Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042823\
Data File : VU053943.D
Acq On : 27 Apr 2023 18:27
Operator : JC/MD
Sample : 02488-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHE68

Quant Time: Apr 28 07:20:47 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042423WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Apr 27 05:52:18 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	139304	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	133070	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	65099	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	30491	3.593	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 71.800%			
7) Chloroethane-d5	1.916	69	27803	3.904	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 78.000%			
11) 1,1-Dichloroethene-d2	2.565	65	13735	3.933	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 78.600%			
20) 2-Butanone-d5	4.639	46	78553	50.546	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 101.100%			
24) Chloroform-d	5.057	84	71814	4.492	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.800%			
26) 1,2-Dichloroethane-d4	5.700	65	33481	4.531	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.600%			
32) Benzene-d6	5.723	84	138923	4.432	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.600%			
36) 1,2-Dichloropropane-d6	6.687	67	44051	4.645	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 92.800%			
41) Toluene-d8	7.896	98	118532	4.051	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 81.000%			
43) trans-1,3-Dichloroprop...	8.176	79	15604	4.184	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 83.600%			
46) 2-Hexanone-d5	8.629	63	66976	50.741	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.480%			
56) 1,1,2,2-Tetrachloroeth...	10.751	84	35671	4.654	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.000%			
66) 1,2-Dichlorobenzene-d4	12.189	152	45239	4.333	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 86.600%			
Target Compounds						Qvalue
25) Chloroform	5.083	83	7503	0.431	ug/L	86
35) Methylcyclohexane	6.687	83	10309	0.653	ug/L #	21
37) 1,2-Dichloropropane	6.687	63	4327	0.465	ug/L #	87
47) Tetrachloroethene	8.549	164	10482	1.294	ug/L	91
49) Dibromochloromethane	8.549	129	9992	1.353	ug/L #	10
61) 1,2,3-Trichloropropane	11.806	75	7416	1.477	ug/L #	66

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

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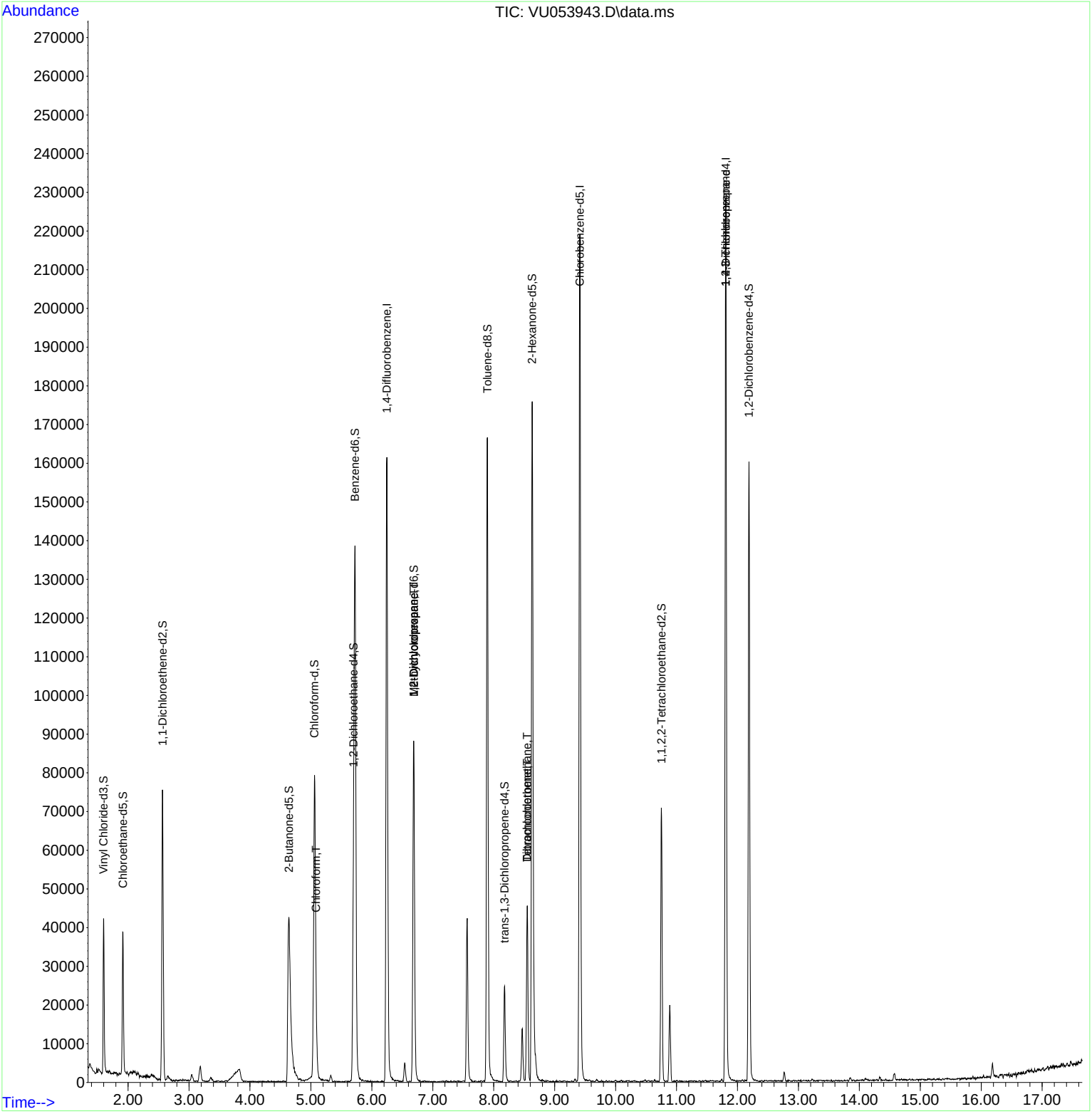
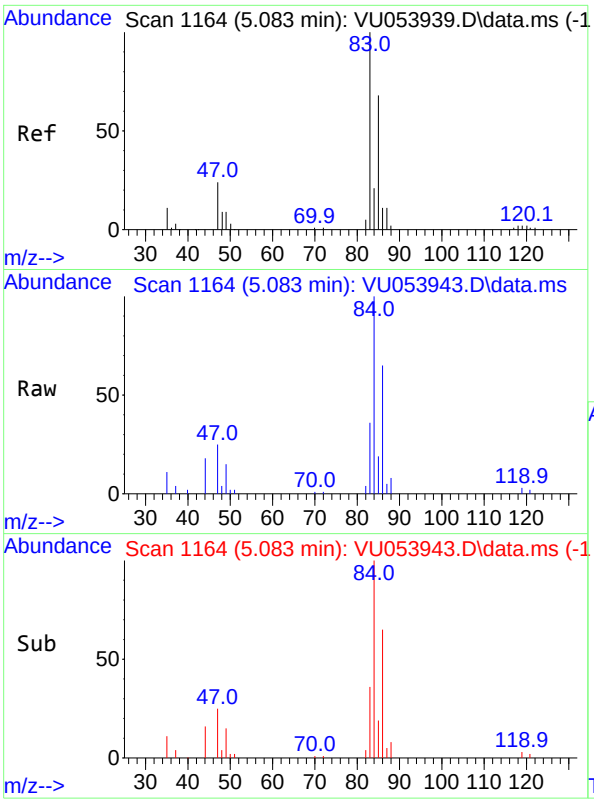


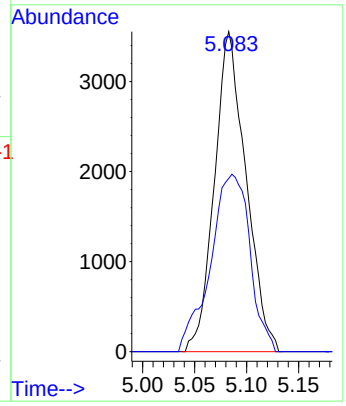


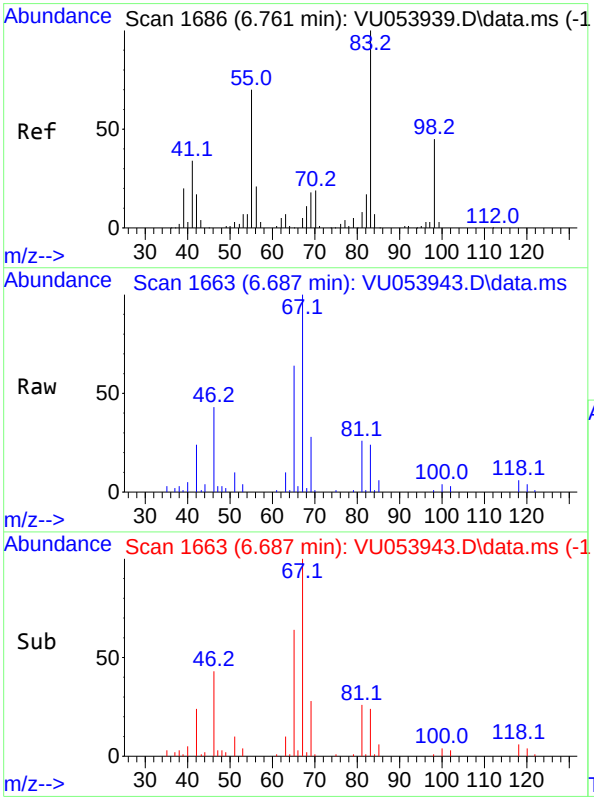
#25
Chloroform
Concen: 0.431 ug/L
RT: 5.083 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU053943.D
Acq: 27 Apr 2023 18:27

Instrument :
MSVOA_U
ClientSampleId :
BHE68

Tgt Ion: 83 Resp: 7503

Ion	Ratio	Lower	Upper
83	100		
85	54.2	45.6	84.8

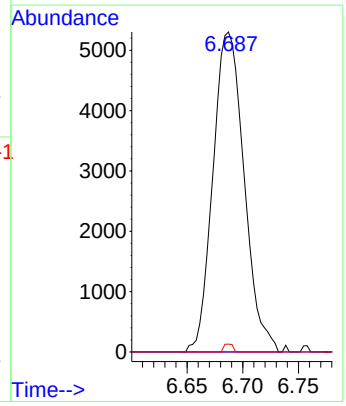


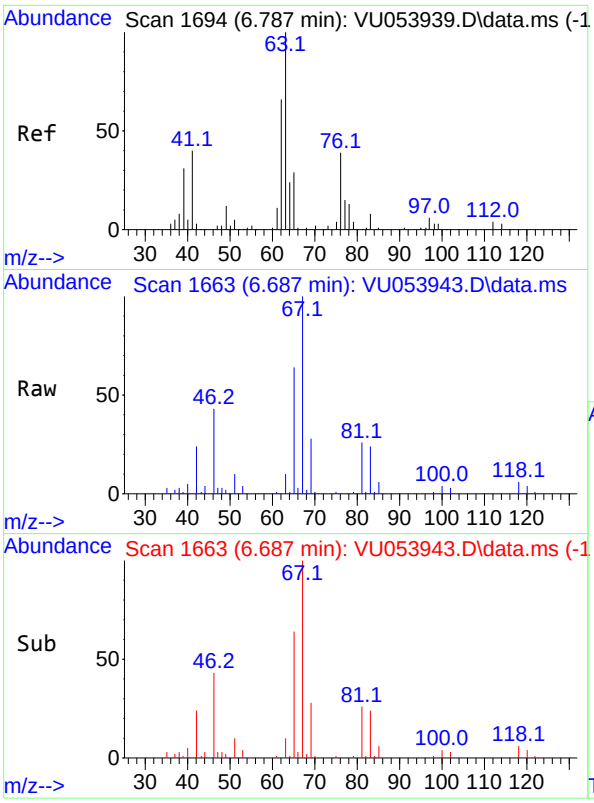


#35
Methylcyclohexane
Concen: 0.653 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.071 min
Lab File: VU053943.D
Acq: 27 Apr 2023 18:27

Tgt Ion: 83 Resp: 10309

Ion	Ratio	Lower	Upper
83	100		
55	0.0	55.4	83.2#
98	0.7	37.3	55.9#



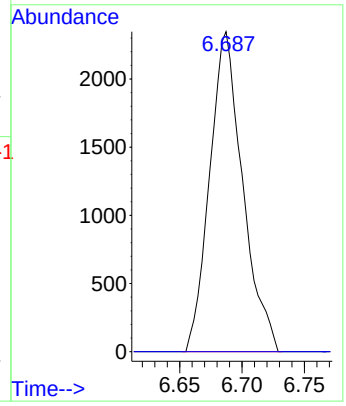


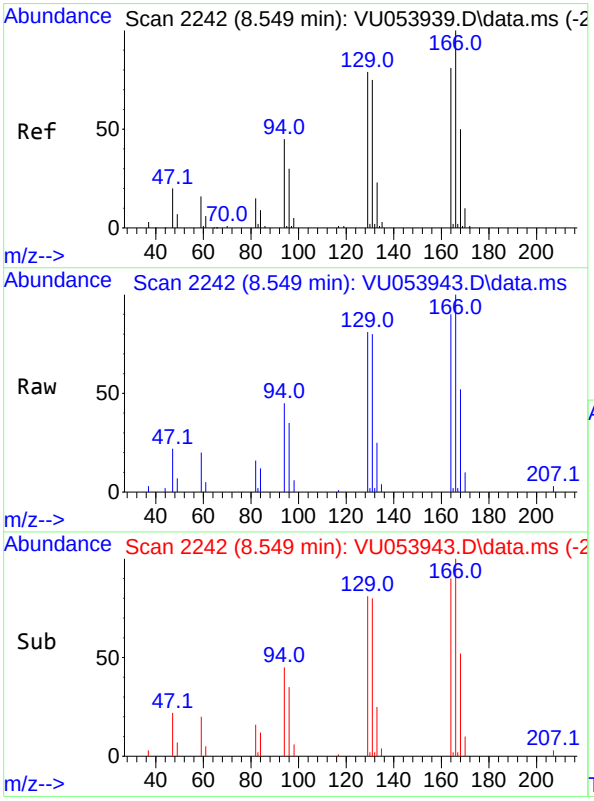
#37
1,2-Dichloropropane
Concen: 0.465 ug/L
RT: 6.687 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU053943.D
Acq: 27 Apr 2023 18:27

Instrument :
MSVOA_U
ClientSampleId :
BHE68

Tgt Ion: 63 Resp: 4327

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#

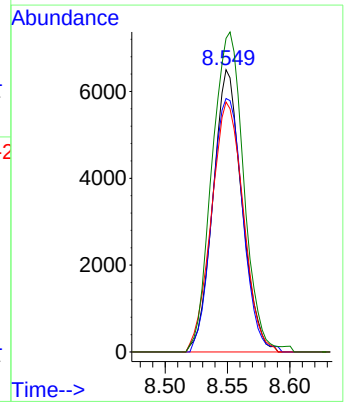


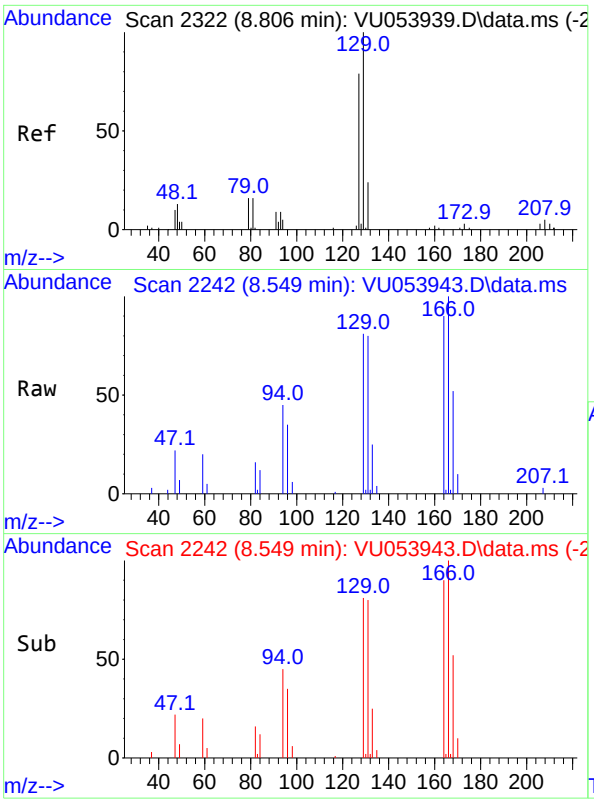


#47
Tetrachloroethene
Concen: 1.294 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VU053943.D
Acq: 27 Apr 2023 18:27

Tgt Ion:164 Resp: 10482

Ion	Ratio	Lower	Upper
164	100		
129	89.8	68.3	126.8
131	88.5	64.4	119.6
166	111.1	88.3	163.9



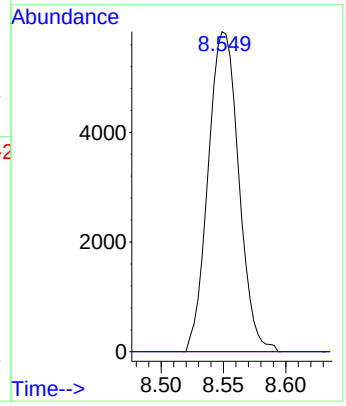


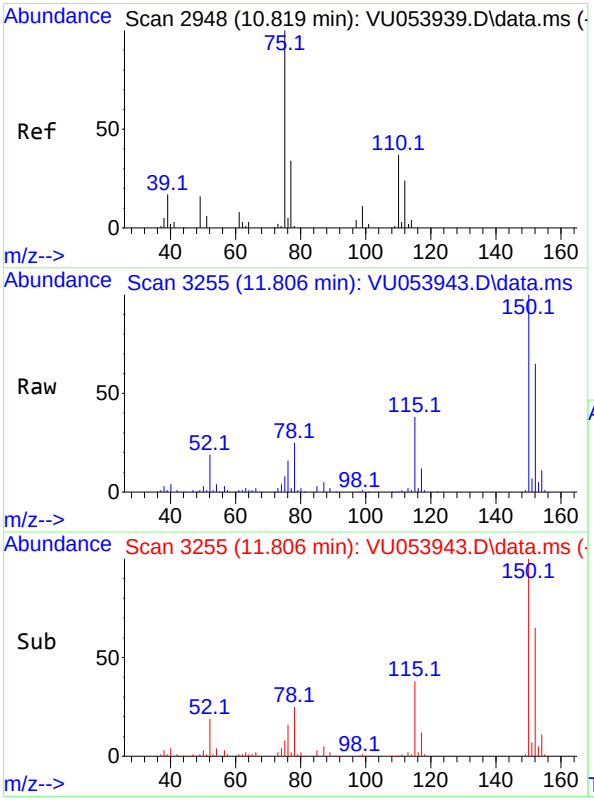
#49
Dibromochloromethane
Concen: 1.353 ug/L
RT: 8.549 min Scan# 2
Delta R.T. -0.257 min
Lab File: VU053943.D
Acq: 27 Apr 2023 18:27

Instrument :
MSVOA_U
ClientSampleId :
BHE68

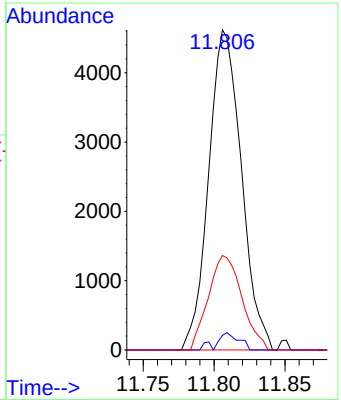
Tgt Ion:129 Resp: 9992

Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.7	103.5#





#61
1,2,3-Trichloropropane
Concen: 1.477 ug/L
RT: 11.806 min Scan# 3255
Delta R.T. 0.987 min
Lab File: VU053943.D
Acq: 27 Apr 2023 18:27

Tgt Ion: 75 Resp: 7416

Ion	Ratio	Lower	Upper
75	100		
110	3.1	30.7	46.1#
77	30.2	26.2	39.4