Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121523\
Data File : VU056902.D
Acq On : 16 Dec 2023 00:52
Operator : MD/SY
Sample : 05809-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F7C49

Quant Time: Dec 16 05:12:53 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Dec 15 01:53:53 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	200948	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	205186	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	87613	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	82908	4.813	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 96.200%			
7) Chloroethane-d5	1.907	69	66749	5.179	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 103.600%			
11) 1,1-Dichloroethene-d2	2.560	65	36778	4.990	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 99.800%			
20) 2-Butanone-d5	4.624	46	207524	61.008	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 122.020%			
24) Chloroform-d	5.055	84	182832	5.605	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 112.200%			
26) 1,2-Dichloroethane-d4	5.695	65	90559	5.867	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 117.400%			
32) Benzene-d6	5.721	84	337502	5.303	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.000%			
36) 1,2-Dichloropropane-d6	6.685	67	109994	5.522	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 110.400%			
41) Toluene-d8	7.894	98	271374	4.771	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.400%			
43) trans-1,3-Dichloroprop...	8.177	79	36822	4.767	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 95.400%			
46) 2-Hexanone-d5	8.631	63	159655	54.797	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 109.600%			
56) 1,1,2,2-Tetrachloroeth...	10.753	84	84805	5.884	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 117.600%			
66) 1,2-Dichlorobenzene-d4	12.190	152	97559	5.665	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 113.200%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.570	96	2658	0.163	ug/L #	1
19) 1,1-Dichloroethane	3.865	63	4843	0.152	ug/L #	84
25) Chloroform	5.081	83	28721	0.862	ug/L	99
35) Methylcyclohexane	6.685	83	27071	0.927	ug/L #	17
37) 1,2-Dichloropropane	6.682	63	11415	0.619	ug/L #	88
47) Tetrachloroethene	8.547	164	16755	1.210	ug/L	97
48) 2-Hexanone	8.685	43	5379	0.862	ug/L #	44
49) Dibromochloromethane	8.547	129	18549	1.294	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	11392	1.211	ug/L #	70

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

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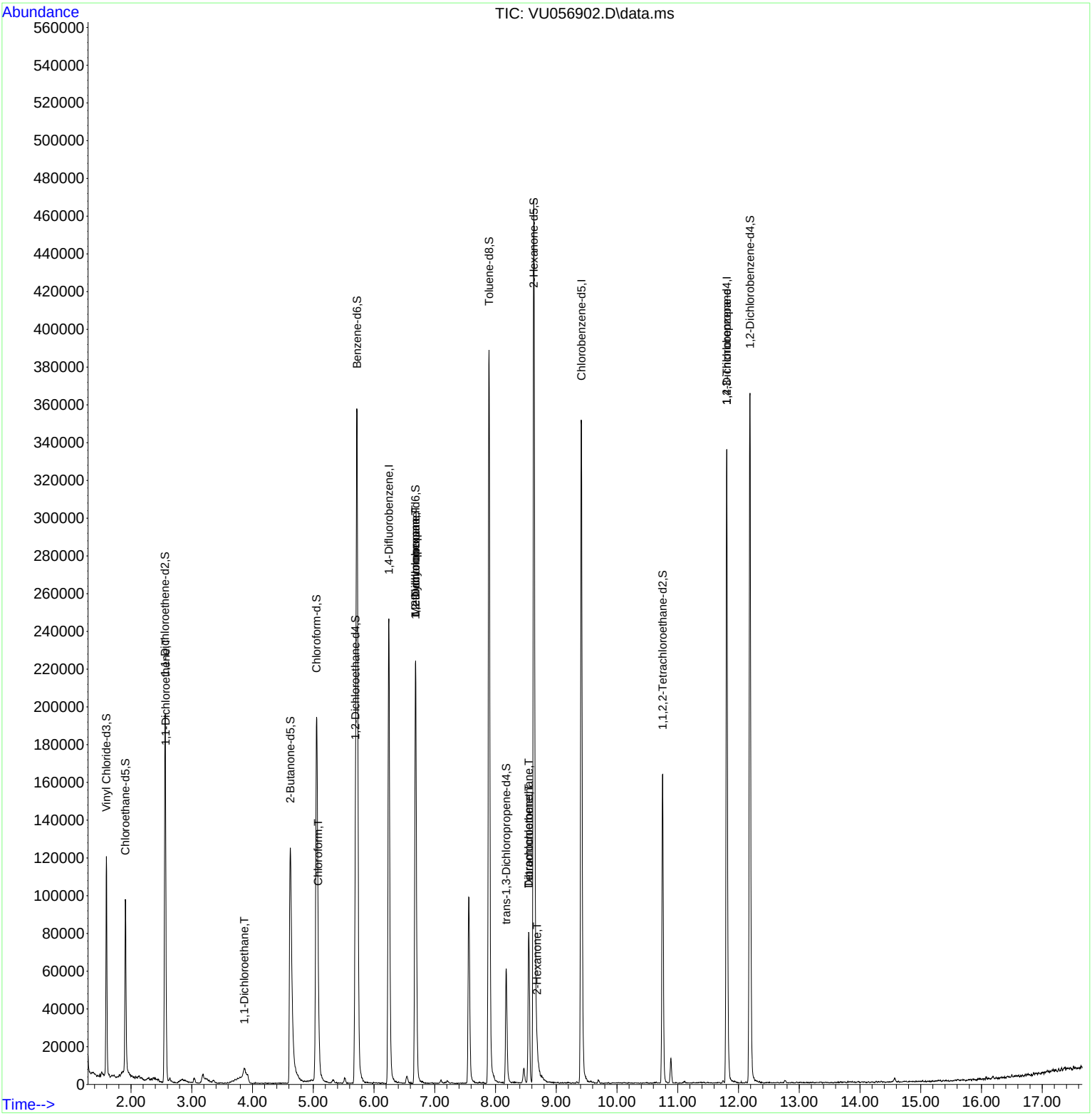
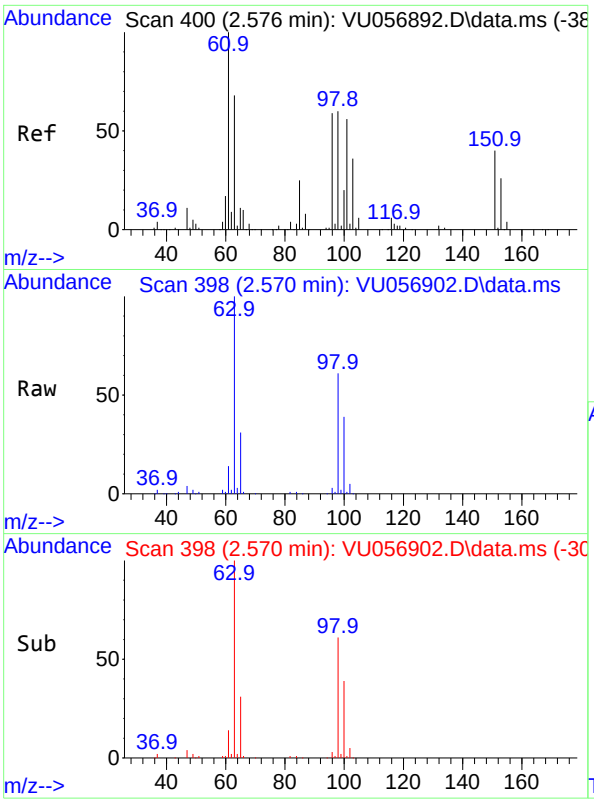
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Dec 15 01:53:53 2023
Response via : Initial Calibration



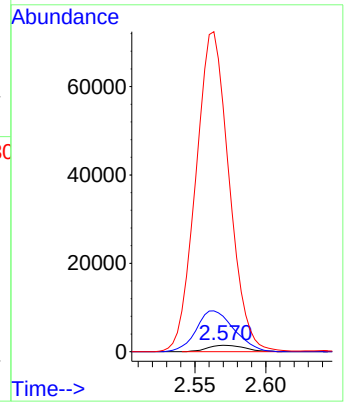


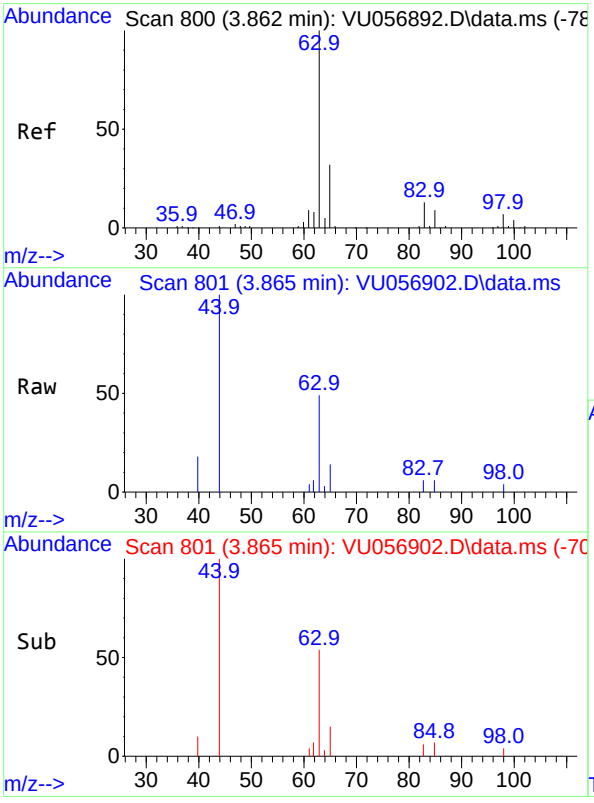
#12
1,1-Dichloroethene
Concen: 0.163 ug/L
RT: 2.570 min Scan# 3
Delta R.T. -0.007 min
Lab File: VU056902.D
Acq: 16 Dec 2023 00:52

Instrument :
MSVOA_U
ClientSampleId :
F7C49

Tgt Ion: 96 Resp: 2658

Ion	Ratio	Lower	Upper
96	100		
61	550.8	119.0	221.0#
63	3818.3	88.7	164.7#

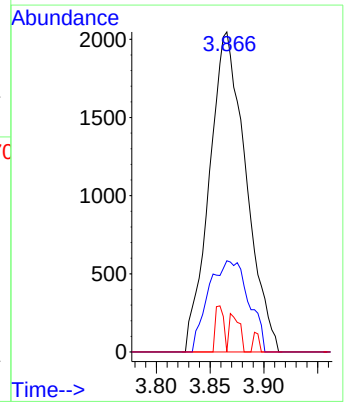


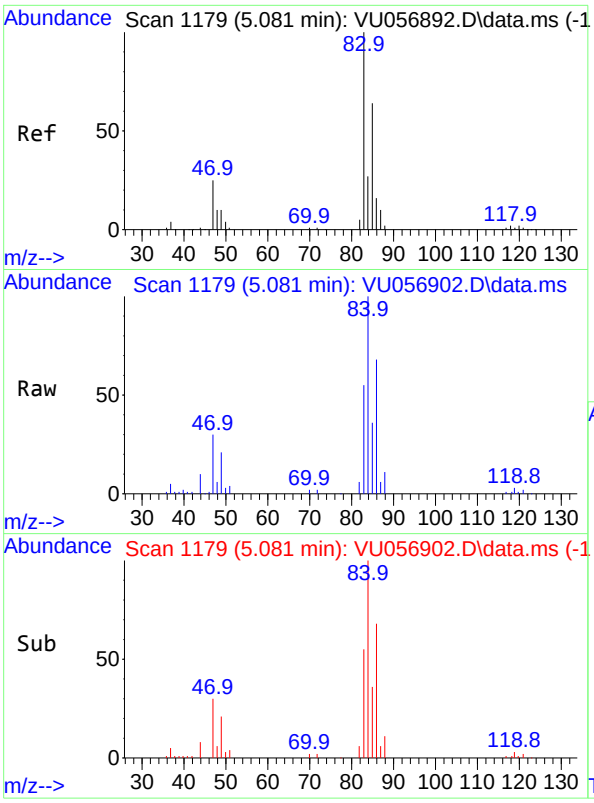


#19
1,1-Dichloroethane
Concen: 0.152 ug/L
RT: 3.865 min Scan# 801
Delta R.T. 0.003 min
Lab File: VU056902.D
Acq: 16 Dec 2023 00:52

Tgt Ion: 63 Resp: 4843

Ion	Ratio	Lower	Upper
63	100		
65	28.5	22.9	42.5
83	0.0	10.1	18.9#



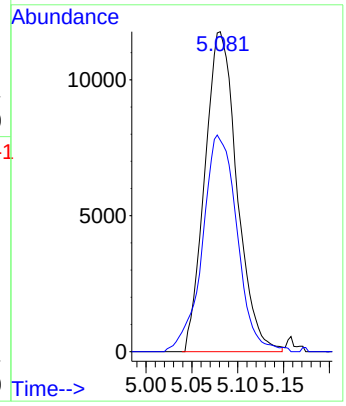


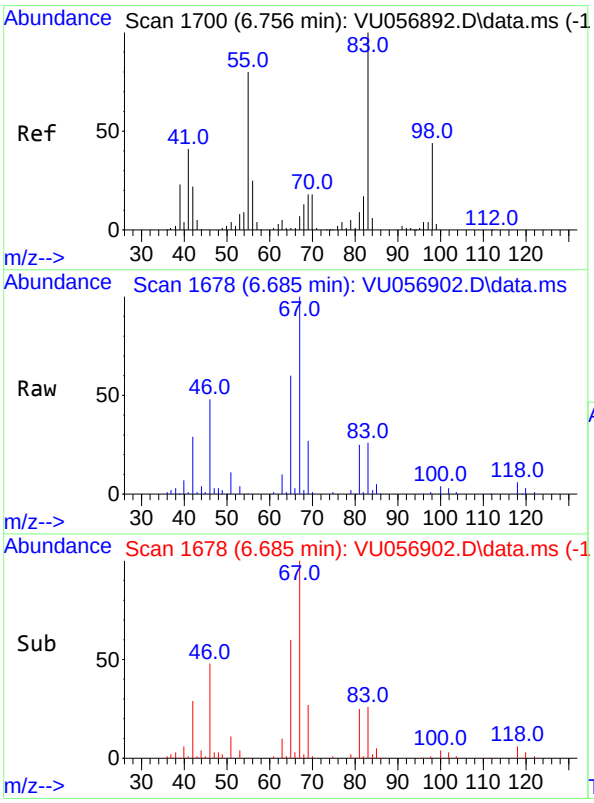
#25
Chloroform
Concen: 0.862 ug/L
RT: 5.081 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU056902.D
Acq: 16 Dec 2023 00:52

Instrument :
MSVOA_U
ClientSampleId :
F7C49

Tgt Ion: 83 Resp: 28721

Ion	Ratio	Lower	Upper
83	100		
85	66.1	45.8	85.0

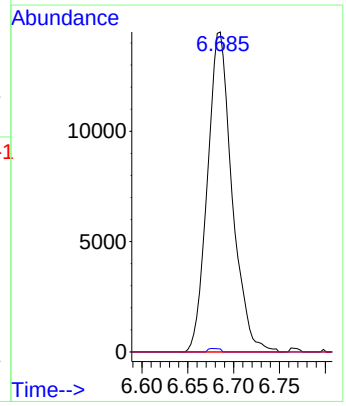


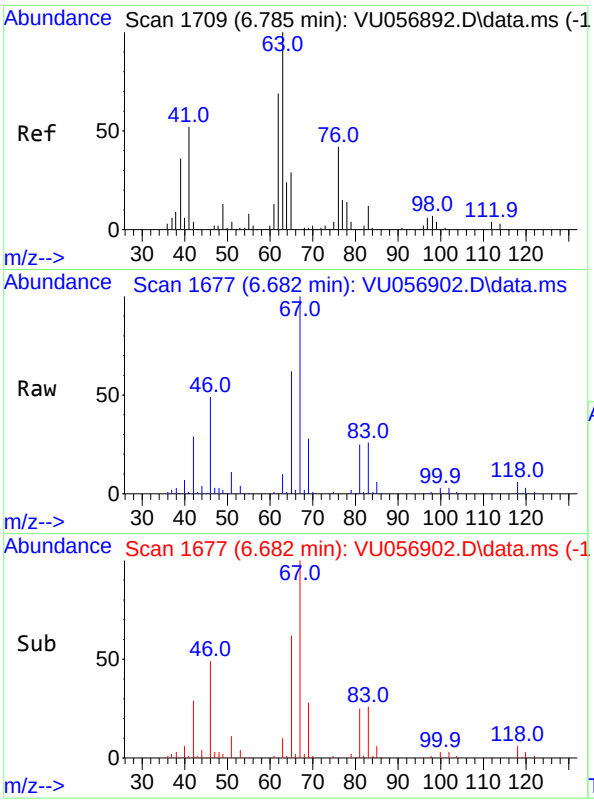


#35
Methylcyclohexane
Concen: 0.927 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU056902.D
Acq: 16 Dec 2023 00:52

Tgt Ion: 83 Resp: 27071

Ion	Ratio	Lower	Upper
83	100		
55	0.5	64.6	97.0#
98	0.0	36.1	54.1#



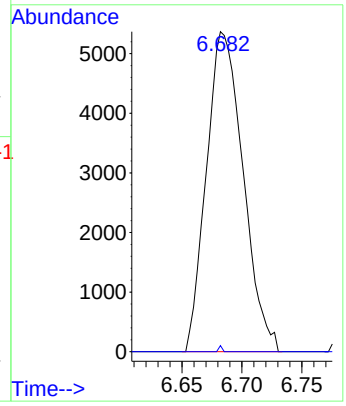


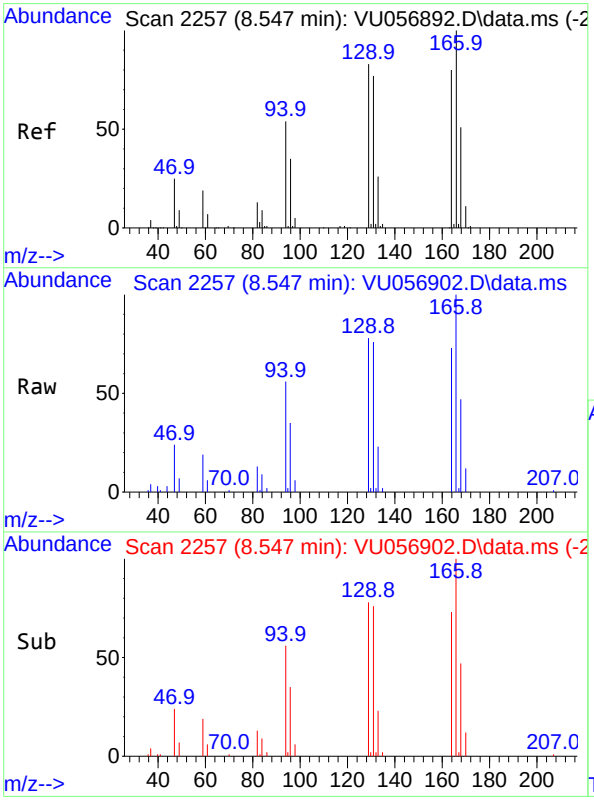
#37
1,2-Dichloropropane
Concen: 0.619 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU056902.D
Acq: 16 Dec 2023 00:52

Instrument :
MSVOA_U
ClientSampleId :
F7C49

Tgt Ion: 63 Resp: 11415

Ion	Ratio	Lower	Upper
63	100		
112	0.2	3.3	4.9#

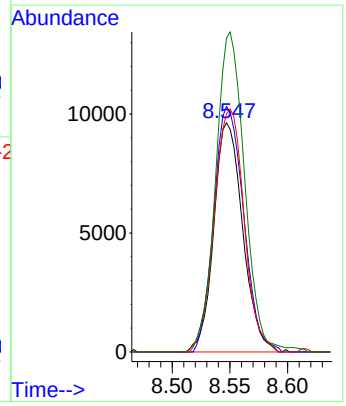


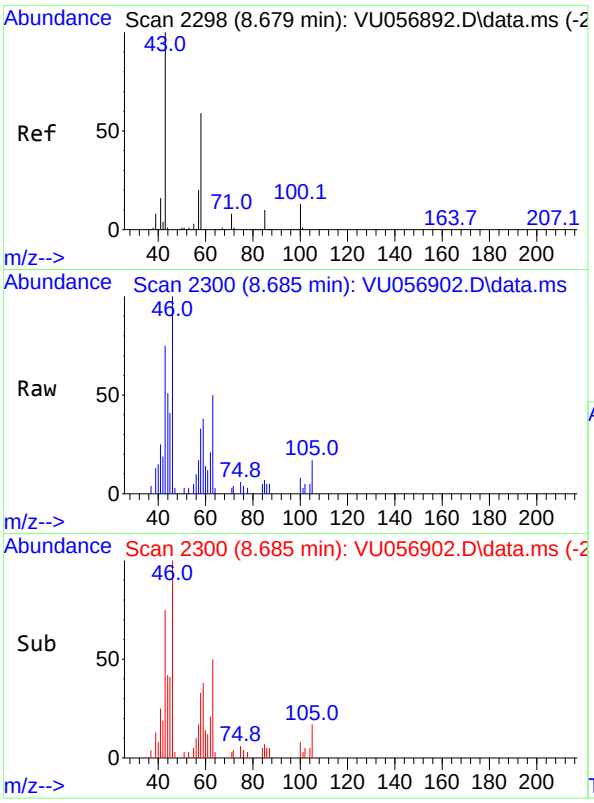


#47
Tetrachloroethene
Concen: 1.210 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.003 min
Lab File: VU056902.D
Acq: 16 Dec 2023 00:52

Tgt Ion:164 Resp: 16755

Ion	Ratio	Lower	Upper
164	100		
129	107.1	73.4	136.4
131	104.0	71.5	132.9
166	137.0	92.7	172.1



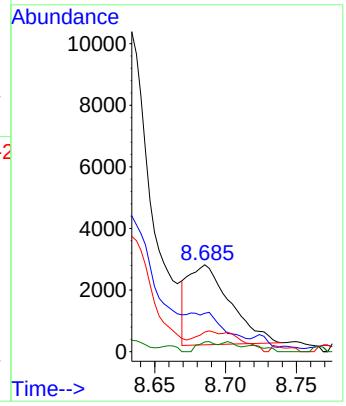


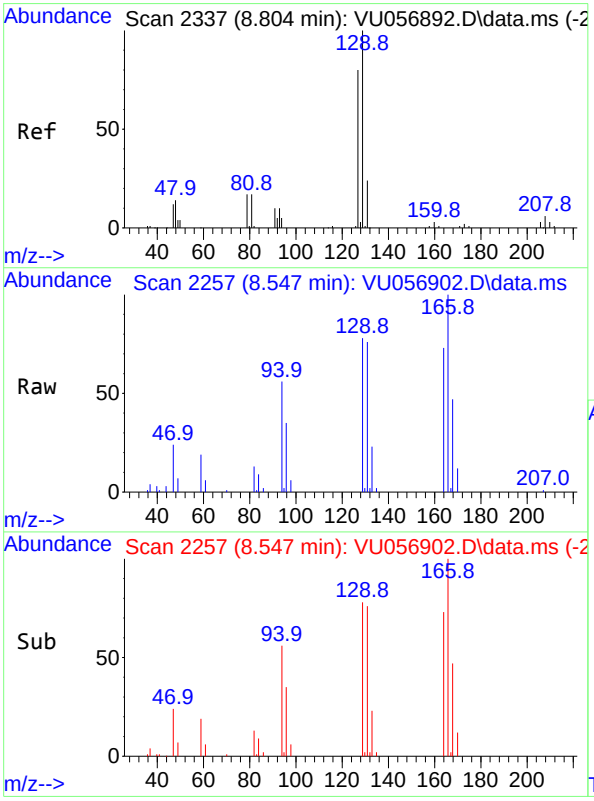
#48
2-Hexanone
Concen: 0.862 ug/L
RT: 8.685 min Scan# 2
Delta R.T. 0.006 min
Lab File: VU056902.D
Acq: 16 Dec 2023 00:52

Instrument :
MSVOA_U
ClientSampleId :
F7C49

Tgt Ion: 43 Resp: 5379

Ion	Ratio	Lower	Upper
43	100		
58	0.0	47.5	71.3#
57	27.0	17.0	25.4#
100	5.6	9.8	14.8#

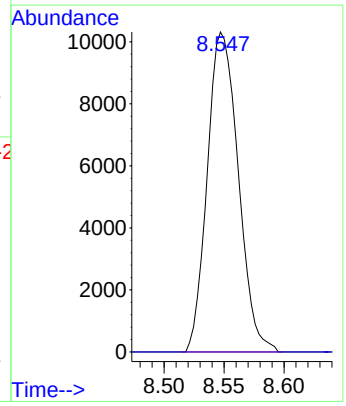


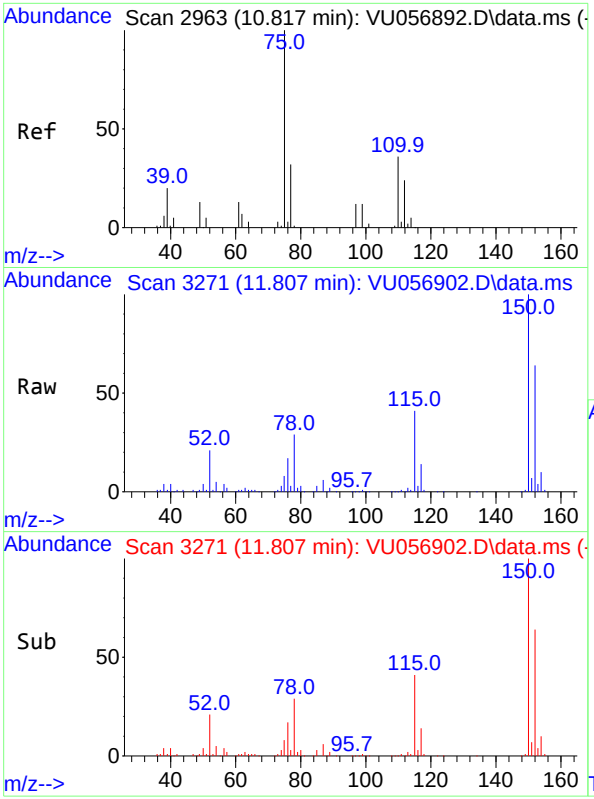


#49
Dibromochloromethane
Concen: 1.294 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.257 min
Lab File: VU056902.D
Acq: 16 Dec 2023 00:52

Tgt Ion:129 Resp: 18549

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.9	100.1#





#61
1,2,3-Trichloropropane
Concen: 1.211 ug/L
RT: 11.807 min Scan# 3
Delta R.T. 0.990 min
Lab File: VU056902.D
Acq: 16 Dec 2023 00:52

Instrument :
MSVOA_U
ClientSampleId :
F7C49

Tgt Ion: 75 Resp: 11392

Ion	Ratio	Lower	Upper
75	100		
110	2.0	28.4	42.6#
77	33.3	26.3	39.5