Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120723\
Data File : VU056683.D
Acq On : 07 Dec 2023 16:04
Operator : MD/SY
Sample : VIBLK
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Dec 08 02:04:07 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 07 04:51:32 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	228155	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	237358	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	103293	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	57187	3.351	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 67.000%			
7) Chloroethane-d5	1.911	69	51603	3.944	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 78.800%			
11) 1,1-Dichloroethene-d2	2.563	65	27378	3.635	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 72.800%			
20) 2-Butanone-d5	4.618	46	198565	58.353	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 116.700%			
24) Chloroform-d	5.058	84	153124	4.639	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.800%			
26) 1,2-Dichloroethane-d4	5.698	65	76990	5.048	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.000%			
32) Benzene-d6	5.721	84	275636	3.898	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 78.000%			
36) 1,2-Dichloropropane-d6	6.685	67	92324	4.332	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 86.600%			
41) Toluene-d8	7.894	98	223565	3.580	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 71.600%			
43) trans-1,3-Dichloroprop...	8.177	79	31169	3.813	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 76.200%			
46) 2-Hexanone-d5	8.631	63	147531	45.927	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 91.860%			
56) 1,1,2,2-Tetrachloroeth...	10.750	84	71934	4.723	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 94.400%			
66) 1,2-Dichlorobenzene-d4	12.190	152	80768	4.233	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 84.600%			
Target Compounds						Qvalue
16) Methylene chloride	3.042	84	5747	0.311	ug/L	87
34) Trichloroethene	6.541	95	14775	0.801	ug/L	97
35) Methylcyclohexane	6.685	83	21929	0.823	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	9848	0.558	ug/L #	89
48) 2-Hexanone	8.631	43	19387	2.842	ug/L #	74
69) 1,3,5-Trichlorobenzene	13.225	180	3943	0.173	ug/L	98
70) 1,2,4-trichlorobenzene	13.846	180	6097	0.328	ug/L	98

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

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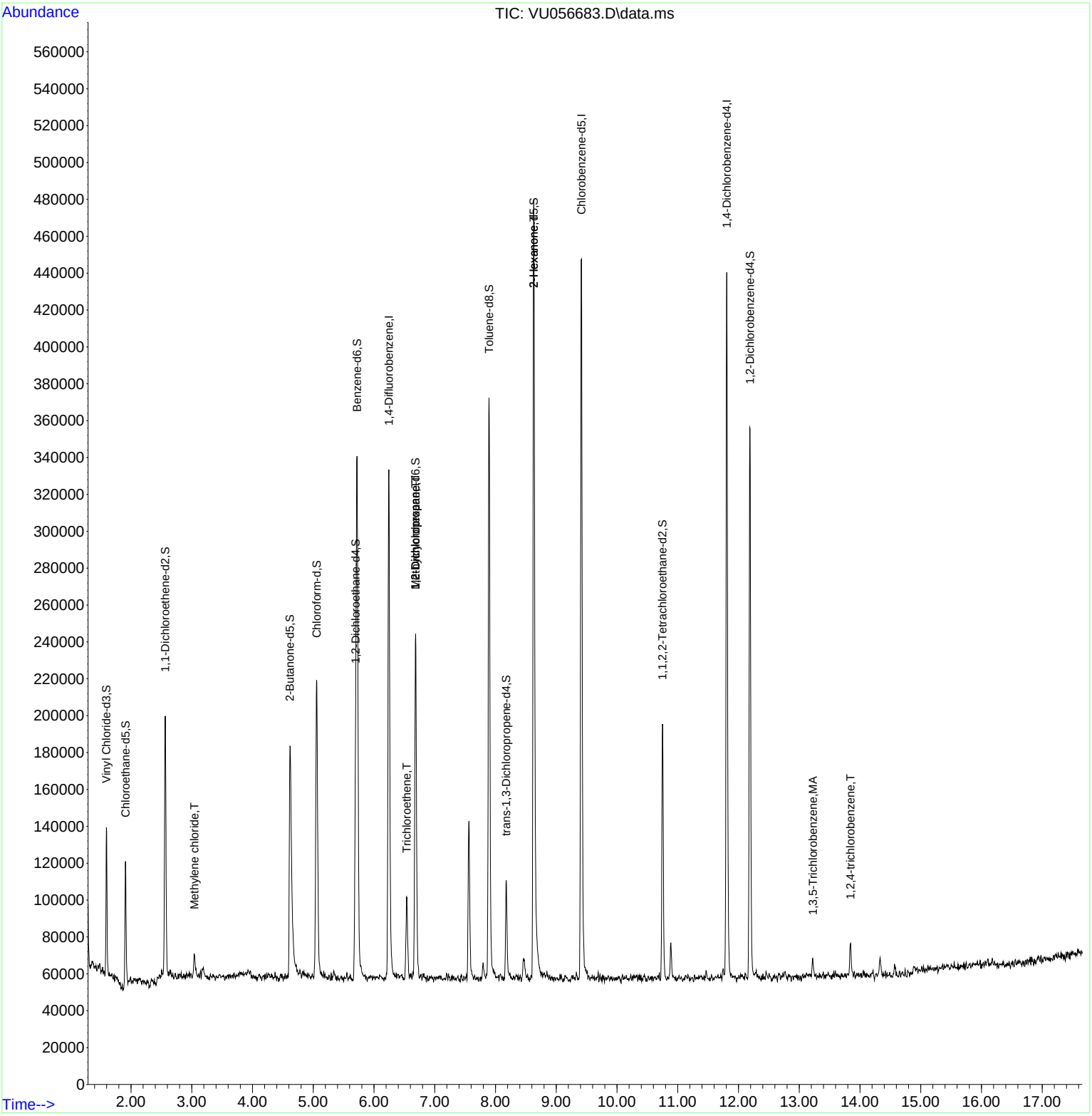
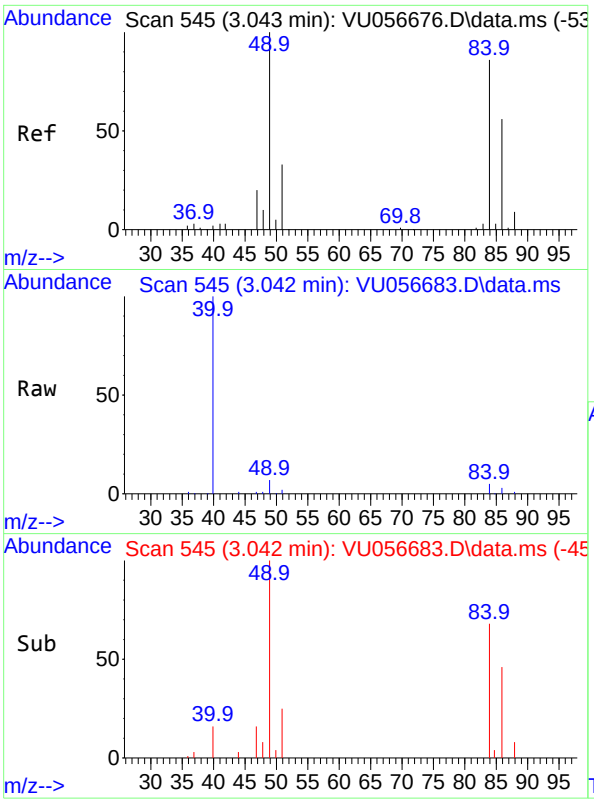


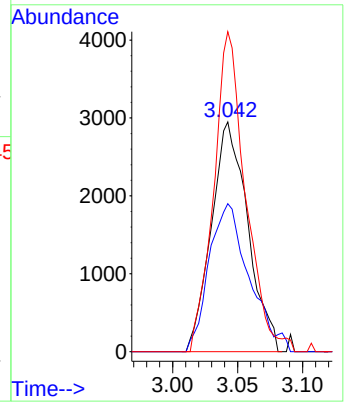


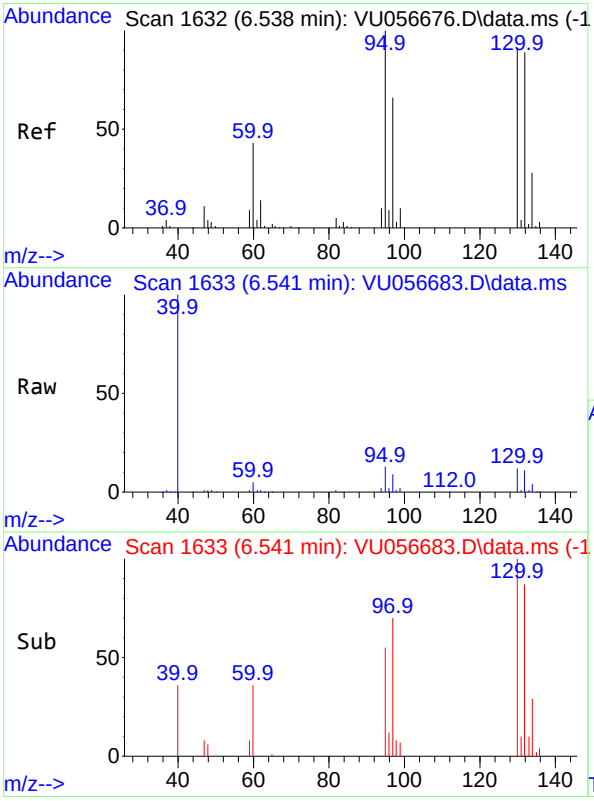
#16
Methylene chloride
Concen: 0.311 ug/L
RT: 3.042 min Scan# 54
Delta R.T. 0.000 min
Lab File: VU056683.D
Acq: 07 Dec 2023 16:04

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 84 Resp: 5747

Ion	Ratio	Lower	Upper
84	100		
86	64.5	44.7	83.1
49	139.3	81.8	152.0

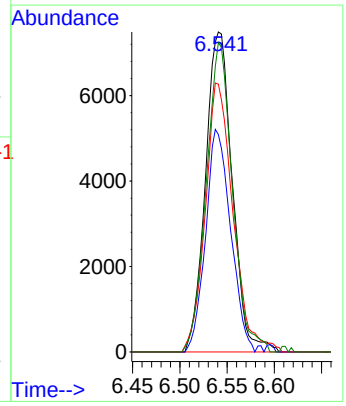


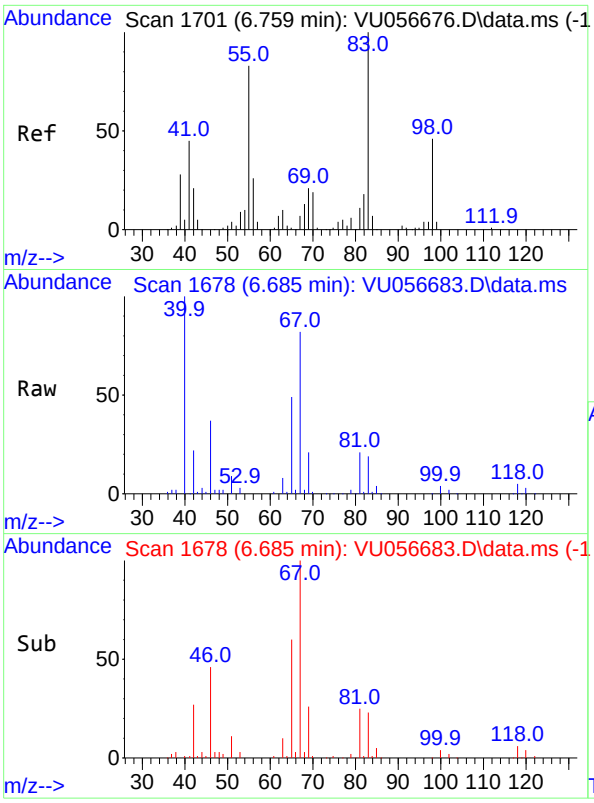


#34
Trichloroethene
Concen: 0.801 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. 0.003 min
Lab File: VU056683.D
Acq: 07 Dec 2023 16:04

Tgt Ion: 95 Resp: 14775

Ion	Ratio	Lower	Upper
95	100		
97	68.0	46.5	86.3
132	83.7	62.0	115.2
130	96.6	66.3	123.1



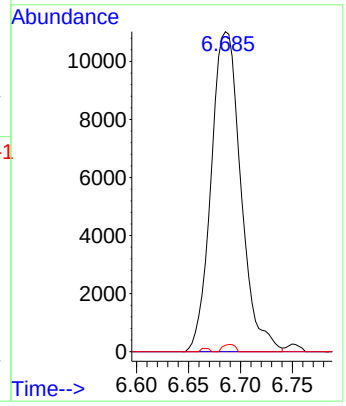


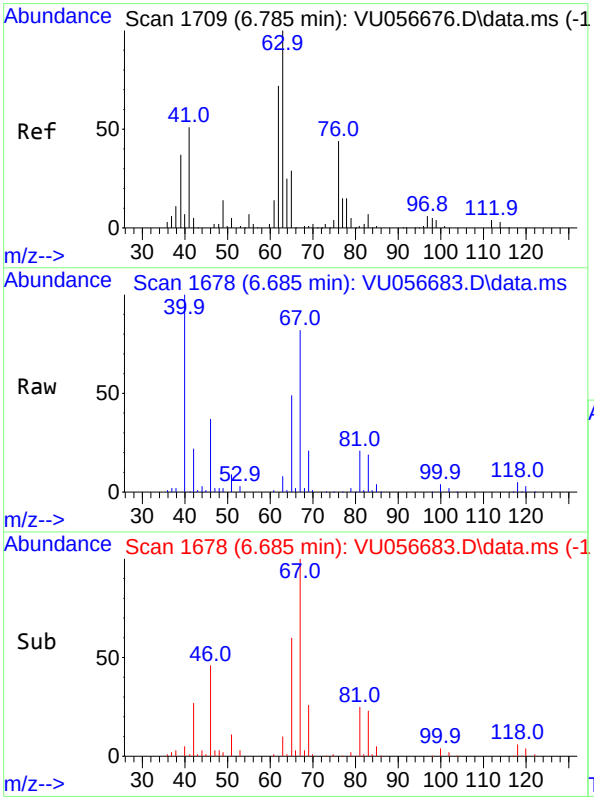
#35
Methylcyclohexane
Concen: 0.823 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.074 min
Lab File: VU056683.D
Acq: 07 Dec 2023 16:04

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 21929

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.9	94.3#
98	0.9	35.3	52.9#

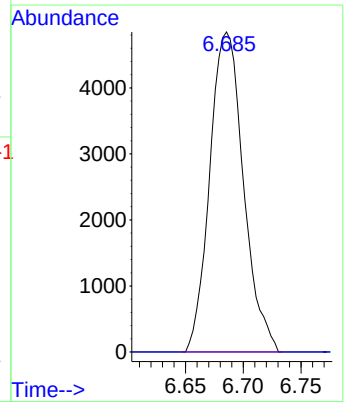


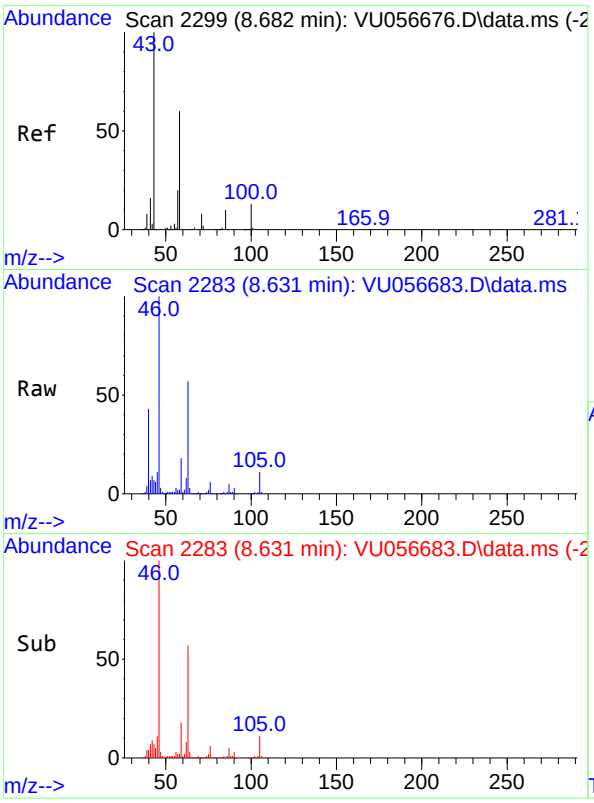


#37
1,2-Dichloropropane
Concen: 0.558 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.100 min
Lab File: VU056683.D
Acq: 07 Dec 2023 16:04

Tgt Ion: 63 Resp: 9848

Ion	Ratio	Lower	Upper
63	100		
112	0.4	3.2	4.8#



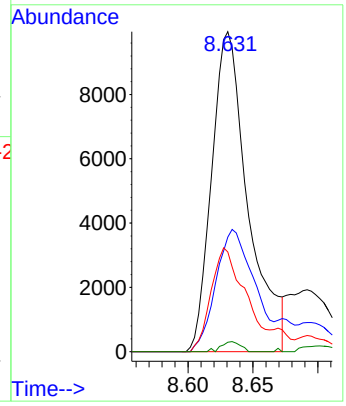


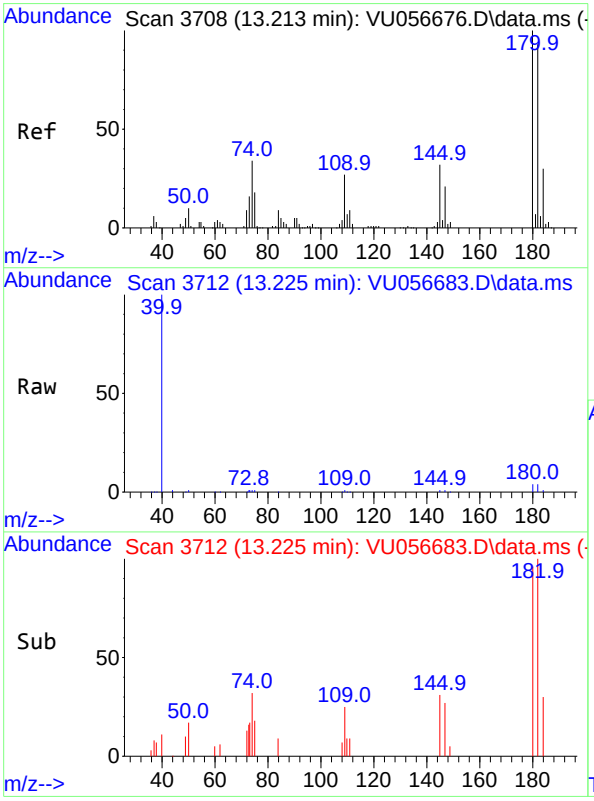
#48
2-Hexanone
Concen: 2.842 ug/L
RT: 8.631 min Scan# 2
Delta R.T. -0.048 min
Lab File: VU056683.D
Acq: 07 Dec 2023 16:04

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 19387

Ion	Ratio	Lower	Upper
43	100		
58	40.3	48.7	73.1#
57	30.9	16.8	25.2#
100	1.7	9.9	14.9#

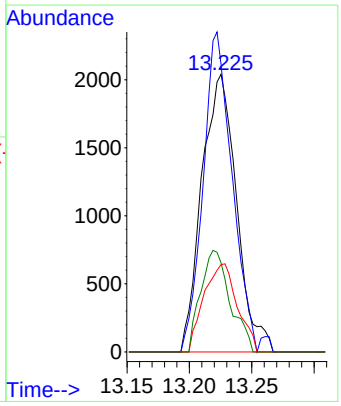


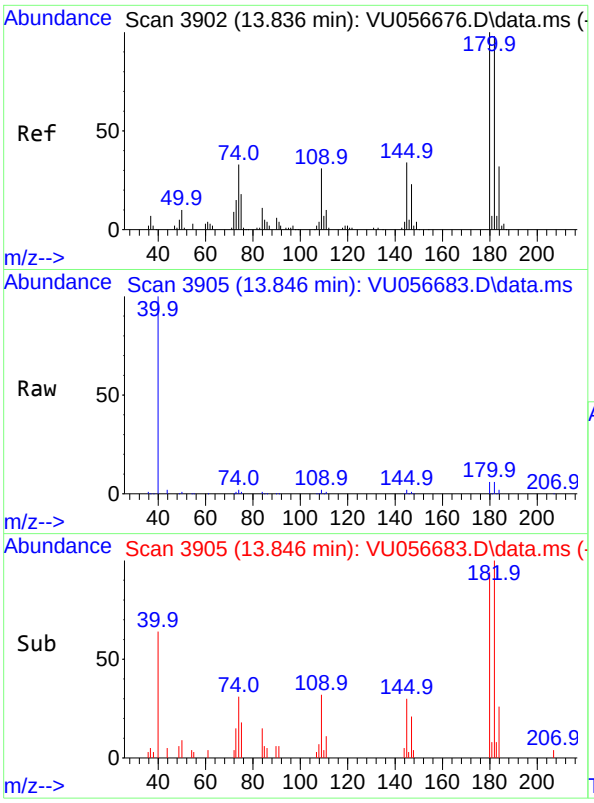


#69
1,3,5-Trichlorobenzene
Concen: 0.173 ug/L
RT: 13.225 min Scan# 3712
Delta R.T. 0.010 min
Lab File: VU056683.D
Acq: 07 Dec 2023 16:04

Tgt Ion:180 Resp: 3943

Ion	Ratio	Lower	Upper
180	100		
182	96.4	75.1	112.7
184	30.5	23.5	35.3
145	31.1	25.4	38.0





#70
1,2,4-trichlorobenzene
Concen: 0.328 ug/L
RT: 13.846 min Scan# 3
Delta R.T. 0.010 min
Lab File: VU056683.D
Acq: 07 Dec 2023 16:04

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:180 Resp: 6097

Ion	Ratio	Lower	Upper
180	100		
182	97.4	75.4	113.2
145	33.5	26.8	40.2