Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121823\
Data File : VU057018.D
Acq On : 19 Dec 2023 02:06
Operator : MD/SY
Sample : 05830-07 200X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Dec 19 05:13:28 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Dec 19 02:36:03 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	239209	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	244623	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	89171	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	86994	4.243	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 84.800%			
7) Chloroethane-d5	1.908	69	68311	4.452	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 89.000%			
11) 1,1-Dichloroethene-d2	2.564	65	38004	4.332	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 86.600%			
20) 2-Butanone-d5	4.625	46	187730	46.361	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 92.720%			
24) Chloroform-d	5.055	84	174020	4.482	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.600%			
26) 1,2-Dichloroethane-d4	5.695	65	85848	4.672	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.400%			
32) Benzene-d6	5.721	84	329223	4.339	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.800%			
36) 1,2-Dichloropropane-d6	6.686	67	106469	4.483	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 89.600%			
41) Toluene-d8	7.895	98	259185	3.822	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 76.400%			
43) trans-1,3-Dichloroprop...	8.177	79	36120	3.922	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 78.400%			
46) 2-Hexanone-d5	8.631	63	140531	40.457	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 80.920%			
56) 1,1,2,2-Tetrachloroeth...	10.750	84	67904	3.952	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 79.000%			
66) 1,2-Dichlorobenzene-d4	12.187	152	79370	4.528	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 90.600%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.573	96	12973	0.668	ug/L #	1
16) Methylene chloride	3.043	84	6840	0.323	ug/L	96
34) Trichloroethene	6.538	95	36950	1.567	ug/L	96
35) Methylcyclohexane	6.682	83	24480	0.703	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	11610	0.528	ug/L #	92
47) Tetrachloroethene	8.547	164	115590	7.004	ug/L	96
48) 2-Hexanone	8.631	43	24301	3.267	ug/L #	42
49) Dibromochloromethane	8.547	129	114406	6.694	ug/L #	11
61) 1,2,3-Trichloropropane	11.808	75	10066	1.051	ug/L #	65

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

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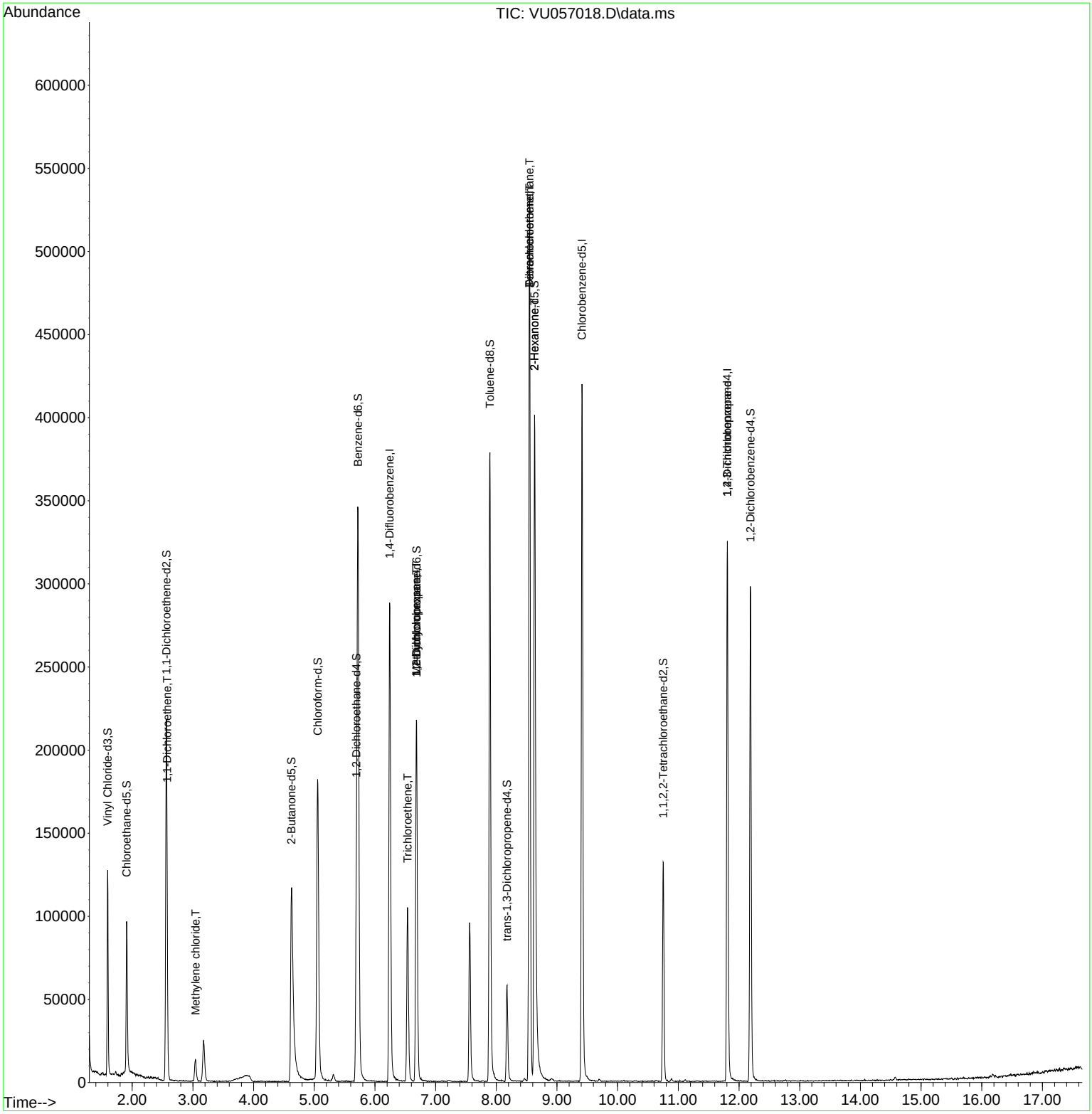
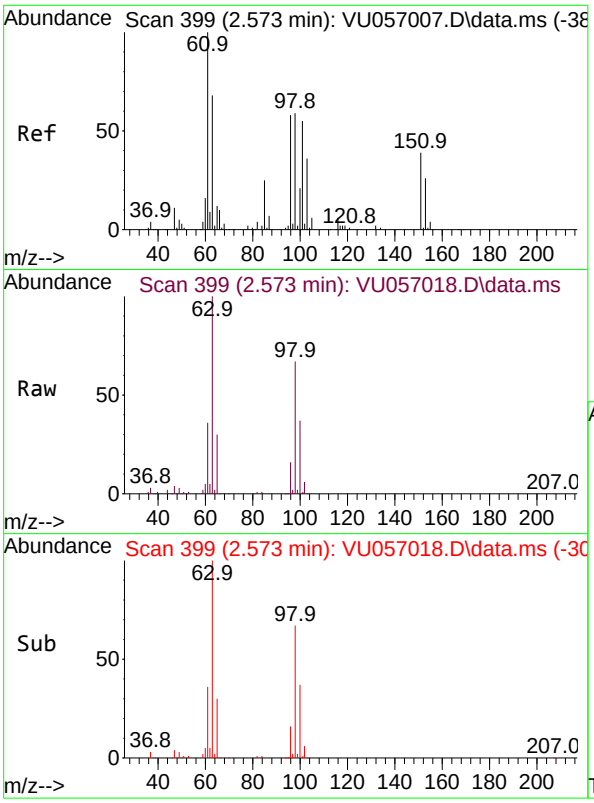


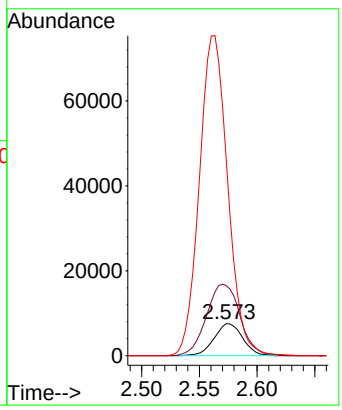


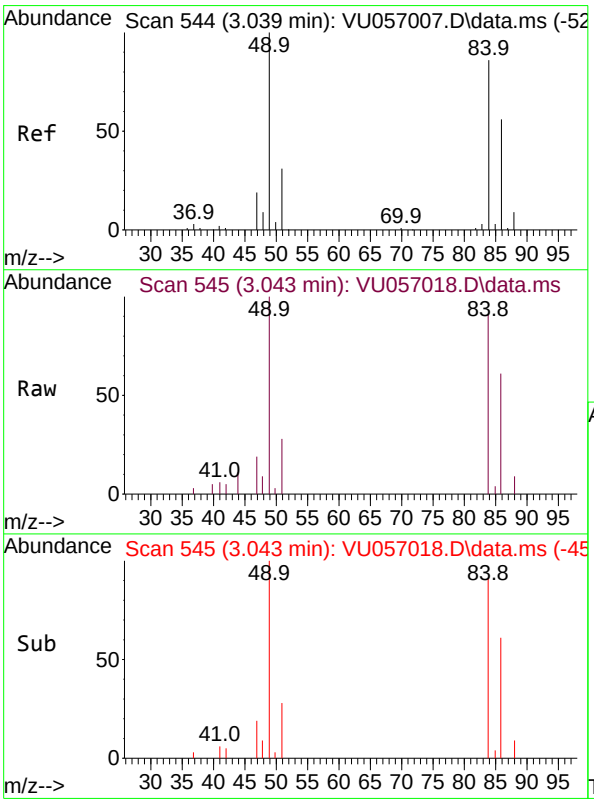
#12
1,1-Dichloroethene
Concen: 0.668 ug/L
RT: 2.573 min Scan# 3
Delta R.T. 0.000 min
Lab File: VU057018.D
Acq: 19 Dec 2023 02:06

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 12973

Ion	Ratio	Lower	Upper
96	100		
61	218.9	119.0	221.0
63	614.5	88.7	164.7#

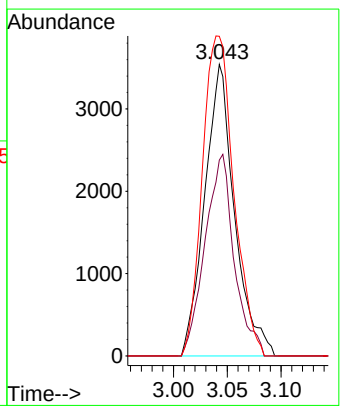


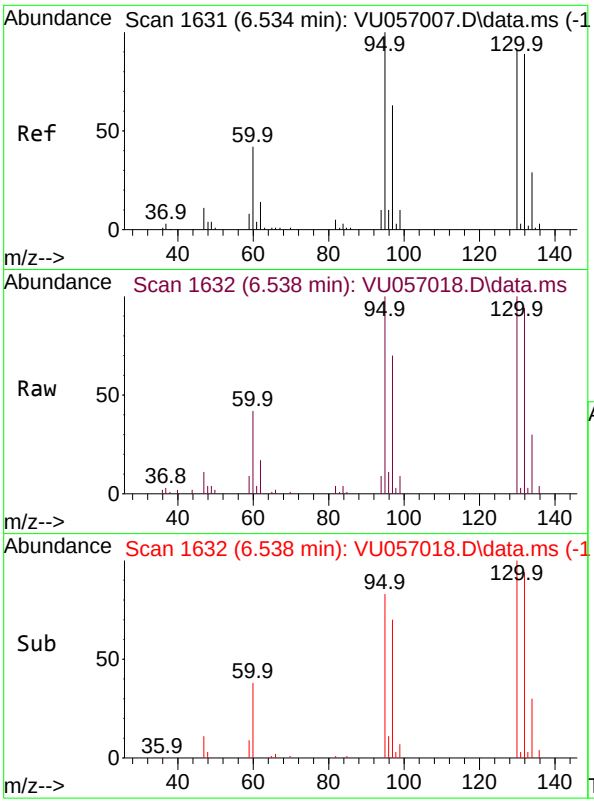


#16
Methylene chloride
Concen: 0.323 ug/L
RT: 3.043 min Scan# 545
Delta R.T. 0.003 min
Lab File: VU057018.D
Acq: 19 Dec 2023 02:06

Tgt Ion: 84 Resp: 6840

Ion	Ratio	Lower	Upper
84	100		
86	67.1	43.6	81.0
49	112.7	80.6	149.6



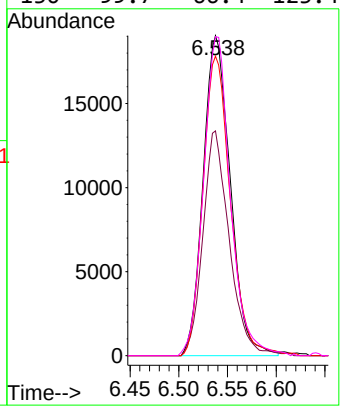


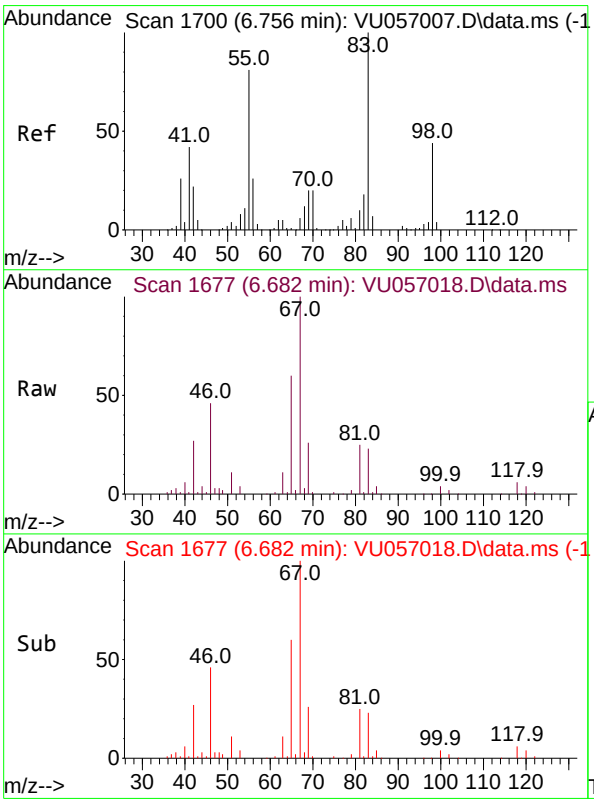
#34
Trichloroethene
Concen: 1.567 ug/L
RT: 6.538 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU057018.D
Acq: 19 Dec 2023 02:06

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 36950

Ion	Ratio	Lower	Upper
95	100		
97	70.3	46.1	85.5
132	93.6	63.6	118.0
130	99.7	66.4	123.4

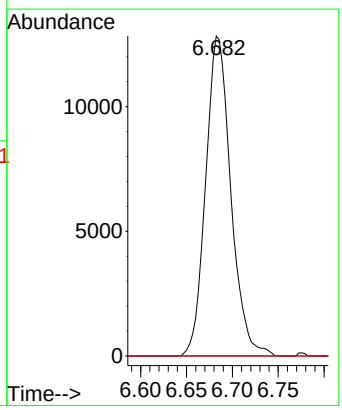


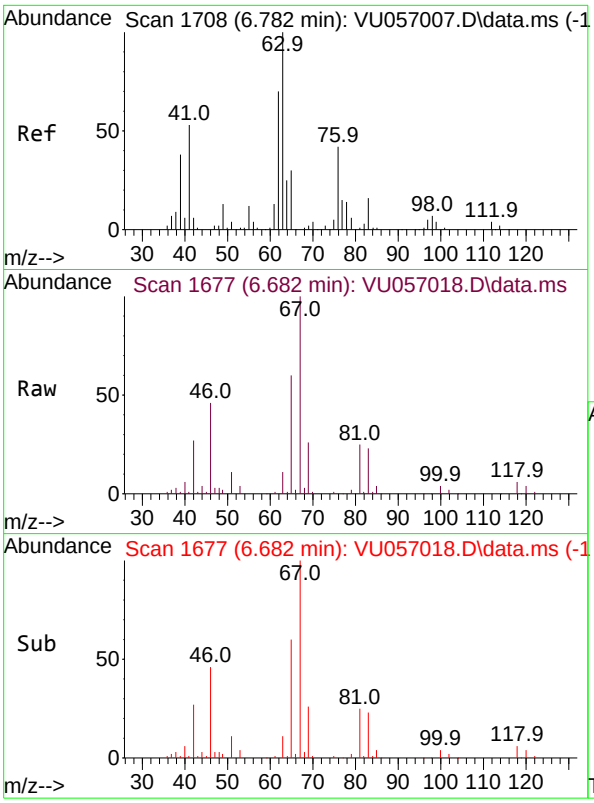


#35
Methylcyclohexane
Concen: 0.703 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU057018.D
Acq: 19 Dec 2023 02:06

Tgt Ion: 83 Resp: 24480

Ion	Ratio	Lower	Upper
83	100		
55	0.0	64.6	97.0#
98	1.5	36.1	54.1#



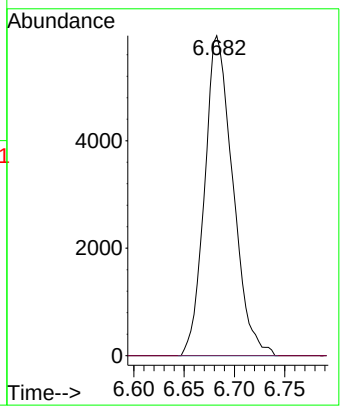


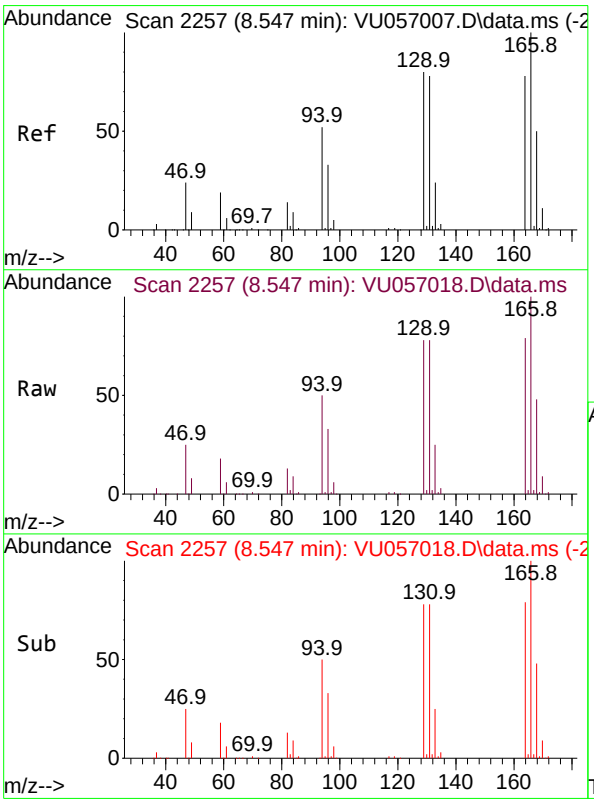
#37
1,2-Dichloropropane
Concen: 0.528 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU057018.D
Acq: 19 Dec 2023 02:06

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 11610

Ion	Ratio	Lower	Upper
63	100		
112	1.4	3.3	4.9#

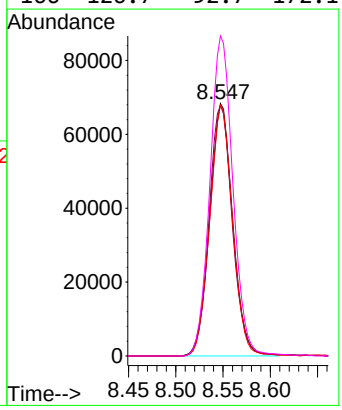


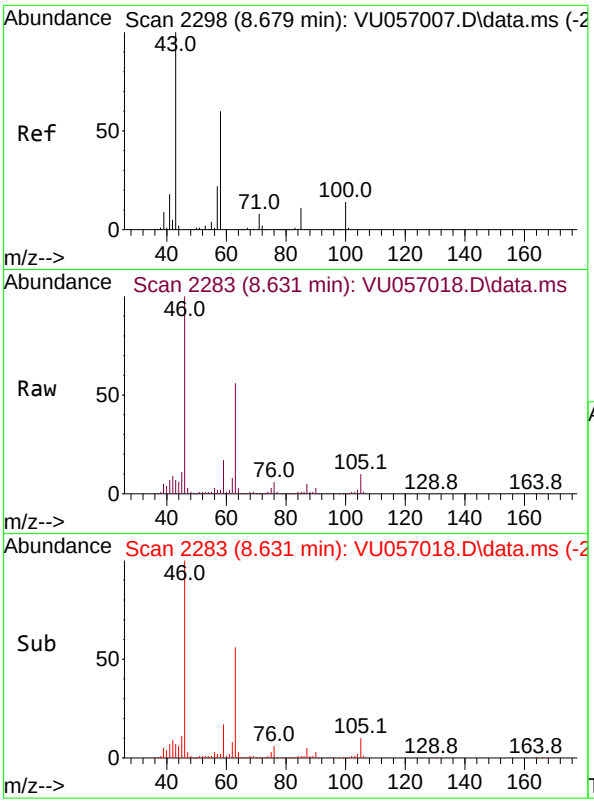


#47
Tetrachloroethene
Concen: 7.004 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU057018.D
Acq: 19 Dec 2023 02:06

Tgt Ion:164 Resp: 115590

Ion	Ratio	Lower	Upper
164	100		
129	99.3	73.4	136.4
131	99.3	71.5	132.9
166	126.7	92.7	172.1



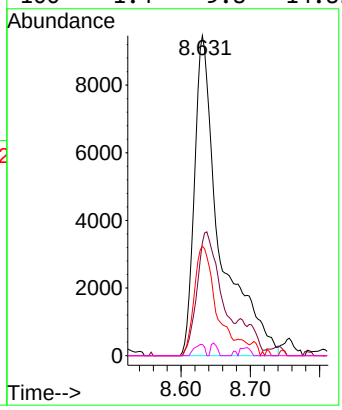


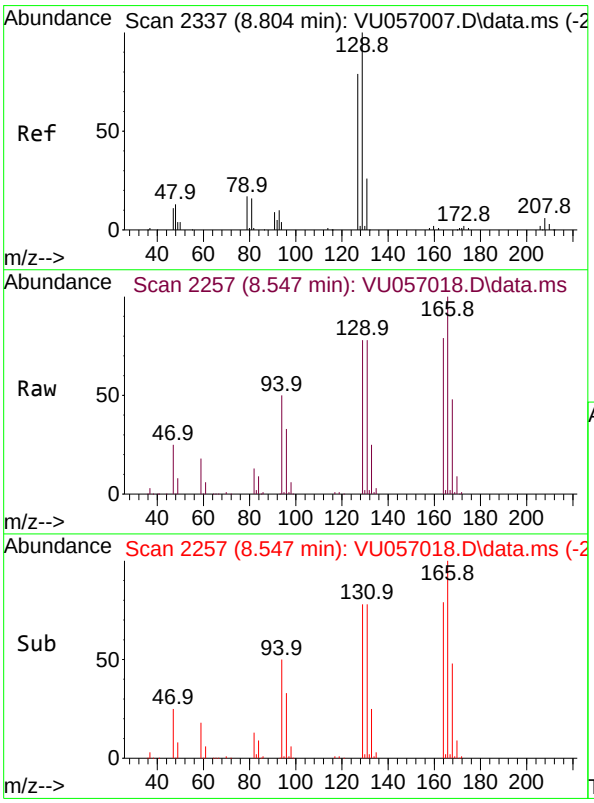
#48
2-Hexanone
Concen: 3.267 ug/L
RT: 8.631 min Scan# 2
Delta R.T. -0.048 min
Lab File: VU057018.D
Acq: 19 Dec 2023 02:06

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 24301

Ion	Ratio	Lower	Upper
43	100		
58	0.0	47.5	71.3#
57	28.7	17.0	25.4#
100	1.4	9.8	14.8#

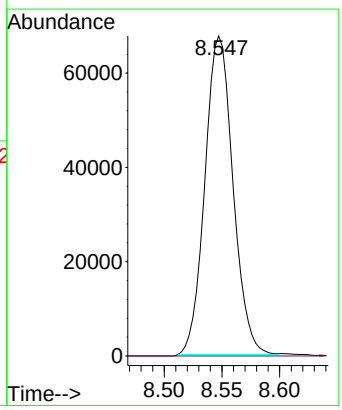


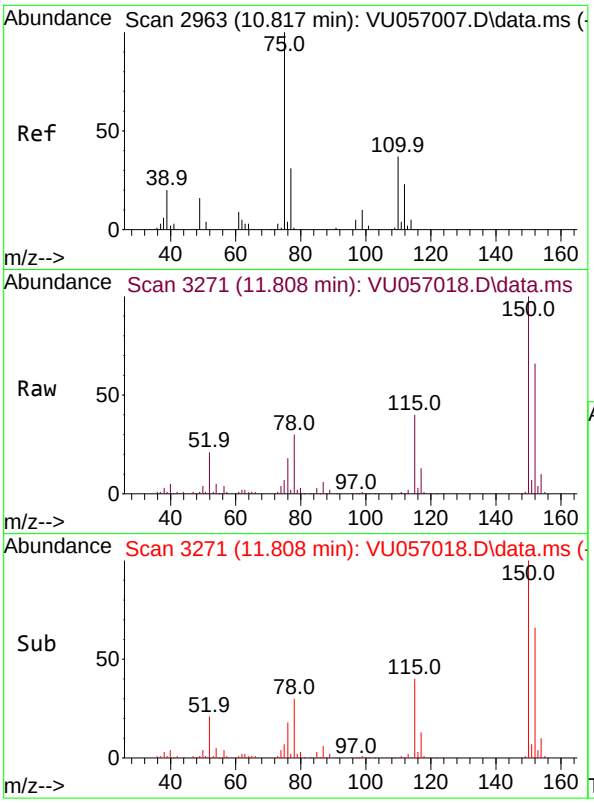


#49
Dibromochloromethane
Concen: 6.694 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.257 min
Lab File: VU057018.D
Acq: 19 Dec 2023 02:06

Tgt Ion:129 Resp: 114406

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.9	100.1#





#61
1,2,3-Trichloropropane
Concen: 1.051 ug/L
RT: 11.808 min Scan# 3
Delta R.T. 0.990 min
Lab File: VU057018.D
Acq: 19 Dec 2023 02:06

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 10066

Ion	Ratio	Lower	Upper
75	100		
110	0.8	28.4	42.6#
77	37.7	26.3	39.5