

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092121\
 Data File : VW020102.D
 Acq On : 21 Sep 2021 19:28
 Operator : SY/VA
 Sample : M3813-14
 Misc : 4.52g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 22 05:10:45 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)

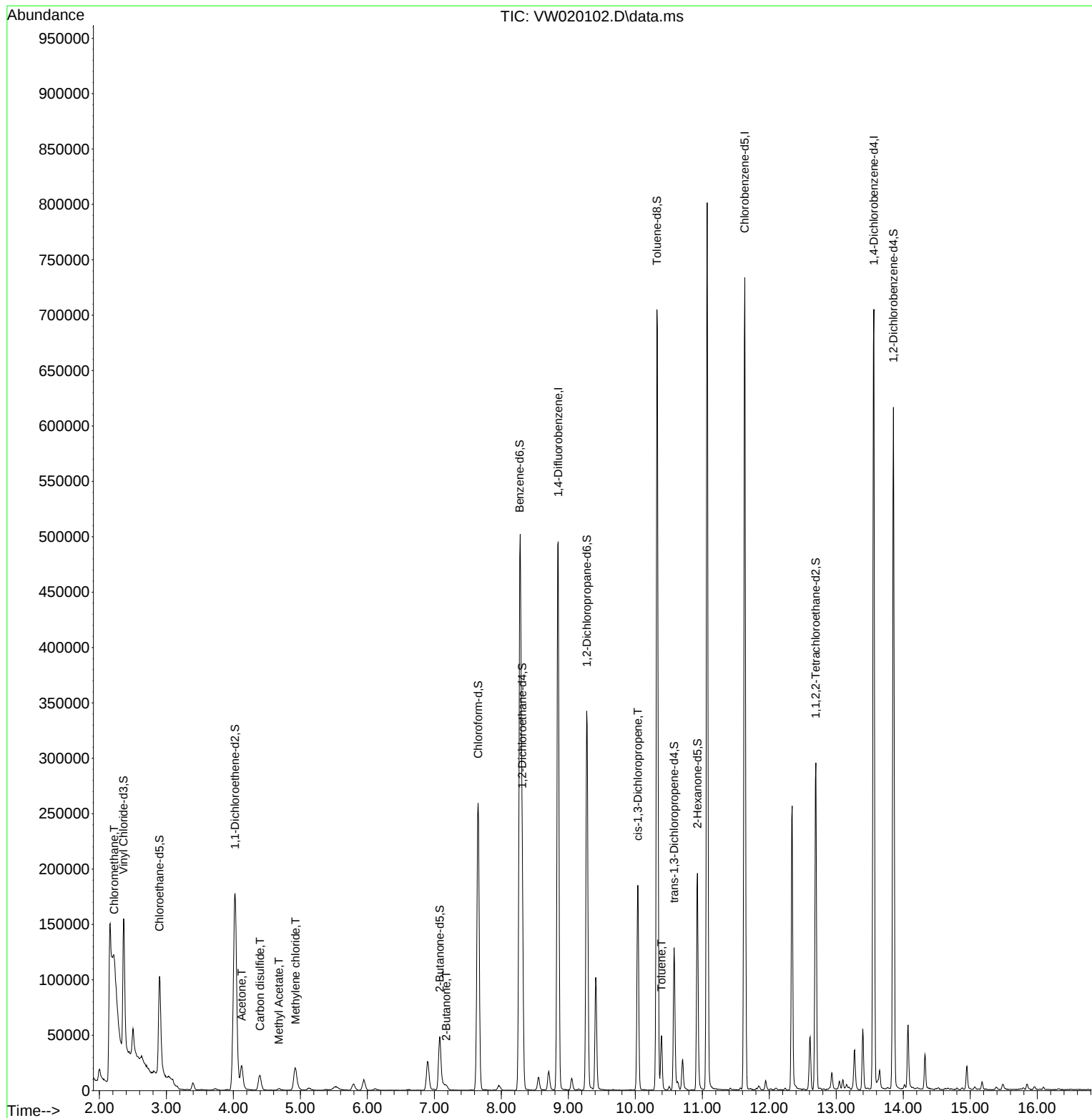
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	404892	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	387817	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	181825	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	147752	17.837	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	71.360%	
7) Chloroethane-d5	2.898	69	124668	19.979	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	79.920%	
11) 1,1-Dichloroethene-d2	4.026	63	189561	14.616	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	=	58.480%	
21) 2-Butanone-d5	7.080	46	78780	61.633	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	123.260%	
24) Chloroform-d	7.653	84	260039	20.422	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	=	81.680%	
26) 1,2-Dichloroethane-d4	8.311	65	161561	23.574	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	=	94.280%	
32) Benzene-d6	8.275	84	503644	20.356	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	=	81.440%	
36) 1,2-Dichloropropane-d6	9.275	67	153628	21.455	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	=	85.800%	
41) Toluene-d8	10.323	98	454080	20.170	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	=	80.680%	
43) trans-1,3-Dichloroprop...	10.579	79	69548	22.724	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	=	90.880%	
47) 2-Hexanone-d5	10.927	63	62027	62.595	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	125.200%	
56) 1,1,2,2-Tetrachloroeth...	12.695	84	144014	26.074	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	=	104.280%	
66) 1,2-Dichlorobenzene-d4	13.853	152	149112	21.871	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	=	87.480%	
Target Compounds						Qvalue
3) Chloromethane	2.221	50	1785	0.364	ug/L #	51
13) Acetone	4.123	43	35582	32.503	ug/L	100
14) Carbon disulfide	4.397	76	29459	1.745	ug/L	95
15) Methyl Acetate	4.678	43	3121	1.491	ug/L #	59
16) Methylene chloride	4.928	84	16646	2.330	ug/L	96
22) 2-Butanone	7.177	43	6310	4.443	ug/L	96
39) cis-1,3-Dichloropropene	10.037	75	5160	0.603	ug/L #	66
42) Toluene	10.390	91	34518	1.388	ug/L	88

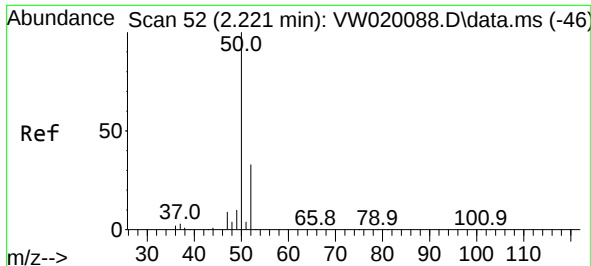
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 22 05:10:45 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

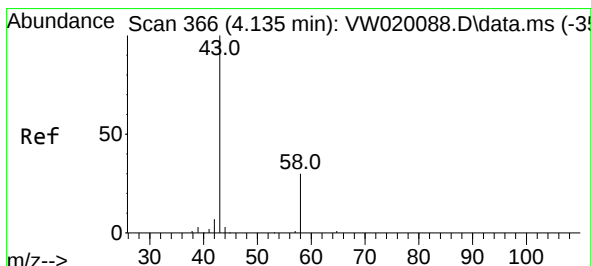
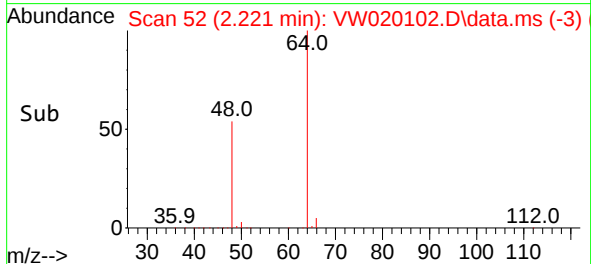
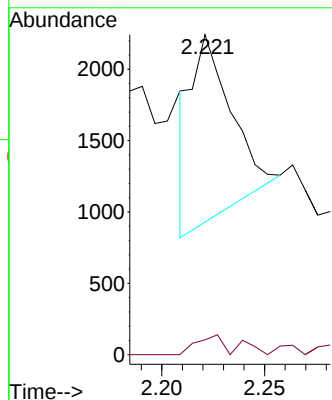
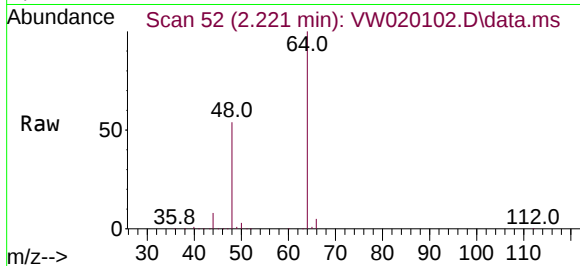




#3
Chloromethane
Concen: 0.364 ug/L
RT: 2.221 min Scan# 52
Delta R.T. 0.000 min
Lab File: VW020102.D
Acq: 21 Sep 2021 19:28

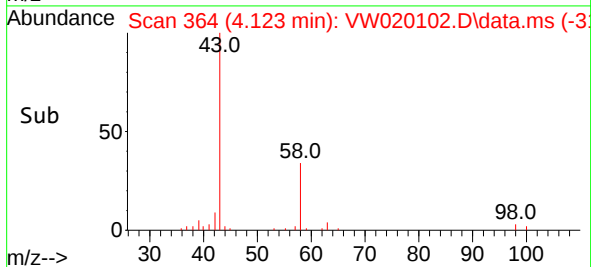
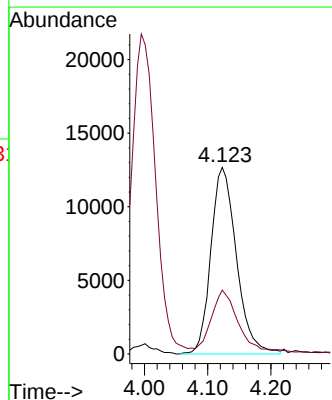
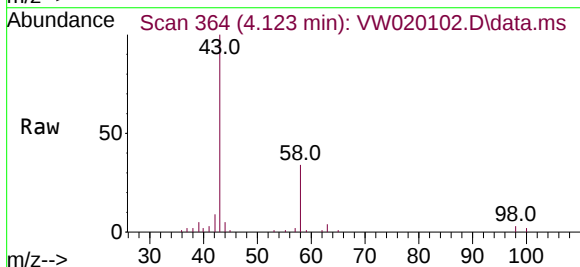
Instrument :
MSVOA_W
ClientSampled :

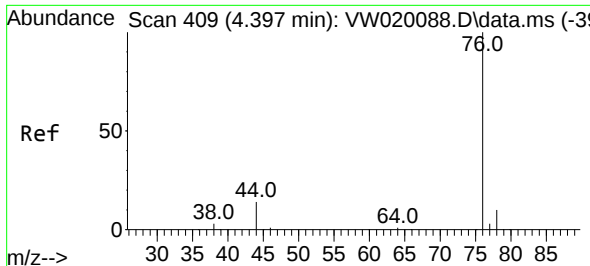
Tgt Ion: 50 Resp: 1785
Ion Ratio Lower Upper
50 100
52 4.6 22.5 41.9#



#13
Acetone
Concen: 32.503 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.012 min
Lab File: VW020102.D
Acq: 21 Sep 2021 19:28

Tgt Ion: 43 Resp: 35582
Ion Ratio Lower Upper
43 100
58 30.7 0.0 61.6

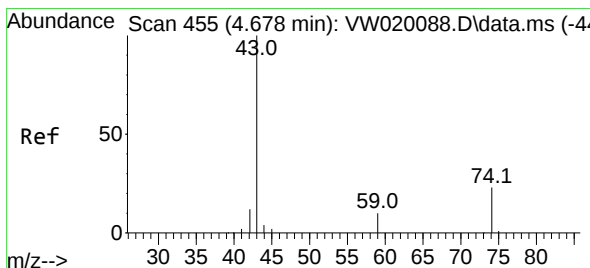
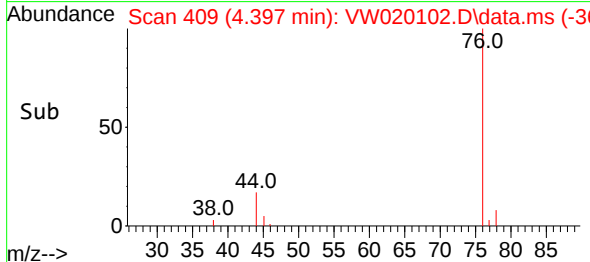
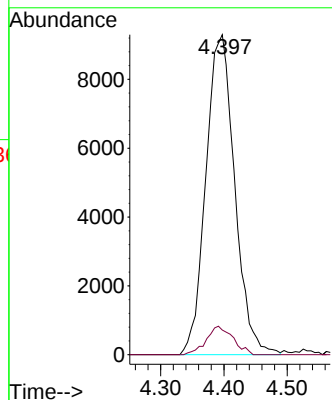
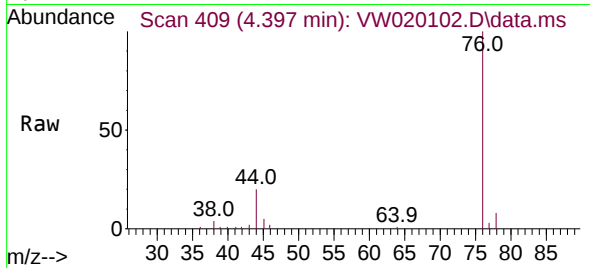




#14
Carbon disulfide
Concen: 1.745 ug/L
RT: 4.397 min Scan# 409
Delta R.T. 0.000 min
Lab File: VW020102.D
Acq: 21 Sep 2021 19:28

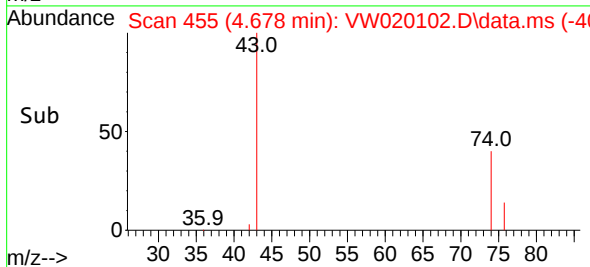
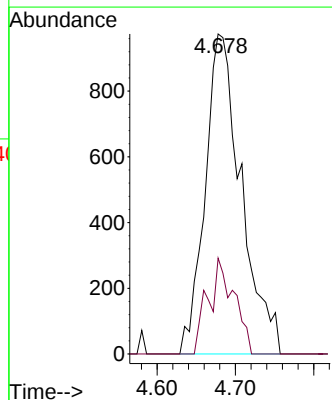
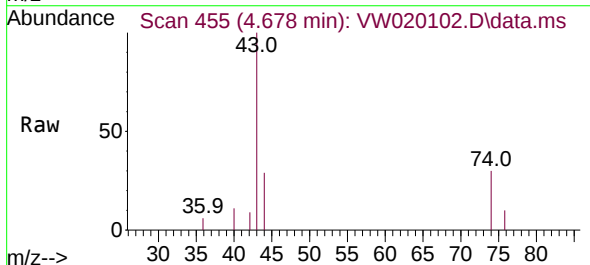
Instrument :
MSVOA_W
ClientSampled :

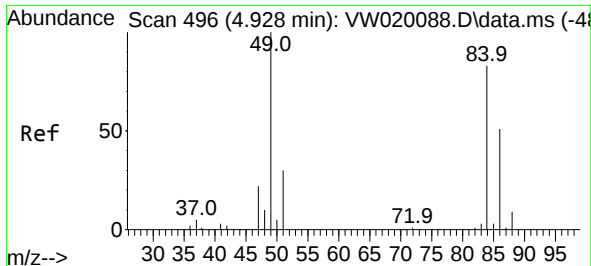
Tgt Ion: 76 Resp: 29459
Ion Ratio Lower Upper
76 100
78 7.7 7.5 11.3



#15
Methyl Acetate
Concen: 1.491 ug/L
RT: 4.678 min Scan# 455
Delta R.T. 0.000 min
Lab File: VW020102.D
Acq: 21 Sep 2021 19:28

Tgt Ion: 43 Resp: 3121
Ion Ratio Lower Upper
43 100
74 4.3 20.0 30.0#

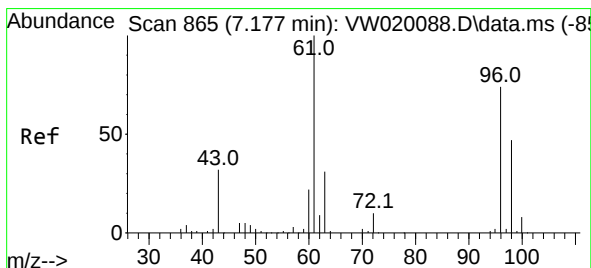
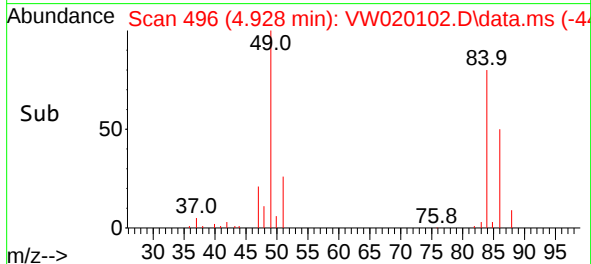
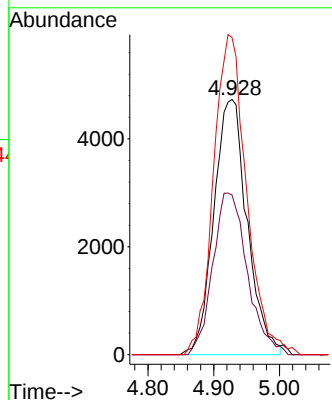
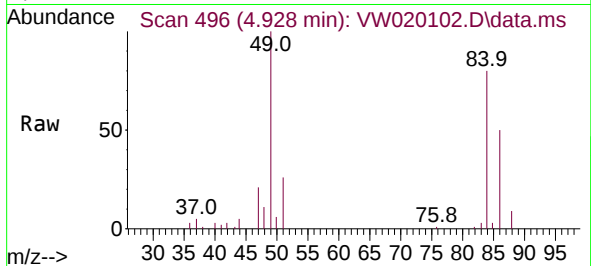




#16
Methylene chloride
Concen: 2.330 ug/L
RT: 4.928 min Scan# 496
Delta R.T. 0.000 min
Lab File: VW020102.D
Acq: 21 Sep 2021 19:28

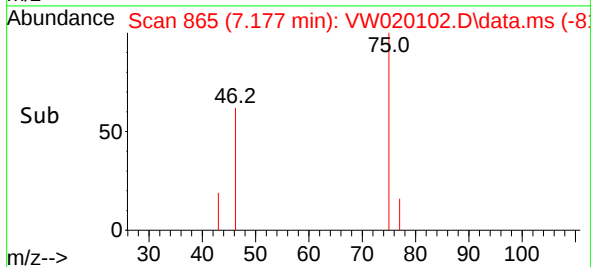
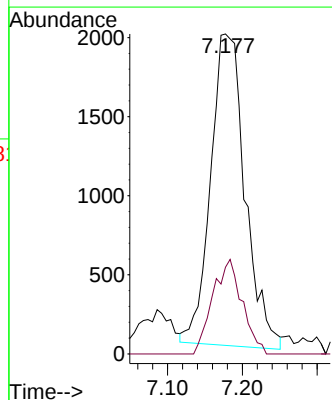
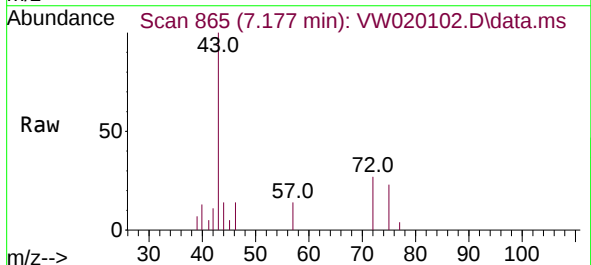
Instrument :
MSVOA_W
ClientSampled :

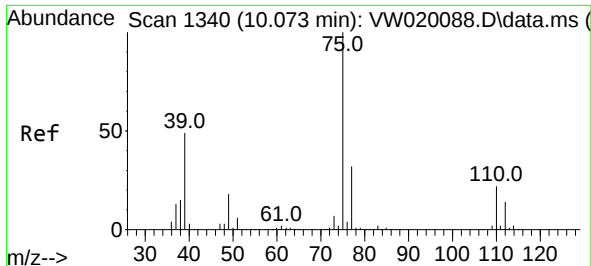
Tgt Ion: 84 Resp: 16646
Ion Ratio Lower Upper
84 100
86 62.6 42.6 79.0
49 124.3 83.4 154.8



#22
2-Butanone
Concen: 4.443 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.000 min
Lab File: VW020102.D
Acq: 21 Sep 2021 19:28

Tgt Ion: 43 Resp: 6310
Ion Ratio Lower Upper
43 100
72 26.0 14.1 42.2

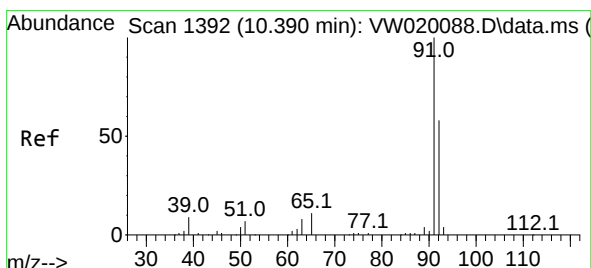
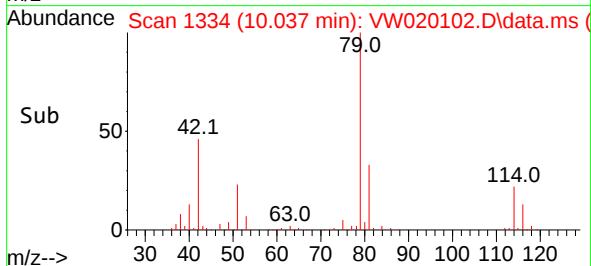
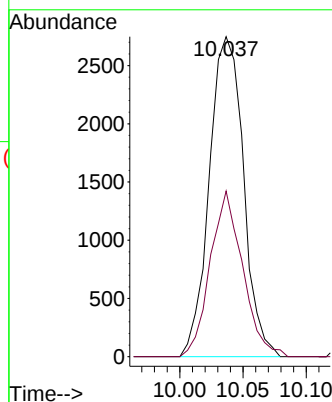
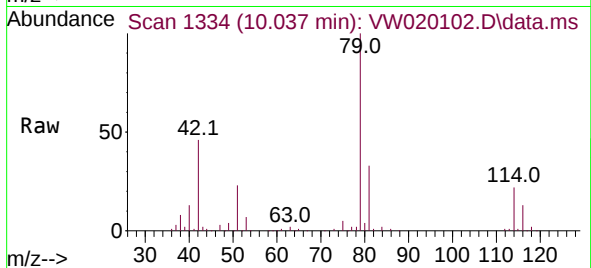




#39
 cis-1,3-Dichloropropene
 Concen: 0.603 ug/L
 RT: 10.037 min Scan# 1334
 Delta R.T. -0.036 min
 Lab File: VW020102.D
 Acq: 21 Sep 2021 19:28

Instrument :
 MSVOA_W
 ClientSampled :

Tgt Ion: 75 Resp: 5160
 Ion Ratio Lower Upper
 75 100
 77 51.7 23.0 42.6#



#42
 Toluene
 Concen: 1.388 ug/L
 RT: 10.390 min Scan# 1392
 Delta R.T. 0.000 min
 Lab File: VW020102.D
 Acq: 21 Sep 2021 19:28

Tgt Ion: 91 Resp: 34518
 Ion Ratio Lower Upper
 91 100
 92 51.0 42.2 78.4

