Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103123\
Data File : VU056015.D
Acq On : 31 Oct 2023 15:43
Operator : MD/SY
Sample : VIBLK
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Nov 01 01:10:46 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 01 01:09:14 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	335592	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	333219	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	149094	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	82586	3.111	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 62.200%			
7) Chloroethane-d5	1.914	69	81037	3.916	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 78.400%			
11) 1,1-Dichloroethene-d2	2.567	65	38124	3.383	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 67.600%			
20) 2-Butanone-d5	4.640	46	234399	49.494	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 98.980%			
24) Chloroform-d	5.062	84	210542	4.280	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.600%			
26) 1,2-Dichloroethane-d4	5.701	65	102788	4.289	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.800%			
32) Benzene-d6	5.724	84	405233	4.083	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 81.600%			
36) 1,2-Dichloropropane-d6	6.689	67	129847	4.413	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 88.200%			
41) Toluene-d8	7.898	98	332494	3.693	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 73.800%			
43) trans-1,3-Dichloroprop...	8.180	79	43433	3.774	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 75.400%			
46) 2-Hexanone-d5	8.634	63	182669	62.529	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 125.060%			
56) 1,1,2,2-Tetrachloroeth...	10.753	84	98770	4.609	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 92.200%			
66) 1,2-Dichlorobenzene-d4	12.193	152	122729	4.412	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 88.200%			
Target Compounds						Qvalue
16) Methylene chloride	3.052	84	6990	0.379	ug/L	93
35) Methylcyclohexane	6.689	83	30576	1.101	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	13134	0.673	ug/L #	90
38) Bromodichloromethane	7.107	83	2039	0.083	ug/L #	90
39) cis-1,3-Dichloropropene	7.560	75	3272	0.118	ug/L #	72
47) Tetrachloroethene	8.553	164	13827	0.960	ug/L	96
48) 2-Hexanone	8.692	43	22905	3.095	ug/L	90
49) Dibromochloromethane	8.553	129	13008	0.863	ug/L #	11
61) 1,2,3-Trichloropropane	11.811	75	17367	1.697	ug/L #	68

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

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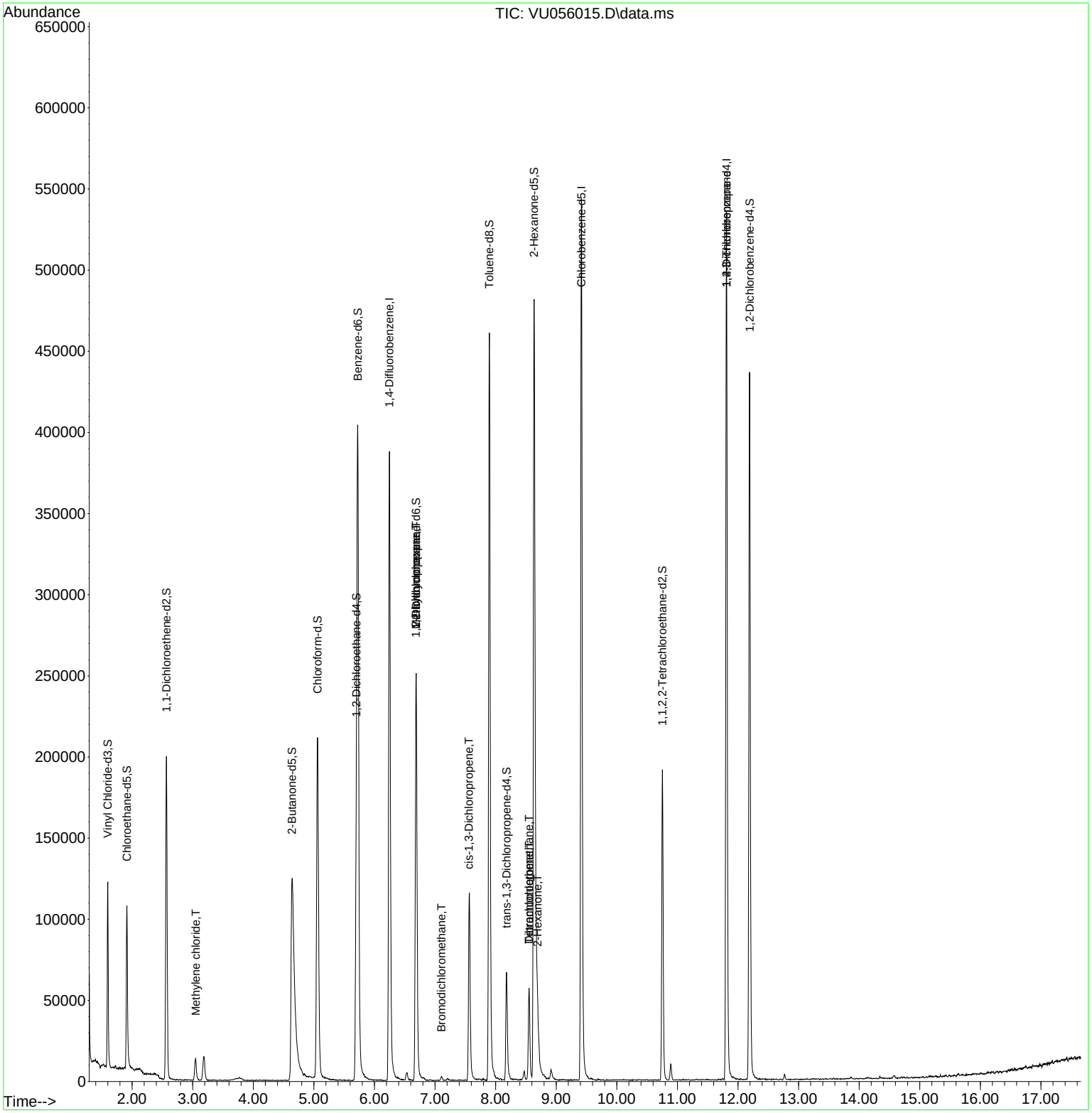
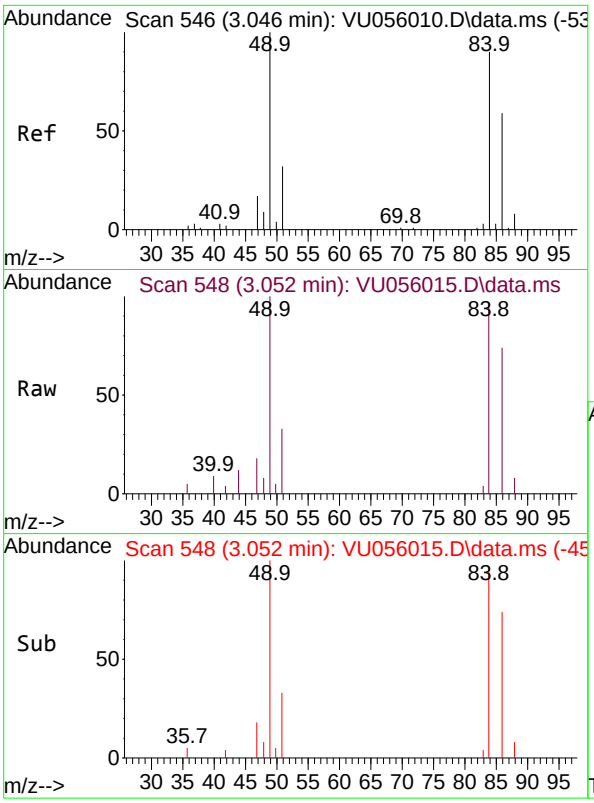
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 01 01:09:14 2023
Response via : Initial Calibration



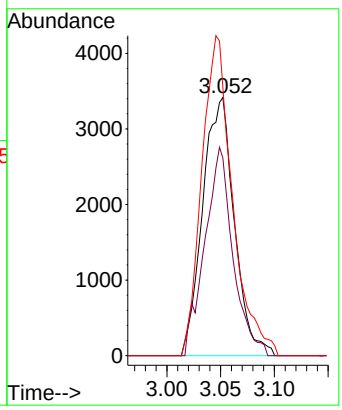


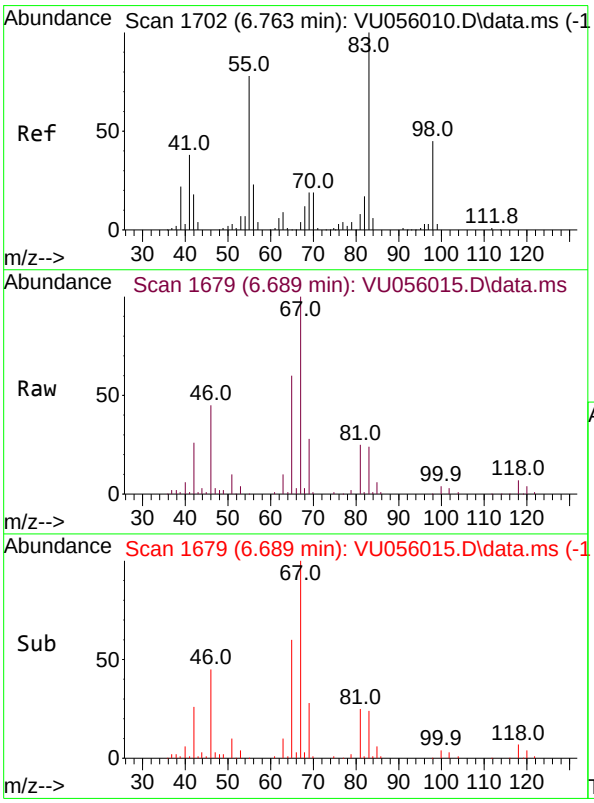
#16
Methylene chloride
Concen: 0.379 ug/L
RT: 3.052 min Scan# 54
Delta R.T. 0.006 min
Lab File: VU056015.D
Acq: 31 Oct 2023 15:43

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 84 Resp: 6990

Ion	Ratio	Lower	Upper
84	100		
86	76.6	45.2	84.0
49	109.5	78.8	146.3

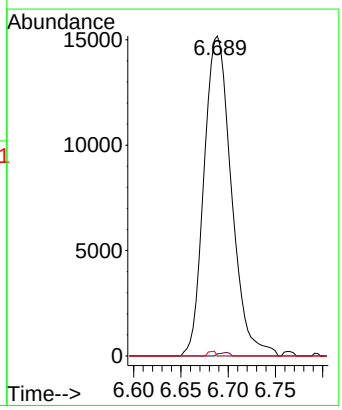


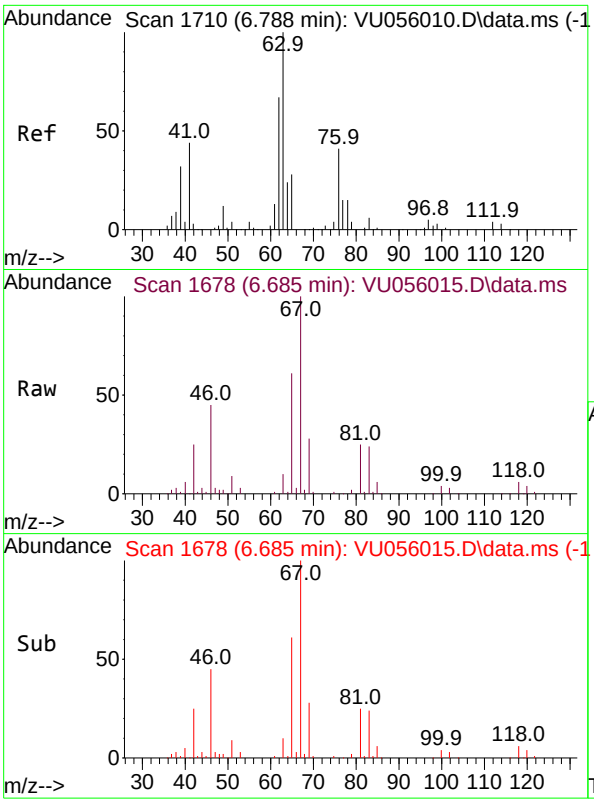


#35
Methylcyclohexane
Concen: 1.101 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.074 min
Lab File: VU056015.D
Acq: 31 Oct 2023 15:43

Tgt Ion: 83 Resp: 30576

Ion	Ratio	Lower	Upper
83	100		
55	0.4	62.4	93.6#
98	0.4	37.4	56.2#



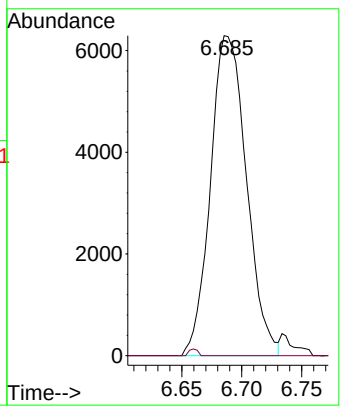


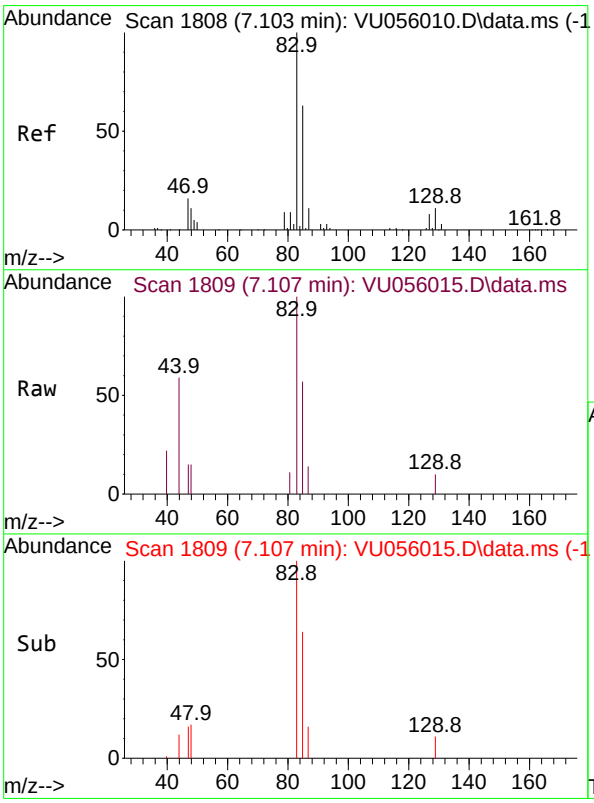
#37
1,2-Dichloropropane
Concen: 0.673 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU056015.D
Acq: 31 Oct 2023 15:43

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 13134

Ion	Ratio	Lower	Upper
63	100		
112	0.5	3.1	4.7#

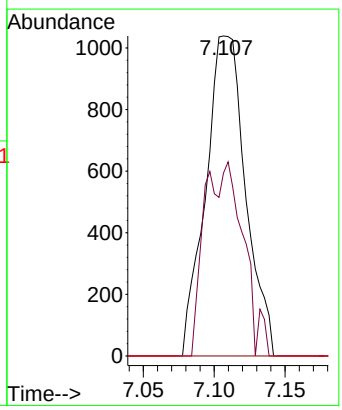


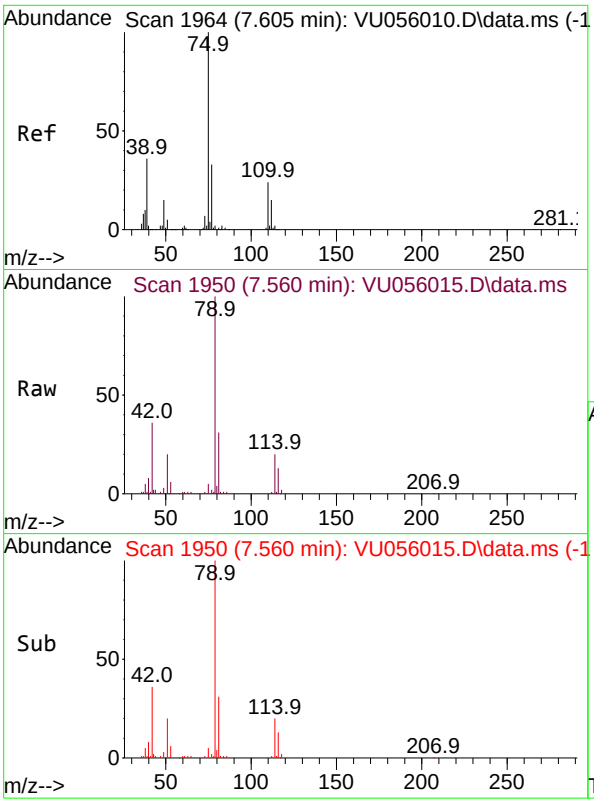


#38
Bromodichloromethane
Concen: 0.083 ug/L
RT: 7.107 min Scan# 1809
Delta R.T. 0.003 min
Lab File: VU056015.D
Acq: 31 Oct 2023 15:43

Tgt Ion: 83 Resp: 2039

Ion	Ratio	Lower	Upper
83	100		
85	57.2	44.9	83.3
127	0.0	6.6	9.8#



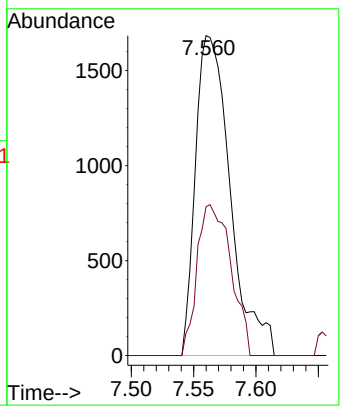


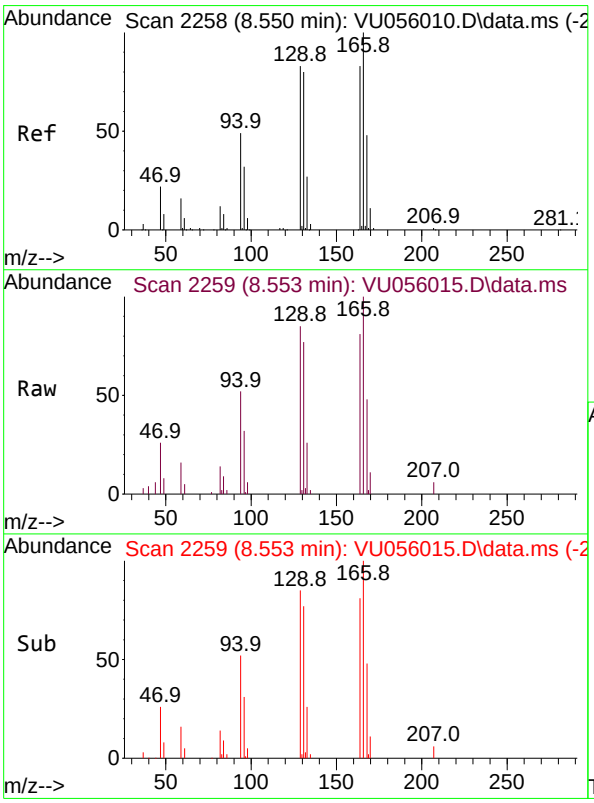
#39
cis-1,3-Dichloropropene
Concen: 0.118 ug/L
RT: 7.560 min Scan# 1
Delta R.T. -0.045 min
Lab File: VU056015.D
Acq: 31 Oct 2023 15:43

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 3272

Ion	Ratio	Lower	Upper
75	100		
77	46.6	21.7	40.3#

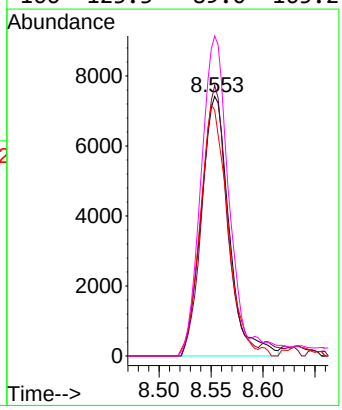


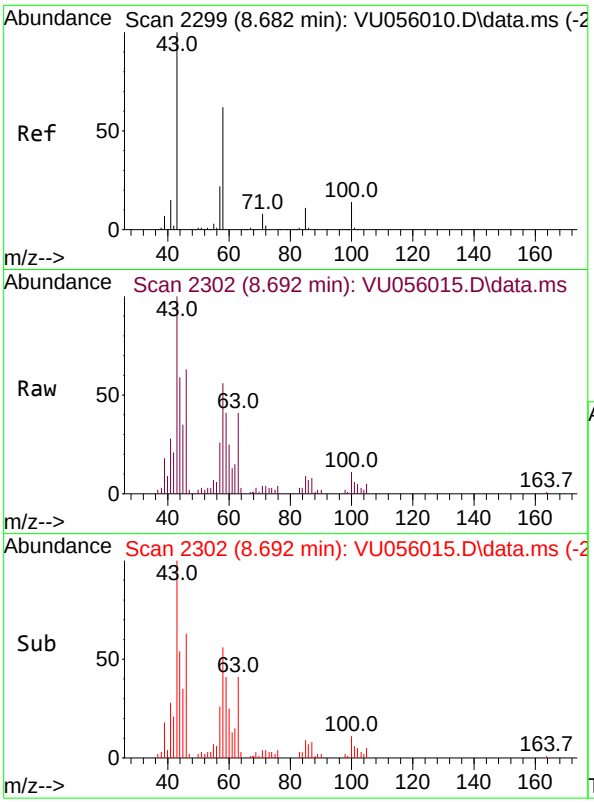


#47
Tetrachloroethene
Concen: 0.960 ug/L
RT: 8.553 min Scan# 2259
Delta R.T. 0.003 min
Lab File: VU056015.D
Acq: 31 Oct 2023 15:43

Tgt Ion:164 Resp: 13827

Ion	Ratio	Lower	Upper
164	100		
129	104.2	72.2	134.0
131	94.7	70.8	131.6
166	123.3	89.0	165.2



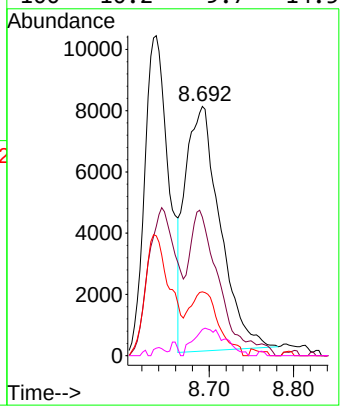


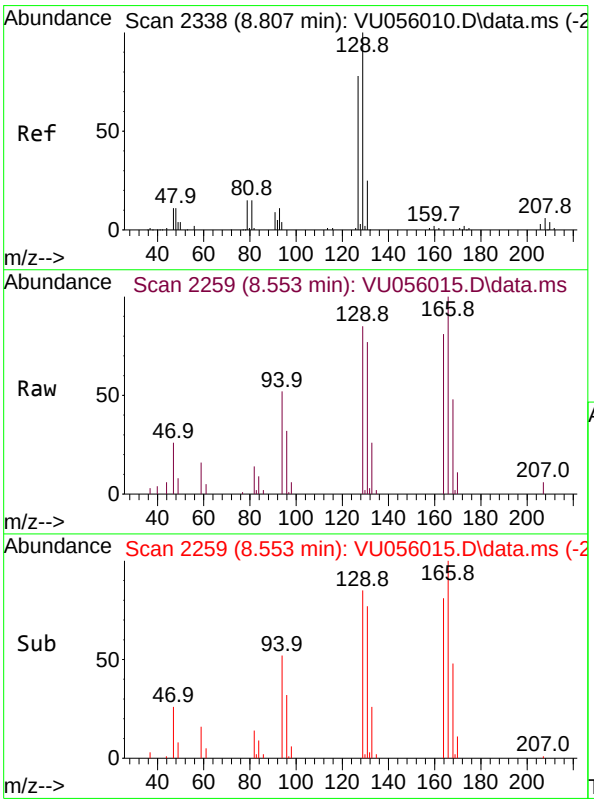
#48
2-Hexanone
Concen: 3.095 ug/L
RT: 8.692 min Scan# 2
Delta R.T. 0.010 min
Lab File: VU056015.D
Acq: 31 Oct 2023 15:43

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 22905

Ion	Ratio	Lower	Upper
43	100		
58	51.8	49.5	74.3
57	22.0	16.9	25.3
100	10.2	9.7	14.5

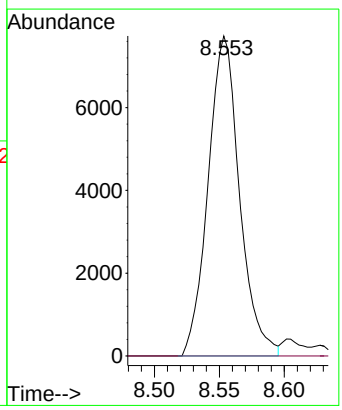


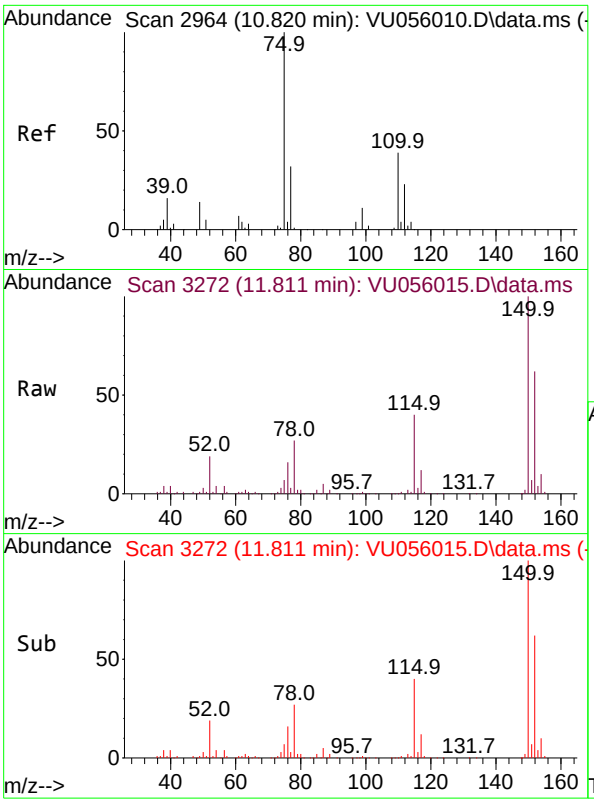


#49
Dibromochloromethane
Concen: 0.863 ug/L
RT: 8.553 min Scan# 2259
Delta R.T. -0.254 min
Lab File: VU056015.D
Acq: 31 Oct 2023 15:43

Tgt Ion:129 Resp: 13008

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.5	99.5#





#61
1,2,3-Trichloropropane
Concen: 1.697 ug/L
RT: 11.811 min Scan# 3
Delta R.T. 0.990 min
Lab File: VU056015.D
Acq: 31 Oct 2023 15:43

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 17367

Ion	Ratio	Lower	Upper
75	100		
110	2.2	29.0	43.6#
77	31.4	24.5	36.7