

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040121\
 Data File : VW018537.D
 Acq On : 01 Apr 2021 15:45
 Operator : SY/VA
 Sample : M1896-04
 Misc : 4.28G/10ML/MSVOA_W/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG580

Quant Time: Apr 02 03:32:17 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)

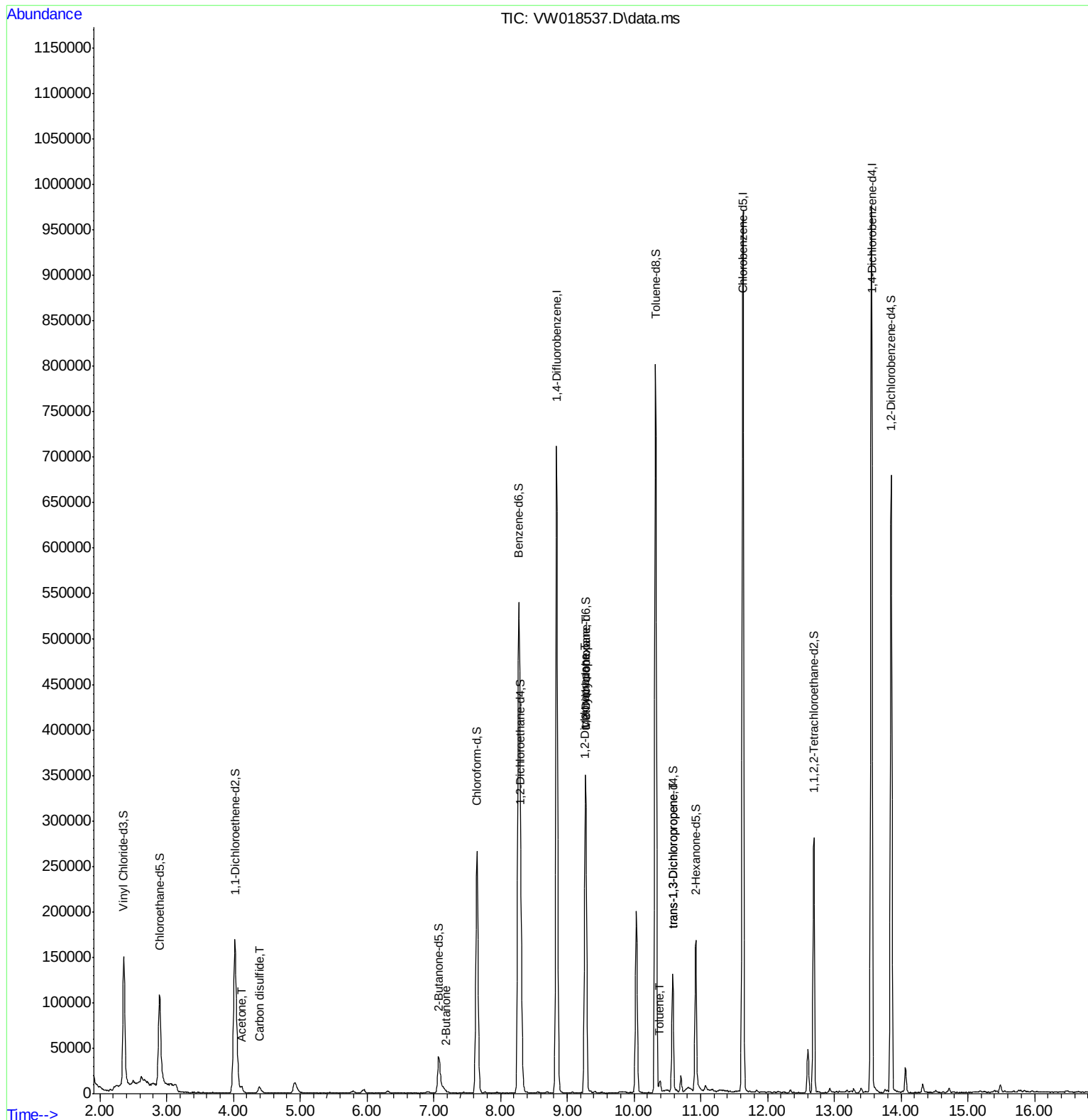
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	578227	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	523010	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	247524	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	182498	22.68	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	90.72%		
7) Chloroethane-d5	2.891	69	142361	20.21	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	80.84%		
10) 1,1-Dichloroethene-d2	4.019	63	195141	14.05	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	56.20%		
20) 2-Butanone-d5	7.074	46	69339	38.71	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	77.42%		
24) Chloroform-d	7.647	84	270820	18.39	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	73.56%		
26) 1,2-Dichloroethane-d4	8.305	65	168040	19.55	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	78.20%		
29) Benzene-d6	8.274	84	542748	19.52	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	78.08%		
33) 1,2-Dichloropropane-d6	9.274	67	152930	19.07	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	76.28%		
37) Toluene-d8	10.323	98	526742	19.68	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	78.72%		
38) trans-1,3-Dichloroprop...	10.579	79	67801	16.39	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	65.56%		
39) 2-Hexanone-d5	10.926	63	56238	35.83	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	71.66%		
48) 1,1,2,2-Tetrachloroeth...	12.694	84	131842	18.38	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	73.52%		
61) 1,2-Dichlorobenzene-d4	13.853	152	163960	18.63	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	74.52%#		
Target Compounds						
13) Acetone	4.123	43	7811	6.07	ug/L	98
14) Carbon disulfide	4.391	76	9907	0.45	ug/L	100
21) 2-Butanone	7.177	43	1517	0.74	ug/L	98
36) Methylcyclohexane	9.274	83	39784	2.72	ug/L #	21
40) 1,2-Dichloropropane	9.268	63	19948	2.69	ug/L #	84
44) Toluene	10.384	91	8778	0.25	ug/L	87
45) trans-1,3-Dichloropropene	10.579	75	3501	0.31	ug/L	94

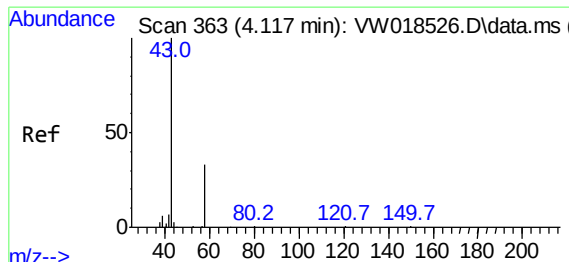
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

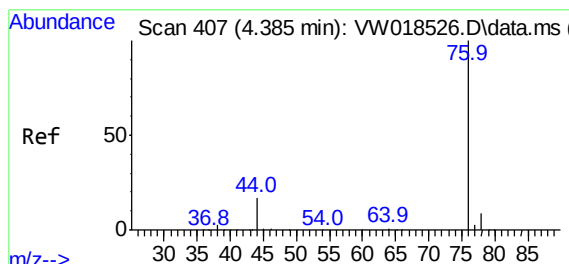
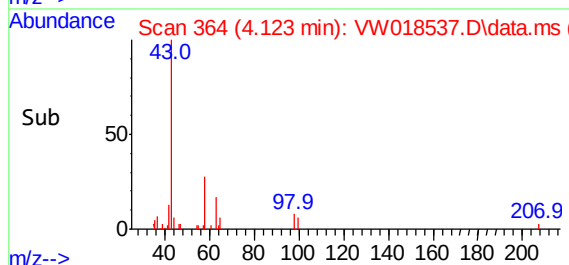
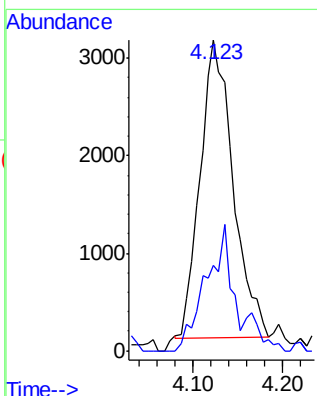
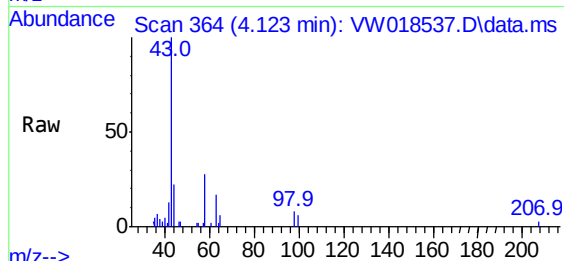




#13
Acetone
Concen: 6.07 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW018537.D
Acq: 01 Apr 2021 15:45

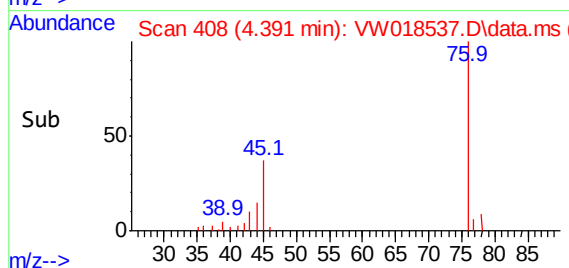
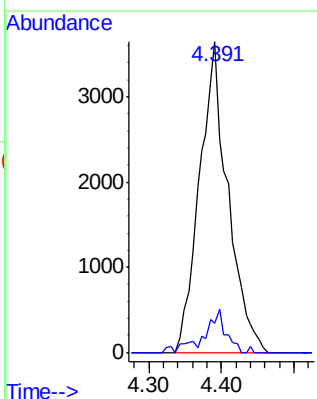
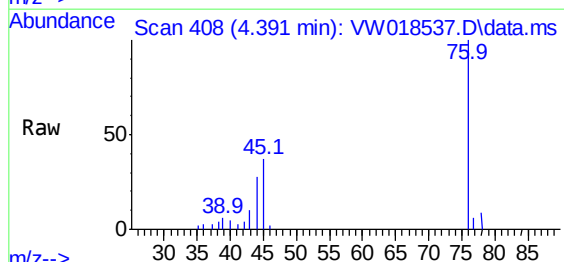
Instrument :
MSVOA_W
ClientSampled :
BG580

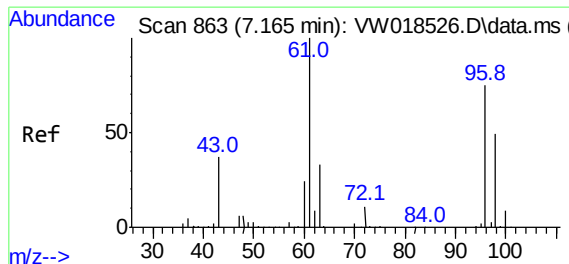
Tgt Ion: 43 Resp: 7811
Ion Ratio Lower Upper
43 100
58 32.2 0.0 62.2



#14
Carbon disulfide
Concen: 0.45 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
Lab File: VW018537.D
Acq: 01 Apr 2021 15:45

Tgt Ion: 76 Resp: 9907
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.2

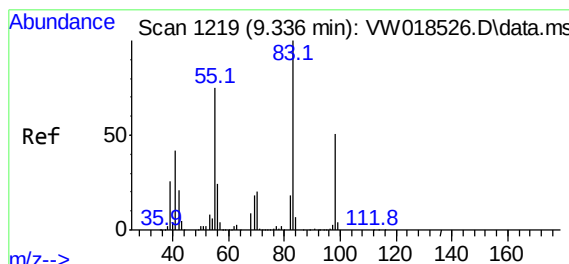
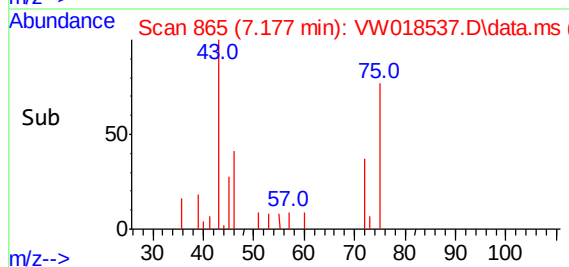
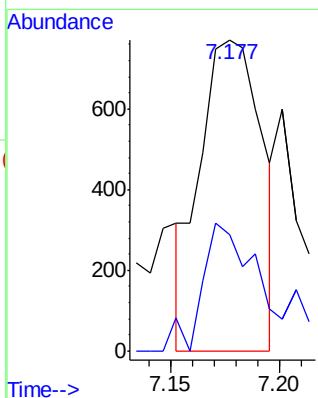
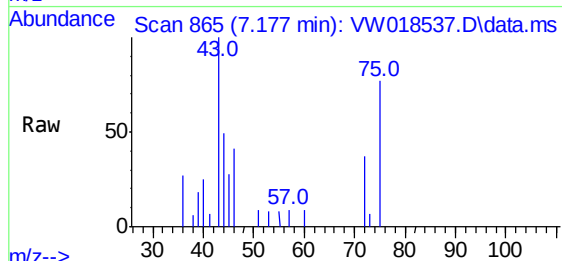




#21
2-Butanone
Concen: 0.74 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.012 min
Lab File: VW018537.D
Acq: 01 Apr 2021 15:45

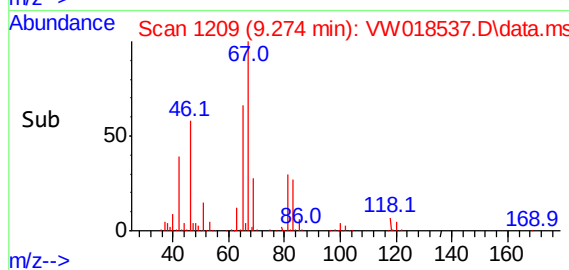
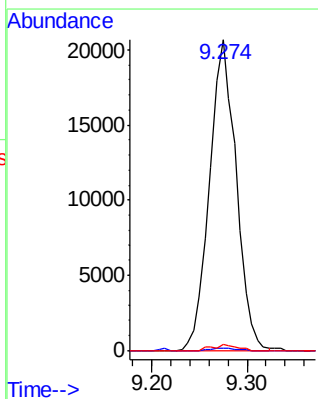
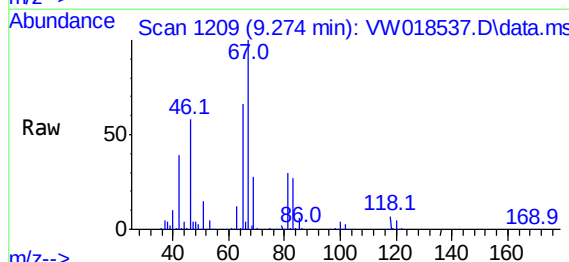
Instrument :
MSVOA_W
ClientSampled :
BG580

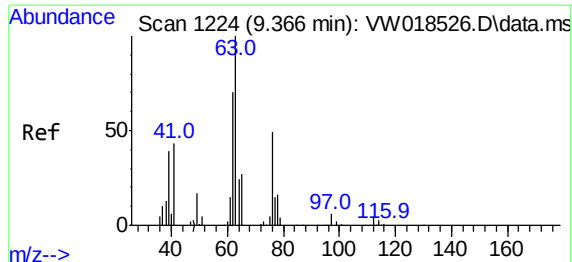
Tgt Ion: 43 Resp: 1517
Ion Ratio Lower Upper
43 100
72 34.0 16.5 49.5



#36
Methylcyclohexane
Concen: 2.72 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW018537.D
Acq: 01 Apr 2021 15:45

Tgt Ion: 83 Resp: 39784
Ion Ratio Lower Upper
83 100
55 0.7 56.8 85.2#
98 1.2 40.6 61.0#

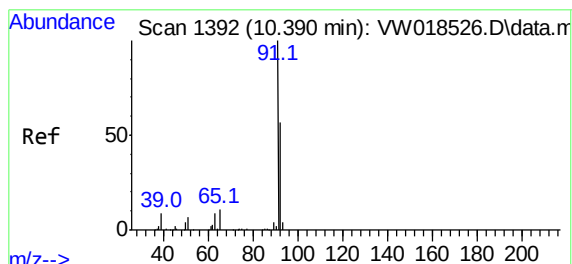
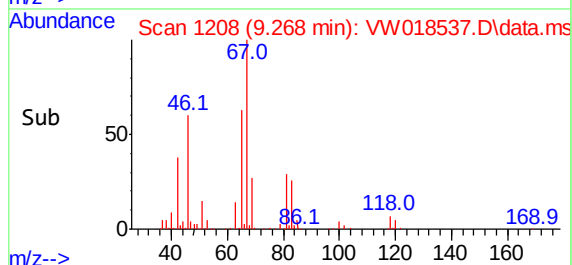
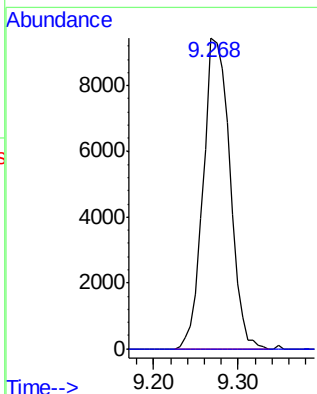
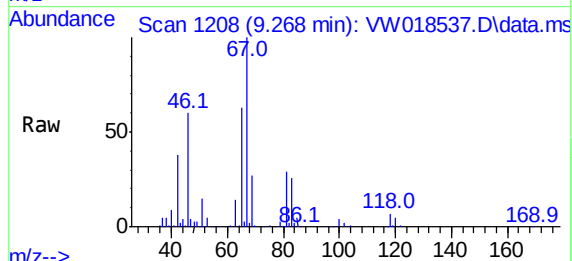




#40
1,2-Dichloropropane
Concen: 2.69 ug/L
RT: 9.268 min Scan# 1208
Delta R.T. -0.098 min
Lab File: VW018537.D
Acq: 01 Apr 2021 15:45

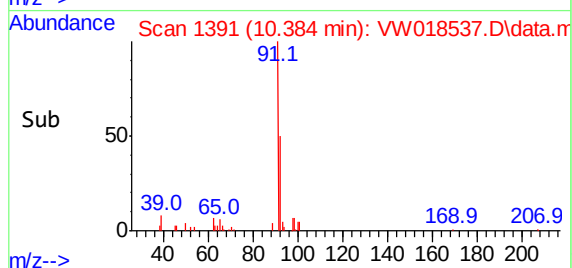
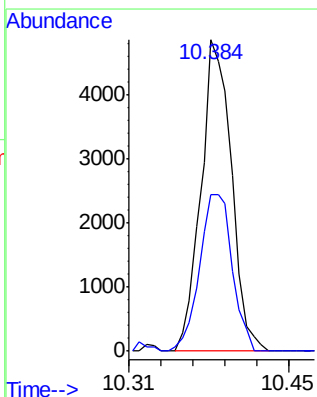
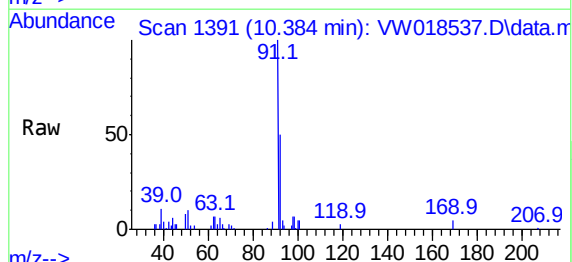
Instrument :
MSVOA_W
ClientSampled :
BG580

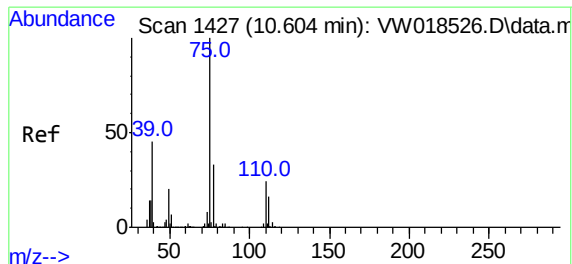
Tgt Ion: 63 Resp: 19948
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#



#44
Toluene
Concen: 0.25 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VW018537.D
Acq: 01 Apr 2021 15:45

Tgt Ion: 91 Resp: 8778
Ion Ratio Lower Upper
91 100
92 50.3 42.3 78.5





#45
 trans-1,3-Dichloropropene
 Concen: 0.31 ug/L
 RT: 10.579 min Scan# 1423
 Delta R.T. -0.025 min
 Lab File: VW018537.D
 Acq: 01 Apr 2021 15:45

Instrument :
 MSVOA_W
 ClientSampleId :
 BG580

Tgt Ion: 75 Resp: 3501
 Ion Ratio Lower Upper
 75 100
 77 35.7 22.6 42.0

