MSVOA_W
ClientSampled :
BG584

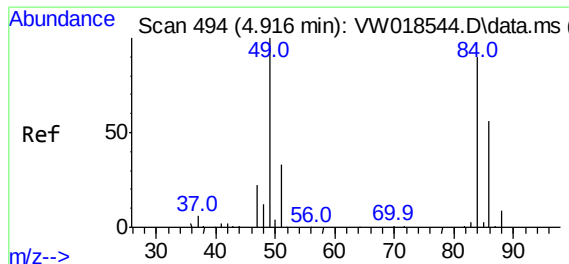
Tgt Ion: 43 Resp: 16577
Ion Ratio Lower Upper
43 100
58 29.4 0.0 62.2



#14
Carbon disulfide
Concen: 0.29 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.006 min
Lab File: VW018546.D
Acq: 02 Apr 2021 12:39

Tgt Ion: 76 Resp: 5499
Ion Ratio Lower Upper
76 100
78 4.8 7.4 11.2#



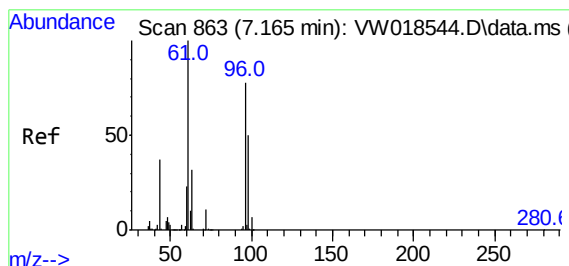
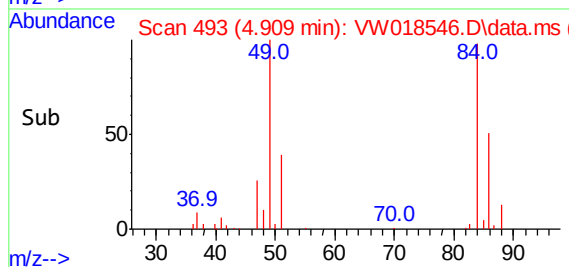
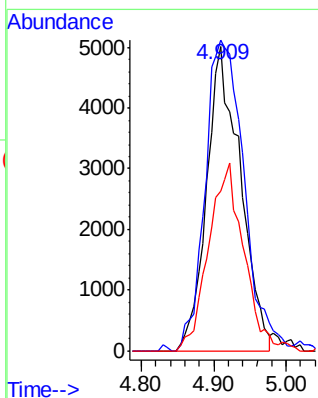
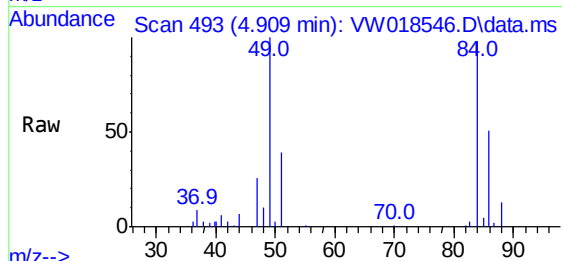


#16
Methylene chloride
Concen: 1.94 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.006 min
Lab File: VW018546.D
Acq: 02 Apr 2021 12:39

Instrument :
MSVOA_W
ClientSampleId :
BG584

Tgt Ion: 84 Resp: 16122

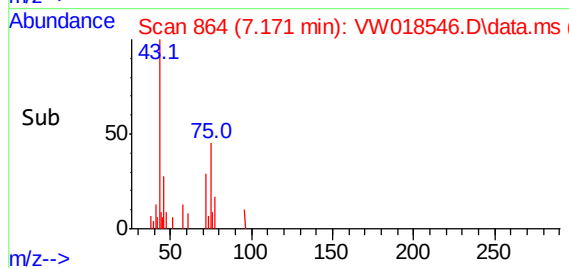
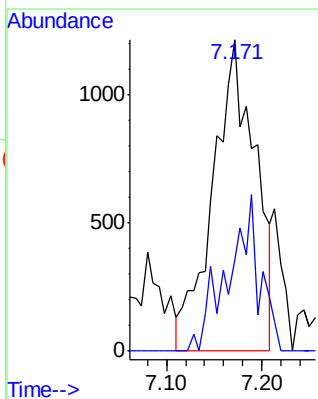
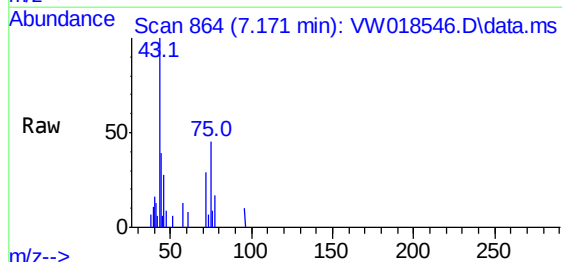
Ion	Ratio	Lower	Upper
84	100		
49	102.2	74.4	138.2
86	54.4	46.1	85.7

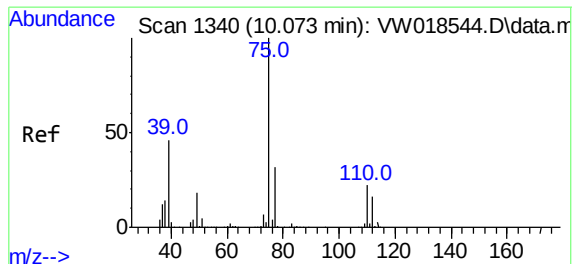


#21
2-Butanone
Concen: 2.08 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW018546.D
Acq: 02 Apr 2021 12:39

Tgt Ion: 43 Resp: 3739

Ion	Ratio	Lower	Upper
43	100		
72	17.0	16.5	49.5

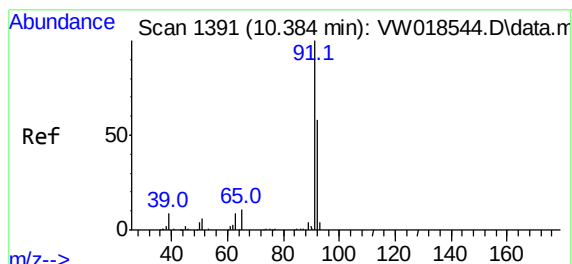
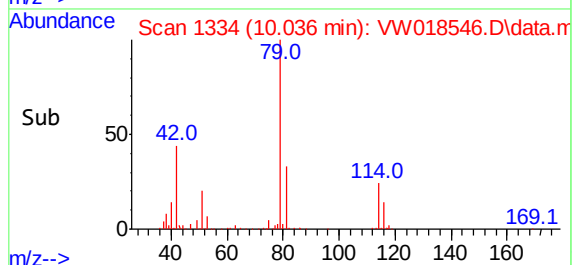
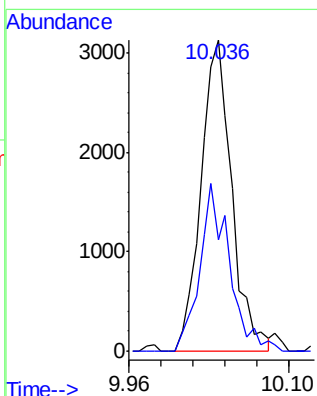
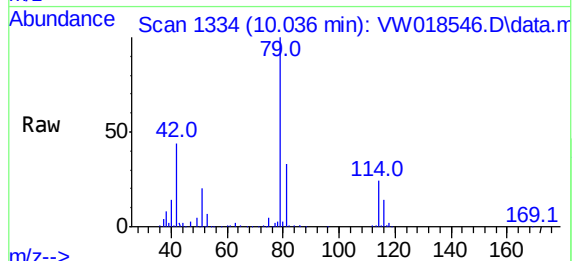




#42
cis-1,3-Dichloropropene
Concen: 0.55 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018546.D
Acq: 02 Apr 2021 12:39

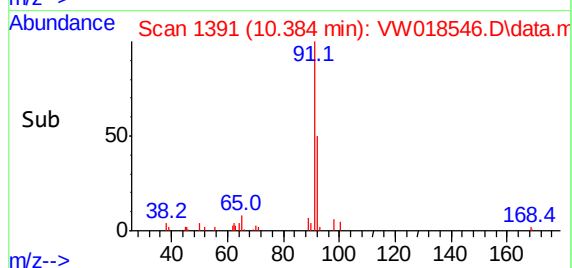
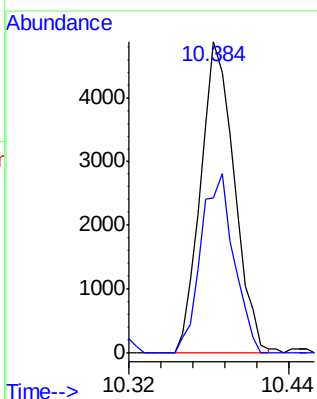
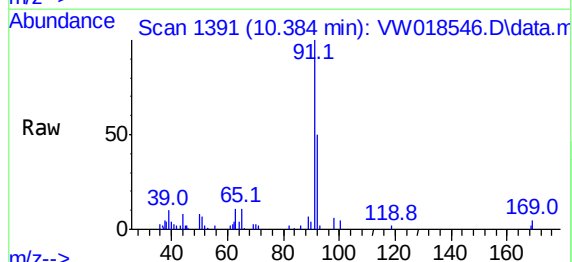
Instrument :
MSVOA_W
ClientSampled :
BG584

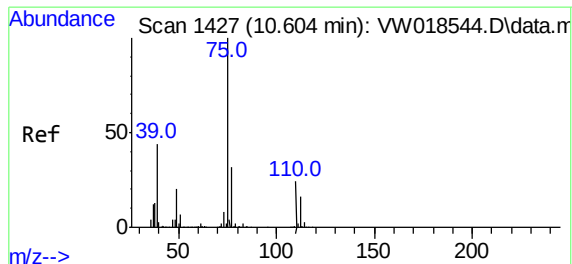
Tgt Ion: 75 Resp: 5722
Ion Ratio Lower Upper
75 100
77 35.8 22.4 41.6



#44
Toluene
Concen: 0.31 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW018546.D
Acq: 02 Apr 2021 12:39

Tgt Ion: 91 Resp: 8754
Ion Ratio Lower Upper
91 100
92 49.7 42.3 78.5

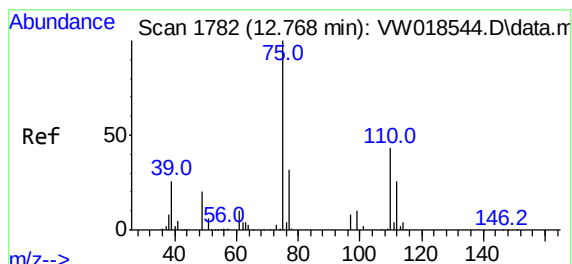
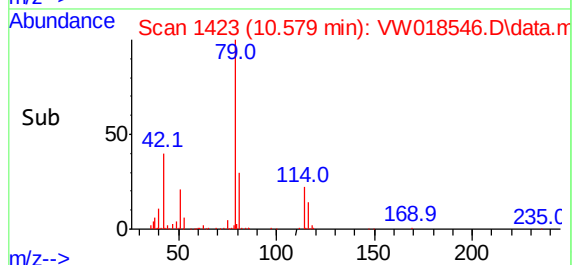
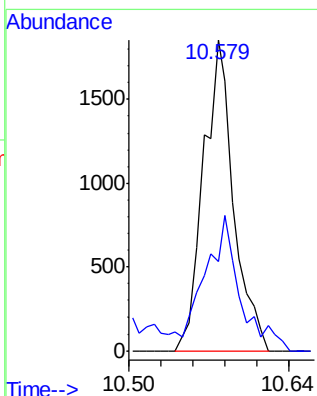
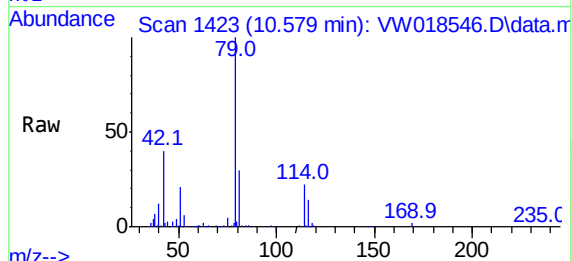




#45
trans-1,3-Dichloropropene
Concen: 0.36 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.025 min
Lab File: VW018546.D
Acq: 02 Apr 2021 12:39

Instrument :
MSVOA_W
ClientSampled :
BG584

Tgt Ion: 75 Resp: 3309
Ion Ratio Lower Upper
75 100
77 28.6 22.6 42.0



#59
1,2,3-Trichloropropane
Concen: 4.83 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.786 min
Lab File: VW018546.D
Acq: 02 Apr 2021 12:39

Tgt Ion: 75 Resp: 21527
Ion Ratio Lower Upper
75 100
77 35.0 25.6 38.4

