Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121223\
Data File : VU056809.D
Acq On : 13 Dec 2023 01:48
Operator : MD/SY
Sample : 05675-16DL 4X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0AB9DL

Quant Time: Dec 13 05:00:17 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Dec 13 01:32:29 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	239997	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	240156	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	102002	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	79106	3.845	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 77.000%			
7) Chloroethane-d5	1.907	69	67187	4.364	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 87.200%			
11) 1,1-Dichloroethene-d2	2.563	65	35269	4.007	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 80.200%			
20) 2-Butanone-d5	4.618	46	204407	50.314	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 100.620%			
24) Chloroform-d	5.055	84	181929	4.670	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.400%			
26) 1,2-Dichloroethane-d4	5.695	65	90655	4.918	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.400%			
32) Benzene-d6	5.721	84	348084	4.673	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.400%			
36) 1,2-Dichloropropane-d6	6.685	67	113138	4.853	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.000%			
41) Toluene-d8	7.894	98	283642	4.260	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.200%			
43) trans-1,3-Dichloroprop...	8.177	79	40194	4.445	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.000%			
46) 2-Hexanone-d5	8.627	63	155088	45.479	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 90.960%			
56) 1,1,2,2-Tetrachloroeth...	10.749	84	79117	4.690	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.800%			
66) 1,2-Dichlorobenzene-d4	12.187	152	97094	4.842	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.800%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.576	96	9247	0.475	ug/L #	1
22) cis-1,2-Dichloroethene	4.656	96	6783	0.316	ug/L	96
34) Trichloroethene	6.537	95	54620	2.359	ug/L	98
35) Methylcyclohexane	6.682	83	26538	0.777	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	12201	0.565	ug/L #	88
47) Tetrachloroethene	8.547	164	86584	5.344	ug/L	99
48) 2-Hexanone	8.682	43	6073	0.832	ug/L #	50
49) Dibromochloromethane	8.547	129	88368	5.267	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	14725	1.344	ug/L #	65

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

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Quant Time: Dec 13 05:00:17 2023
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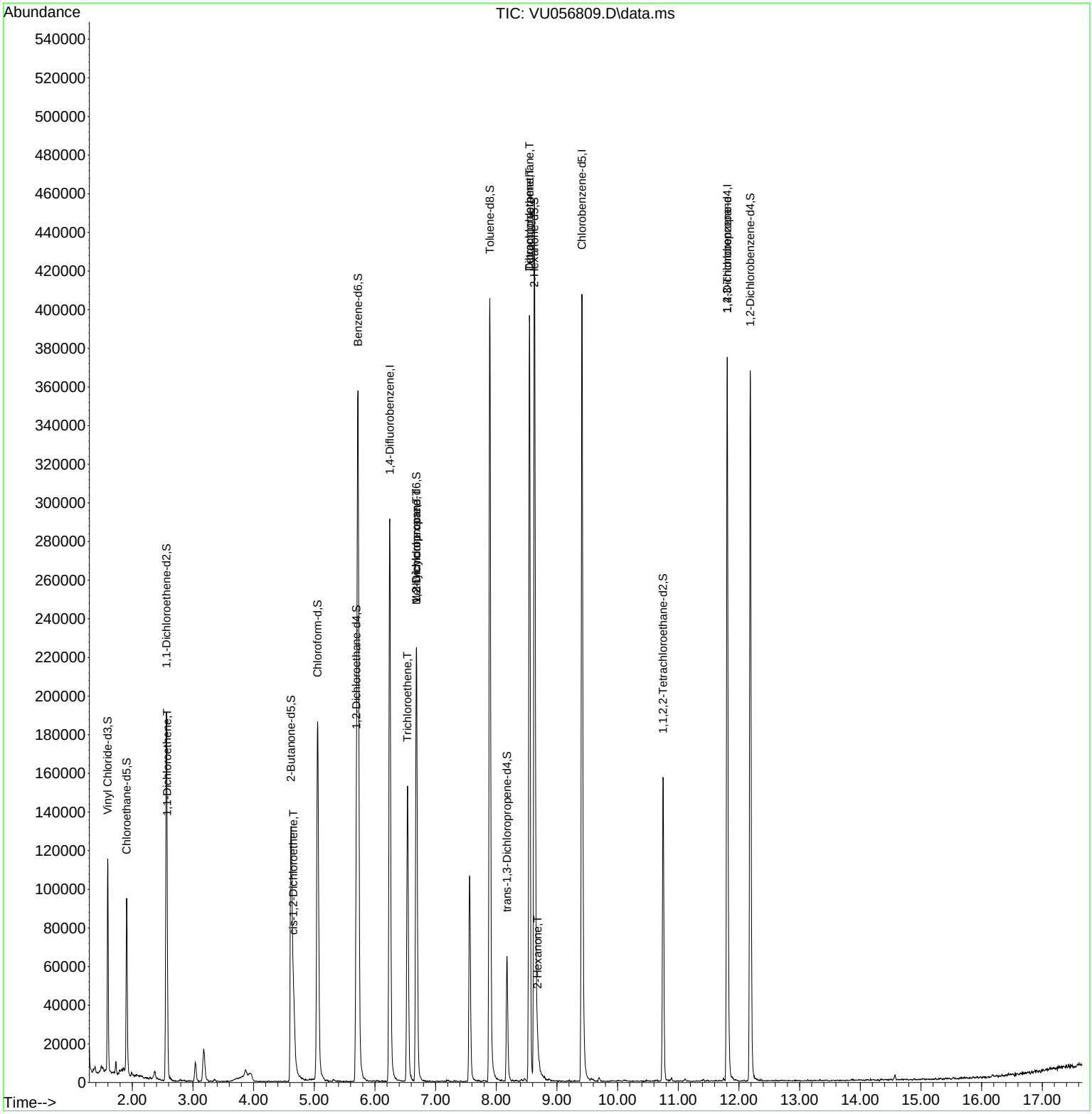
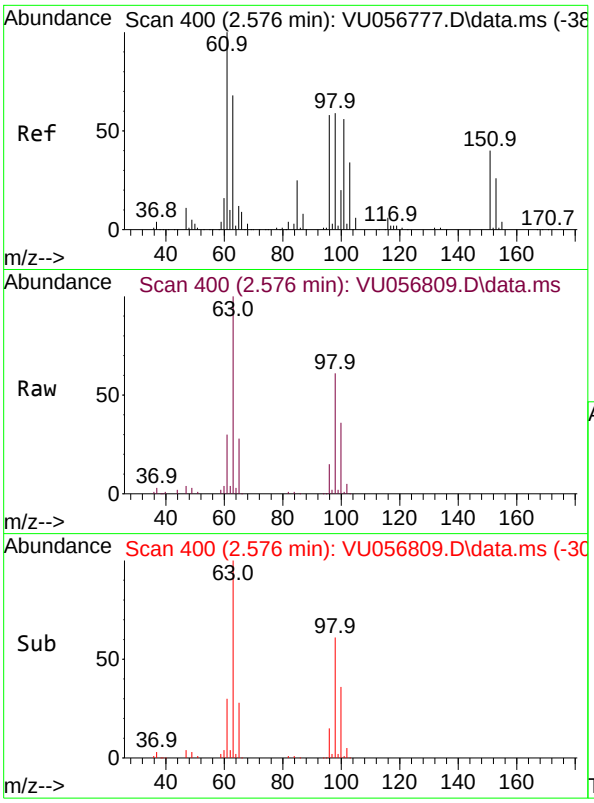
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Dec 13 01:32:29 2023
Response via : Initial Calibration



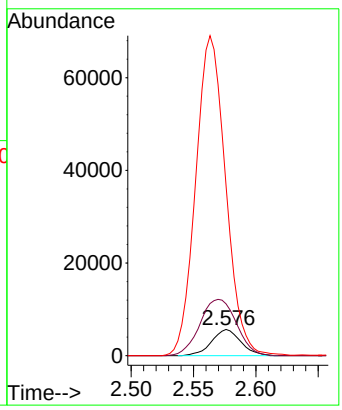


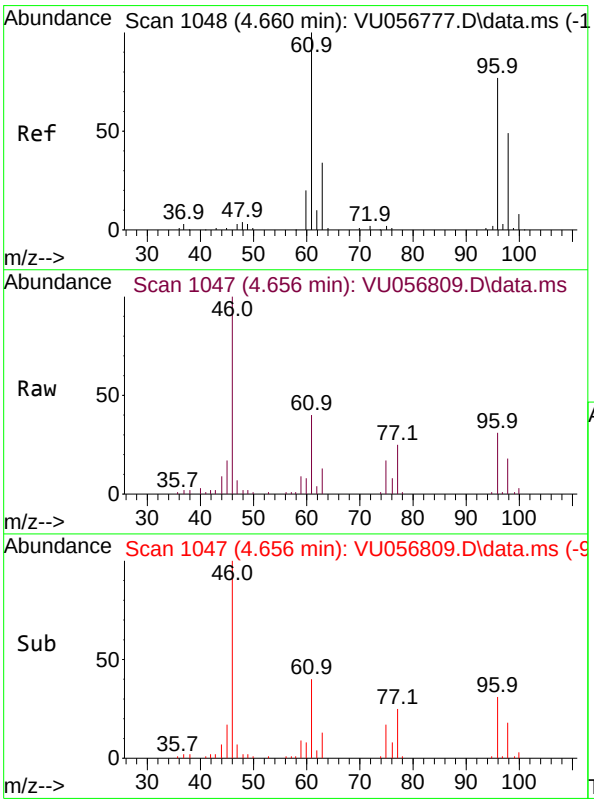
#12
1,1-Dichloroethene
Concen: 0.475 ug/L
RT: 2.576 min Scan# 4(
Delta R.T. -0.000 min
Lab File: VU056809.D
Acq: 13 Dec 2023 01:48

Instrument :
MSVOA_U
ClientSampleId :
H0AB9DL

Tgt Ion: 96 Resp: 9247

Ion	Ratio	Lower	Upper
96	100		
61	197.9	119.0	221.0
63	649.8	88.7	164.7#

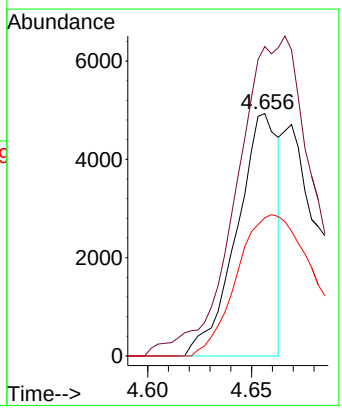


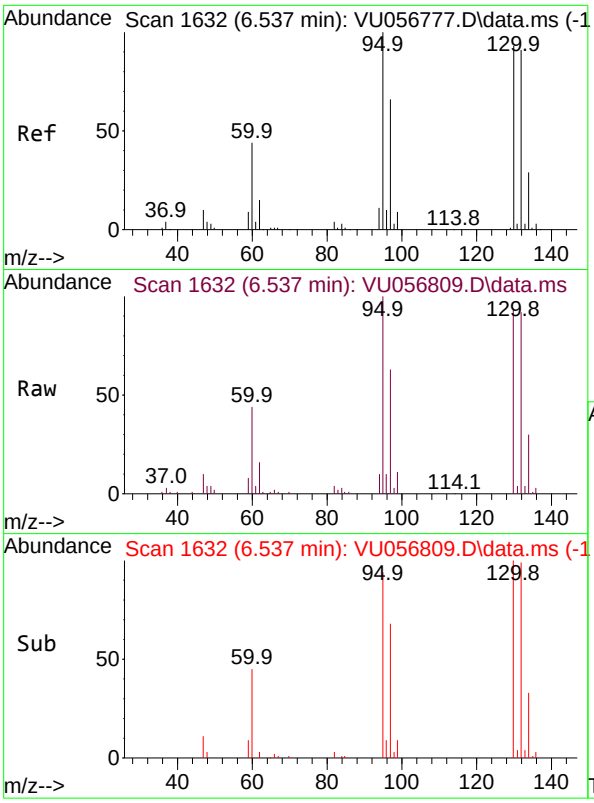


#22
cis-1,2-Dichloroethene
Concen: 0.316 ug/L
RT: 4.656 min Scan# 1047
Delta R.T. -0.003 min
Lab File: VU056809.D
Acq: 13 Dec 2023 01:48

Tgt Ion: 96 Resp: 6783

Ion	Ratio	Lower	Upper
96	100		
61	127.6	91.3	169.6
98	57.0	44.2	82.0



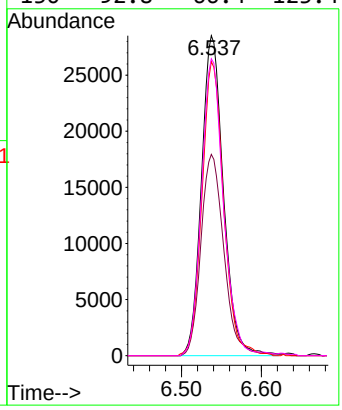


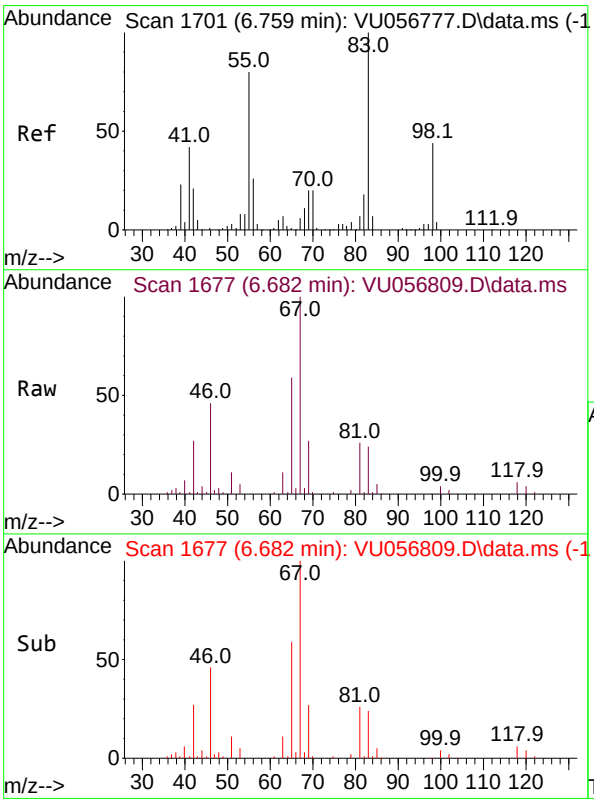
#34
Trichloroethene
Concen: 2.359 ug/L
RT: 6.537 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU056809.D
Acq: 13 Dec 2023 01:48

Instrument :
MSVOA_U
ClientSampleId :
H0AB9DL

Tgt Ion: 95 Resp: 54620

Ion	Ratio	Lower	Upper
95	100		
97	62.9	46.1	85.5
132	91.9	63.6	118.0
130	92.8	66.4	123.4

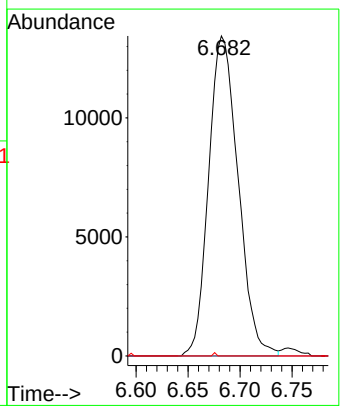


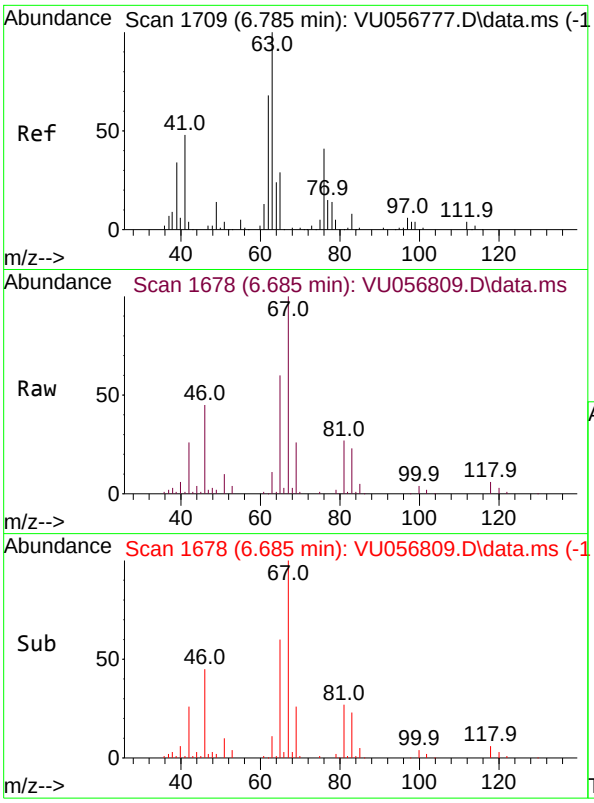


#35
Methylcyclohexane
Concen: 0.777 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU056809.D
Acq: 13 Dec 2023 01:48

Tgt Ion: 83 Resp: 26538

Ion	Ratio	Lower	Upper
83	100		
55	0.0	64.6	97.0#
98	1.3	36.1	54.1#



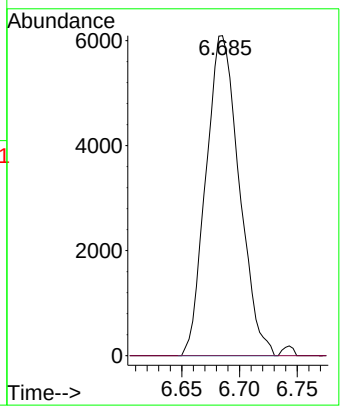


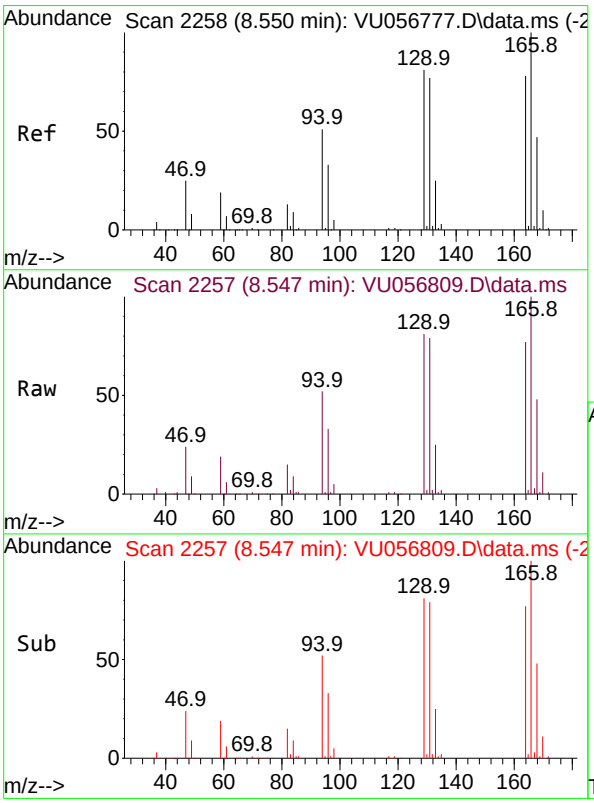
#37
1,2-Dichloropropane
Concen: 0.565 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU056809.D
Acq: 13 Dec 2023 01:48

Instrument :
MSVOA_U
ClientSampleId :
H0AB9DL

Tgt Ion: 63 Resp: 12201

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.3	4.9#

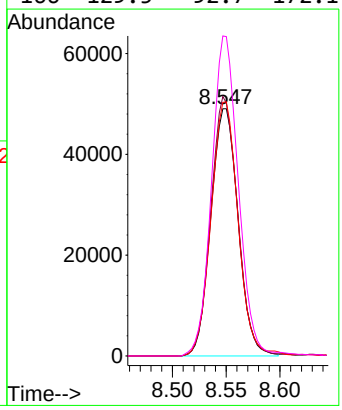


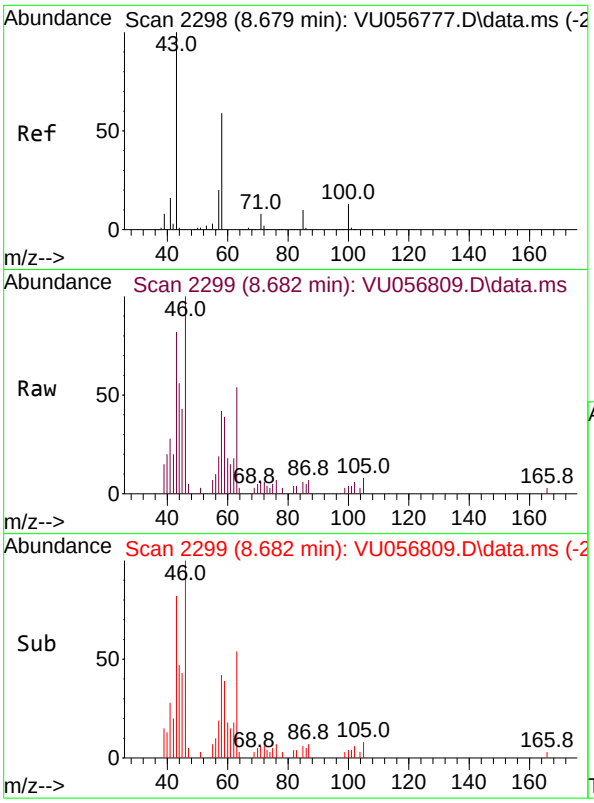


#47
Tetrachloroethene
Concen: 5.344 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU056809.D
Acq: 13 Dec 2023 01:48

Tgt Ion:164 Resp: 86584

Ion	Ratio	Lower	Upper
164	100		
129	104.9	73.4	136.4
131	102.6	71.5	132.9
166	129.5	92.7	172.1



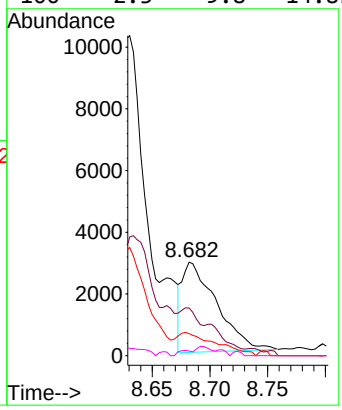


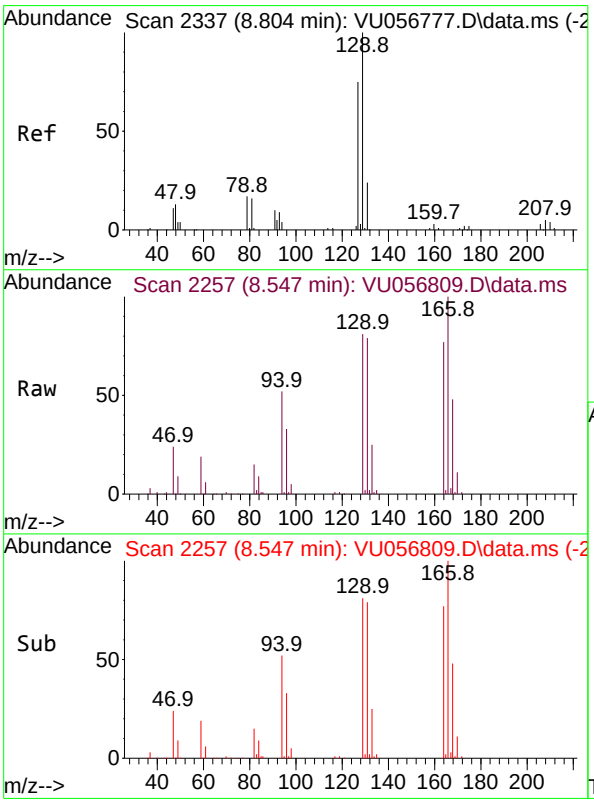
#48
2-Hexanone
Concen: 0.832 ug/L
RT: 8.682 min Scan# 2
Delta R.T. 0.003 min
Lab File: VU056809.D
Acq: 13 Dec 2023 01:48

Instrument :
MSVOA_U
ClientSampleId :
H0AB9DL

Tgt Ion: 43 Resp: 6073

Ion	Ratio	Lower	Upper
43	100		
58	9.9	47.5	71.3#
57	29.9	17.0	25.4#
100	2.3	9.8	14.8#

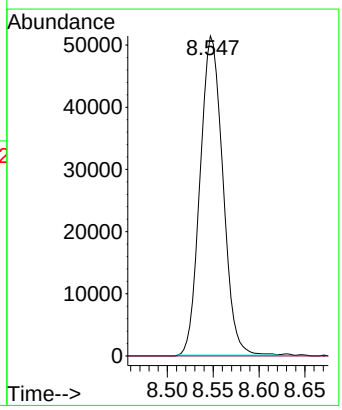


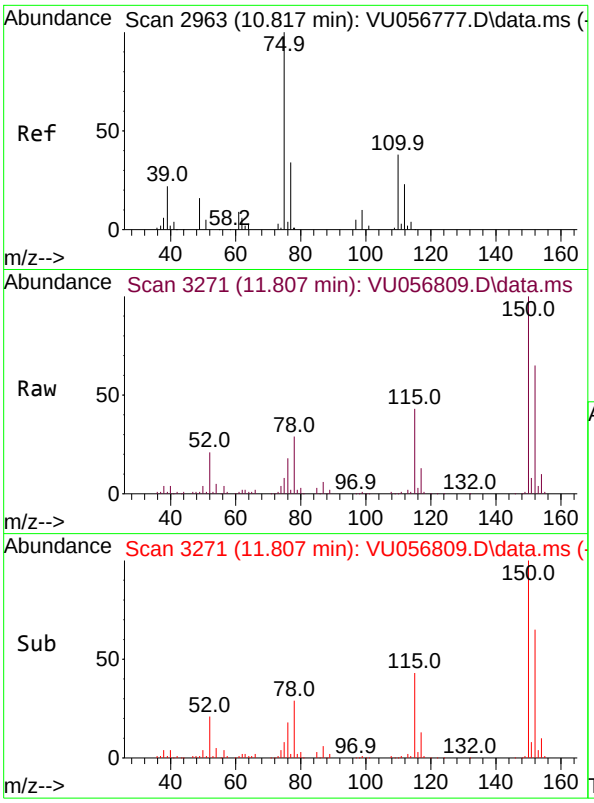


#49
Dibromochloromethane
Concen: 5.267 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.257 min
Lab File: VU056809.D
Acq: 13 Dec 2023 01:48

Tgt Ion:129 Resp: 88368

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.9	100.1#





#61
1,2,3-Trichloropropane
Concen: 1.344 ug/L
RT: 11.807 min Scan# 3
Delta R.T. 0.990 min
Lab File: VU056809.D
Acq: 13 Dec 2023 01:48

Instrument :
MSVOA_U
ClientSampleId :
H0AB9DL

Tgt Ion: 75 Resp: 14725

Ion	Ratio	Lower	Upper
75	100		
110	2.5	28.4	42.6#
77	26.5	26.3	39.5