Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071322\
Data File : VW023685.D
Acq On : 14 Jul 2022 07:59
Operator : SY/VA
Sample : N3698-05
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F5B70

Quant Time: Jul 15 01:31:45 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Jul 14 04:56:40 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	129512	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	120776	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	51235	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	61958	18.731	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 74.920%			
7) Chloroethane-d5	2.879	69	45003	20.394	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 81.560%			
11) 1,1-Dichloroethene-d2	4.007	63	42589	15.811	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 63.240%			
21) 2-Butanone-d5	7.074	46	23266	45.346	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 90.700%			
24) Chloroform-d	7.653	84	84834	22.498	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 90.000%			
26) 1,2-Dichloroethane-d4	8.299	65	50652	21.964	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 87.840%			
32) Benzene-d6	8.275	84	158490	25.244	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 100.960%			
36) 1,2-Dichloropropane-d6	9.274	67	48293	25.536	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 102.160%			
41) Toluene-d8	10.323	98	141145	22.164	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 88.640%			
43) trans-1,3-Dichloroprop...	10.579	79	15123	17.060	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 68.240%			
47) 2-Hexanone-d5	10.920	63	15593	39.211	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 78.420%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	42485	20.328	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 81.320%			
66) 1,2-Dichlorobenzene-d4	13.853	152	45297	24.766	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 99.080%			
Target Compounds						Qvalue
5) Vinyl chloride	2.355	62	32058	8.662	ug/L	91
13) Acetone	4.129	43	3921	10.809	ug/L	68
20) cis-1,2-Dichloroethene	7.165	96	30756	16.667	ug/L #	97
25) Chloroform	7.671	83	1781	0.503	ug/L	97
33) Benzene	8.329	78	5433	0.792	ug/L	100
34) Trichloroethene	9.098	95	2267	1.251	ug/L	78
39) cis-1,3-Dichloropropene	10.043	75	1735	0.669	ug/L	95

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

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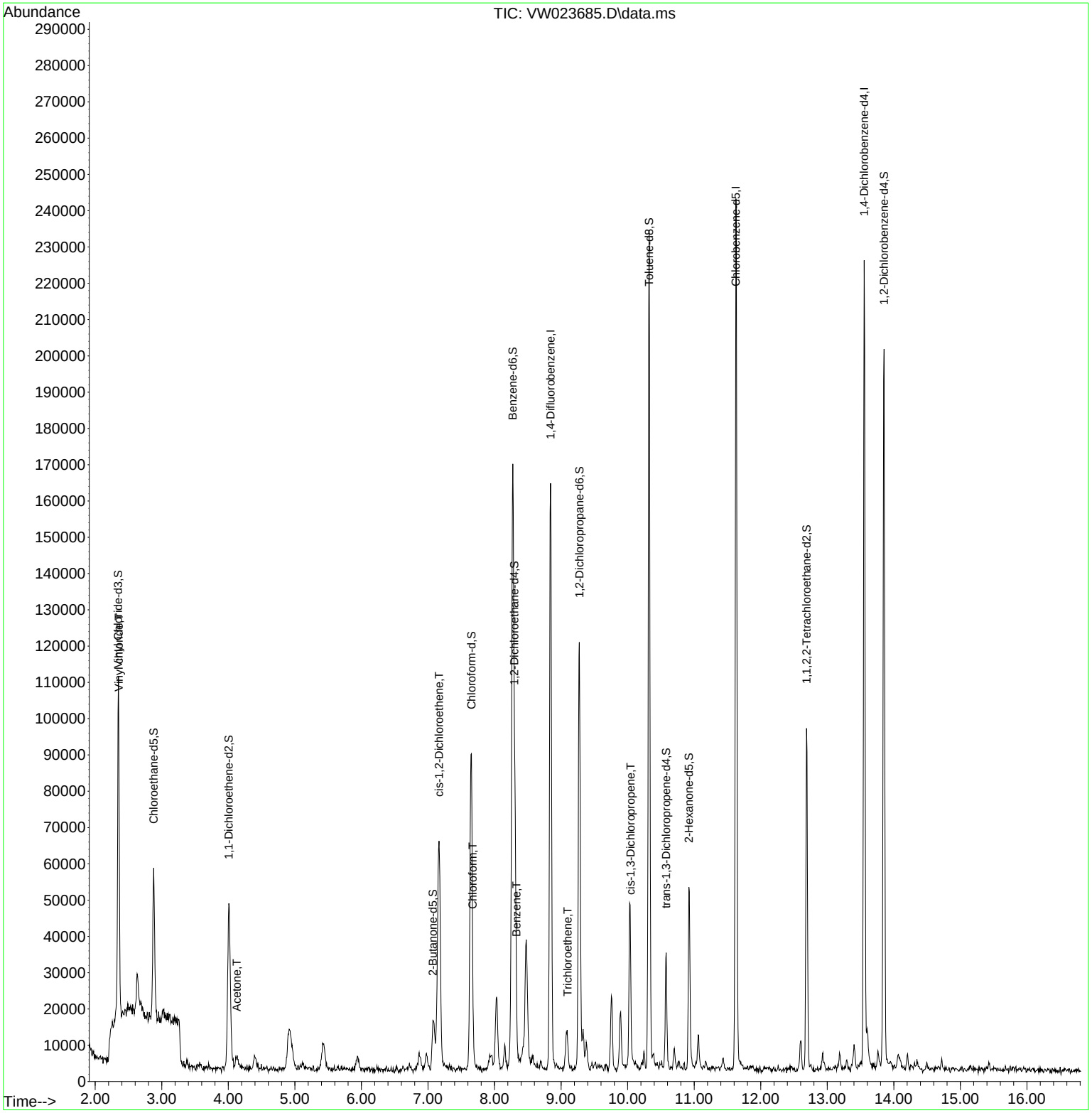
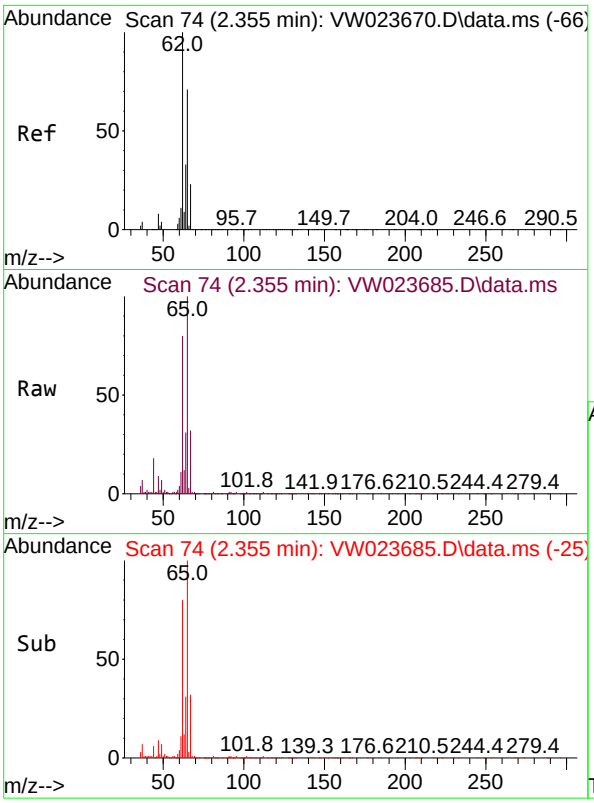


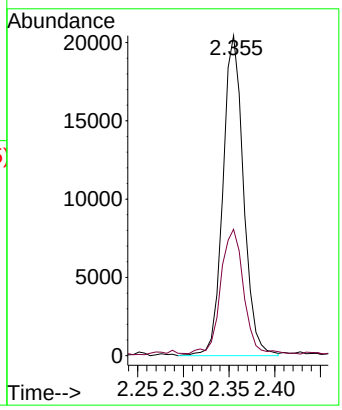


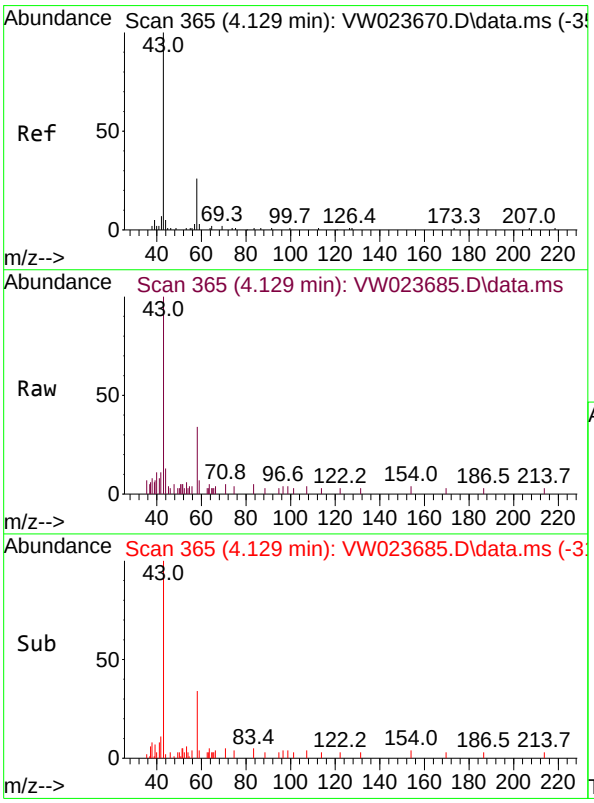
#5
Vinyl chloride
Concen: 8.662 ug/L
RT: 2.355 min Scan# 74
Delta R.T. 0.000 min
Lab File: VW023685.D
Acq: 14 Jul 2022 07:59

Instrument :
MSVOA_W
ClientSampleId :
F5B70

Tgt Ion: 62 Resp: 32058

Ion	Ratio	Lower	Upper
62	100		
64	39.5	24.0	44.6

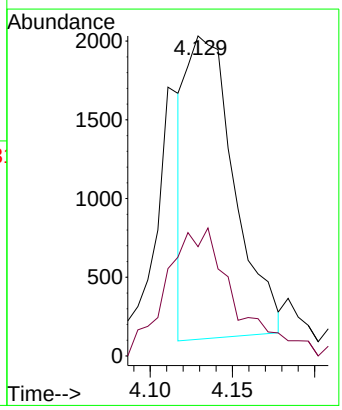


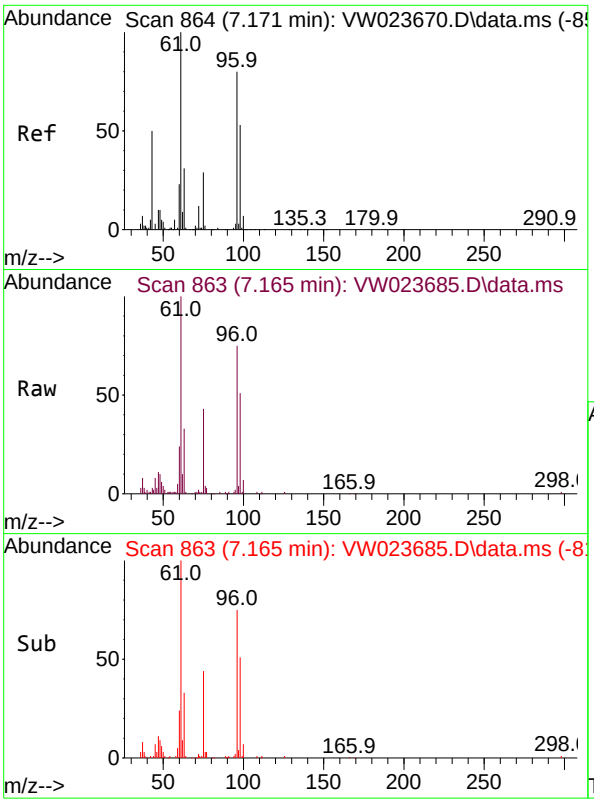


#13
Acetone
Concen: 10.809 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.000 min
Lab File: VW023685.D
Acq: 14 Jul 2022 07:59

Tgt Ion: 43 Resp: 3921

Ion	Ratio	Lower	Upper
43	100		
58	50.0	0.0	64.2



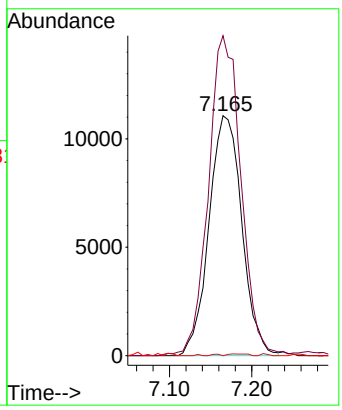


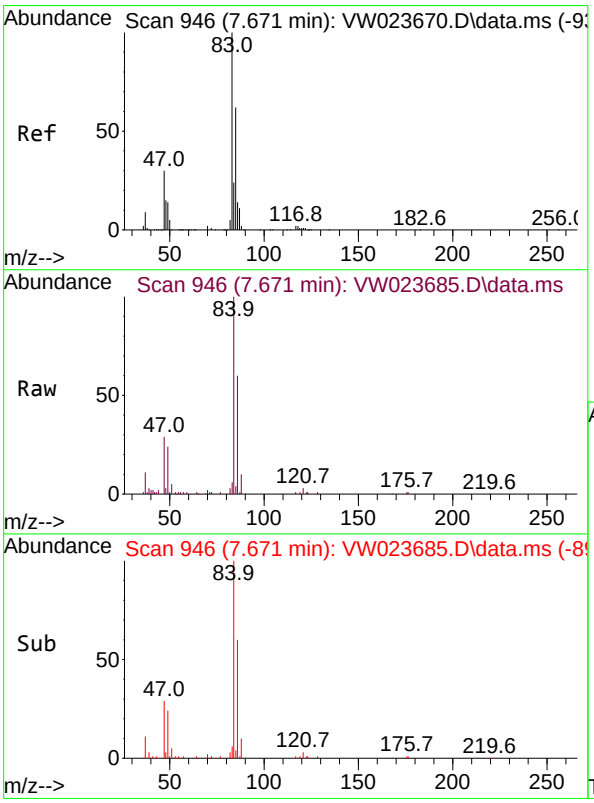
#20
cis-1,2-Dichloroethene
Concen: 16.667 ug/L
RT: 7.165 min Scan# 8
Delta R.T. -0.006 min
Lab File: VW023685.D
Acq: 14 Jul 2022 07:59

Instrument :
MSVOA_W
ClientSampleId :
F5B70

Tgt Ion: 96 Resp: 30756

Ion	Ratio	Lower	Upper
96	100		
61	133.3	90.6	168.2
68	0.0	0.2	0.4#

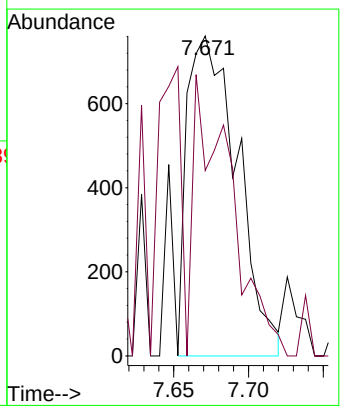


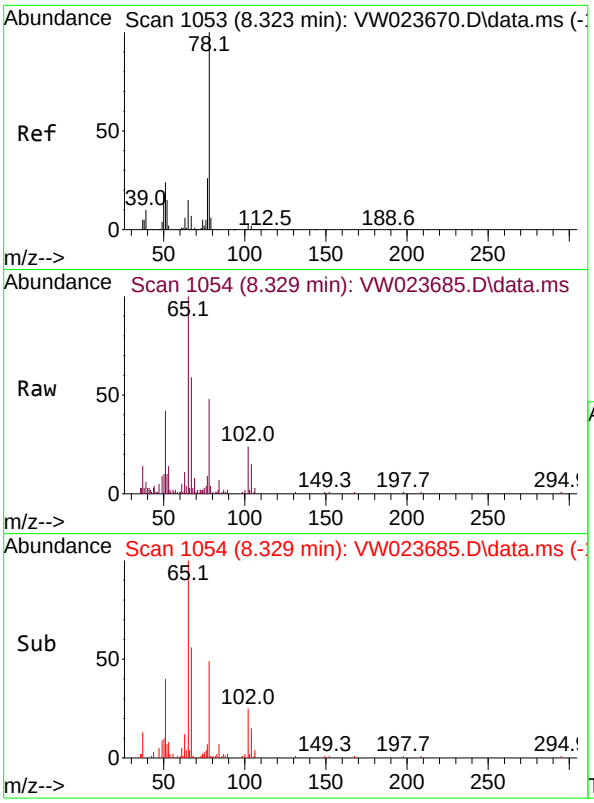


#25
Chloroform
Concen: 0.503 ug/L
RT: 7.671 min Scan# 946
Delta R.T. 0.000 min
Lab File: VW023685.D
Acq: 14 Jul 2022 07:59

Tgt Ion: 83 Resp: 1781

Ion	Ratio	Lower	Upper
83	100		
85	58.0	41.9	77.9

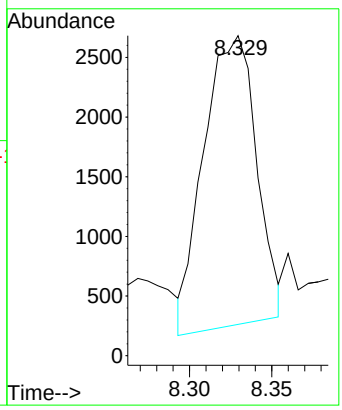


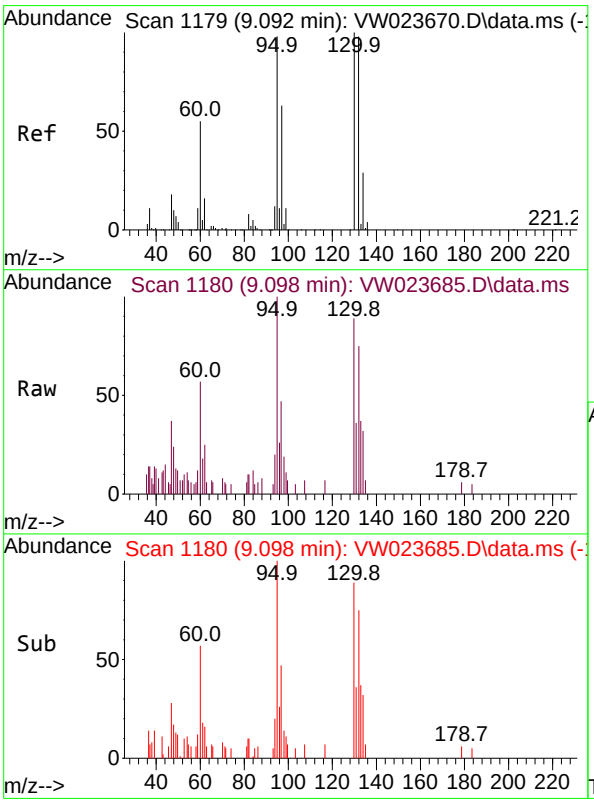


#33
Benzene
Concen: 0.792 ug/L
RT: 8.329 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW023685.D
Acq: 14 Jul 2022 07:59

Instrument :
MSVOA_W
ClientSampleId :
F5B70

Tgt Ion: 78 Resp: 5433

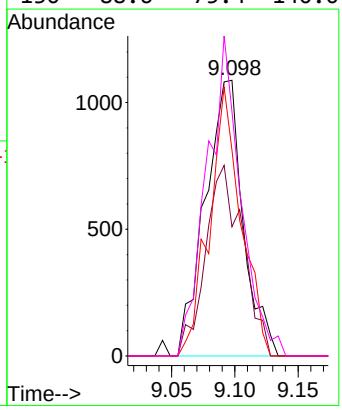


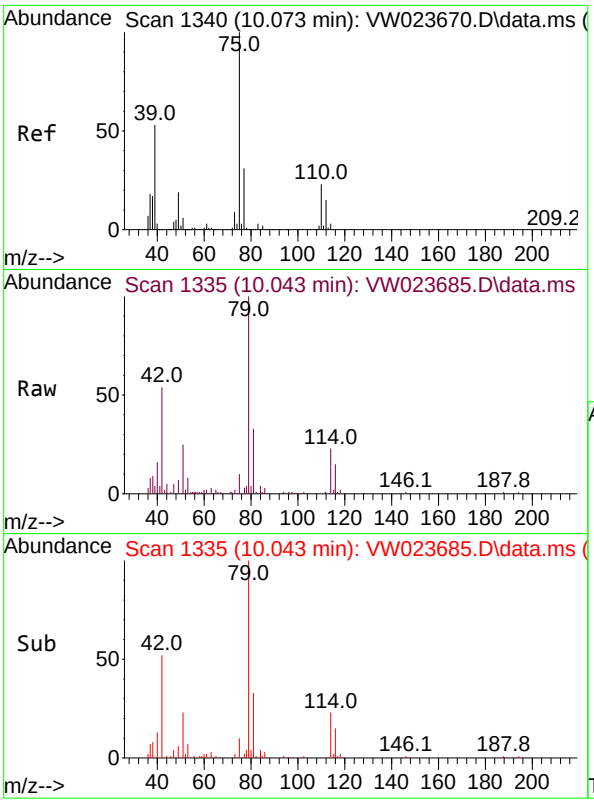


#34
Trichloroethene
Concen: 1.251 ug/L
RT: 9.098 min Scan# 1180
Delta R.T. 0.006 min
Lab File: VW023685.D
Acq: 14 Jul 2022 07:59

Tgt Ion: 95 Resp: 2267

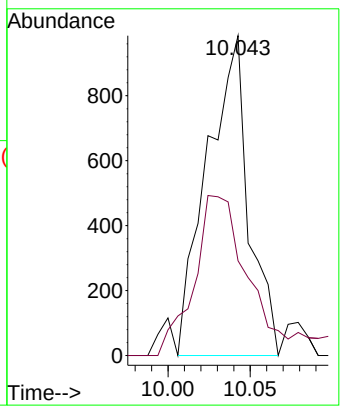
Ion	Ratio	Lower	Upper
95	100		
97	46.9	45.6	84.8
132	74.7	69.9	129.7
130	88.6	75.4	140.0





#39
cis-1,3-Dichloropropene
Concen: 0.669 ug/L
RT: 10.043 min Scan# 1
Delta R.T. -0.030 min
Lab File: VW023685.D
Acq: 14 Jul 2022 07:59

Instrument :
MSVOA_W
ClientSampleId :
F5B70

Tgt Ion: 75 Resp: 1735

Ion	Ratio	Lower	Upper
75	100		
77	29.6	22.5	41.9