

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071322\
 Data File : VW023665.D
 Acq On : 13 Jul 2022 22:35
 Operator : SY/VA
 Sample : N3679-01
 Misc : 6.37g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F5B41

Quant Time: Jul 14 02:16:48 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)

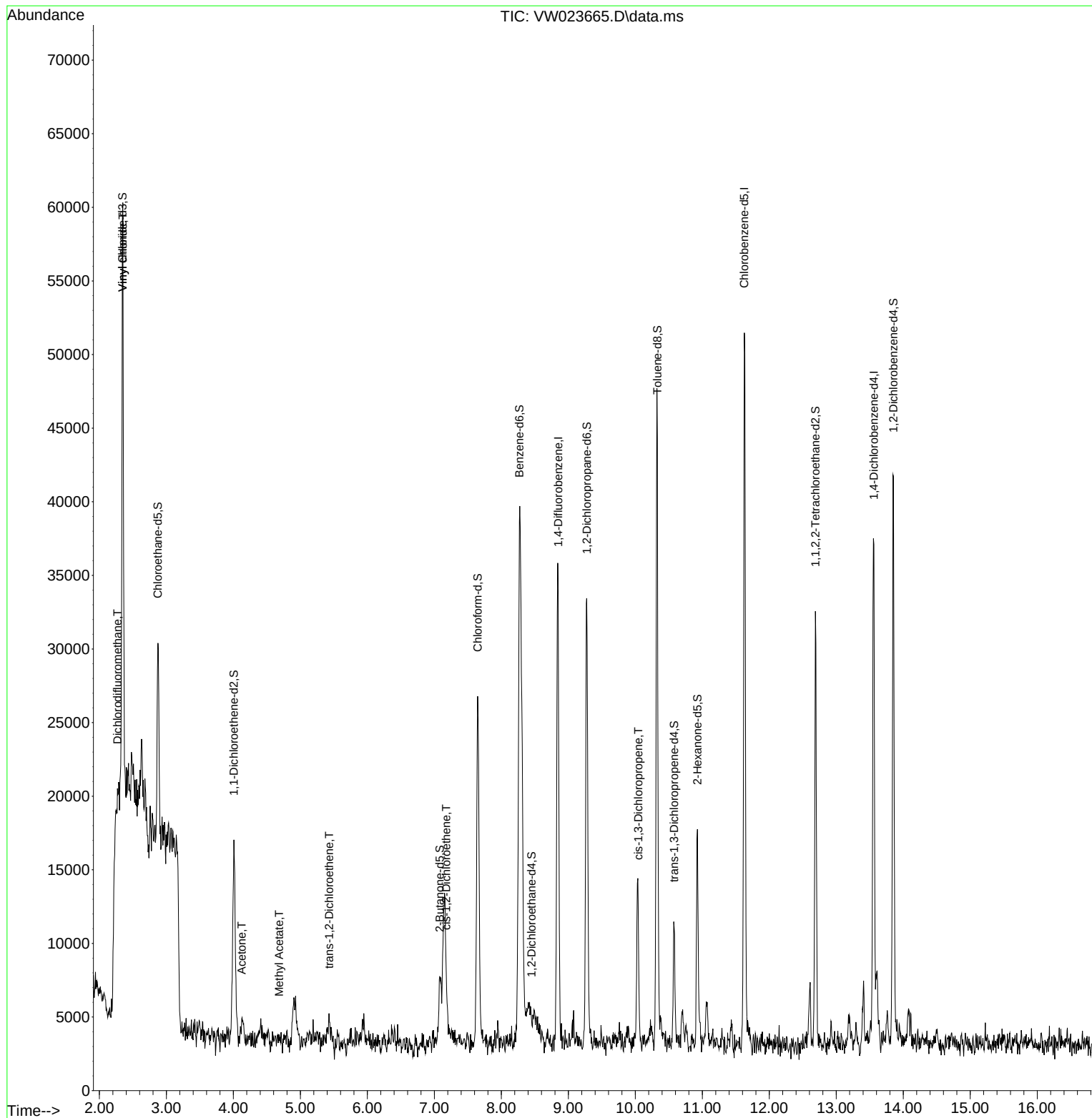
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	24768	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	24460	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	8242	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	17968	28.404	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 113.600%	
7) Chloroethane-d5	2.873	69	14902	35.311	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 141.240%	
11) 1,1-Dichloroethene-d2	4.007	63	11272	21.882	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	= 87.520%	
21) 2-Butanone-d5	7.080	46	7324	74.642	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 149.280%#	
24) Chloroform-d	7.647	84	23221	32.202	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 128.800%	
26) 1,2-Dichloroethane-d4	8.451	65	226	0.512	ug/L	0.15
Spiked Amount	25.000	Range	70 - 130	Recovery	= 2.040%#	
32) Benzene-d6	8.269	84	33937	26.690	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 106.760%	
36) 1,2-Dichloropropane-d6	9.274	67	12719	33.209	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 132.840%#	
41) Toluene-d8	10.329	98	26935	20.884	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 83.520%	
43) trans-1,3-Dichloroprop...	10.579	79	4061	22.620	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 90.480%	
47) 2-Hexanone-d5	10.927	63	4073	50.573	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 101.140%	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	13069	30.877	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 123.520%#	
66) 1,2-Dichlorobenzene-d4	13.853	152	8355	28.397	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 113.600%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.270	85	232	1.378	ug/L	99
5) Vinyl chloride	2.349	62	21152	29.885	ug/L	96
13) Acetone	4.123	43	1360	19.604	ug/L	88
15) Methyl Acetate	4.684	43	303	1.952	ug/L	96
17) trans-1,2-Dichloroethene	5.428	96	361	1.133	ug/L	88
20) cis-1,2-Dichloroethene	7.177	96	430	1.218	ug/L #	81
39) cis-1,3-Dichloropropene	10.043	75	256	0.487	ug/L	90

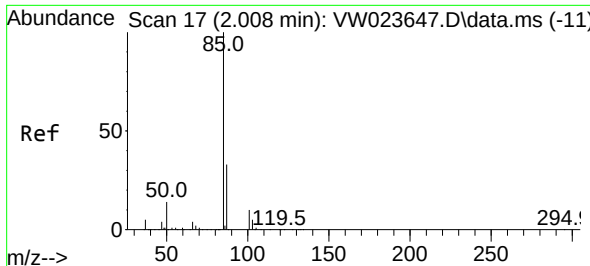
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

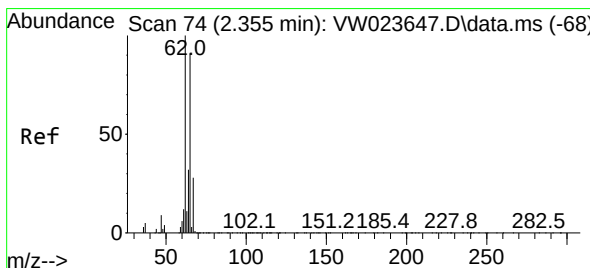
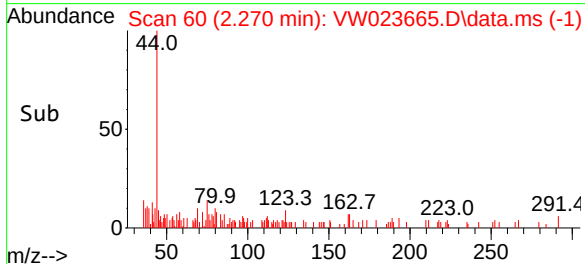
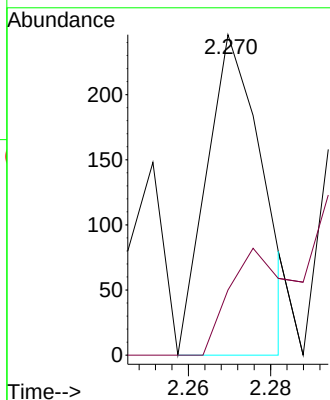
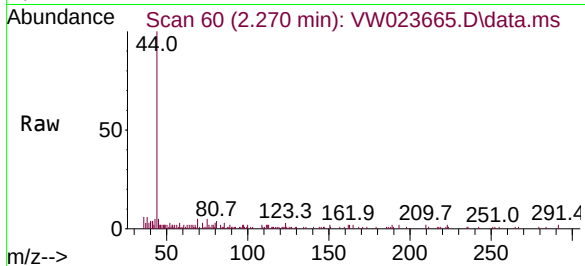




#2
Dichlorodifluoromethane
Concen: 1.378 ug/L
RT: 2.270 min Scan# 60
Delta R.T. 0.262 min
Lab File: VW023665.D
Acq: 13 Jul 2022 22:35

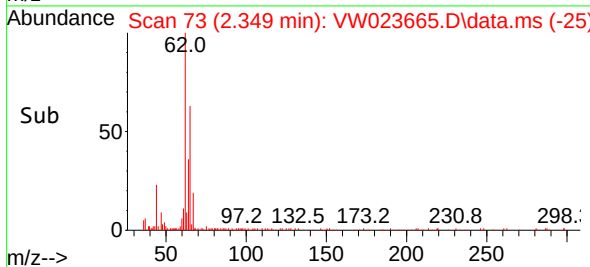
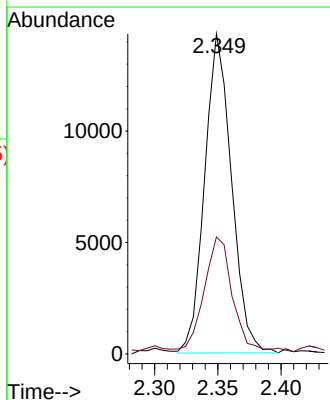
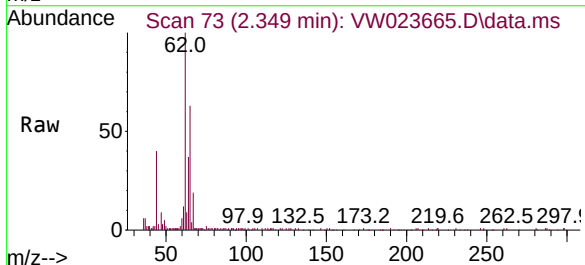
Instrument :
MSVOA_W
ClientSampleId :
F5B41

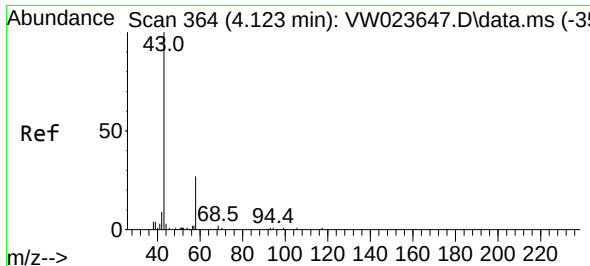
Tgt Ion: 85 Resp: 232
Ion Ratio Lower Upper
85 100
87 30.2 24.7 37.1



#5
Vinyl chloride
Concen: 29.885 ug/L
RT: 2.349 min Scan# 73
Delta R.T. -0.006 min
Lab File: VW023665.D
Acq: 13 Jul 2022 22:35

Tgt Ion: 62 Resp: 21152
Ion Ratio Lower Upper
62 100
64 36.5 24.0 44.6

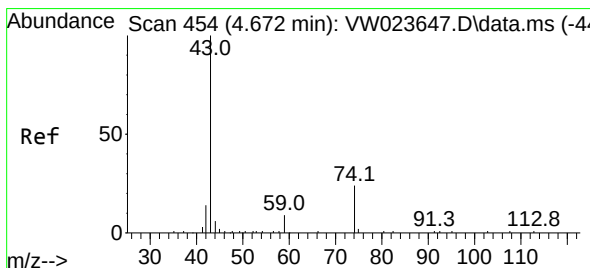
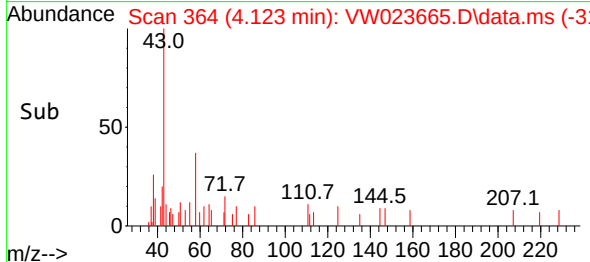
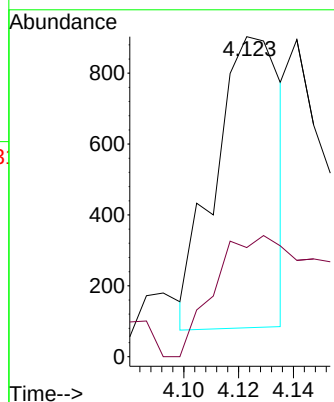
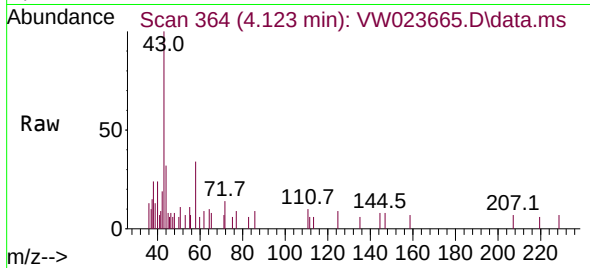




#13
Acetone
Concen: 19.604 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.000 min
Lab File: VW023665.D
Acq: 13 Jul 2022 22:35

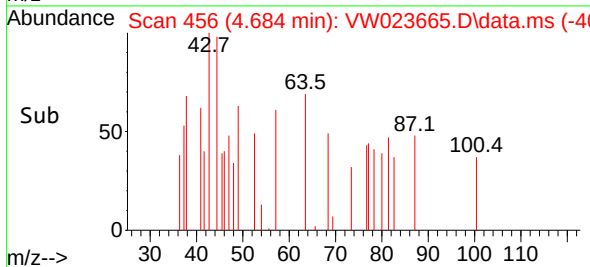
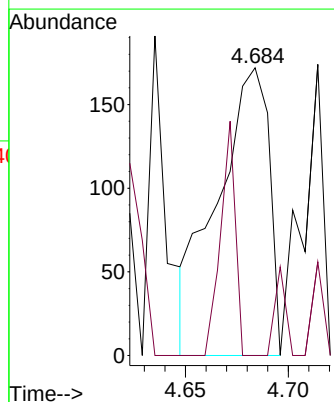
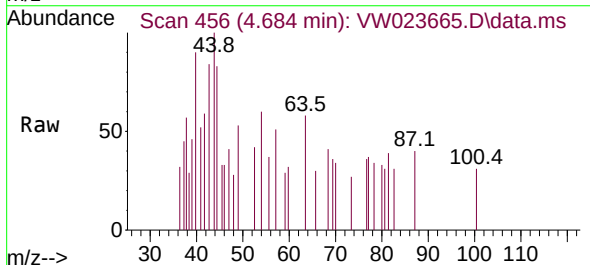
Instrument :
MSVOA_W
ClientSampleId :
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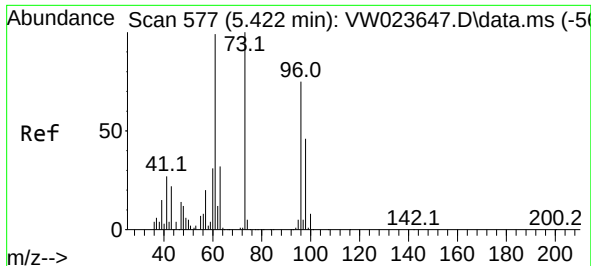
Tgt Ion: 43 Resp: 1360
Ion Ratio Lower Upper
43 100
58 25.2 0.0 64.2



#15
Methyl Acetate
Concen: 1.952 ug/L
RT: 4.684 min Scan# 456
Delta R.T. 0.012 min
Lab File: VW023665.D
Acq: 13 Jul 2022 22:35

Tgt Ion: 43 Resp: 303
Ion Ratio Lower Upper
43 100
74 23.1 20.0 30.0

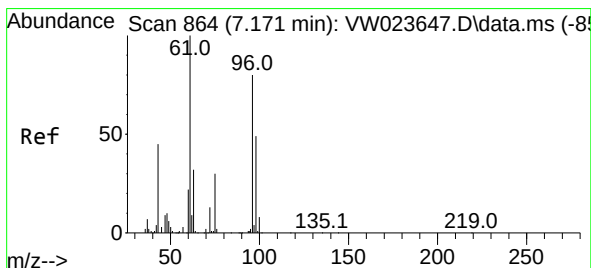
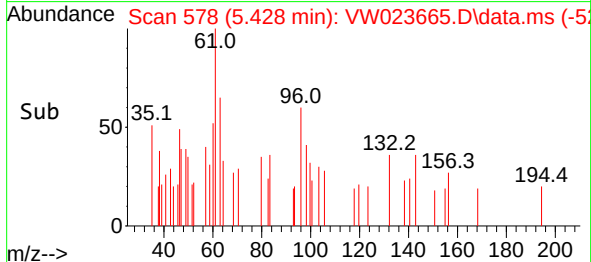
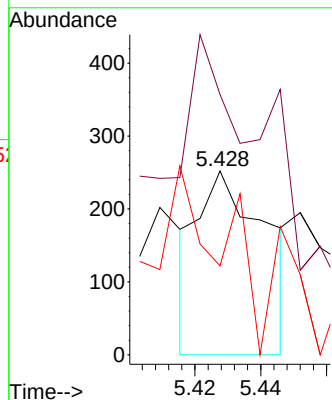
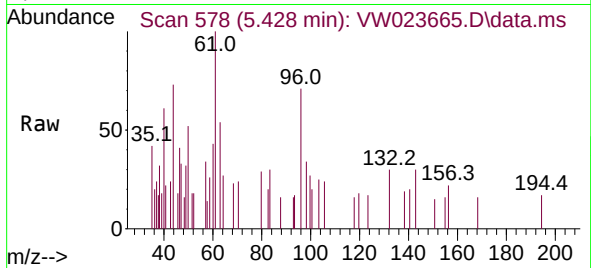




#17
trans-1,2-Dichloroethene
Concen: 1.133 ug/L
RT: 5.428 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW023665.D
Acq: 13 Jul 2022 22:35

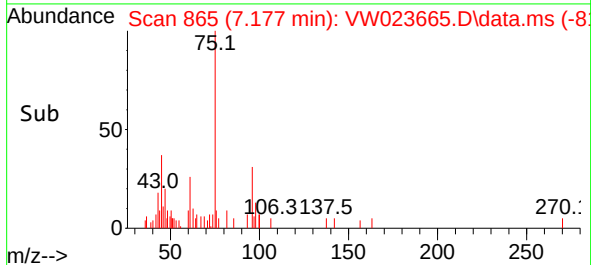
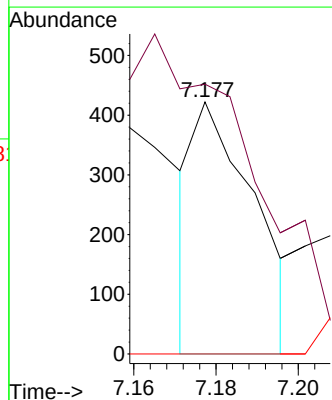
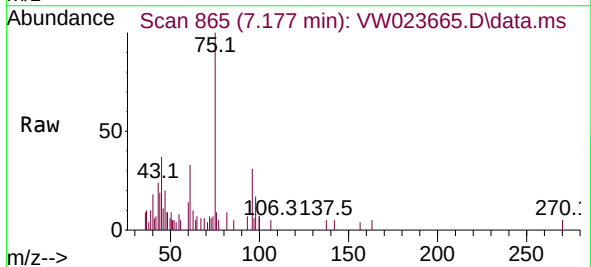
Instrument :
MSVOA_W
ClientSampleId :
F5B41

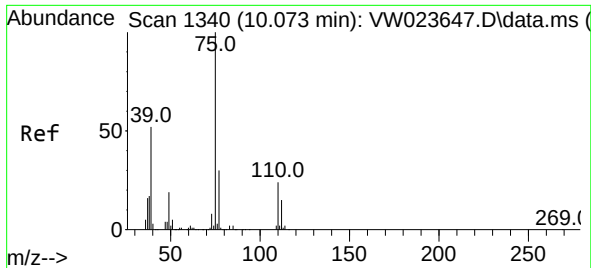
Tgt Ion: 96 Resp: 361
Ion Ratio Lower Upper
96 100
61 141.7 90.8 168.6
98 48.4 42.8 79.6



#20
cis-1,2-Dichloroethene
Concen: 1.218 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW023665.D
Acq: 13 Jul 2022 22:35

Tgt Ion: 96 Resp: 430
Ion Ratio Lower Upper
96 100
61 107.1 90.6 168.2
68 0.0 0.2 0.4





#39
 cis-1,3-Dichloropropene
 Concen: 0.487 ug/L
 RT: 10.043 min Scan# 11
 Delta R.T. -0.031 min
 Lab File: VW023665.D
 Acq: 13 Jul 2022 22:35

Instrument :
 MSVOA_W
 ClientSampleId :
 F5B41

Tgt Ion	Ratio	Lower	Upper
75	100		
77	38.0	22.5	41.9

