

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071322\
 Data File : VW023654.D
 Acq On : 13 Jul 2022 18:04
 Operator : SY/VA
 Sample : N3678-19
 Misc : 6.25g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F5B40

Quant Time: Jul 14 02:14:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jul 14 02:04:07 2022
 Response via : Initial Calibration

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

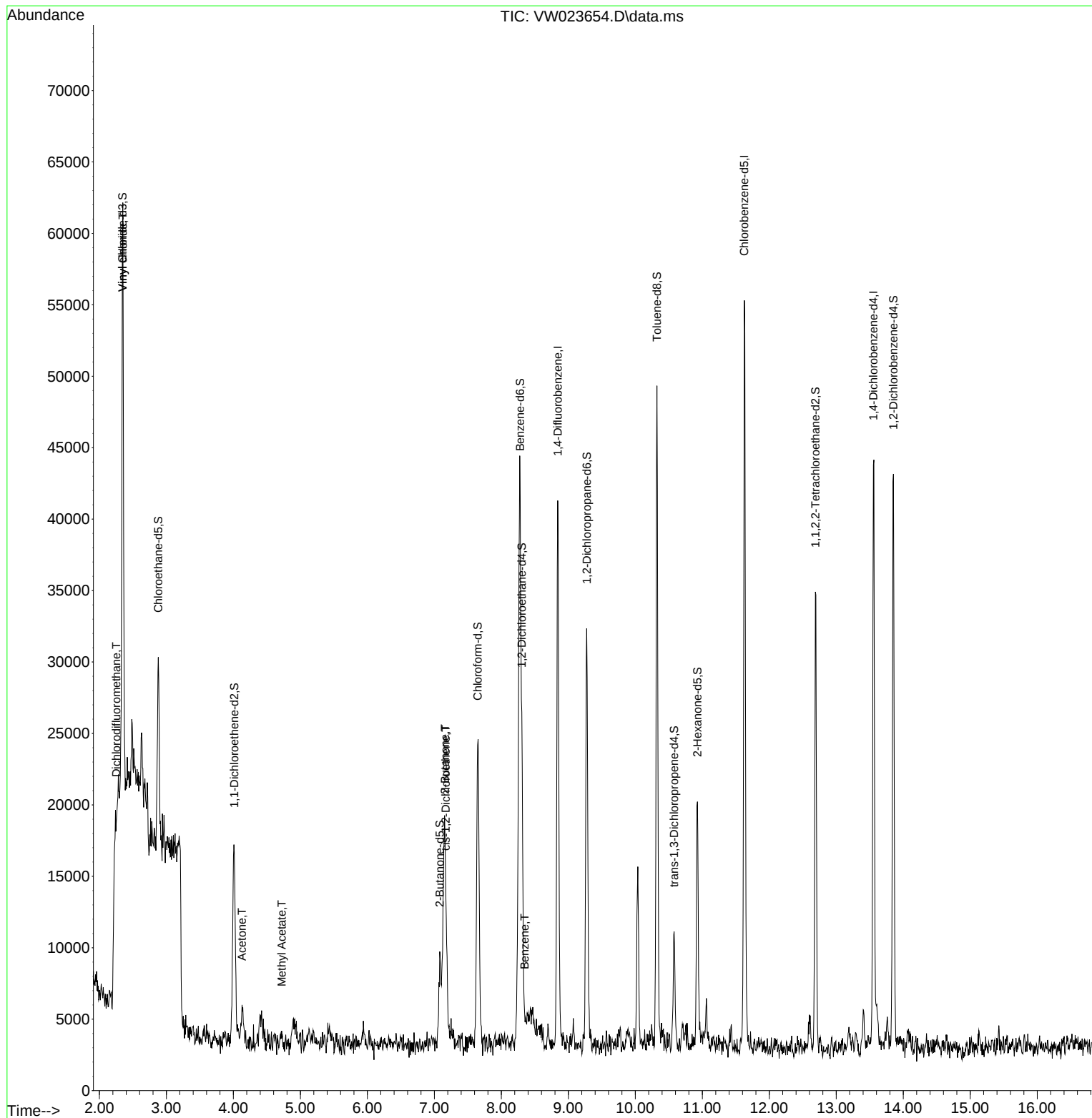
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	28842	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	25847	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	9714	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	19112	25.945	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 103.760%	
7) Chloroethane-d5	2.879	69	14263	29.023	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 116.080%	
11) 1,1-Dichloroethene-d2	4.013	63	12602	21.009	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 84.040%	
21) 2-Butanone-d5	7.080	46	10082	88.236	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 176.480##	
24) Chloroform-d	7.647	84	20135	23.978	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 95.920%	
26) 1,2-Dichloroethane-d4	8.305	65	13700	26.675	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 106.720%	
32) Benzene-d6	8.281	84	34452	25.641	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 102.560%	
36) 1,2-Dichloropropane-d6	9.275	67	12455	30.774	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 123.080##	
41) Toluene-d8	10.323	98	28542	20.943	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 83.760%	
43) trans-1,3-Dichloroprop...	10.579	79	4276	22.540	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 90.160%	
47) 2-Hexanone-d5	10.927	63	5081	59.703	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 119.400%	
56) 1,1,2,2-Tetrachloroeth...	12.689	84	14728	32.929	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 131.720##	
66) 1,2-Dichlorobenzene-d4	13.853	152	9004	25.965	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 103.880%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.251	85	275	1.403	ug/L	89
5) Vinyl chloride	2.349	62	24466	29.684	ug/L	93
13) Acetone	4.129	43	3459	42.818	ug/L	99
15) Methyl Acetate	4.721	43	225	1.244	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	1952	4.750	ug/L #	87
22) 2-Butanone	7.159	43	545	4.105	ug/L	80
33) Benzene	8.348	78	855	0.582	ug/L	100

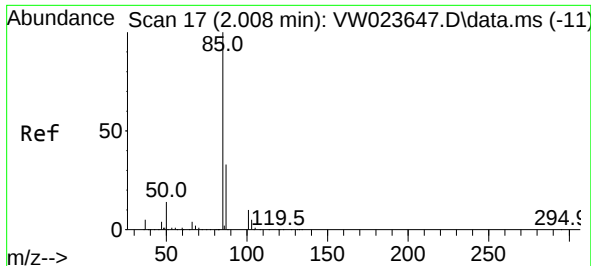
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Thu Jul 14 02:04:07 2022
Response via : Initial Calibration

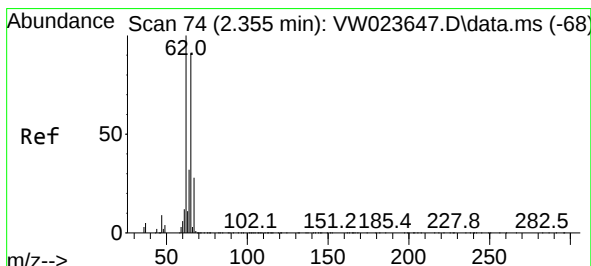
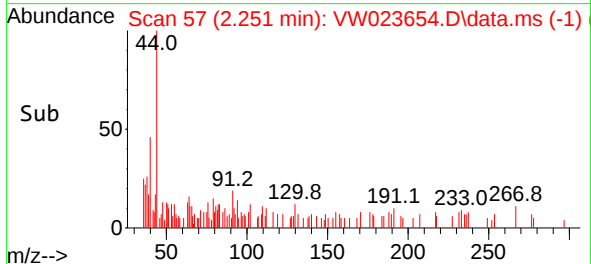
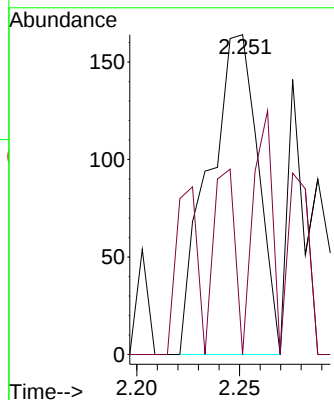
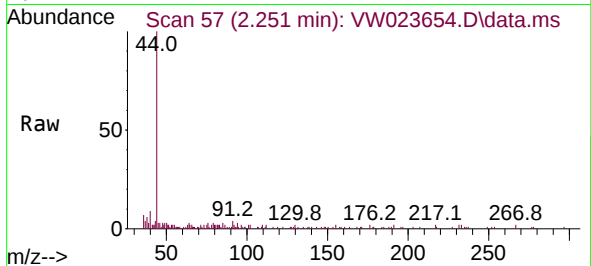




#2
Dichlorodifluoromethane
Concen: 1.403 ug/L
RT: 2.251 min Scan# 51
Delta R.T. 0.244 min
Lab File: VW023654.D
Acq: 13 Jul 2022 18:04

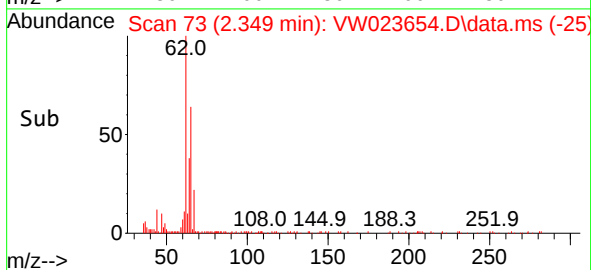
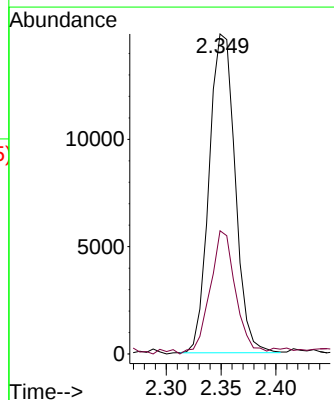
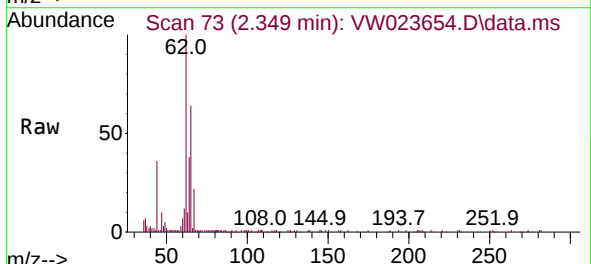
Instrument :
MSVOA_W
ClientSampleId :
F5B40

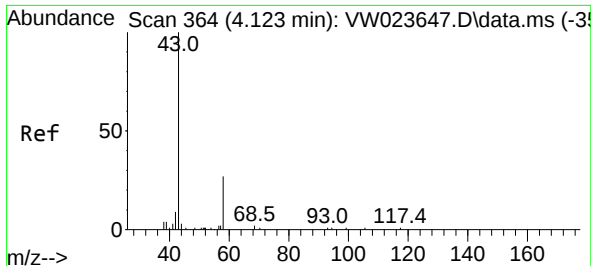
Tgt Ion: 85 Resp: 275
Ion Ratio Lower Upper
85 100
87 24.7 24.7 37.1



#5
Vinyl chloride
Concen: 29.684 ug/L
RT: 2.349 min Scan# 73
Delta R.T. -0.006 min
Lab File: VW023654.D
Acq: 13 Jul 2022 18:04

Tgt Ion: 62 Resp: 24466
Ion Ratio Lower Upper
62 100
64 38.5 24.0 44.6

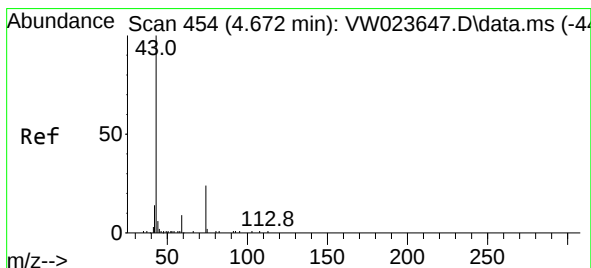
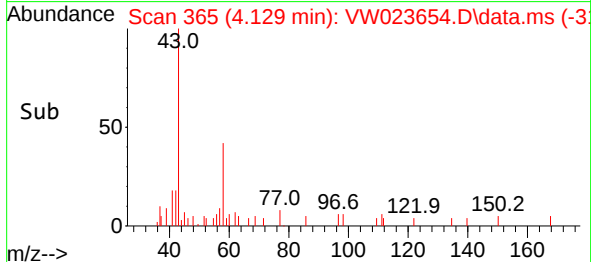
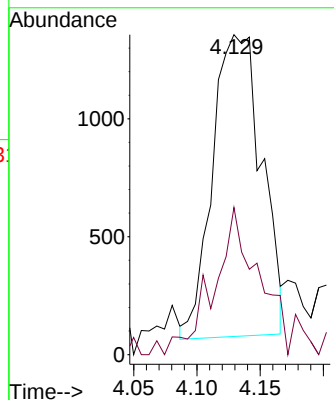
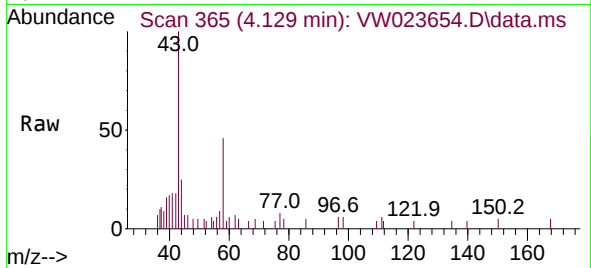




#13
Acetone
Concen: 42.818 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.006 min
Lab File: VW023654.D
Acq: 13 Jul 2022 18:04

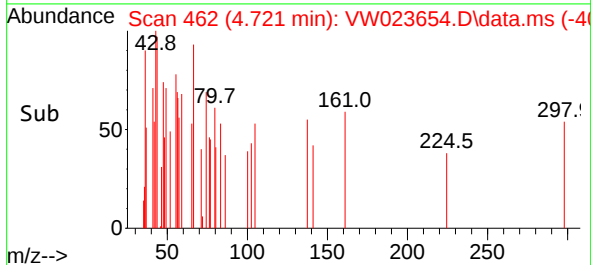
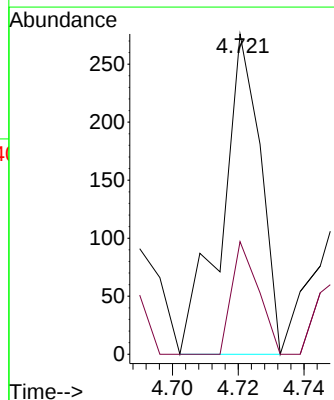
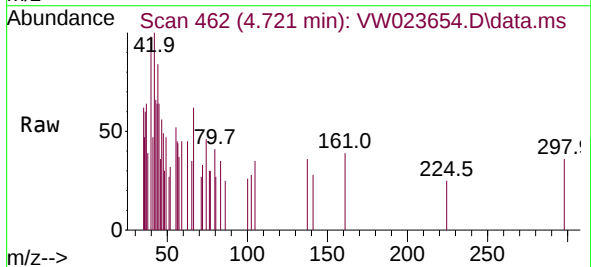
Instrument :
MSVOA_W
ClientSampleId :
F5B40

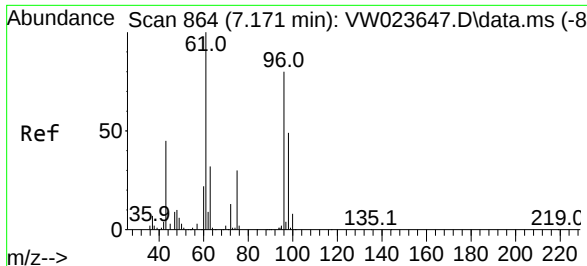
Tgt Ion: 43 Resp: 3459
Ion Ratio Lower Upper
43 100
58 32.4 0.0 64.2



#15
Methyl Acetate
Concen: 1.244 ug/L
RT: 4.721 min Scan# 462
Delta R.T. 0.049 min
Lab File: VW023654.D
Acq: 13 Jul 2022 18:04

Tgt Ion: 43 Resp: 225
Ion Ratio Lower Upper
43 100
74 24.4 20.0 30.0

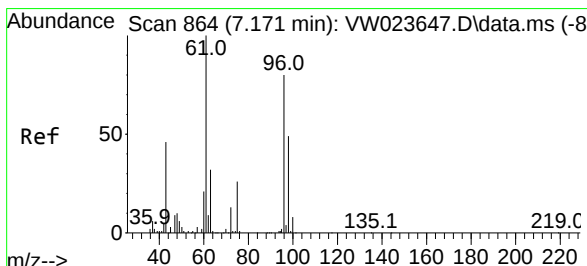
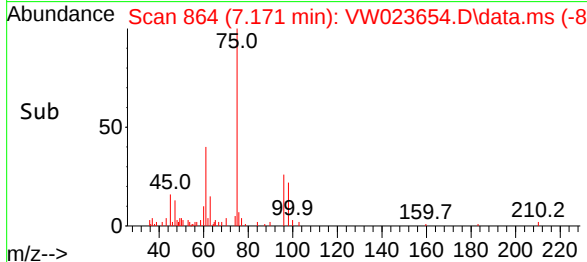
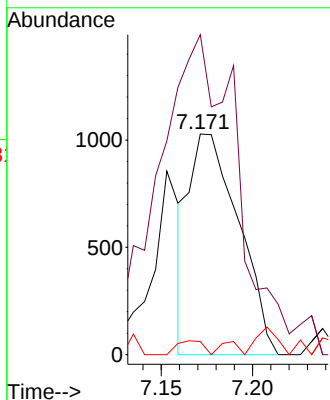
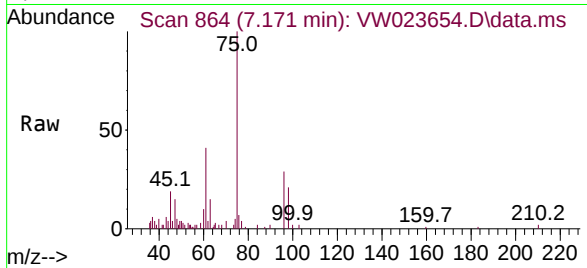




#20
 cis-1,2-Dichloroethene
 Concen: 4.750 ug/L
 RT: 7.171 min Scan# 864
 Delta R.T. 0.000 min
 Lab File: VW023654.D
 Acq: 13 Jul 2022 18:04

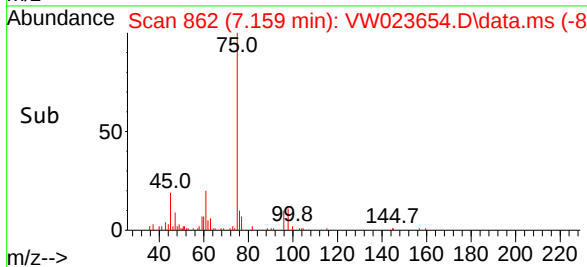
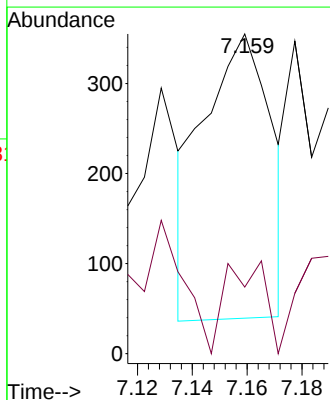
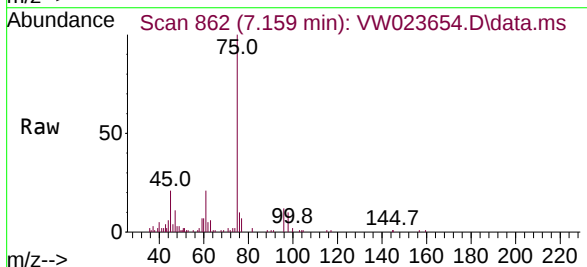
Instrument :
 MSVOA_W
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 F5B40

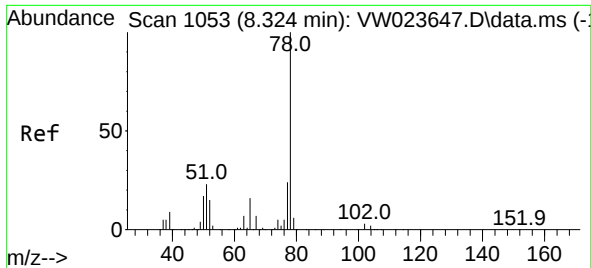
Tgt Ion: 96 Resp: 1952
 Ion Ratio Lower Upper
 96 100
 61 145.0 90.6 168.2
 68 5.9 0.2 0.4#



#22
 2-Butanone
 Concen: 4.105 ug/L
 RT: 7.159 min Scan# 862
 Delta R.T. -0.012 min
 Lab File: VW023654.D
 Acq: 13 Jul 2022 18:04

Tgt Ion: 43 Resp: 545
 Ion Ratio Lower Upper
 43 100
 72 18.5 14.7 44.1





#33
Benzene
Concen: 0.582 ug/L
RT: 8.348 min Scan# 1057
Delta R.T. 0.024 min
Lab File: VW023654.D
Acq: 13 Jul 2022 18:04

Instrument :
MSVOA_W
ClientSampleId :
F5B40

Tgt Ion: 78 Resp: 855

