Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100223\
Data File : VU055621.D
Acq On : 02 Oct 2023 22:35
Operator : MD/SY
Sample : 04679-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Oct 03 06:24:29 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Oct 03 06:03:59 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	159299	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	163443	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	80031	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	59328	3.685	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 73.600%			
7) Chloroethane-d5	1.914	69	58936	4.154	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 83.000%			
11) 1,1-Dichloroethene-d2	2.566	65	23857	3.600	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 72.000%			
20) 2-Butanone-d5	4.634	46	158741	54.586	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 109.180%			
24) Chloroform-d	5.058	84	131250	4.507	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.200%			
26) 1,2-Dichloroethane-d4	5.701	65	66984	4.782	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.600%			
32) Benzene-d6	5.724	84	240381	4.205	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.000%			
36) 1,2-Dichloropropane-d6	6.689	67	79881	4.677	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.600%			
41) Toluene-d8	7.897	98	198771	3.815	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 76.200%			
43) trans-1,3-Dichloroprop...	8.180	79	25825	4.308	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.200%			
46) 2-Hexanone-d5	8.634	63	82661	45.336	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 90.680%			
56) 1,1,2,2-Tetrachloroeth...	10.753	84	62838	4.909	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.200%			
66) 1,2-Dichlorobenzene-d4	12.190	152	72107	4.464	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 89.200%			
Target Compounds						Qvalue
3) Chloromethane	1.518	50	2502	0.183	ug/L	83
16) Methylene chloride	3.042	84	5197	0.389	ug/L	95
35) Methylcyclohexane	6.689	83	19289	1.006	ug/L #	21
37) 1,2-Dichloropropane	6.685	63	8422	0.685	ug/L #	90
48) 2-Hexanone	8.682	43	20170	4.663	ug/L #	83
69) 1,3,5-Trichlorobenzene	13.839	180	32196	2.117	ug/L	99
70) 1,2,4-trichlorobenzene	13.839	180	32141	2.772	ug/L	98
72) 1,2,3-Trichlorobenzene	14.328	180	6516	0.646	ug/L	97

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

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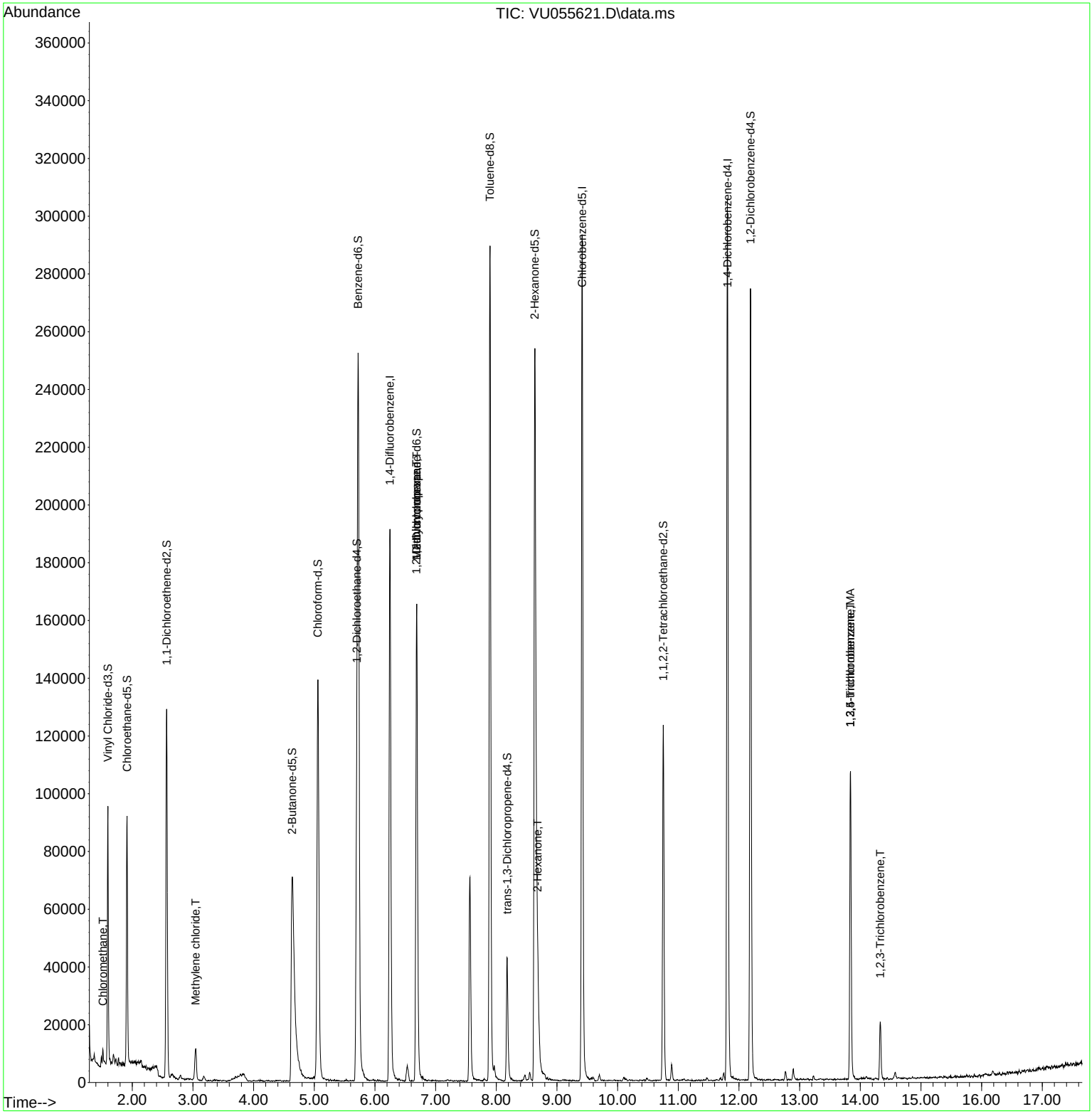
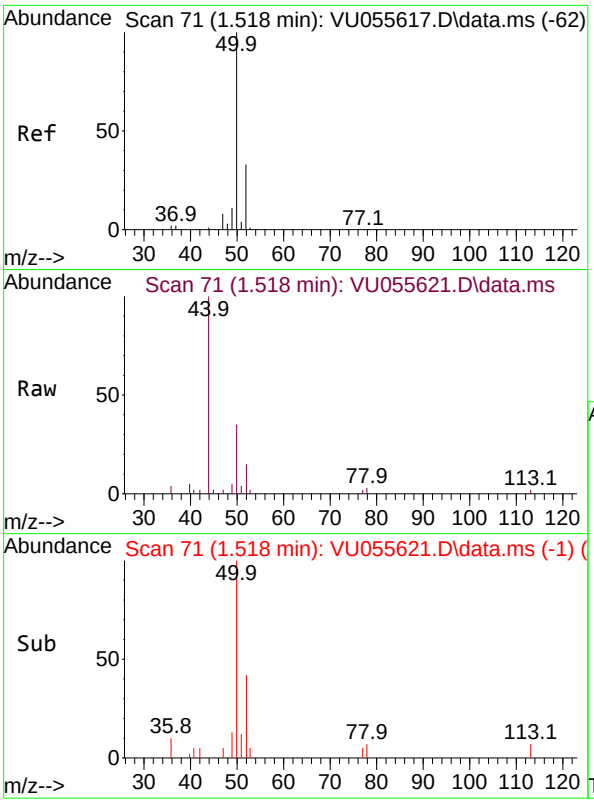


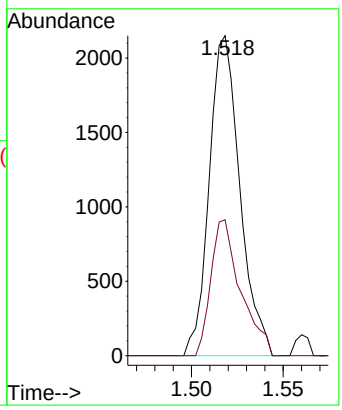


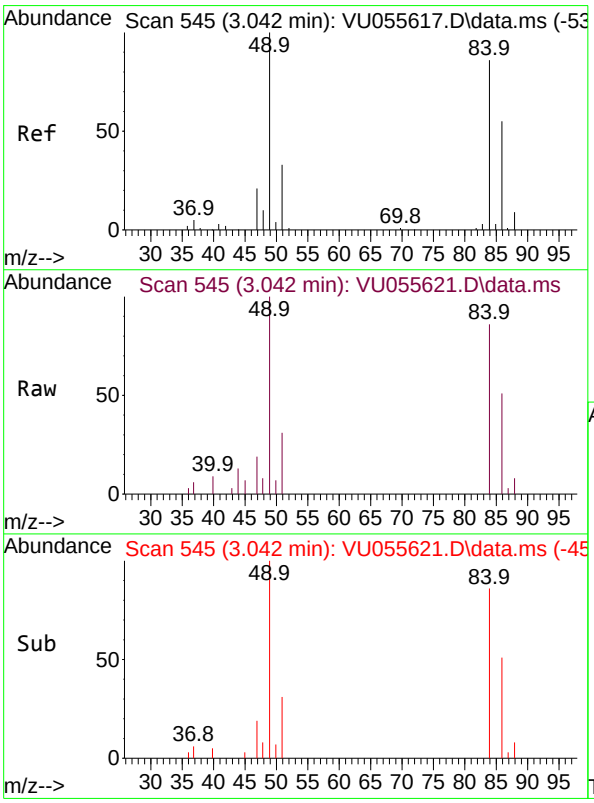
#3
Chloromethane
Concen: 0.183 ug/L
RT: 1.518 min Scan# 7
Delta R.T. -0.000 min
Lab File: VU055621.D
Acq: 02 Oct 2023 22:35

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 50 Resp: 2502

Ion	Ratio	Lower	Upper
50	100		
52	42.5	22.9	42.5

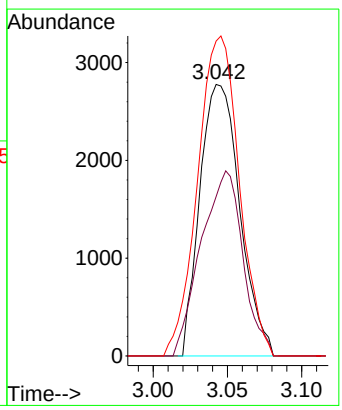


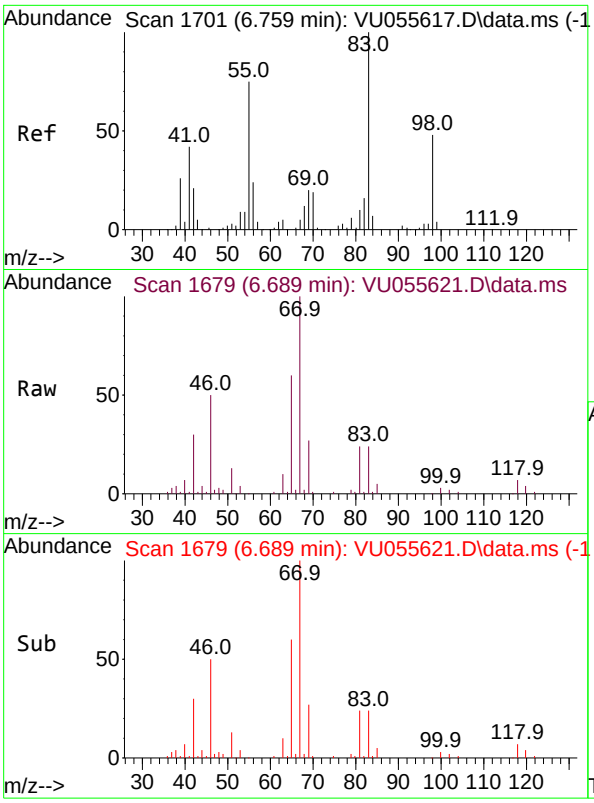


#16
Methylene chloride
Concen: 0.389 ug/L
RT: 3.042 min Scan# 545
Delta R.T. -0.000 min
Lab File: VU055621.D
Acq: 02 Oct 2023 22:35

Tgt Ion: 84 Resp: 5197

Ion	Ratio	Lower	Upper
84	100		
86	58.7	44.9	83.3
49	116.0	78.8	146.3



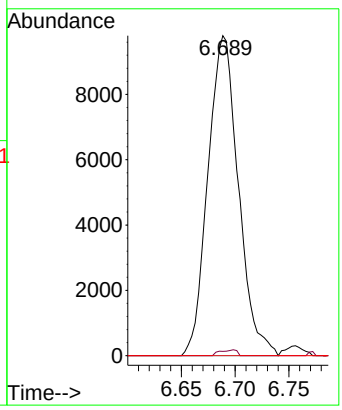


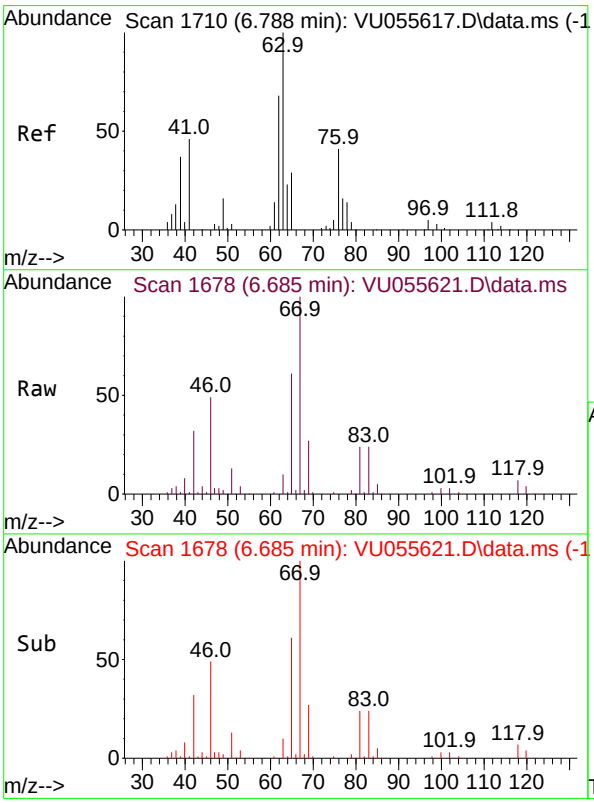
#35
Methylcyclohexane
Concen: 1.006 ug/L
RT: 6.689 min Scan# 1
Delta R.T. -0.071 min
Lab File: VU055621.D
Acq: 02 Oct 2023 22:35

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 19289

Ion	Ratio	Lower	Upper
83	100		
55	1.0	59.1	88.7#
98	0.9	36.3	54.5#

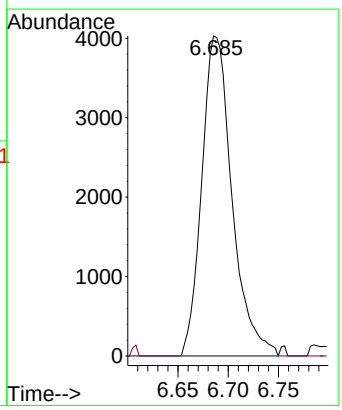


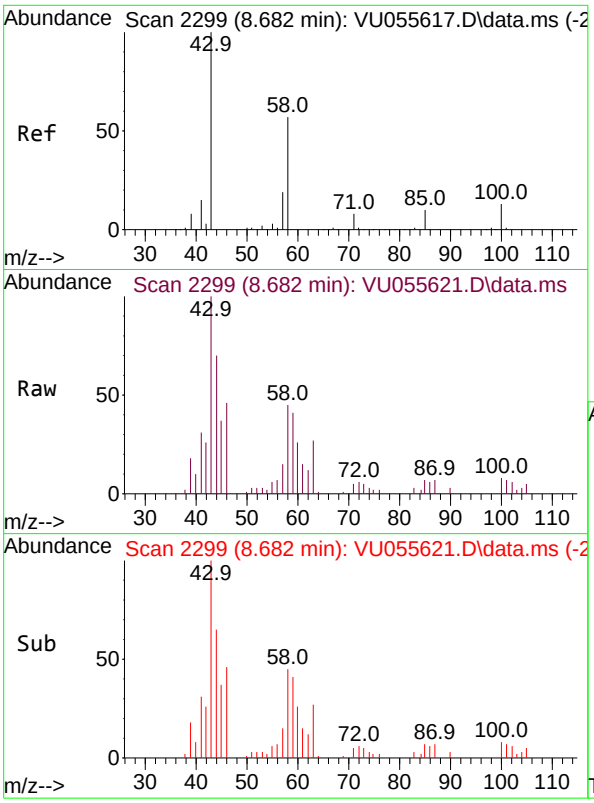


#37
1,2-Dichloropropane
Concen: 0.685 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.103 min
Lab File: VU055621.D
Acq: 02 Oct 2023 22:35

Tgt Ion: 63 Resp: 8422

Ion	Ratio	Lower	Upper
63	100		
112	0.5	3.0	4.6#



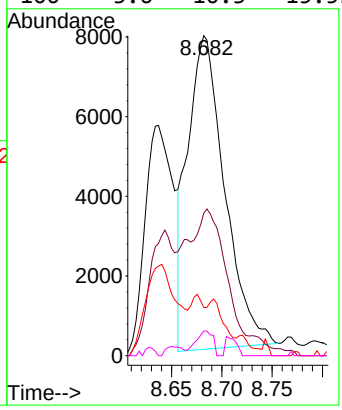


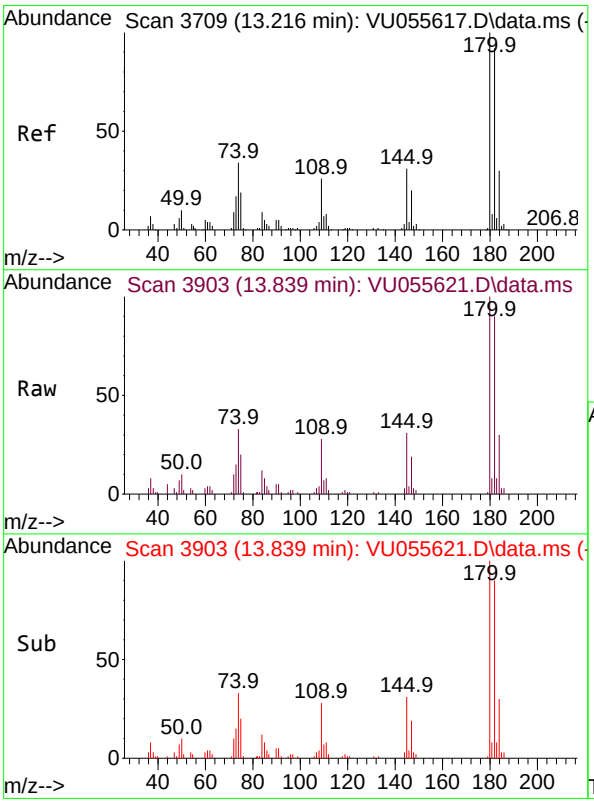
#48
2-Hexanone
Concen: 4.663 ug/L
RT: 8.682 min Scan# 2
Delta R.T. -0.000 min
Lab File: VU055621.D
Acq: 02 Oct 2023 22:35

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 20170

Ion	Ratio	Lower	Upper
43	100		
58	53.2	48.5	72.7
57	4.4	17.0	25.4#
100	3.6	10.3	15.5#

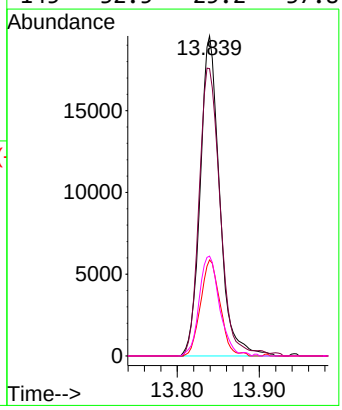


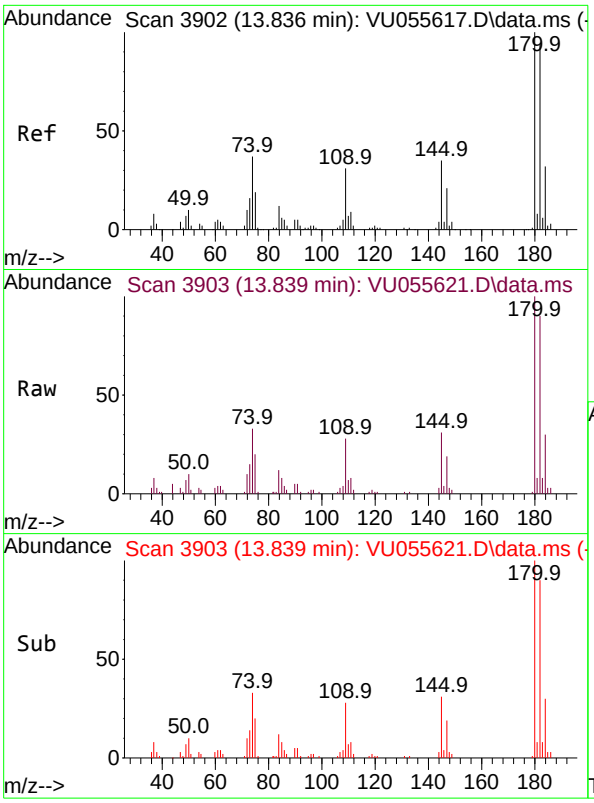


#69
1,3,5-Trichlorobenzene
Concen: 2.117 ug/L
RT: 13.839 min Scan# 3903
Delta R.T. 0.624 min
Lab File: VU055621.D
Acq: 02 Oct 2023 22:35

Tgt Ion:180 Resp: 32196

Ion	Ratio	Lower	Upper
180	100		
182	97.0	77.1	115.7
184	30.0	24.0	36.0
145	32.5	25.2	37.8



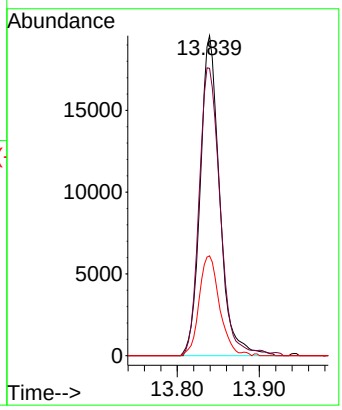


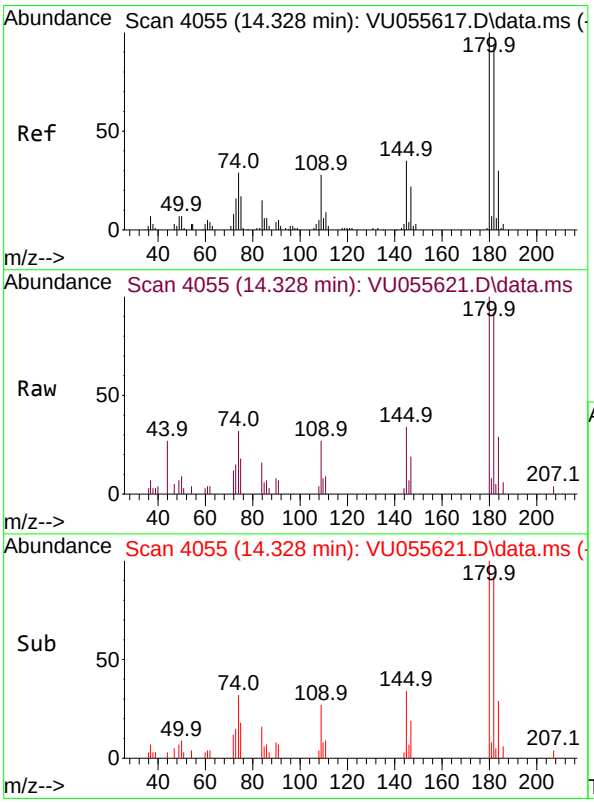
#70
1,2,4-trichlorobenzene
Concen: 2.772 ug/L
RT: 13.839 min Scan# 3
Delta R.T. 0.003 min
Lab File: VU055621.D
Acq: 02 Oct 2023 22:35

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:180 Resp: 32141

Ion	Ratio	Lower	Upper
180	100		
182	97.2	76.4	114.6
145	32.6	25.4	38.0





#72
1,2,3-Trichlorobenzene
Concen: 0.646 ug/L
RT: 14.328 min Scan# 4055
Delta R.T. -0.000 min
Lab File: VU055621.D
Acq: 02 Oct 2023 22:35

Tgt Ion:180 Resp: 6516

Ion	Ratio	Lower	Upper
180	100		
182	98.6	76.2	114.4
145	31.7	26.0	39.0