Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121223\
Data File : VU056805.D
Acq On : 13 Dec 2023 00:11
Operator : MD/SY
Sample : 05675-07DL 4X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0AB0DL

Quant Time: Dec 13 04:59:10 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	230800	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	230634	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	99290	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	77645	3.925	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 78.400%			
7) Chloroethane-d5	1.911	69	71744	4.846	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.000%			
11) 1,1-Dichloroethene-d2	2.563	65	36576	4.321	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 86.400%			
20) 2-Butanone-d5	4.634	46	209398	53.597	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 107.200%			
24) Chloroform-d	5.055	84	178529	4.766	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.400%			
26) 1,2-Dichloroethane-d4	5.695	65	89508	5.049	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.000%			
32) Benzene-d6	5.721	84	346277	4.841	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.800%			
36) 1,2-Dichloropropane-d6	6.685	67	109833	4.905	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.200%			
41) Toluene-d8	7.894	98	286621	4.483	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.600%			
43) trans-1,3-Dichloroprop...	8.174	79	37849	4.359	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.200%			
46) 2-Hexanone-d5	8.631	63	160167	48.907	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 97.820%			
56) 1,1,2,2-Tetrachloroeth...	10.753	84	81461	5.028	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.600%			
66) 1,2-Dichlorobenzene-d4	12.187	152	99130	5.079	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.600%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.576	96	5935	0.317	ug/L #	1
17) Methyl tert-butyl Ether	3.361	73	5303	0.128	ug/L #	70
22) cis-1,2-Dichloroethene	4.660	96	4439	0.215	ug/L	92
34) Trichloroethene	6.537	95	51506	2.317	ug/L	93
35) Methylcyclohexane	6.685	83	24761	0.755	ug/L #	17
37) 1,2-Dichloropropane	6.682	63	11911	0.574	ug/L #	88
47) Tetrachloroethene	8.547	164	83316	5.354	ug/L	97
48) 2-Hexanone	8.685	43	6932	0.989	ug/L #	86
49) Dibromochloromethane	8.547	129	86473	5.367	ug/L #	11

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

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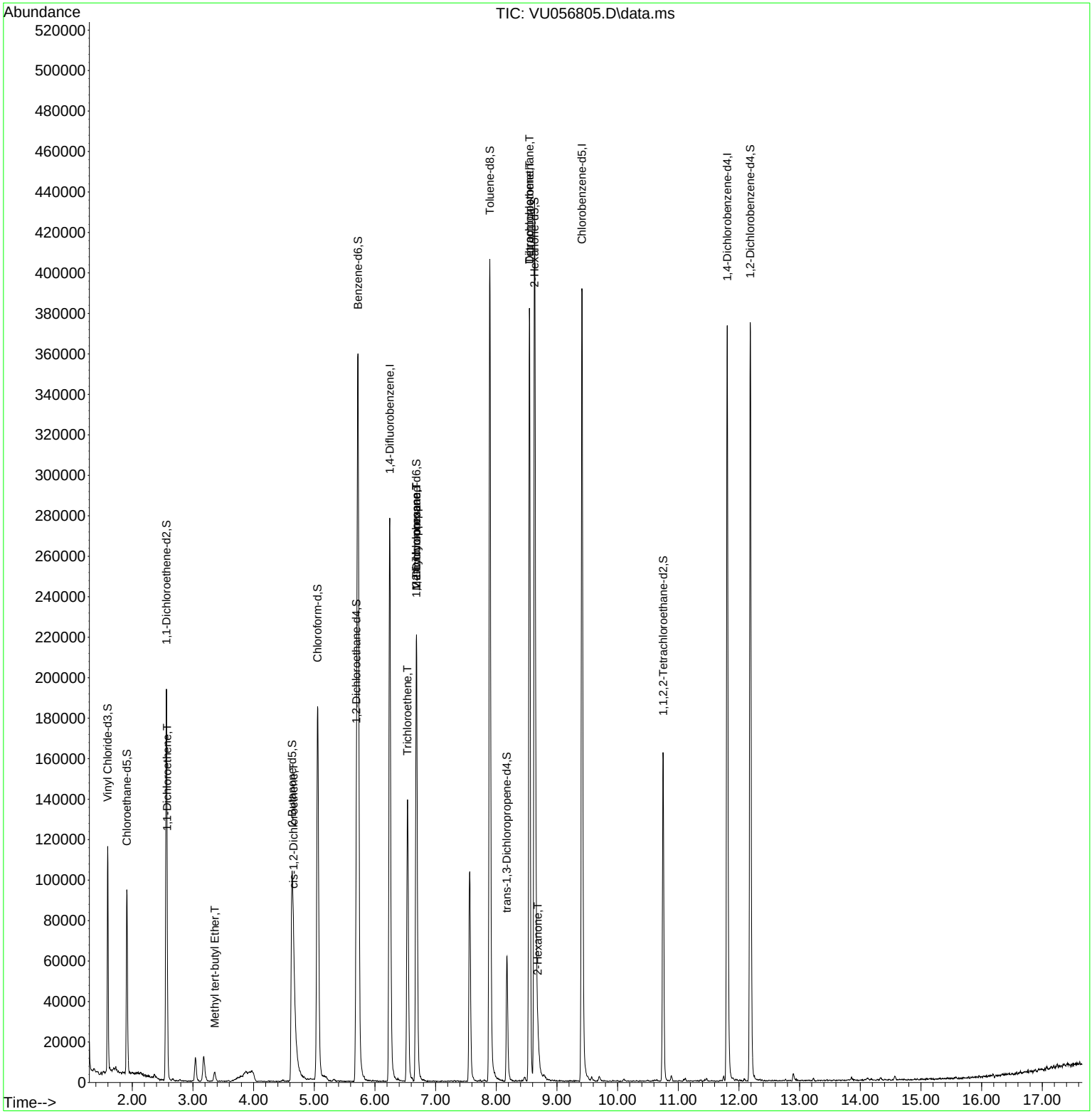
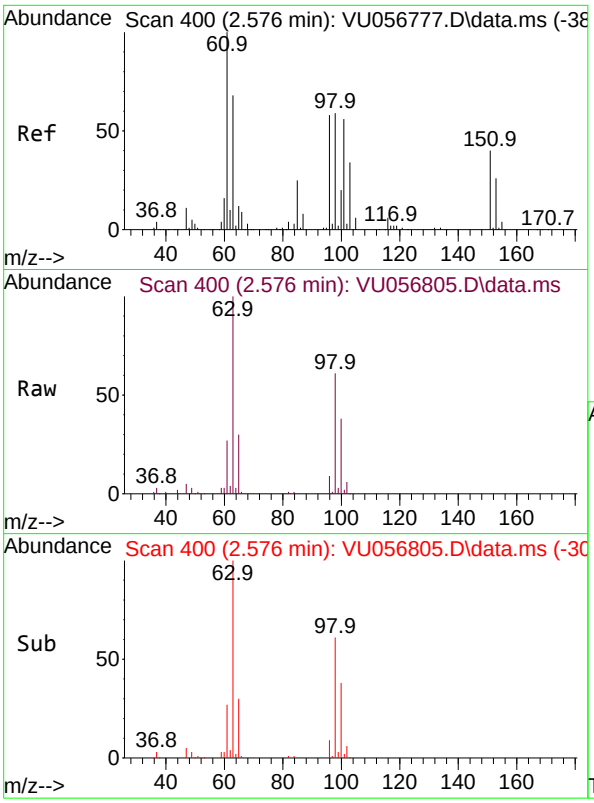
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Dec 13 01:32:29 2023
Response via : Initial Calibration



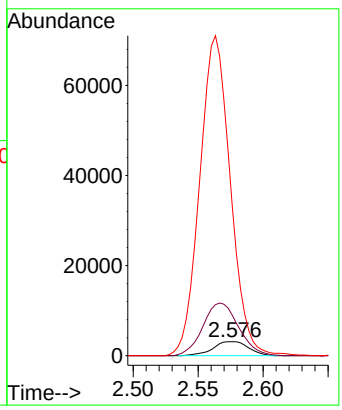


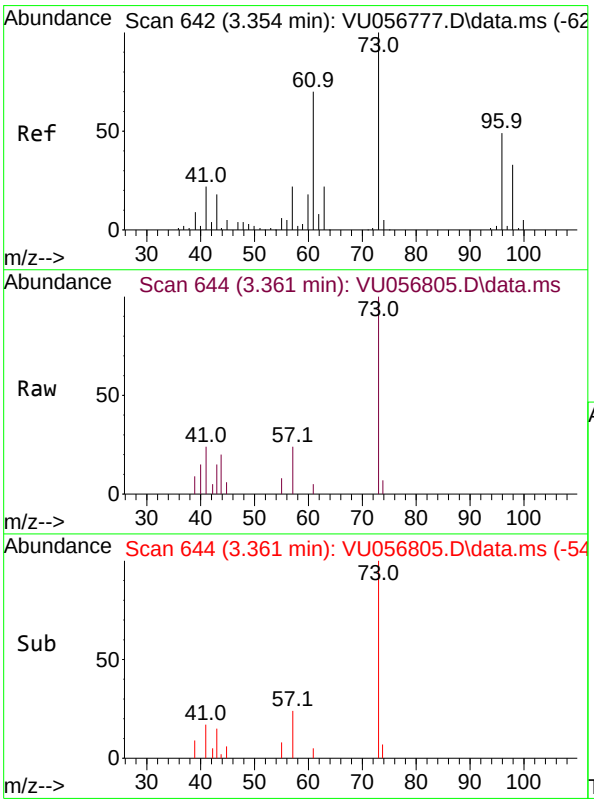
#12
1,1-Dichloroethene
Concen: 0.317 ug/L
RT: 2.576 min Scan# 4(
Delta R.T. 0.000 min
Lab File: VU056805.D
Acq: 13 Dec 2023 00:11

Instrument :
MSVOA_U
ClientSampleId :
H0AB0DL

Tgt Ion: 96 Resp: 5935

Ion	Ratio	Lower	Upper
96	100		
61	289.5	119.0	221.0#
63	1069.1	88.7	164.7#

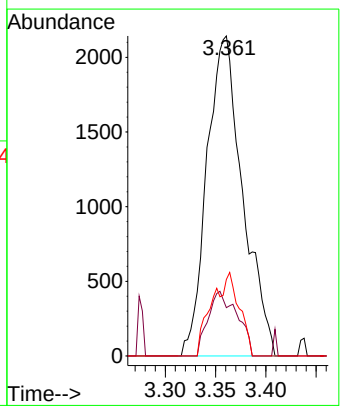


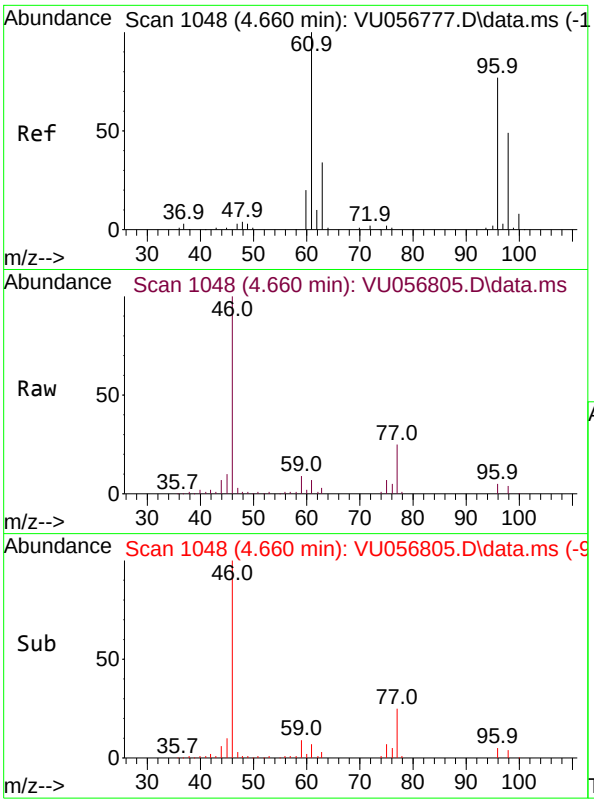


#17
Methyl tert-butyl Ether
Concen: 0.128 ug/L
RT: 3.361 min Scan# 644
Delta R.T. 0.006 min
Lab File: VU056805.D
Acq: 13 Dec 2023 00:11

Tgt Ion: 73 Resp: 5303

Ion	Ratio	Lower	Upper
73	100		
43	0.7	14.4	21.6#
57	11.8	17.8	26.8#



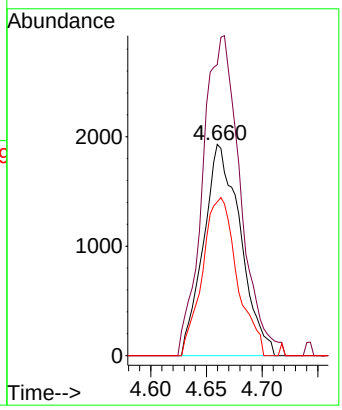


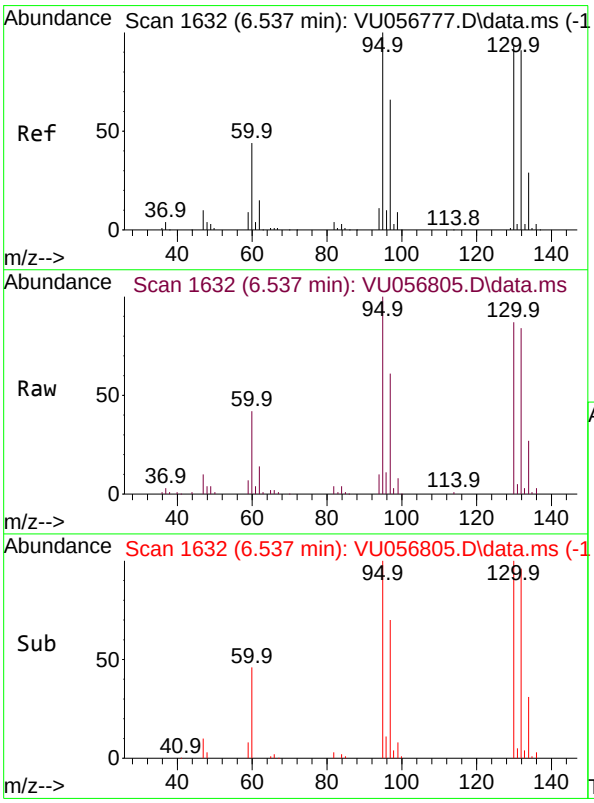
#22
cis-1,2-Dichloroethene
Concen: 0.215 ug/L
RT: 4.660 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU056805.D
Acq: 13 Dec 2023 00:11

Instrument :
MSVOA_U
ClientSampleId :
H0AB0DL

Tgt Ion: 96 Resp: 4439

Ion	Ratio	Lower	Upper
96	100		
61	137.7	91.3	169.6
98	72.8	44.2	82.0

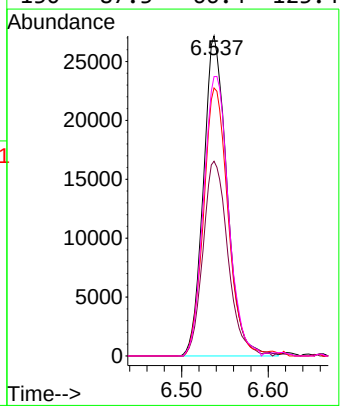


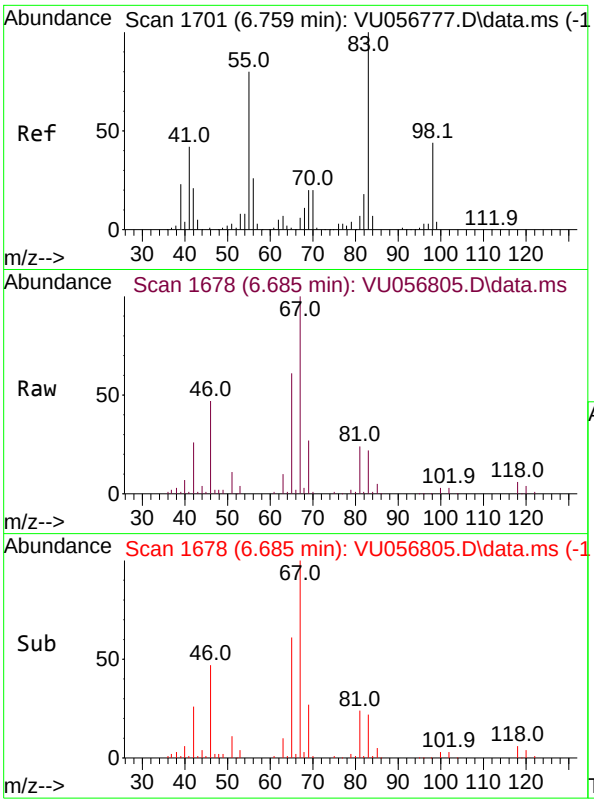


#34
Trichloroethene
Concen: 2.317 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VU056805.D
Acq: 13 Dec 2023 00:11

Tgt Ion: 95 Resp: 51506

Ion	Ratio	Lower	Upper
95	100		
97	60.8	46.1	85.5
132	83.7	63.6	118.0
130	87.3	66.4	123.4



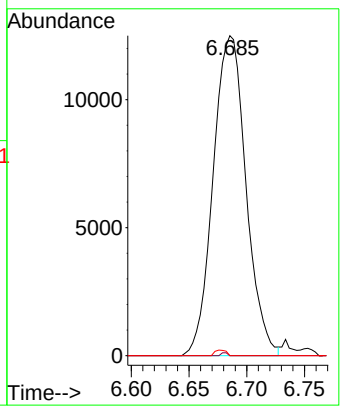


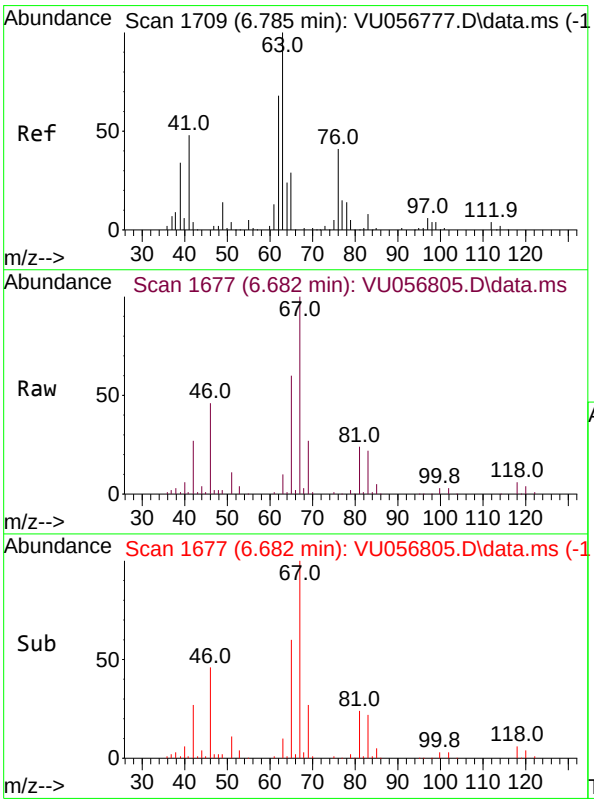
#35
Methylcyclohexane
Concen: 0.755 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.071 min
Lab File: VU056805.D
Acq: 13 Dec 2023 00:11

Instrument :
MSVOA_U
ClientSampleId :
H0AB0DL

Tgt Ion: 83 Resp: 24761

Ion	Ratio	Lower	Upper
83	100		
55	0.2	64.6	97.0#
98	0.6	36.1	54.1#

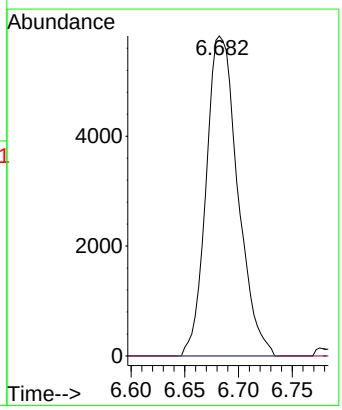


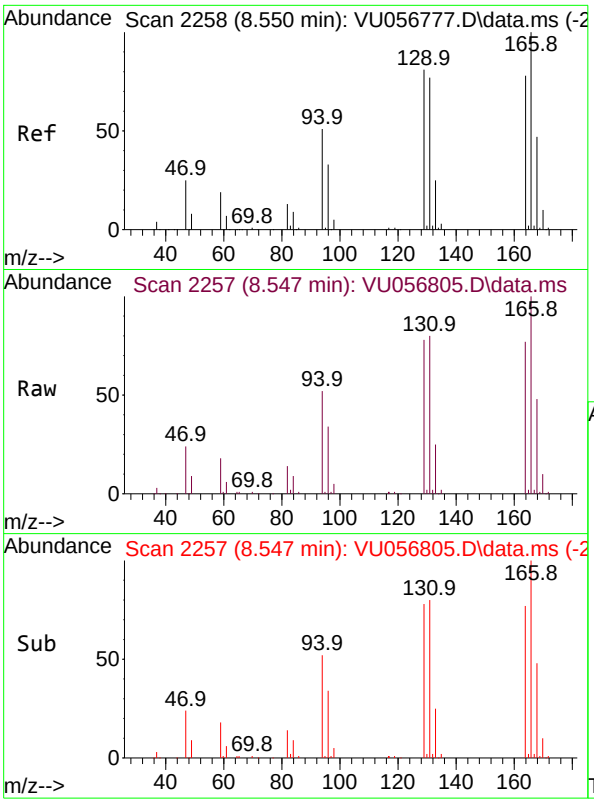


#37
1,2-Dichloropropane
Concen: 0.574 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.103 min
Lab File: VU056805.D
Acq: 13 Dec 2023 00:11

Tgt Ion: 63 Resp: 11911

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.3	4.9#



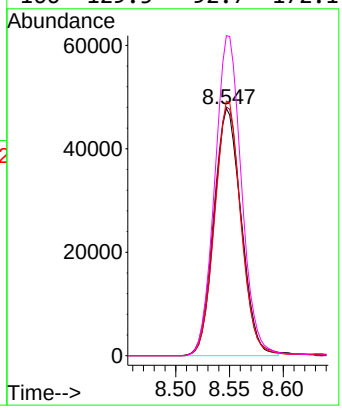


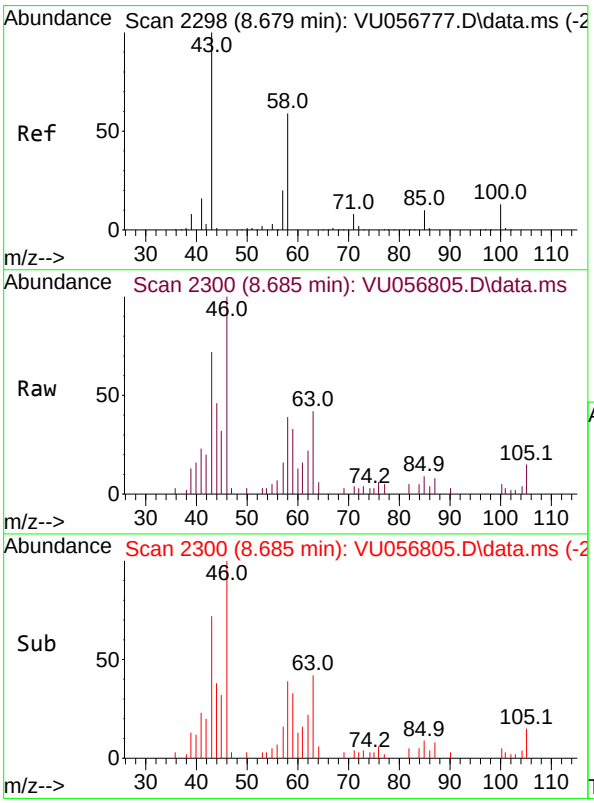
#47
Tetrachloroethene
Concen: 5.354 ug/L
RT: 8.547 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU056805.D
Acq: 13 Dec 2023 00:11

Instrument :
MSVOA_U
ClientSampleId :
H0AB0DL

Tgt Ion:164 Resp: 83316

Ion	Ratio	Lower	Upper
164	100		
129	100.6	73.4	136.4
131	103.0	71.5	132.9
166	129.5	92.7	172.1

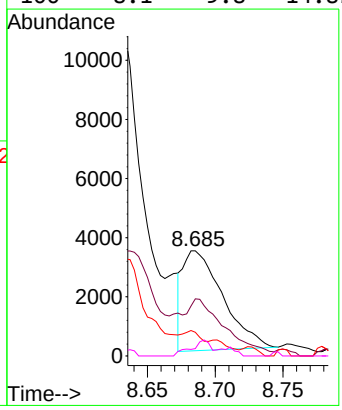


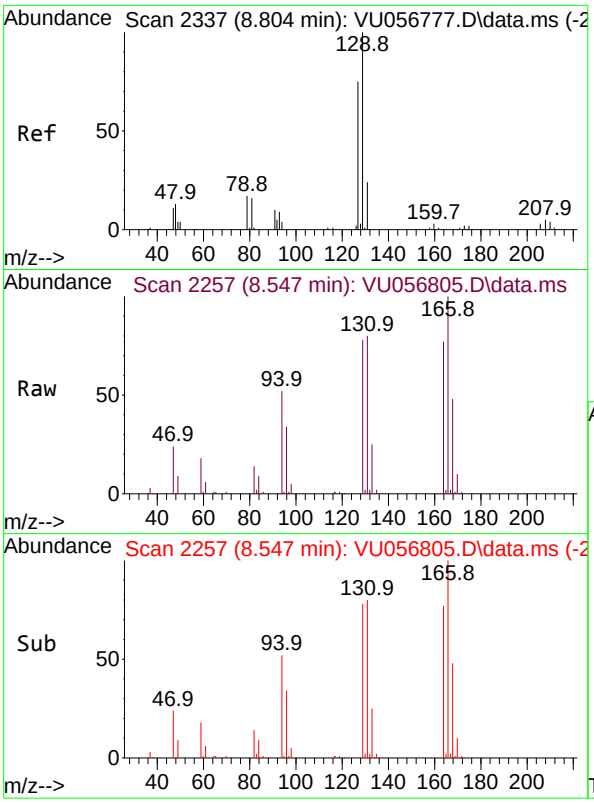


#48
2-Hexanone
Concen: 0.989 ug/L
RT: 8.685 min Scan# 2300
Delta R.T. 0.006 min
Lab File: VU056805.D
Acq: 13 Dec 2023 00:11

Tgt Ion: 43 Resp: 6932

Ion	Ratio	Lower	Upper
43	100		
58	53.8	47.5	71.3
57	4.9	17.0	25.4#
100	8.1	9.8	14.8#





#49
Dibromochloromethane
Concen: 5.367 ug/L
RT: 8.547 min Scan# 2
Delta R.T. -0.257 min
Lab File: VU056805.D
Acq: 13 Dec 2023 00:11

Instrument :
MSVOA_U
ClientSampleId :
H0AB0DL

Tgt Ion:129 Resp: 86473

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.9	100.1#