Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103123\
Data File : VU056016.D
Acq On : 31 Oct 2023 16:17
Operator : MD/SY
Sample : 05174-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Nov 01 01:11:00 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 01 01:09:14 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	324419	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	324961	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	148210	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	84899	3.308	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 66.200%			
7) Chloroethane-d5	1.914	69	83005	4.149	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 83.000%			
11) 1,1-Dichloroethene-d2	2.566	65	39324	3.609	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 72.200%			
20) 2-Butanone-d5	4.637	46	238197	52.028	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 104.060%			
24) Chloroform-d	5.058	84	213487	4.489	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.800%			
26) 1,2-Dichloroethane-d4	5.701	65	103309	4.459	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.200%			
32) Benzene-d6	5.727	84	416287	4.301	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.000%			
36) 1,2-Dichloropropane-d6	6.688	67	134062	4.672	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.400%			
41) Toluene-d8	7.897	98	343459	3.911	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 78.200%			
43) trans-1,3-Dichloroprop...	8.180	79	44075	3.927	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 78.600%			
46) 2-Hexanone-d5	8.634	63	179956	63.166	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 126.340%			
56) 1,1,2,2-Tetrachloroeth...	10.753	84	97294	4.656	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.200%			
66) 1,2-Dichlorobenzene-d4	12.193	152	125286	4.531	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 90.600%			
Target Compounds						Qvalue
16) Methylene chloride	3.046	84	7510	0.422	ug/L	95
21) 2-Butanone	4.817	43	61157	15.946	ug/L #	46
25) Chloroform	5.084	83	33618	0.990	ug/L	97
35) Methylcyclohexane	6.688	83	31123	1.150	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	14007	0.736	ug/L #	89
47) Tetrachloroethene	8.553	164	9233	0.657	ug/L	93
48) 2-Hexanone	8.685	43	22453	3.111	ug/L #	84
49) Dibromochloromethane	8.553	129	9545	0.649	ug/L #	11
61) 1,2,3-Trichloropropane	11.814	75	16810	1.652	ug/L #	67

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

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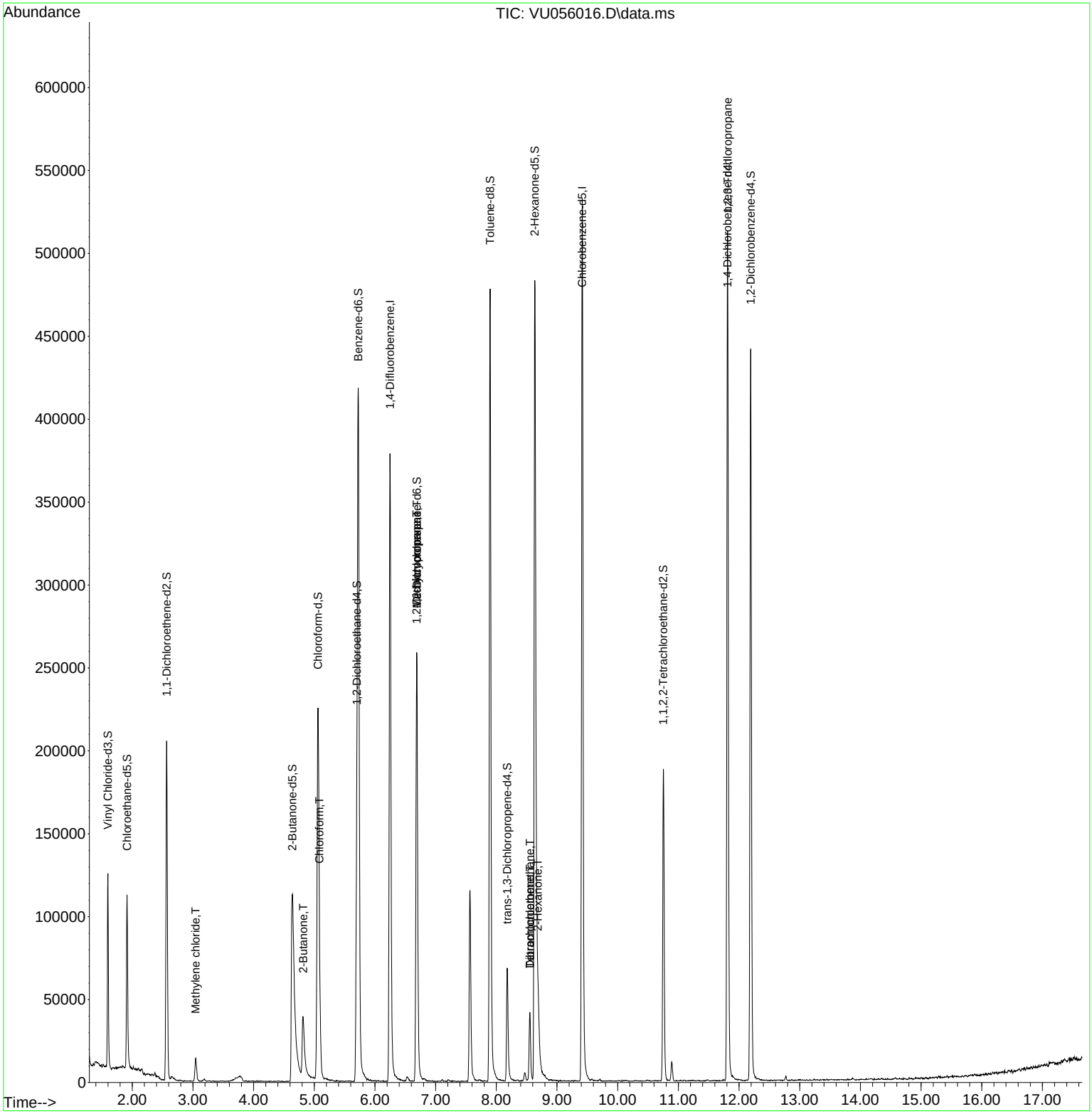
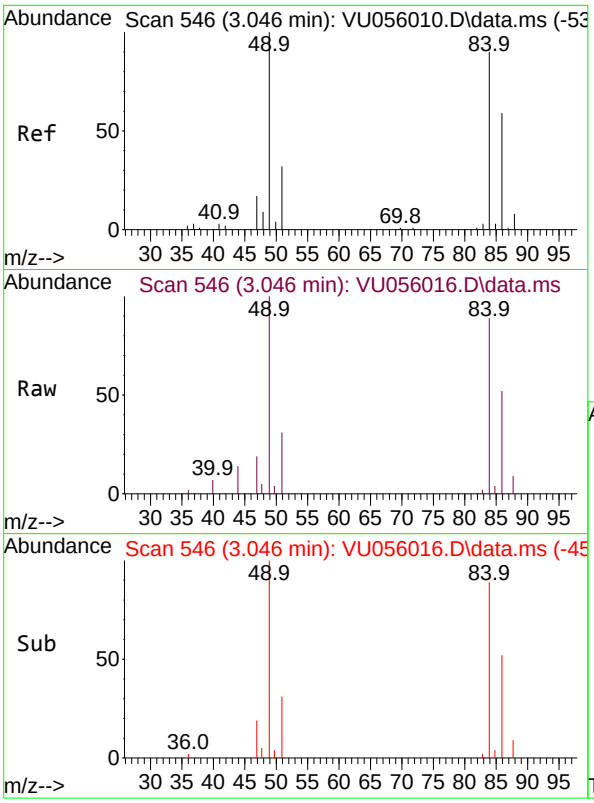


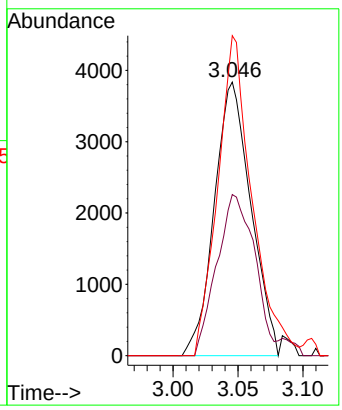


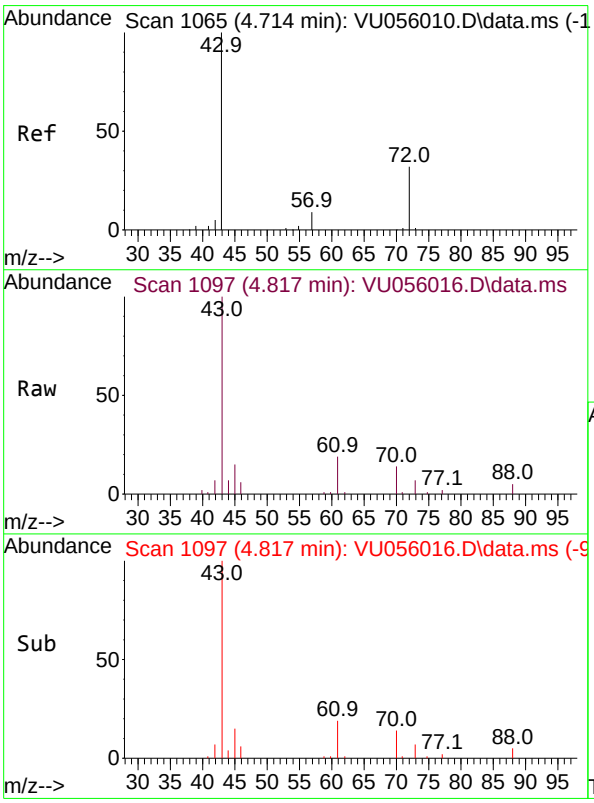
#16
Methylene chloride
Concen: 0.422 ug/L
RT: 3.046 min Scan# 54
Delta R.T. -0.000 min
Lab File: VU056016.D
Acq: 31 Oct 2023 16:17

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 84 Resp: 7510

Ion	Ratio	Lower	Upper
84	100		
86	58.9	45.2	84.0
49	117.0	78.8	146.3

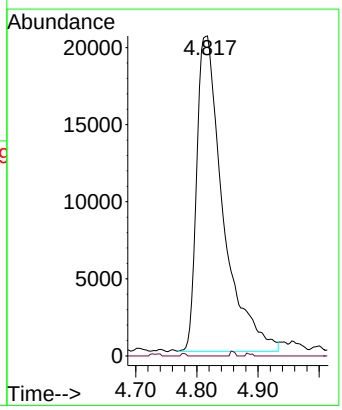


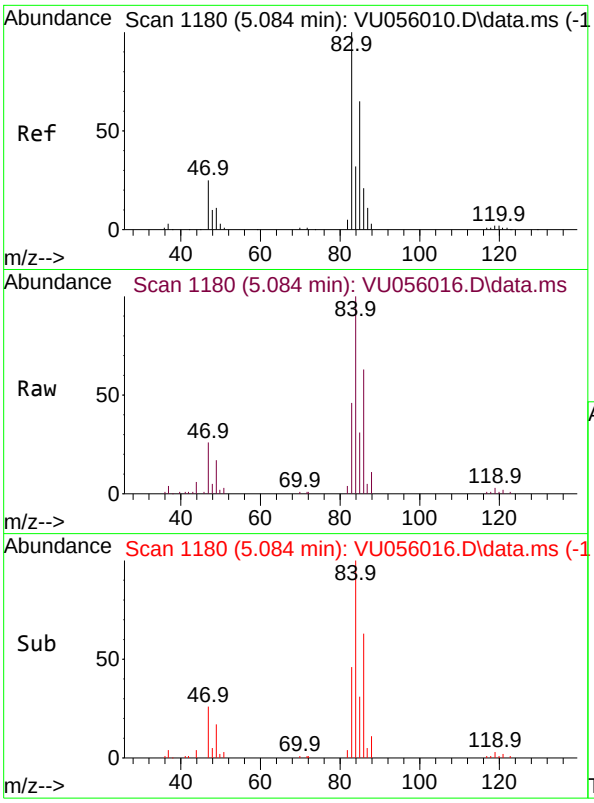


#21
2-Butanone
Concen: 15.946 ug/L
RT: 4.817 min Scan# 1097
Delta R.T. 0.103 min
Lab File: VU056016.D
Acq: 31 Oct 2023 16:17

Tgt Ion: 43 Resp: 61157

Ion	Ratio	Lower	Upper
43	100		
72	0.3	14.4	43.4#



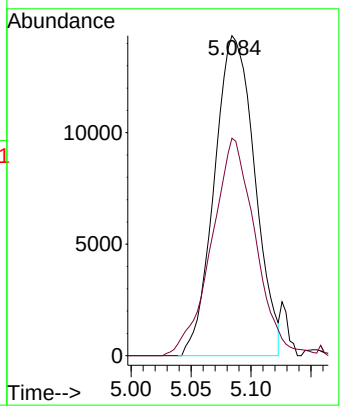


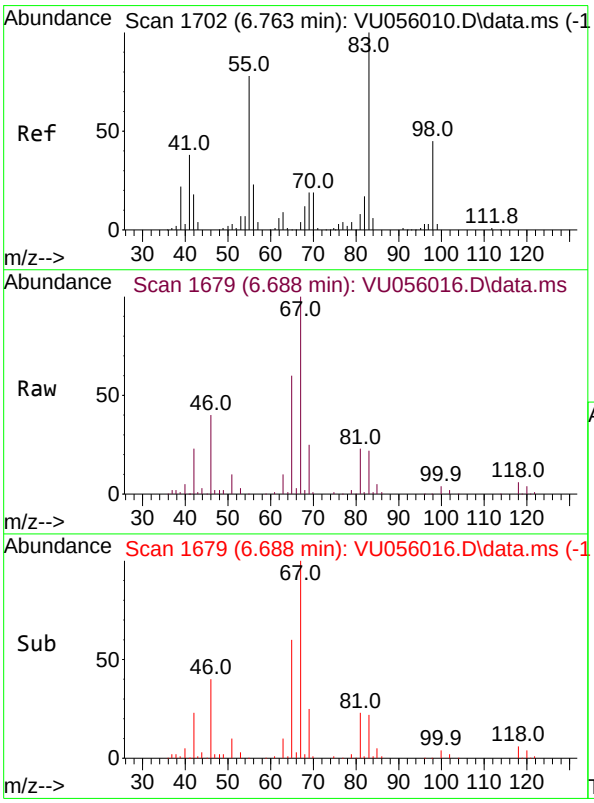
#25
Chloroform
Concen: 0.990 ug/L
RT: 5.084 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU056016.D
Acq: 31 Oct 2023 16:17

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 33618

Ion	Ratio	Lower	Upper
83	100		
85	68.0	45.6	84.8

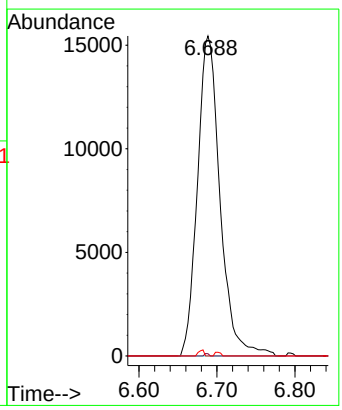


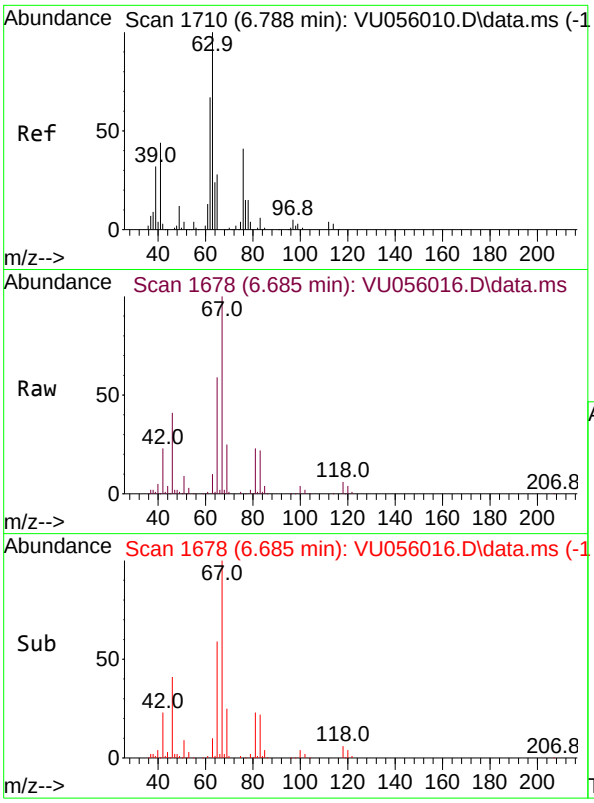


#35
Methylcyclohexane
Concen: 1.150 ug/L
RT: 6.688 min Scan# 1679
Delta R.T. -0.074 min
Lab File: VU056016.D
Acq: 31 Oct 2023 16:17

Tgt Ion: 83 Resp: 31123

Ion	Ratio	Lower	Upper
83	100		
55	0.1	62.4	93.6#
98	0.4	37.4	56.2#



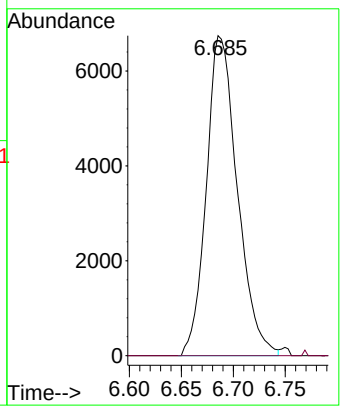


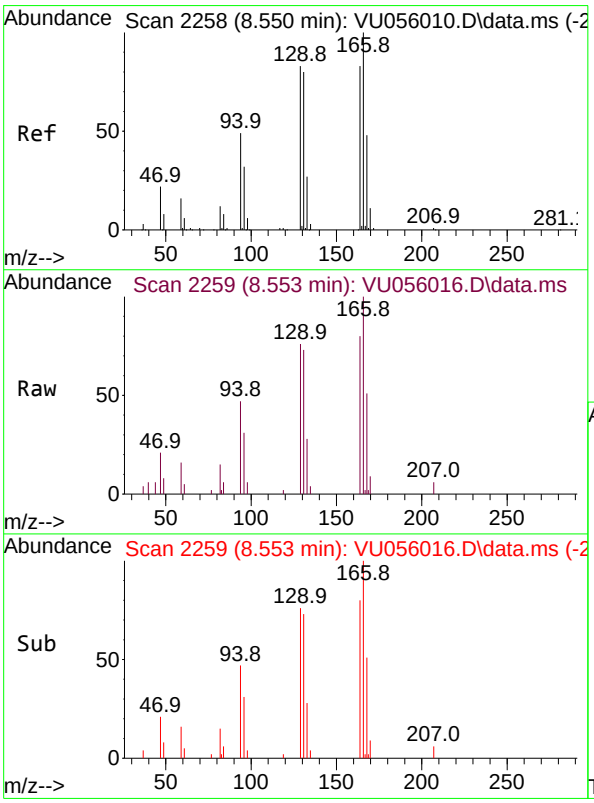
#37
1,2-Dichloropropane
Concen: 0.736 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU056016.D
Acq: 31 Oct 2023 16:17

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 14007

Ion	Ratio	Lower	Upper
63	100		
112	0.2	3.1	4.7#

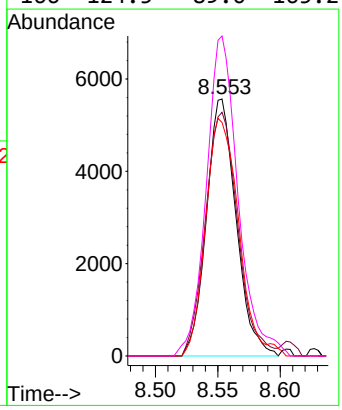


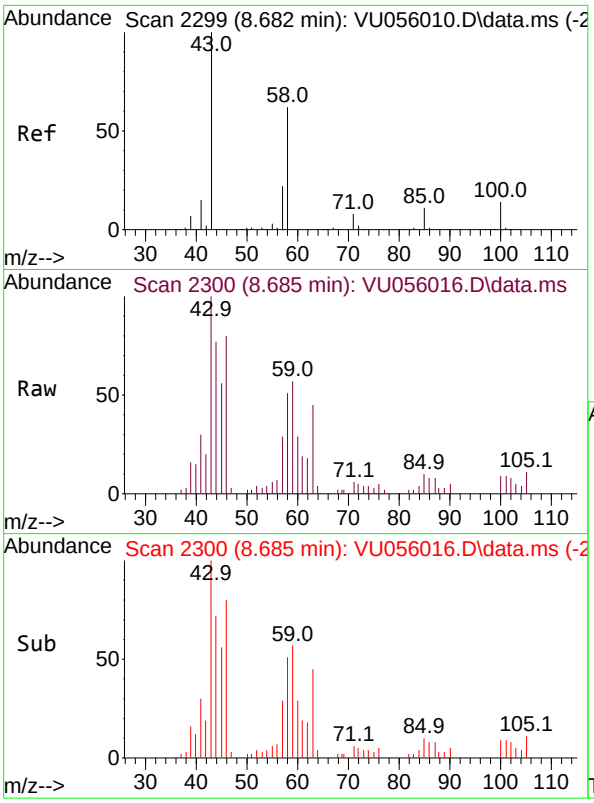


#47
Tetrachloroethene
Concen: 0.657 ug/L
RT: 8.553 min Scan# 2259
Delta R.T. 0.003 min
Lab File: VU056016.D
Acq: 31 Oct 2023 16:17

Tgt Ion:164 Resp: 9233

Ion	Ratio	Lower	Upper
164	100		
129	94.8	72.2	134.0
131	90.8	70.8	131.6
166	124.5	89.0	165.2



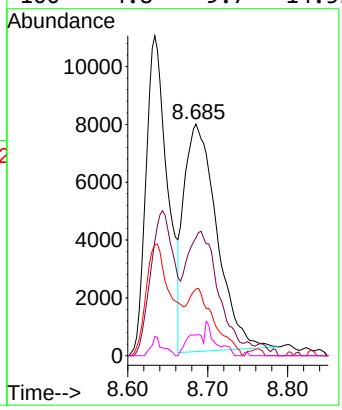


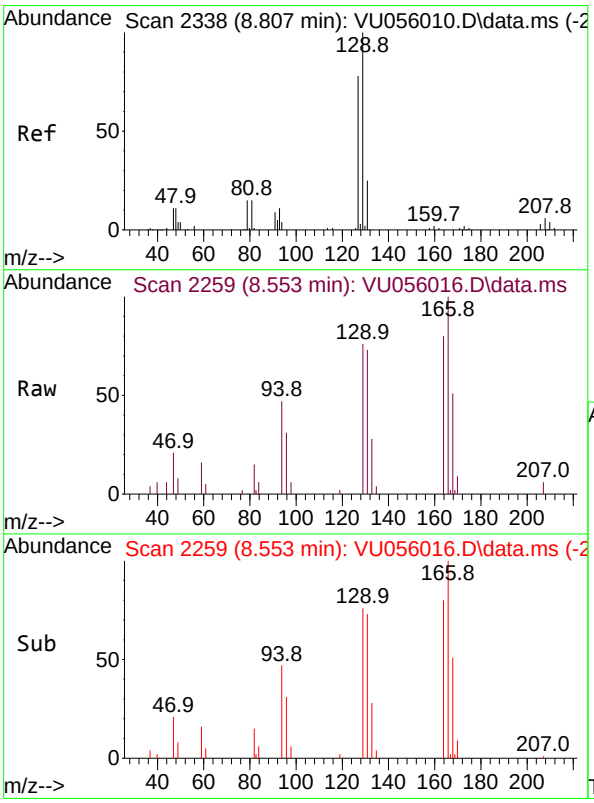
#48
2-Hexanone
Concen: 3.111 ug/L
RT: 8.685 min Scan# 2
Delta R.T. 0.003 min
Lab File: VU056016.D
Acq: 31 Oct 2023 16:17

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 22453

Ion	Ratio	Lower	Upper
43	100		
58	46.7	49.5	74.3#
57	22.8	16.9	25.3
100	4.8	9.7	14.5#

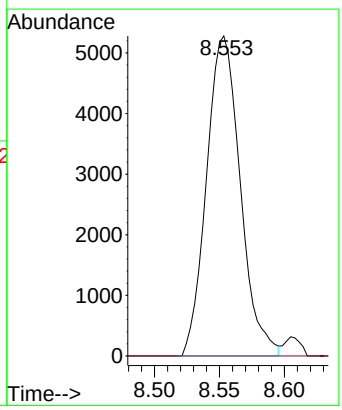


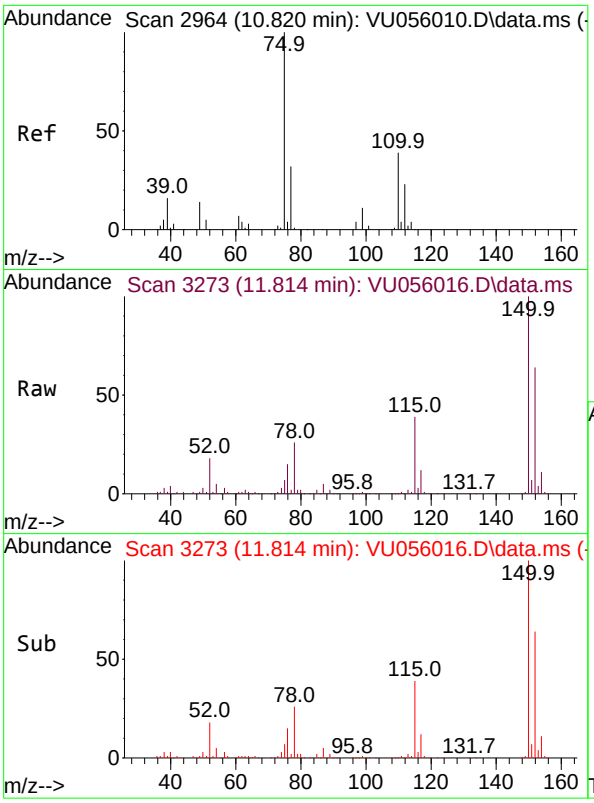


#49
Dibromochloromethane
Concen: 0.649 ug/L
RT: 8.553 min Scan# 2259
Delta R.T. -0.254 min
Lab File: VU056016.D
Acq: 31 Oct 2023 16:17

Tgt Ion:129 Resp: 9545

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.5	99.5#





#61
1,2,3-Trichloropropane
Concen: 1.652 ug/L
RT: 11.814 min Scan# 3
Delta R.T. 0.993 min
Lab File: VU056016.D
Acq: 31 Oct 2023 16:17

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 16810

Ion	Ratio	Lower	Upper
75	100		
110	1.8	29.0	43.6#
77	31.6	24.5	36.7