

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092121\
 Data File : VW020106.D
 Acq On : 21 Sep 2021 21:03
 Operator : SY/VA
 Sample : M3837-01
 Misc : 4.07g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 22 05:11:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 22 05:02:48 2021
 Response via : Initial Calibration

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

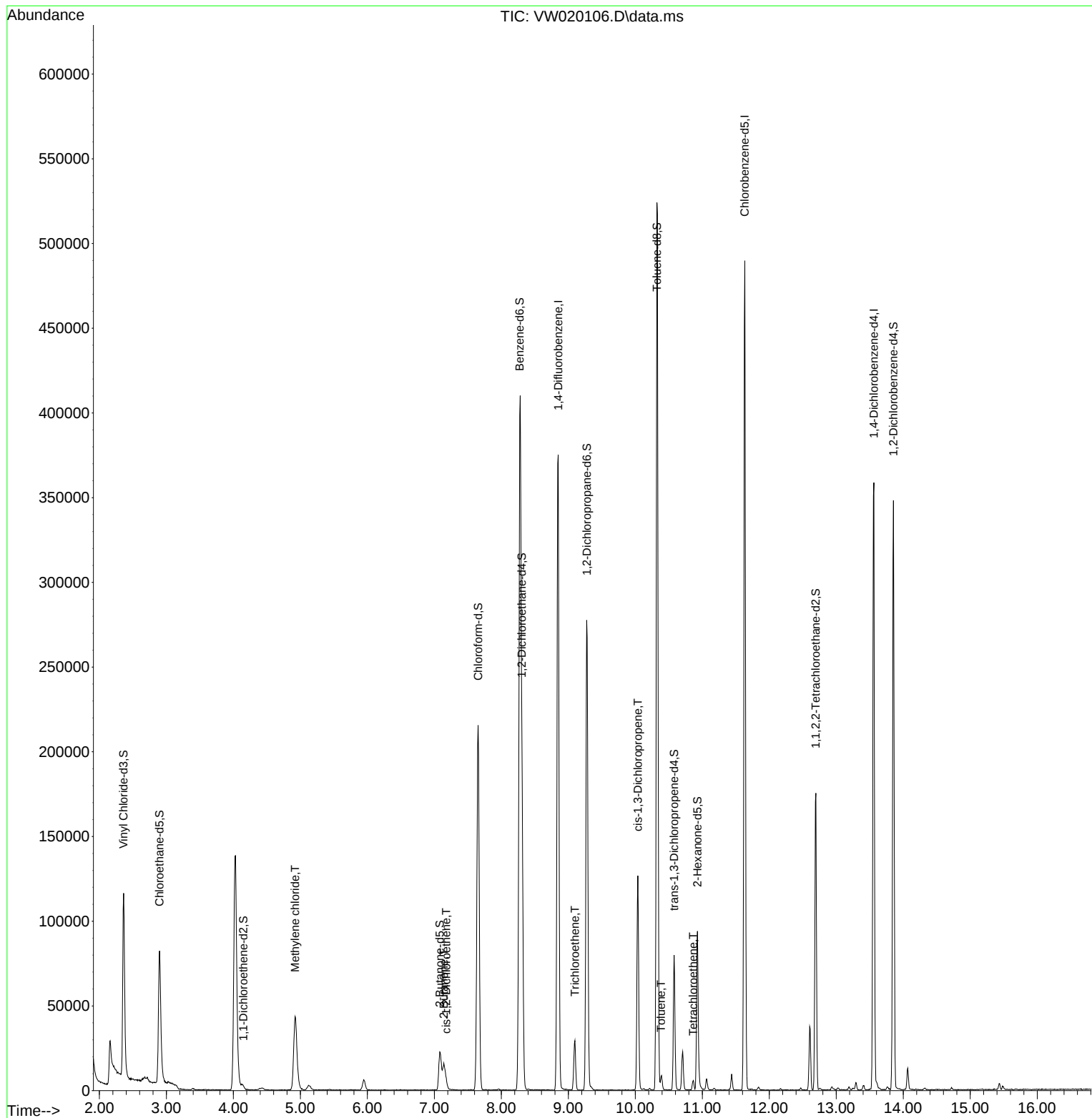
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	305961	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	255608	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	90594	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	131746	21.048	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.200%
7) Chloroethane-d5	2.898	69	108574	23.026	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.120%
11) 1,1-Dichloroethene-d2	4.147	63	142	0.014	ug/L	0.12
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.040%#
21) 2-Butanone-d5	7.080	46	38137	39.484	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.960%
24) Chloroform-d	7.653	84	216233	22.472	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.880%
26) 1,2-Dichloroethane-d4	8.305	65	119126	23.003	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.000%
32) Benzene-d6	8.275	84	412609	25.302	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.200%
36) 1,2-Dichloropropane-d6	9.275	67	122898	26.041	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.160%
41) Toluene-d8	10.323	98	346327	23.341	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.360%
43) trans-1,3-Dichloroprop...	10.579	79	41859	20.751	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.000%
47) 2-Hexanone-d5	10.927	63	28681	43.914	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.820%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	84184	23.125	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.480%
66) 1,2-Dichlorobenzene-d4	13.853	152	84862	24.982	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.920%
Target Compounds						
					Qvalue	
16) Methylene chloride	4.922	84	36816	6.819	ug/L	99
20) cis-1,2-Dichloroethene	7.177	96	2261	0.520	ug/L	83
22) 2-Butanone	7.141	43	3940	3.671	ug/L #	47
34) Trichloroethene	9.098	95	9723	2.354	ug/L	95
39) cis-1,3-Dichloropropene	10.037	75	3469	0.616	ug/L #	72
42) Toluene	10.384	91	5588	0.341	ug/L	99
46) Tetrachloroethene	10.866	164	1128	0.353	ug/L	87

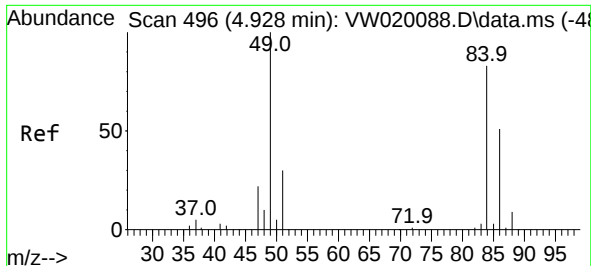
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Wed Sep 22 05:02:48 2021
Response via : Initial Calibration

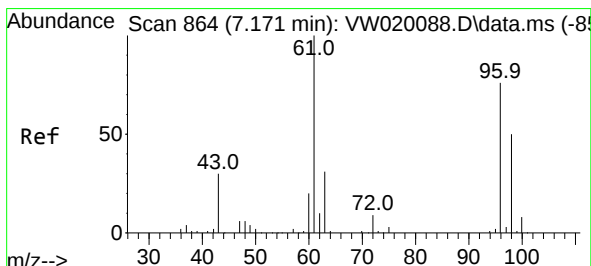
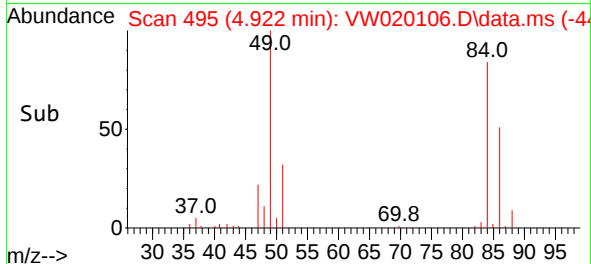
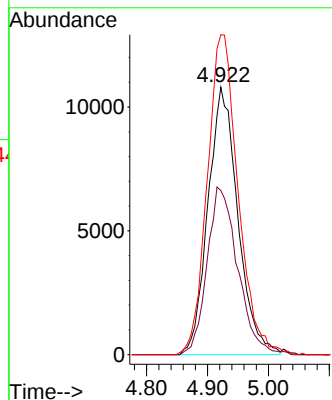
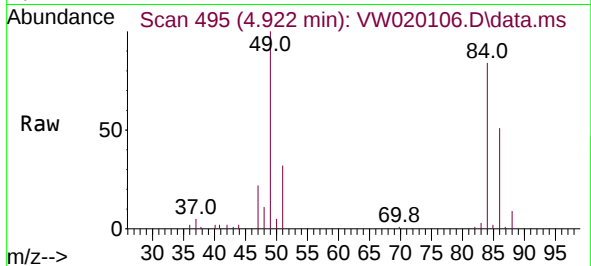




#16
Methylene chloride
Concen: 6.819 ug/L
RT: 4.922 min Scan# 495
Delta R.T. -0.006 min
Lab File: VW020106.D
Acq: 21 Sep 2021 21:03

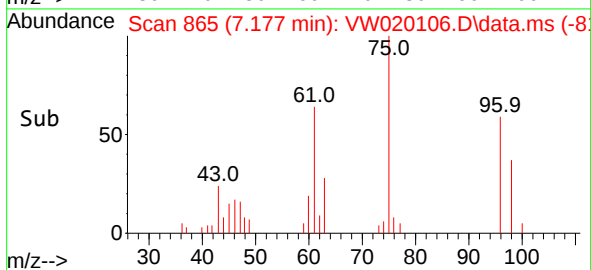
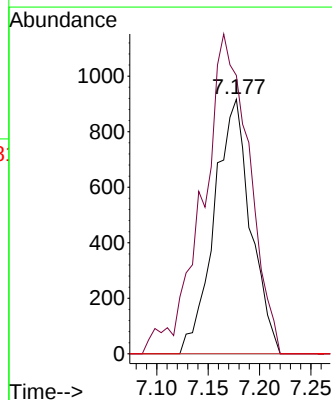
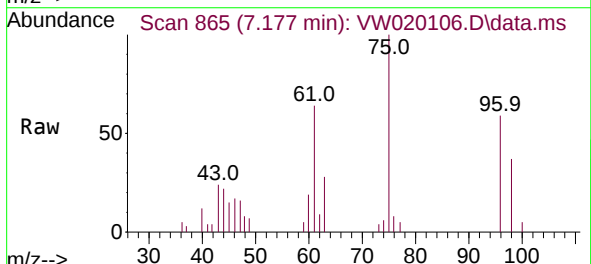
Instrument :
MSVOA_W
ClientSampled :

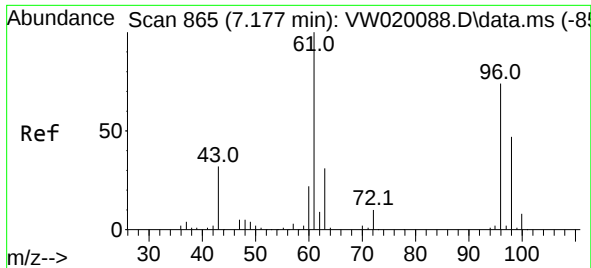
Tgt Ion: 84 Resp: 36816
Ion Ratio Lower Upper
84 100
86 61.4 42.6 79.0
49 119.7 83.4 154.8



#20
cis-1,2-Dichloroethene
Concen: 0.520 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW020106.D
Acq: 21 Sep 2021 21:03

Tgt Ion: 96 Resp: 2261
Ion Ratio Lower Upper
96 100
61 109.4 89.9 167.0
68 0.0 0.0 0.0

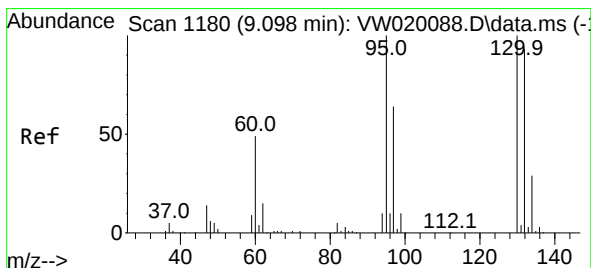
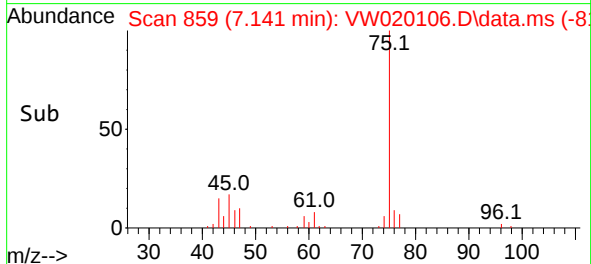
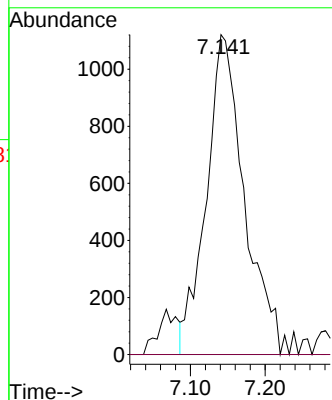
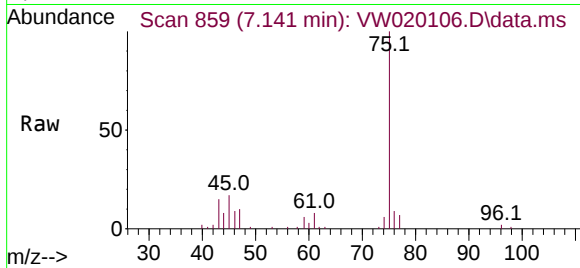




#22
2-Butanone
Concen: 3.671 ug/L
RT: 7.141 min Scan# 859
Delta R.T. -0.037 min
Lab File: VW020106.D
Acq: 21 Sep 2021 21:03

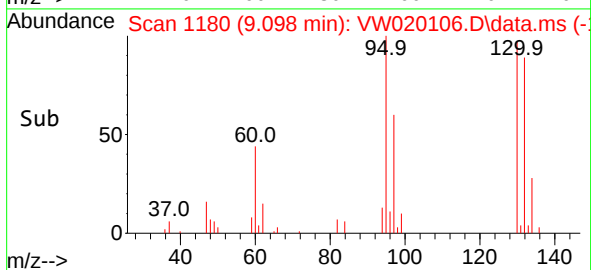
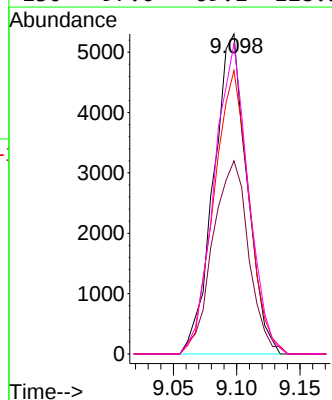
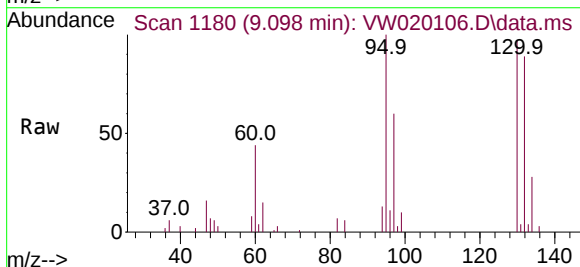
Instrument :
MSVOA_W
ClientSampled :

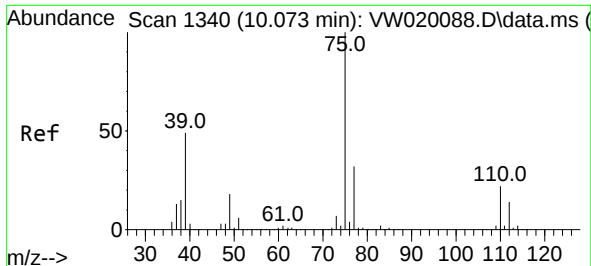
Tgt Ion: 43 Resp: 3940
Ion Ratio Lower Upper
43 100
72 0.0 14.1 42.2#



#34
Trichloroethene
Concen: 2.354 ug/L
RT: 9.098 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VW020106.D
Acq: 21 Sep 2021 21:03

Tgt Ion: 95 Resp: 9723
Ion Ratio Lower Upper
95 100
97 60.3 45.1 83.7
132 88.6 67.9 126.1
130 97.0 69.1 128.3

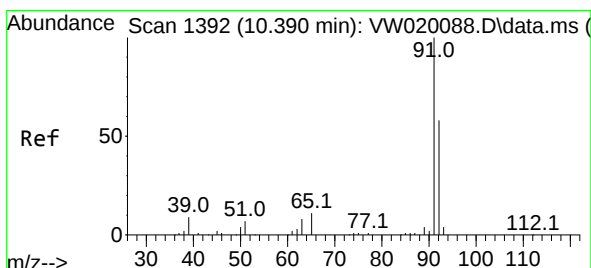
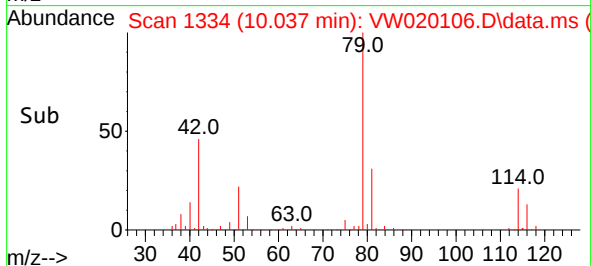
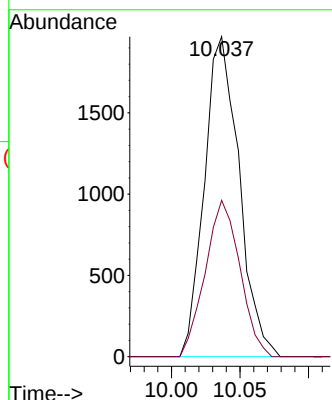
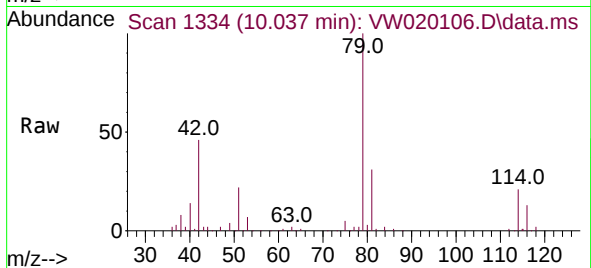




#39
 cis-1,3-Dichloropropene
 Concen: 0.616 ug/L
 RT: 10.037 min Scan# 1334
 Delta R.T. -0.037 min
 Lab File: VW020106.D
 Acq: 21 Sep 2021 21:03

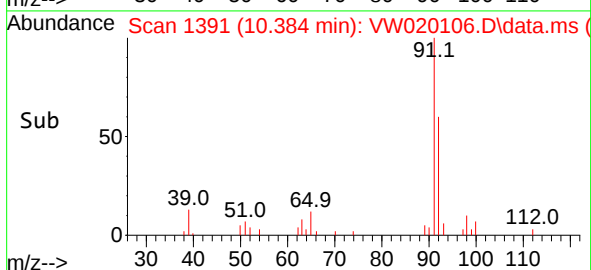
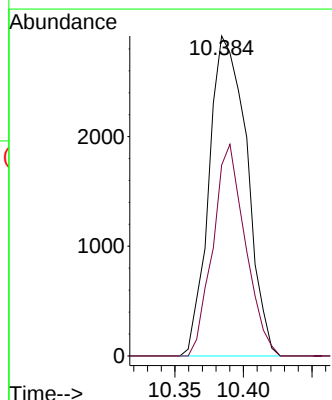
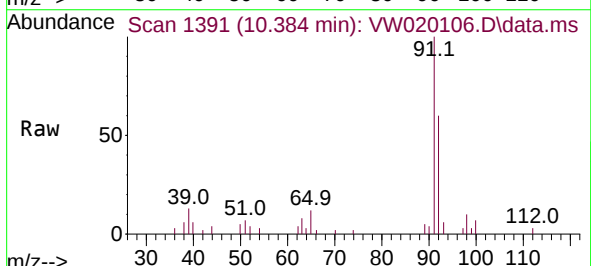
Instrument :
 MSVOA_W
 ClientSampled :

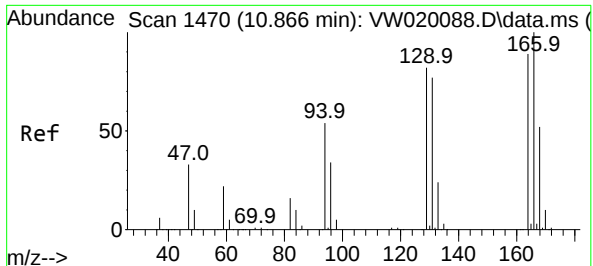
Tgt Ion: 75 Resp: 3469
 Ion Ratio Lower Upper
 75 100
 77 48.9 23.0 42.6#



#42
 Toluene
 Concen: 0.341 ug/L
 RT: 10.384 min Scan# 1391
 Delta R.T. -0.006 min
 Lab File: VW020106.D
 Acq: 21 Sep 2021 21:03

Tgt Ion: 91 Resp: 5588
 Ion Ratio Lower Upper
 91 100
 92 59.6 42.2 78.4





#46
Tetrachloroethene
Concen: 0.353 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VW020106.D
Acq: 21 Sep 2021 21:03

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:164 Resp: 1128

Ion	Ratio	Lower	Upper
164	100		
129	101.1	69.5	129.1
131	82.8	66.5	123.5
166	153.4	89.1	165.5

