

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040121\
 Data File : VW018535.D
 Acq On : 01 Apr 2021 14:45
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK21

Quant Time: Apr 02 03:31:41 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)

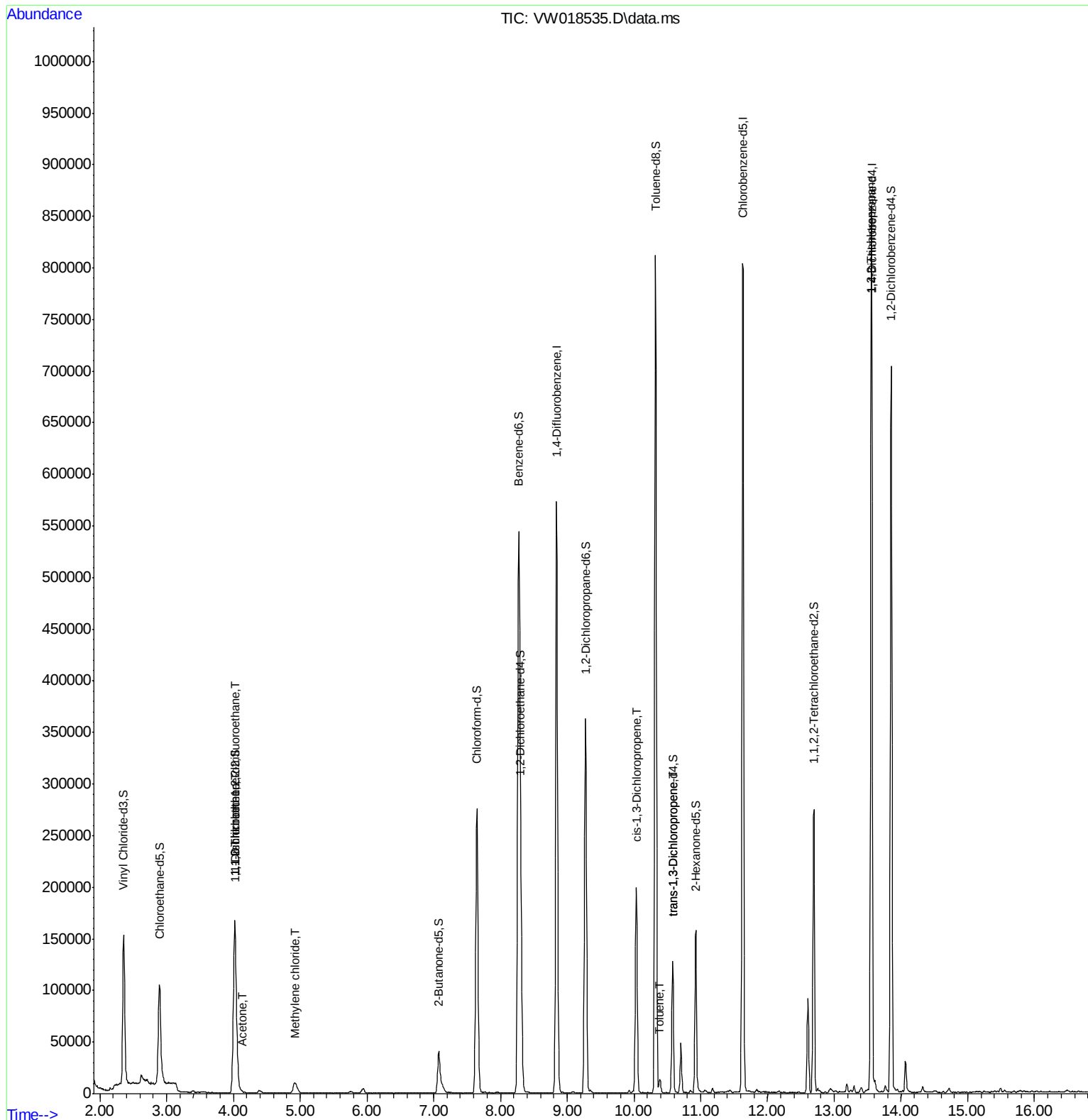
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	482223	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	436626	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	214374	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	177868	26.51	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	106.04%		
7) Chloroethane-d5	2.891	69	137692	23.44	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	93.76%		
10) 1,1-Dichloroethene-d2	4.019	63	193460	16.70	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	66.80%		
20) 2-Butanone-d5	7.080	46	66527	44.53	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	89.06%		
24) Chloroform-d	7.647	84	273048	22.23	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	88.92%		
26) 1,2-Dichloroethane-d4	8.305	65	168528	23.50	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	94.00%		
29) Benzene-d6	8.275	84	554047	23.87	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	95.48%		
33) 1,2-Dichloropropane-d6	9.274	67	157401	23.51	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	94.04%		
37) Toluene-d8	10.323	98	523236	23.41	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	93.64%		
38) trans-1,3-Dichloroprop...	10.579	79	70349	20.37	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	81.48%		
39) 2-Hexanone-d5	10.921	63	54372	41.50	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	83.00%		
48) 1,1,2,2-Tetrachloroeth...	12.695	84	131377	21.94	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	87.76%		
61) 1,2-Dichlorobenzene-d4	13.853	152	169160	22.20	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	88.80%		
Target Compounds						
11) 1,1,2-Trichloro-1,2,2-...	4.019	101	1682	0.28	ug/L #	20
12) 1,1-Dichloroethene	4.025	96	1595	0.26	ug/L #	1
13) Acetone	4.129	43	771	0.72	ug/L	80
16) Methylene chloride	4.922	84	8396	1.06	ug/L	87
42) cis-1,3-Dichloropropene	10.037	75	6160	0.59	ug/L #	61
44) Toluene	10.384	91	9083	0.32	ug/L	97
45) trans-1,3-Dichloropropene	10.579	75	3605	0.38	ug/L	85
59) 1,2,3-Trichloropropane	13.554	75	29141	6.47	ug/L	89

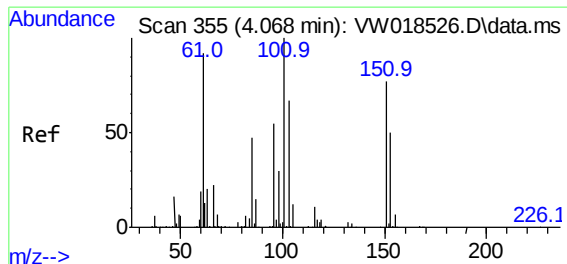
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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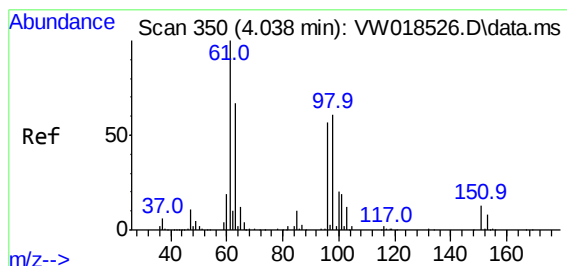
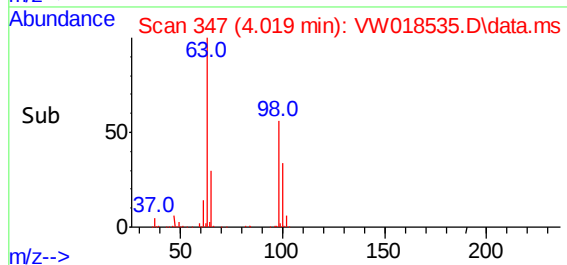
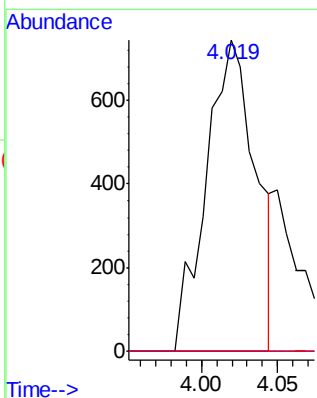
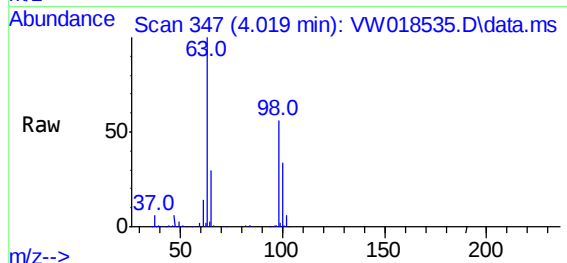




#11
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.28 ug/L
 RT: 4.019 min Scan# 347
 Delta R.T. -0.049 min
 Lab File: VW018535.D
 Acq: 01 Apr 2021 14:45

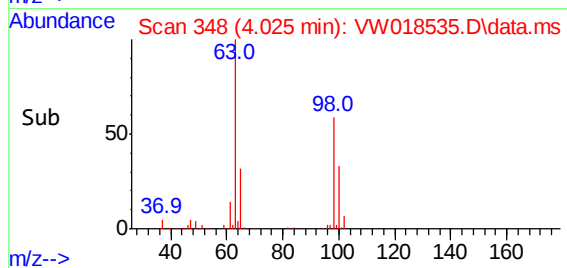
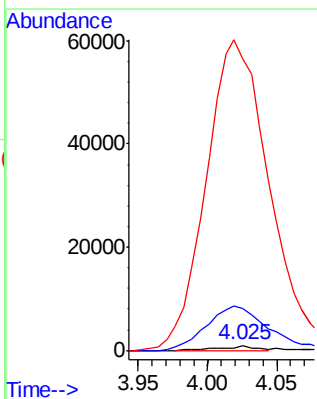
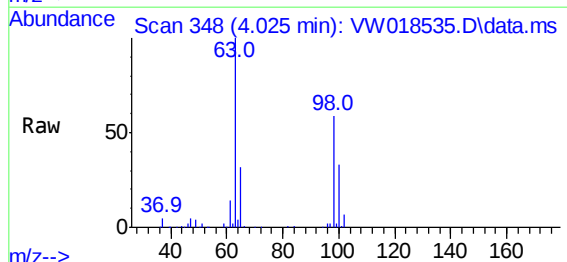
Instrument :
 MSVOA_W
 ClientSampled :
 VIBLK21

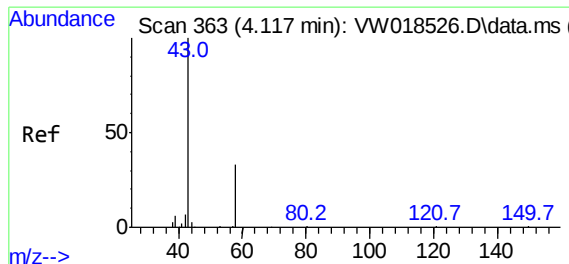
Tgt Ion:101 Resp: 1682
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.6 53.4#
 151 0.0 58.1 87.1#



#12
 1,1-Dichloroethene
 Concen: 0.26 ug/L
 RT: 4.025 min Scan# 348
 Delta R.T. -0.012 min
 Lab File: VW018535.D
 Acq: 01 Apr 2021 14:45

Tgt Ion: 96 Resp: 1595
 Ion Ratio Lower Upper
 96 100
 61 870.4 118.6 220.2#
 63 6057.4 82.4 153.0#

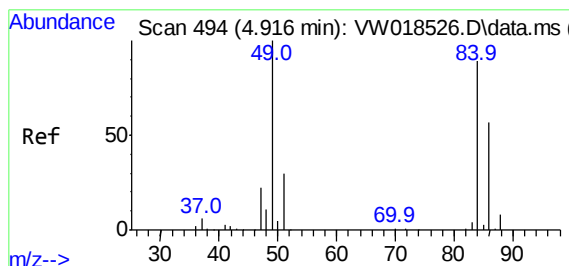
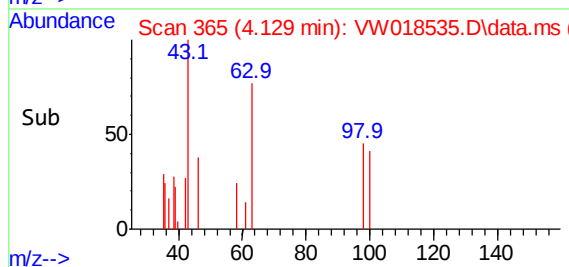
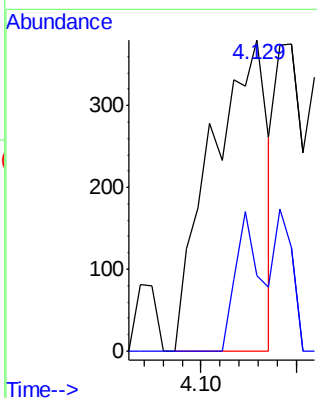
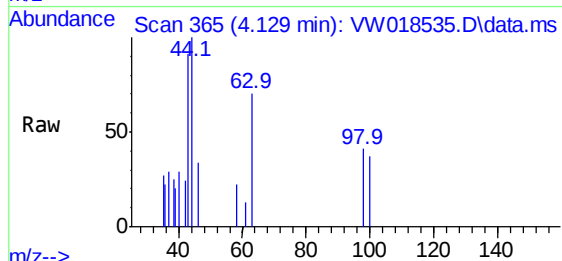




#13
Acetone
Concen: 0.72 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.012 min
Lab File: VW018535.D
Acq: 01 Apr 2021 14:45

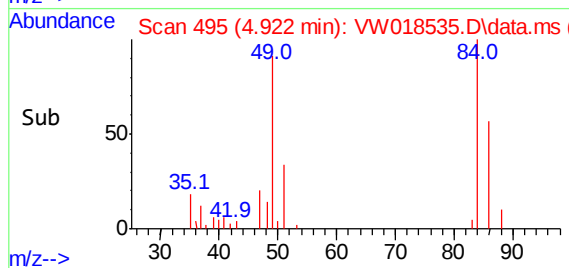
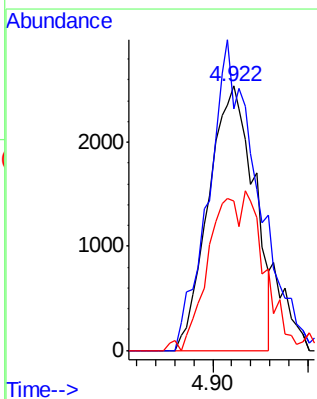
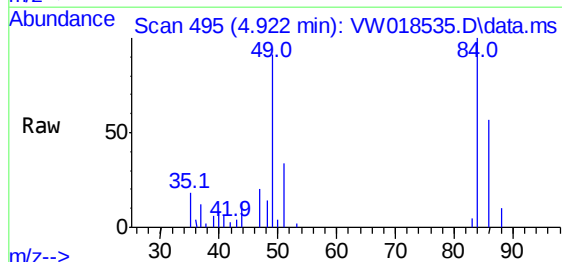
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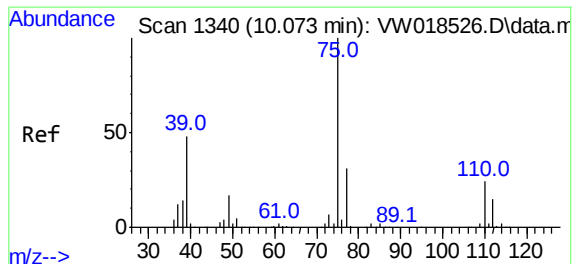
Tgt Ion: 43 Resp: 771
Ion Ratio Lower Upper
43 100
58 20.4 0.0 62.2



#16
Methylene chloride
Concen: 1.06 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018535.D
Acq: 01 Apr 2021 14:45

Tgt Ion: 84 Resp: 8396
Ion Ratio Lower Upper
84 100
49 91.3 74.4 138.2
86 56.6 46.1 85.7

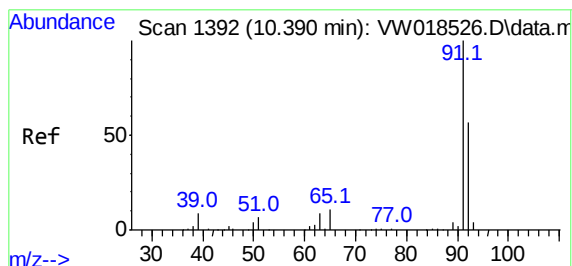
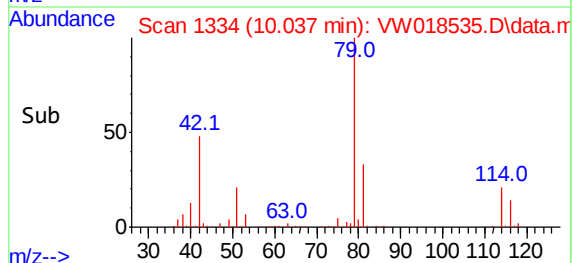
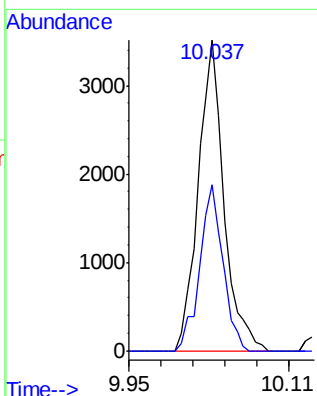
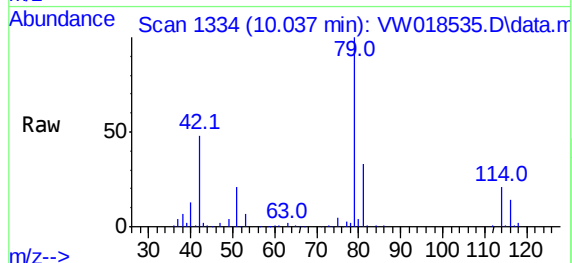




#42
cis-1,3-Dichloropropene
Concen: 0.59 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018535.D
Acq: 01 Apr 2021 14:45

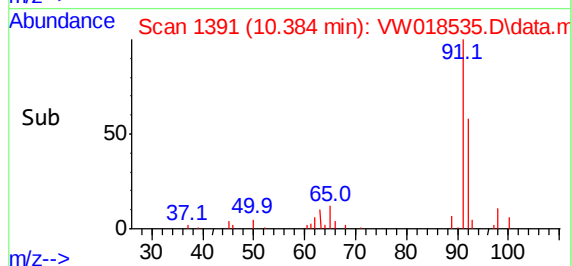
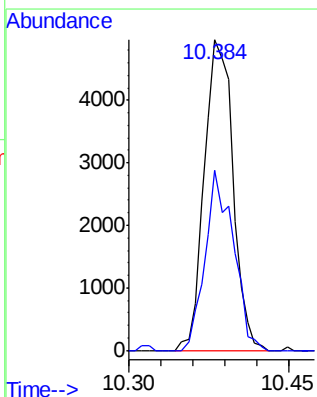
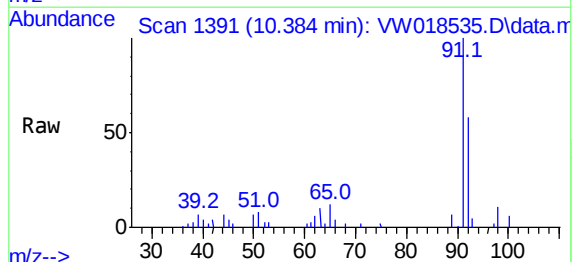
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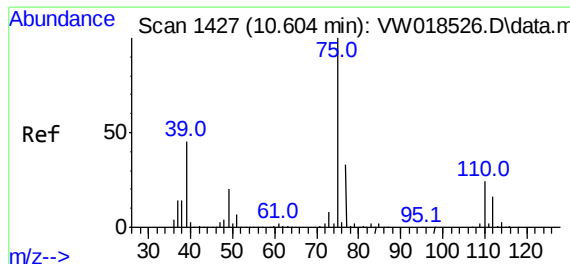
Tgt Ion: 75 Resp: 6160
Ion Ratio Lower Upper
75 100
77 53.5 22.4 41.6#



#44
Toluene
Concen: 0.32 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VW018535.D
Acq: 01 Apr 2021 14:45

Tgt Ion: 91 Resp: 9083
Ion Ratio Lower Upper
91 100
92 58.2 42.3 78.5

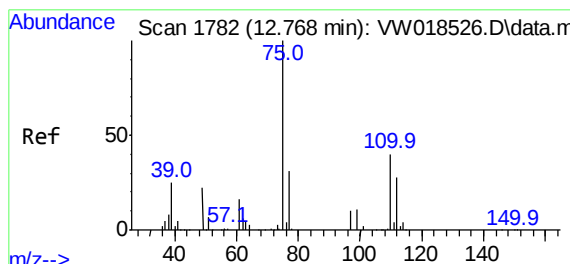
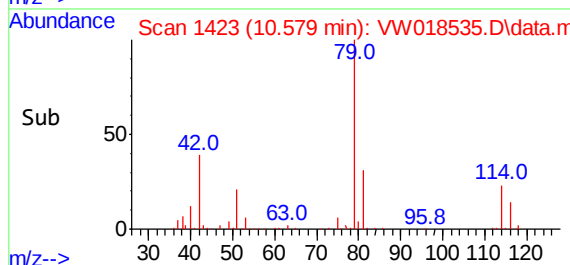
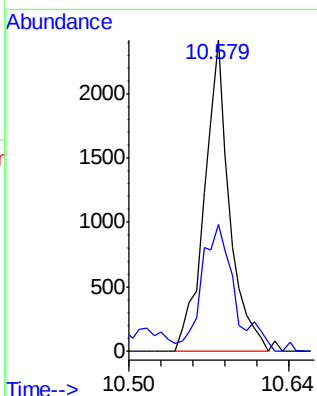
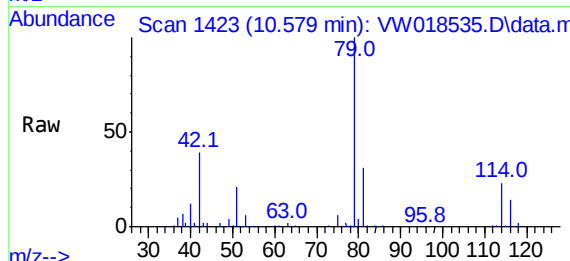




#45
trans-1,3-Dichloropropene
Concen: 0.38 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.024 min
Lab File: VW018535.D
Acq: 01 Apr 2021 14:45

Instrument :
MSVOA_W
ClientSampled :
VIBLK21

Tgt Ion: 75 Resp: 3605
Ion Ratio Lower Upper
75 100
77 40.5 22.6 42.0



#59
1,2,3-Trichloropropane
Concen: 6.47 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.786 min
Lab File: VW018535.D
Acq: 01 Apr 2021 14:45

Tgt Ion: 75 Resp: 29141
Ion Ratio Lower Upper
75 100
77 38.2 25.6 38.4

