Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042423\
Data File : VU053865.D
Acq On : 25 Apr 2023 00:34
Operator : JC/MD
Sample : 03433-13 50X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHE48

Quant Time: Apr 25 05:07:55 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042423WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Apr 25 05:01:02 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	137967	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	133853	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	63322	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	36785	4.377	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 87.600%			
7) Chloroethane-d5	1.916	69	31595	4.480	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 89.600%			
11) 1,1-Dichloroethene-d2	2.568	65	15570	4.502	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 90.000%			
20) 2-Butanone-d5	4.639	46	71813	46.657	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 93.320%			
24) Chloroform-d	5.060	84	71734	4.530	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.600%			
26) 1,2-Dichloroethane-d4	5.697	65	34989	4.781	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.600%			
32) Benzene-d6	5.726	84	144632	4.587	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.800%			
36) 1,2-Dichloropropane-d6	6.684	67	44363	4.650	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.000%			
41) Toluene-d8	7.893	98	129060	4.386	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.800%			
43) trans-1,3-Dichloroprop...	8.176	79	15071	4.017	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 80.400%			
46) 2-Hexanone-d5	8.632	63	61800	46.546	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 93.100%			
56) 1,1,2,2-Tetrachloroeth...	10.751	84	34217	4.439	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 88.800%			
66) 1,2-Dichlorobenzene-d4	12.189	152	45882	4.518	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 90.400%			
Target Compounds						Qvalue
16) Methylene chloride	3.047	84	8957	0.756	ug/L	95
22) cis-1,2-Dichloroethene	4.671	96	2659	0.269	ug/L	96
34) Trichloroethene	6.542	95	14802	1.440	ug/L	96
35) Methylcyclohexane	6.687	83	10556	0.665	ug/L #	22
37) 1,2-Dichloropropane	6.687	63	4326	0.462	ug/L #	87
47) Tetrachloroethene	8.549	164	260337	31.947	ug/L	98
48) 2-Hexanone	8.687	43	2231	0.695	ug/L #	66
49) Dibromochloromethane	8.549	129	256776	34.564	ug/L #	10
61) 1,2,3-Trichloropropane	11.806	75	7362	1.508	ug/L #	63

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

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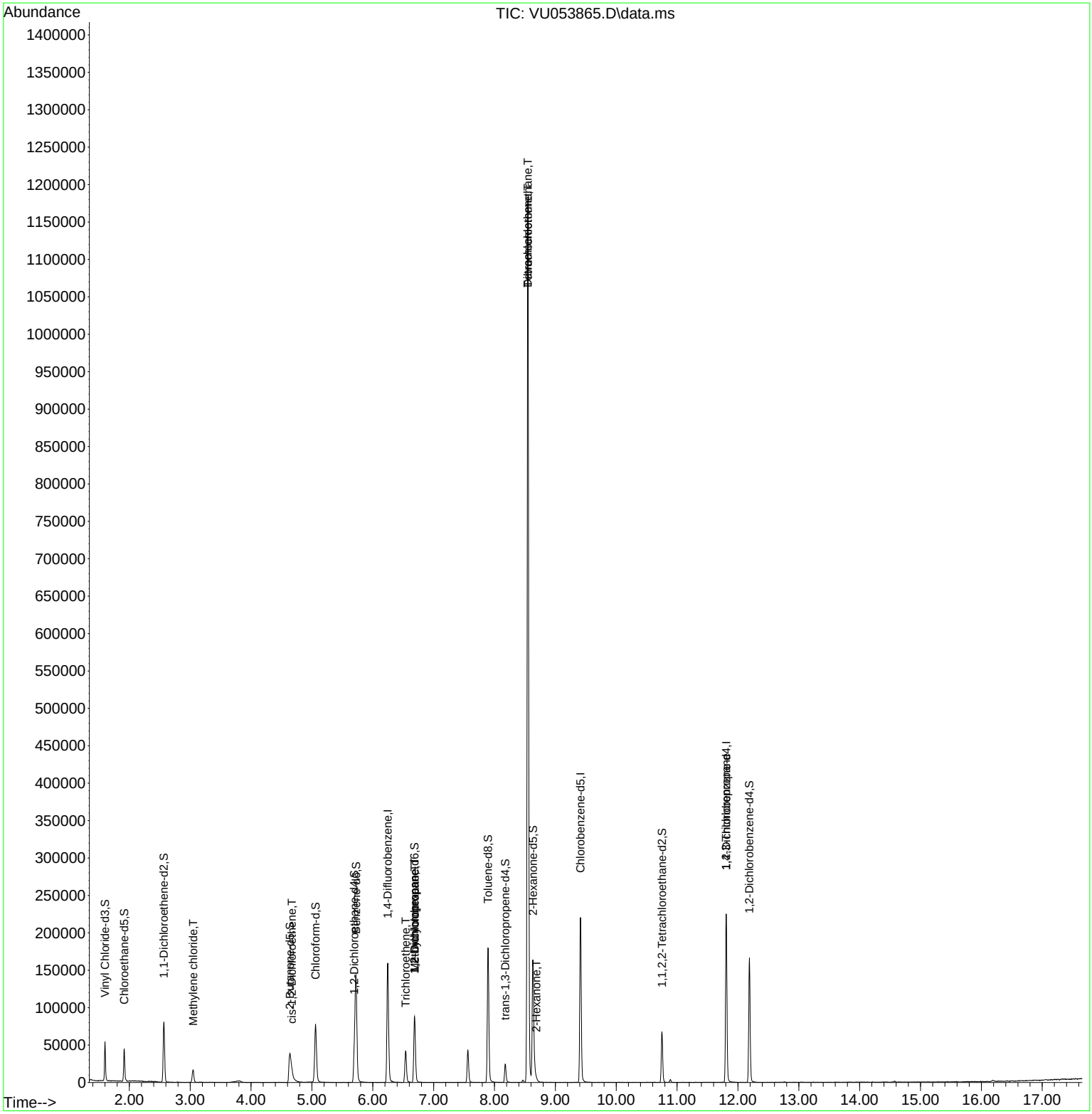
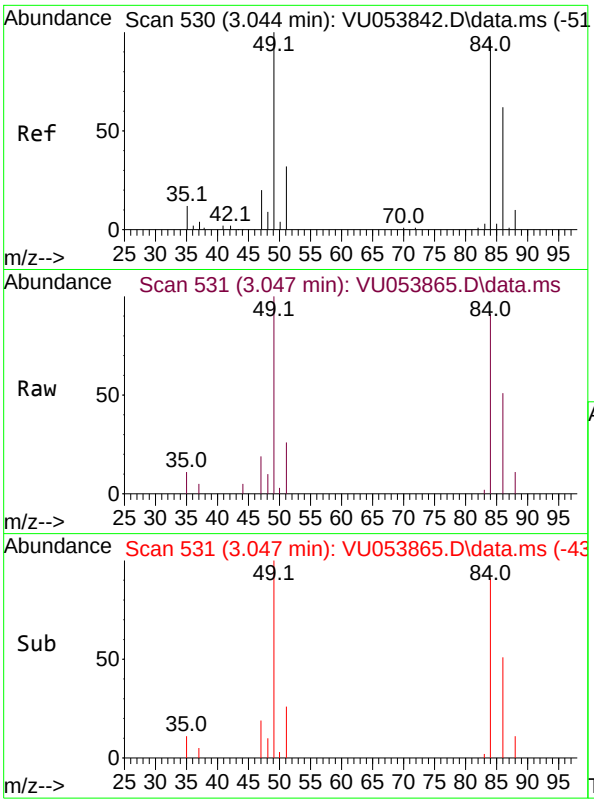
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Apr 25 05:01:02 2023
Response via : Initial Calibration



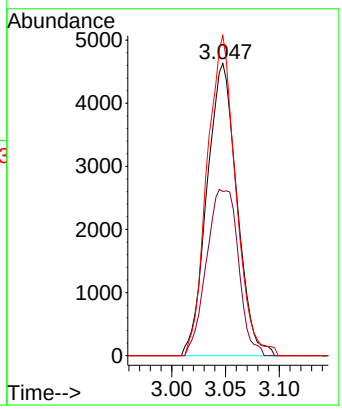


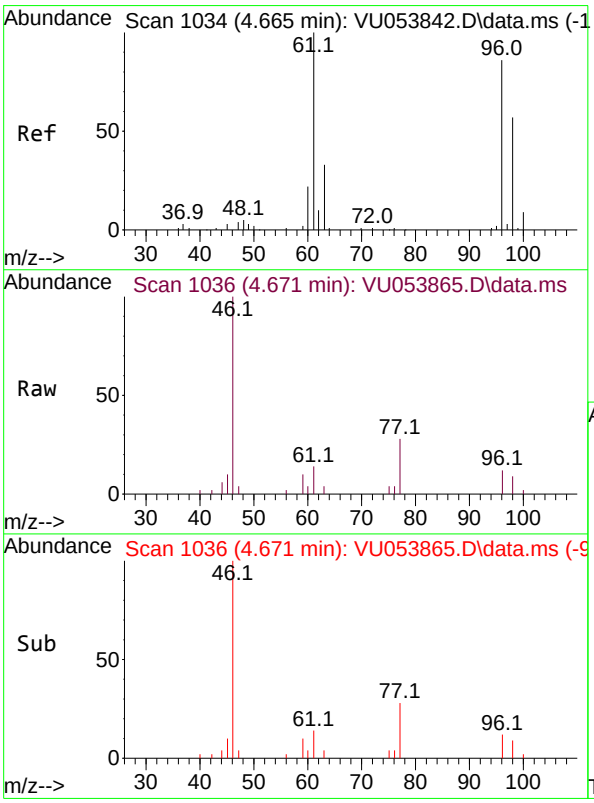
#16
Methylene chloride
Concen: 0.756 ug/L
RT: 3.047 min Scan# 5
Delta R.T. 0.003 min
Lab File: VU053865.D
Acq: 25 Apr 2023 00:34

Instrument :
MSVOA_U
ClientSampleId :
BHE48

Tgt Ion: 84 Resp: 8957

Ion	Ratio	Lower	Upper
84	100		
86	56.2	45.0	83.6
49	109.5	74.8	138.8

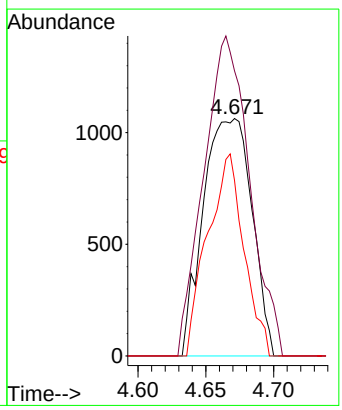


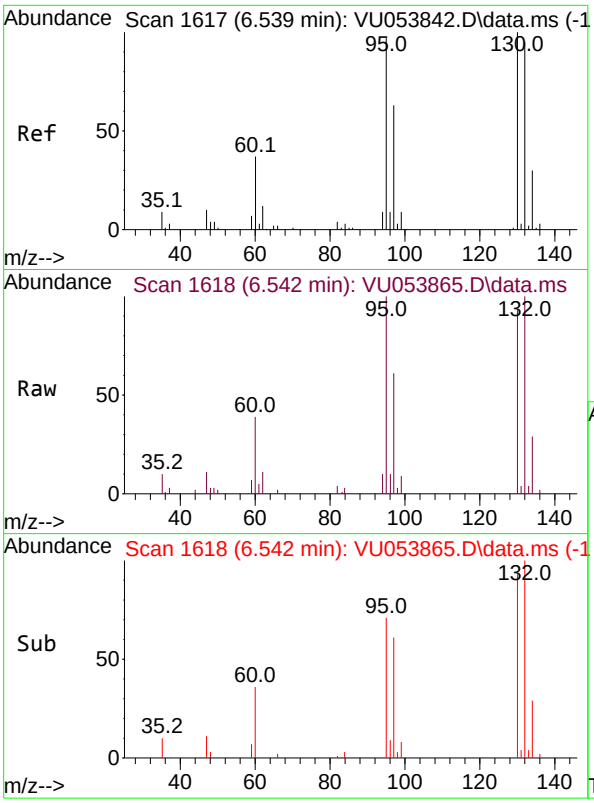


#22
cis-1,2-Dichloroethene
Concen: 0.269 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VU053865.D
Acq: 25 Apr 2023 00:34

Tgt Ion: 96 Resp: 2659

Ion	Ratio	Lower	Upper
96	100		
61	120.1	84.3	156.5
98	73.9	46.4	86.2



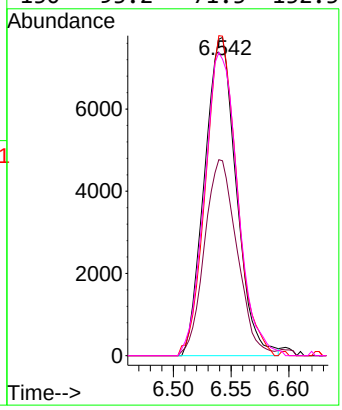


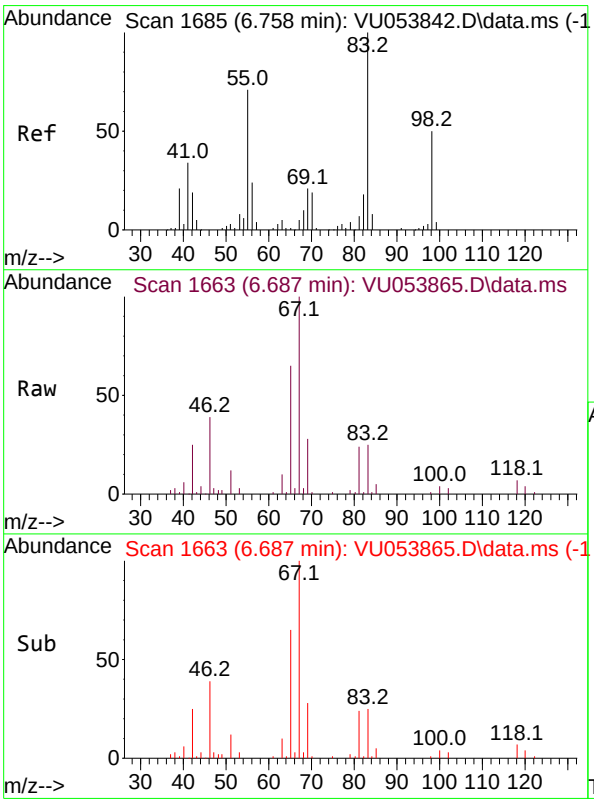
#34
Trichloroethene
Concen: 1.440 ug/L
RT: 6.542 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU053865.D
Acq: 25 Apr 2023 00:34

Instrument :
MSVOA_U
ClientSampleId :
BHE48

Tgt Ion: 95 Resp: 14802

Ion	Ratio	Lower	Upper
95	100		
97	61.3	45.1	83.9
132	100.4	69.9	129.9
130	93.2	71.3	132.3

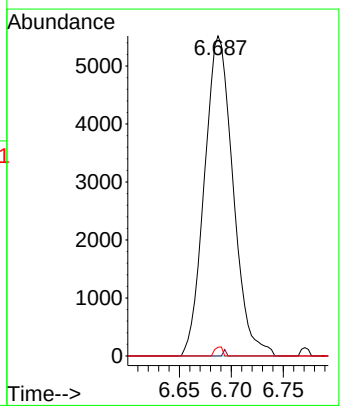


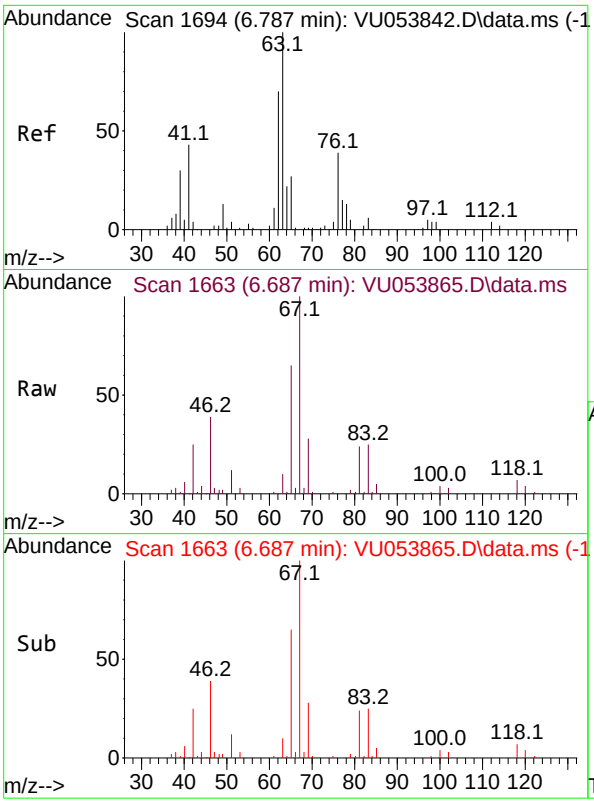


#35
Methylcyclohexane
Concen: 0.665 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.071 min
Lab File: VU053865.D
Acq: 25 Apr 2023 00:34

Tgt Ion: 83 Resp: 10556

Ion	Ratio	Lower	Upper
83	100		
55	0.2	55.4	83.2#
98	0.8	37.3	55.9#



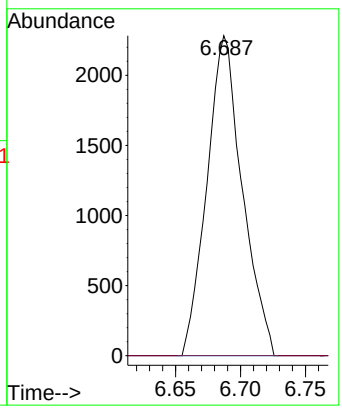


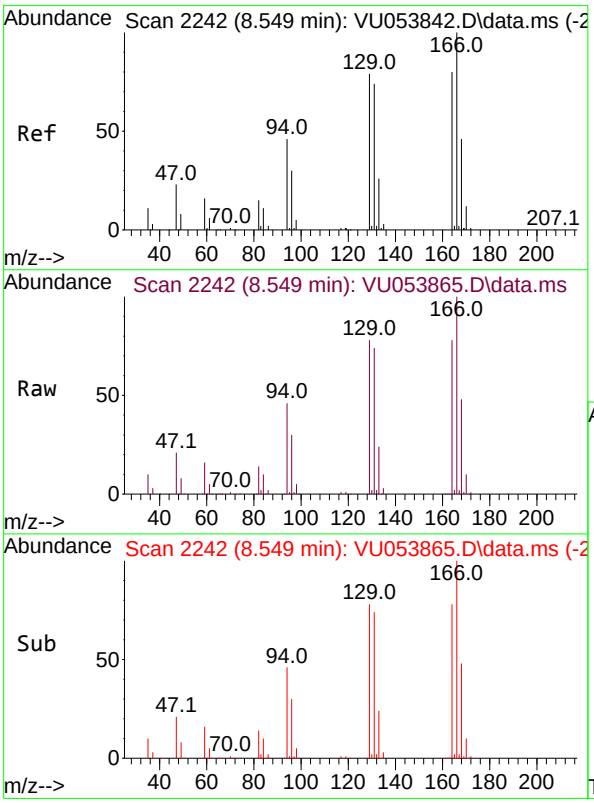
#37
1,2-Dichloropropane
Concen: 0.462 ug/L
RT: 6.687 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU053865.D
Acq: 25 Apr 2023 00:34

Instrument :
MSVOA_U
ClientSampleId :
BHE48

Tgt Ion: 63 Resp: 4326

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#

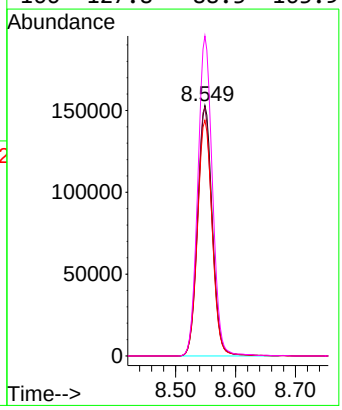


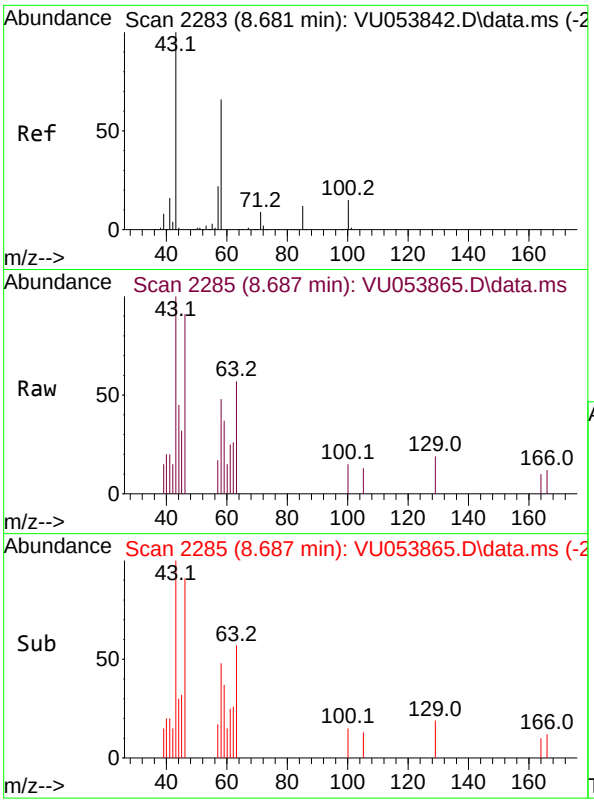


#47
Tetrachloroethene
Concen: 31.947 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VU053865.D
Acq: 25 Apr 2023 00:34

Tgt Ion:164 Resp: 260337

Ion	Ratio	Lower	Upper
164	100		
129	99.2	68.3	126.8
131	94.1	64.4	119.6
166	127.8	88.3	163.9



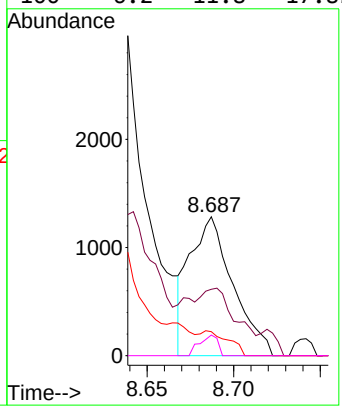


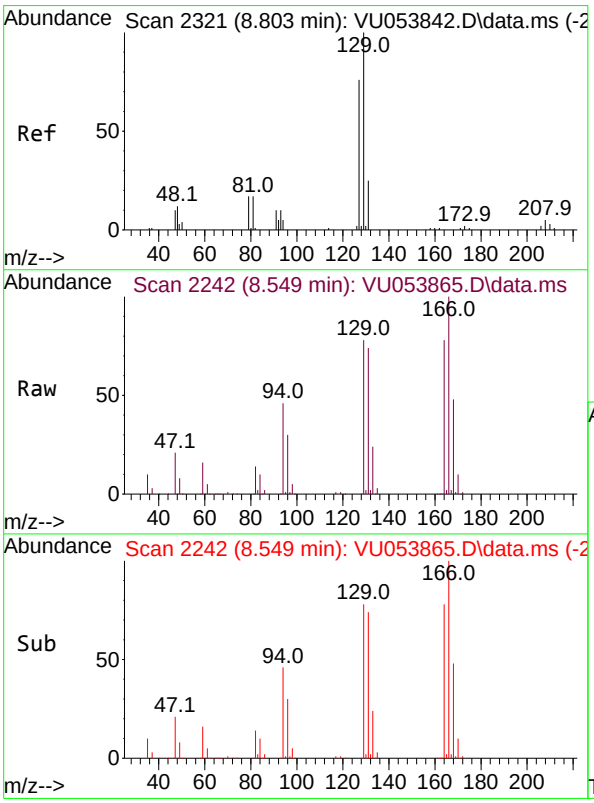
#48
2-Hexanone
Concen: 0.695 ug/L
RT: 8.687 min Scan# 2
Delta R.T. 0.006 min
Lab File: VU053865.D
Acq: 25 Apr 2023 00:34

Instrument :
MSVOA_U
ClientSampleId :
BHE48

Tgt Ion: 43 Resp: 2231

Ion	Ratio	Lower	Upper
43	100		
58	36.8	49.8	74.6#
57	0.0	16.9	25.3#
100	6.2	11.8	17.8#

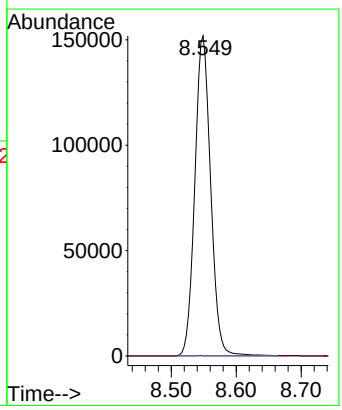


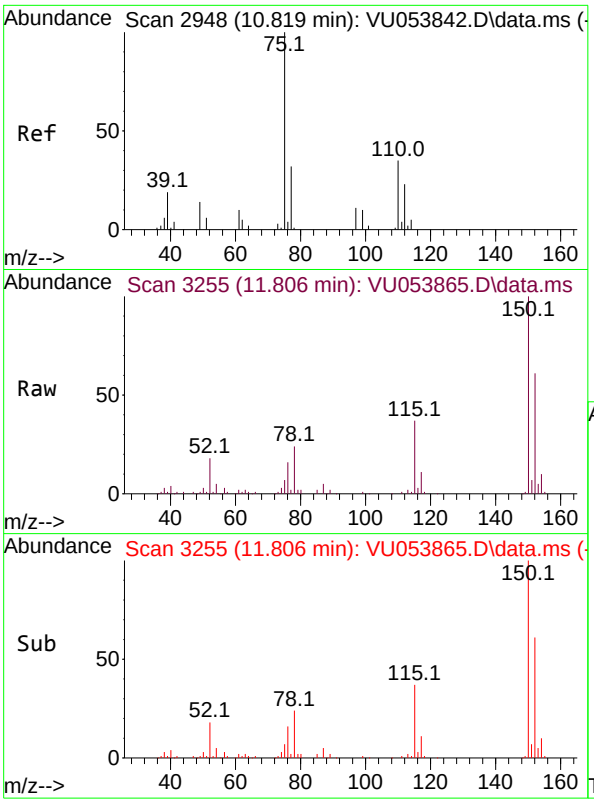


#49
Dibromochloromethane
Concen: 34.564 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.254 min
Lab File: VU053865.D
Acq: 25 Apr 2023 00:34

Tgt Ion:129 Resp: 256776

Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.7	103.5#





#61
1,2,3-Trichloropropane
Concen: 1.508 ug/L
RT: 11.806 min Scan# 3
Delta R.T. 0.987 min
Lab File: VU053865.D
Acq: 25 Apr 2023 00:34

Instrument :
MSVOA_U
ClientSampleId :
BHE48

Tgt Ion: 75 Resp: 7362

Ion	Ratio	Lower	Upper
75	100		
110	0.3	30.7	46.1#
77	28.6	26.2	39.4