Quantitation Report   (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070124\
Data File : VU059718.D
Acq On   : 02 Jul 2024 04:51
Operator : MD/SY
Sample   : P3121-20
Misc   : 25.0mL/MSVOA_U/WATER
ALS Vial : 51   Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jul 02 07:22:53 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jun 29 01:51:23 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Difluorobenzene	6.242	114	221755	5.000 ug/L	0.00
28) Chlorobenzene-d5	9.412	117	219391	5.000 ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	110145	5.000 ug/L	0.00
System Monitoring Compounds					
4) Vinyl Chloride-d3	1.595	65	36799	2.387 ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	47.800%	
7) Chloroethane-d5	1.907	69	43242	2.915 ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	58.200%#	
11) 1,1-Dichloroethene-d2	2.560	65	18908	2.956 ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	59.200%#	
20) 2-Butanone-d5	4.621	46	158759	49.983 ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	99.960%	
24) Chloroform-d	5.055	84	112327	3.549 ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	71.000%	
26) 1,2-Dichloroethane-d4	5.695	65	57579	3.777 ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	75.600%	
32) Benzene-d6	5.721	84	223824	3.707 ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	74.200%	
36) 1,2-Dichloropropane-d6	6.682	67	74217	4.011 ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	80.200%	
41) Toluene-d8	7.891	98	195241	3.478 ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	69.600%#	
43) trans-1,3-Dichloroprop...	8.174	79	21933	3.786 ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	75.800%	
46) 2-Hexanone-d5	8.627	63	136068	56.525 ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	113.040%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	62495	4.088 ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	81.800%	
66) 1,2-Dichlorobenzene-d4	12.187	152	83228	4.245 ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	85.000%	
Target Compounds					Qvalue
18) trans-1,2-Dichloroethene	3.351	96	2868	0.175 ug/L	86
22) cis-1,2-Dichloroethene	4.656	96	240798	13.356 ug/L	95
25) Chloroform	5.078	83	6400	0.201 ug/L	95
30) Cyclohexane	5.383	56	1365	0.061 ug/L #	89
34) Trichloroethene	6.534	95	141068	7.819 ug/L	94
35) Methylcyclohexane	6.682	83	17090	0.666 ug/L #	19
37) 1,2-Dichloropropane	6.682	63	7907	0.459 ug/L #	90
45) 1,1,2-Trichloroethane	8.547	97	47903	3.770 ug/L #	1
47) Tetrachloroethene	8.550	164	6177976	441.259 ug/L	96
49) Dibromochloromethane	8.550	129	5745327	408.222 ug/L #	12
53) m,p-Xylene	9.692	106	4069	0.146 ug/L	78
61) 1,2,3-Trichloropropane	11.804	75	12345	1.213 ug/L #	71
63) 1,2,4-Trimethylbenzene	11.466	105	3483	0.068 ug/L	95
71) Naphthalene	14.090	128	10594	0.377 ug/L #	96

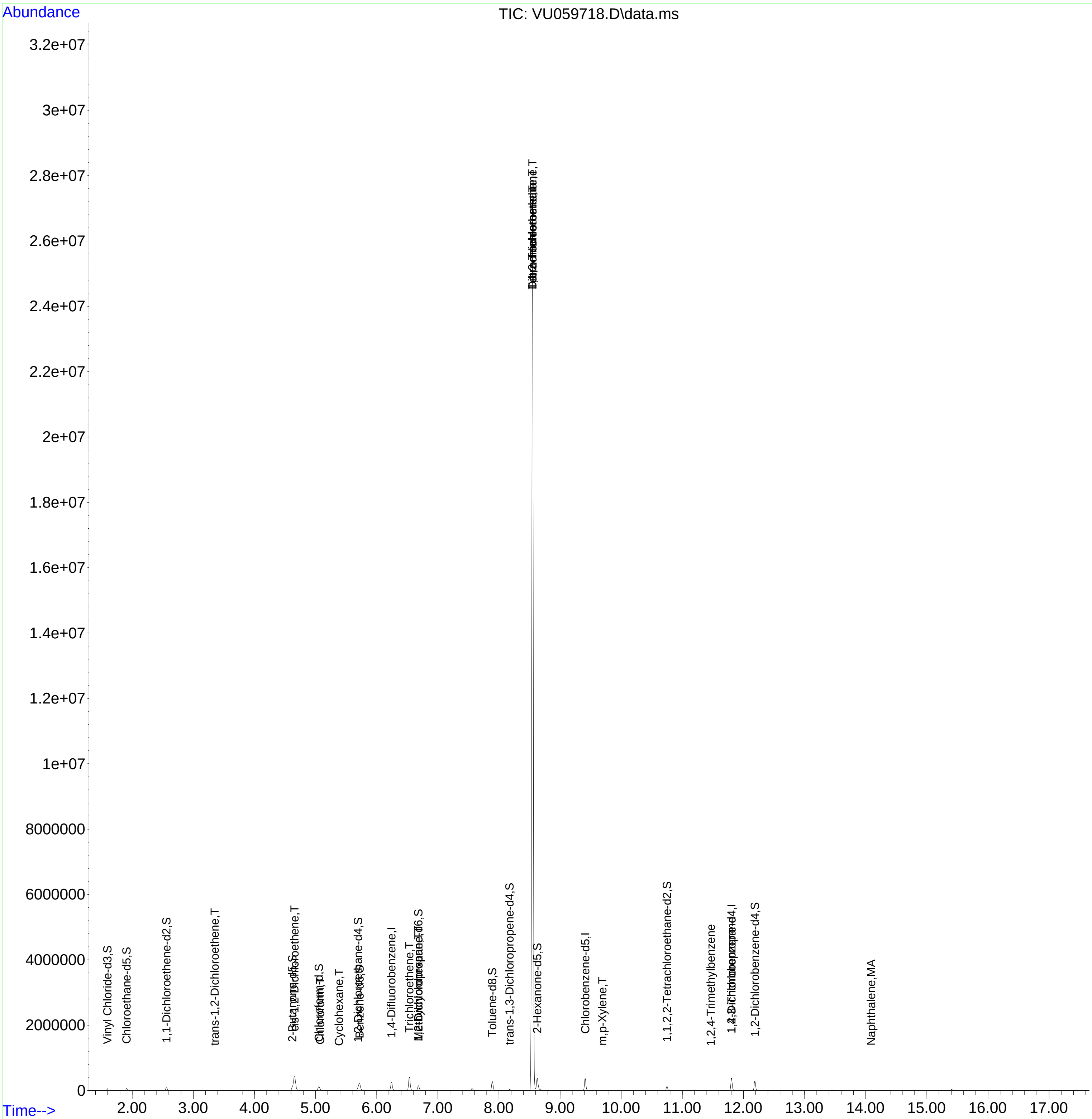
(#) = qualifier out of range (m) = manual integration (+) = signals summed

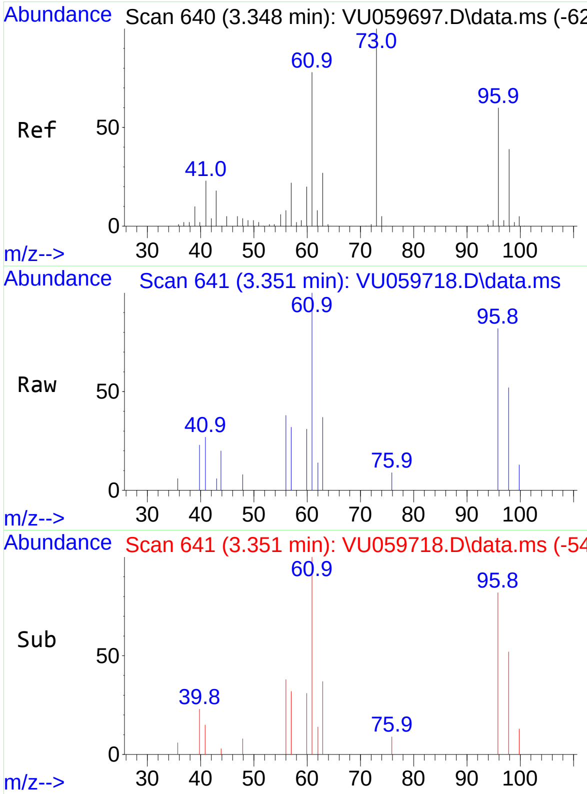
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070124\
Data File : VU059718.D
Acq On : 02 Jul 2024 04:51
Operator : MD/SY
Sample : P3121-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 51 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jul 02 07:22:53 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jun 29 01:51:23 2024
Response via : Initial Calibration



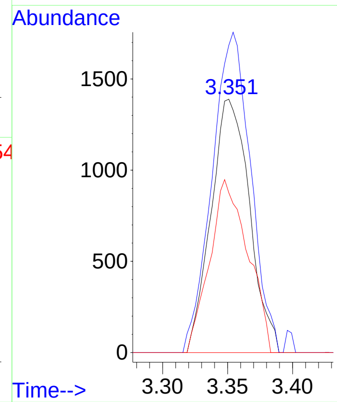


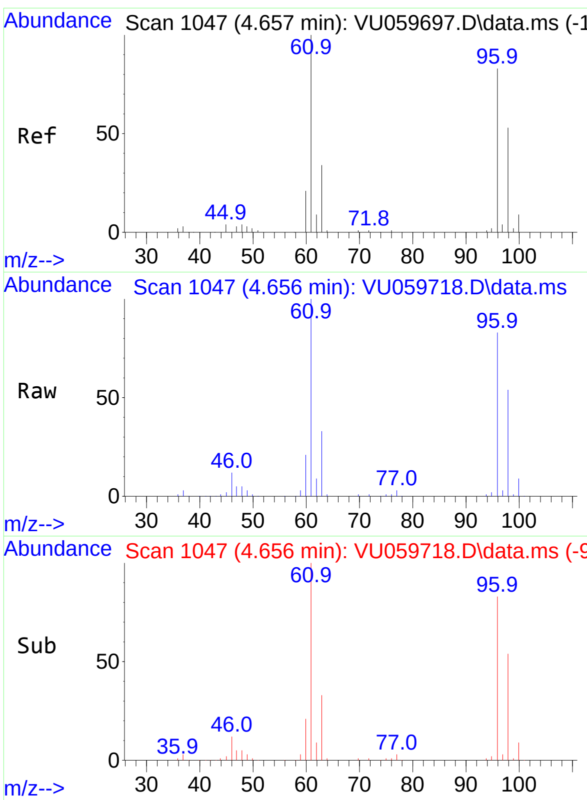
#18
trans-1,2-Dichloroethene
Concen: 0.175 ug/L
RT: 3.351 min Scan# 64
Delta R.T. 0.003 min
Lab File: VU059718.D
Acq: 02 Jul 2024 04:51

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 2868

Ion	Ratio	Lower	Upper
96	100		
61	121.2	101.8	189.0
98	63.1	43.3	80.5

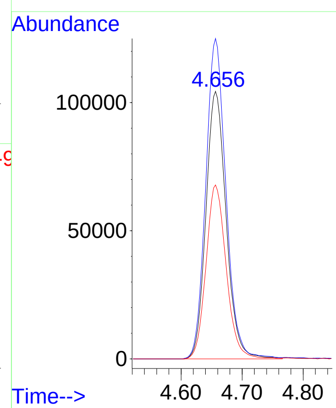


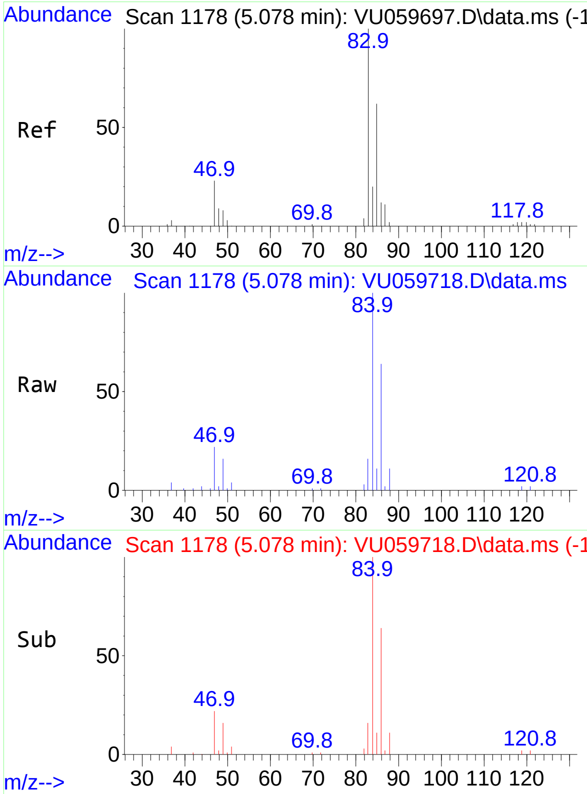


#22
cis-1,2-Dichloroethene
Concen: 13.356 ug/L
RT: 4.656 min Scan# 1047
Delta R.T. -0.003 min
Lab File: VU059718.D
Acq: 02 Jul 2024 04:51

Tgt Ion: 96 Resp: 240798

Ion	Ratio	Lower	Upper
96	100		
61	119.8	87.4	162.2
98	65.0	42.3	78.5





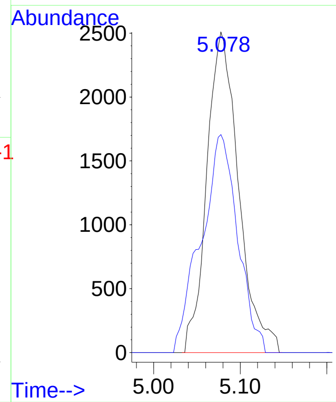
#25
Chloroform
Concen: 0.201 ug/L
RT: 5.078 min   Scan# 1

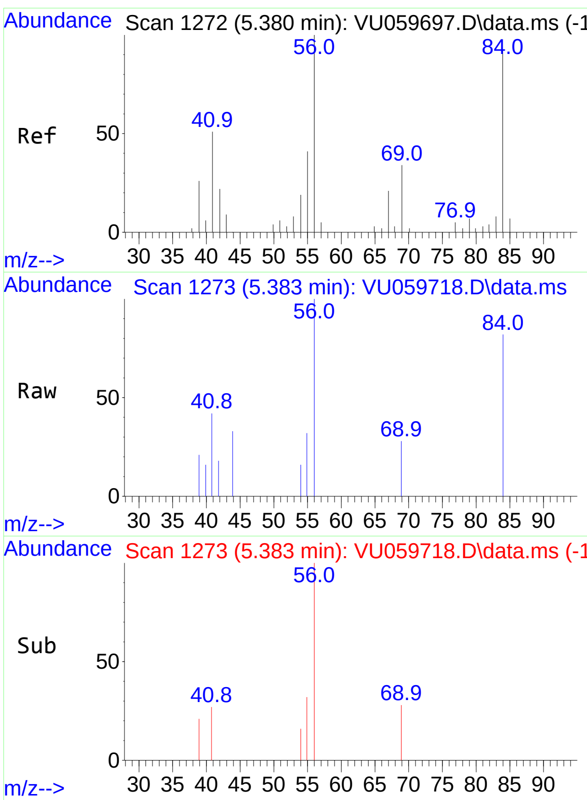
Instrument :
MSVOA_U
ClientSampleId :

Delta R.T.   0.000 min
Lab File: VU059718.D
Acq: 02 Jul 2024   04:51

Tgt Ion: 83 Resp: 6400

Ion	Ratio	Lower	Upper
83	100		
85	68.0	44.7	83.1

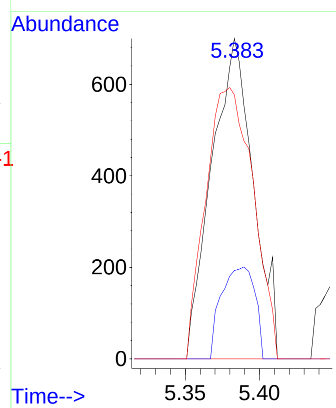


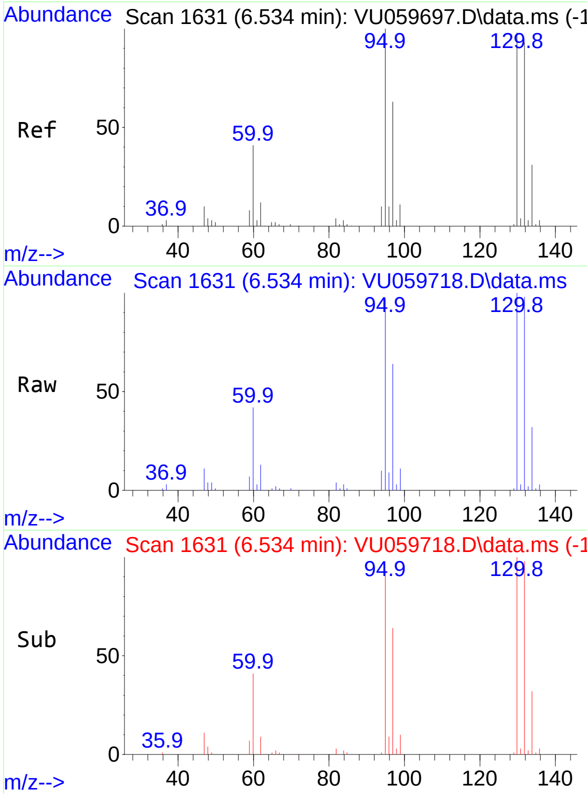


#30
Cyclohexane
Concen: 0.061 ug/L
RT: 5.383 min   Scan# 1273
Delta R.T.   0.003 min
Lab File: VU059718.D
Acq: 02 Jul 2024   04:51

Tgt Ion: 56 Resp: 1365

Ion	Ratio	Lower	Upper
56	100		
69	23.1	24.8	37.2#
84	96.6	69.8	104.8



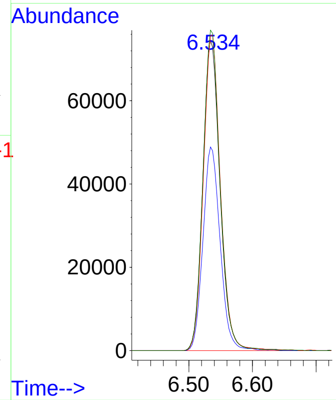


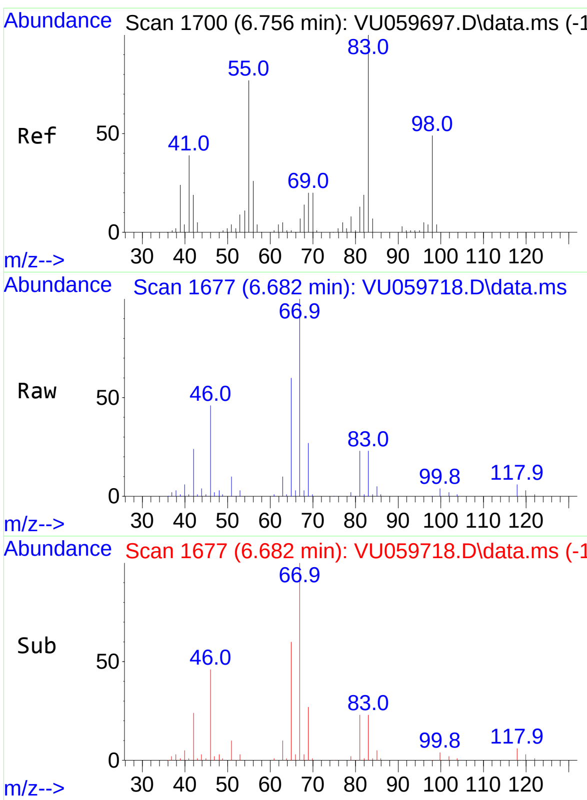
#34
Trichloroethene
Concen: 7.819 ug/L
RT: 6.534 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU059718.D
Acq: 02 Jul 2024 04:51

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 141068

Ion	Ratio	Lower	Upper
95	100		
97	65.6	45.3	84.1
132	101.5	64.0	119.0
130	103.3	69.1	128.3

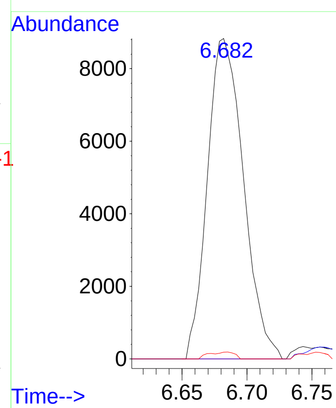


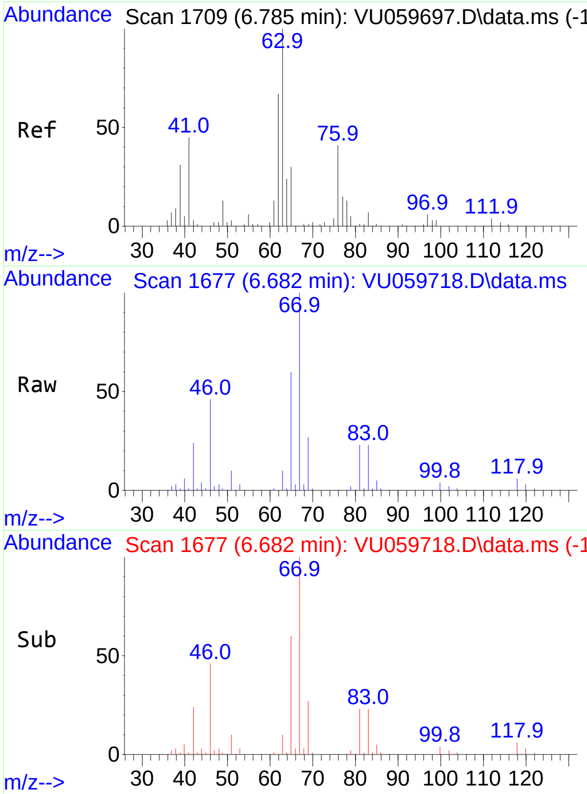


#35
Methylcyclohexane
Concen: 0.666 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU059718.D
Acq: 02 Jul 2024 04:51

Tgt Ion: 83 Resp: 17090

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.7	94.1#
98	1.5	35.4	53.0#



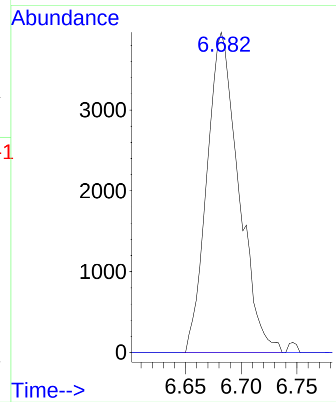


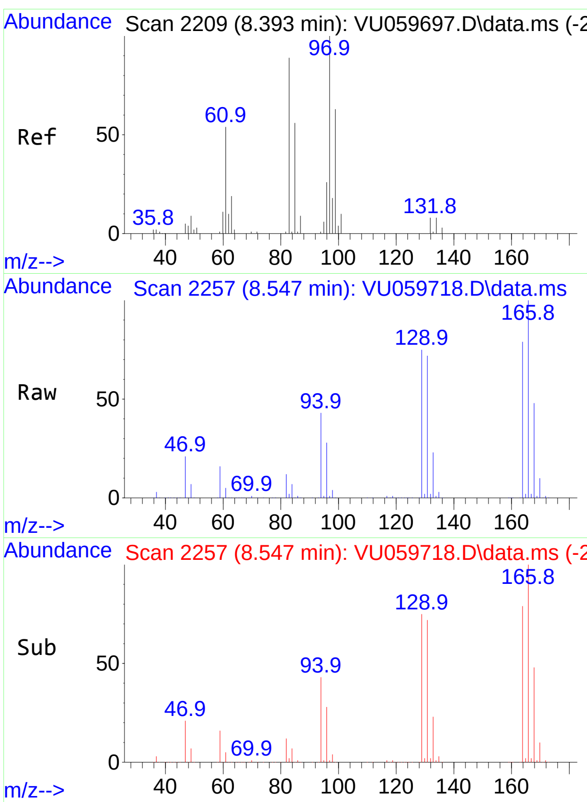
#37
1,2-Dichloropropane
Concen: 0.459 ug/L
RT: 6.682 min Scan# 1(
Delta R.T. -0.103 min
Lab File: VU059718.D
Acq: 02 Jul 2024 04:51

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 7907

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.6	3.8#

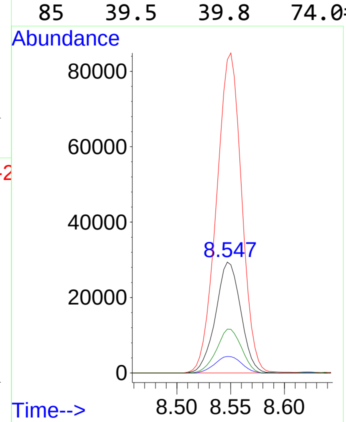


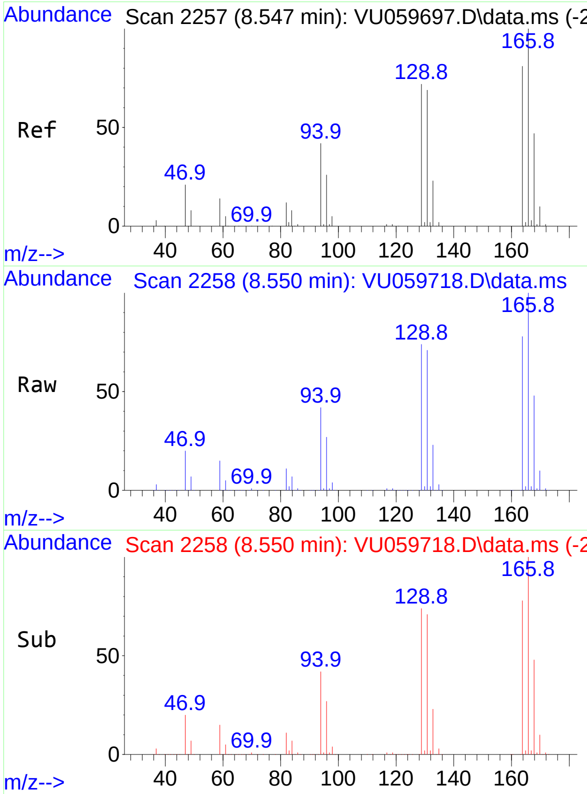


#45
1,1,2-Trichloroethane
Concen: 3.770 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.154 min
Lab File: VU059718.D
Acq: 02 Jul 2024 04:51

Tgt Ion: 97 Resp: 47903

Ion	Ratio	Lower	Upper
97	100		
99	14.9	43.3	80.3#
83	282.3	62.3	115.7#
85	39.5	39.8	74.0#



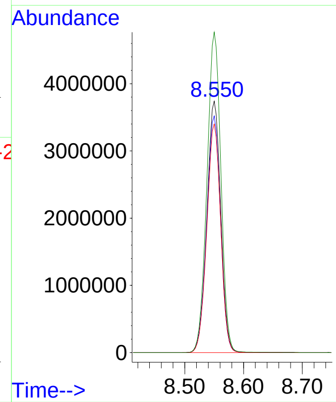


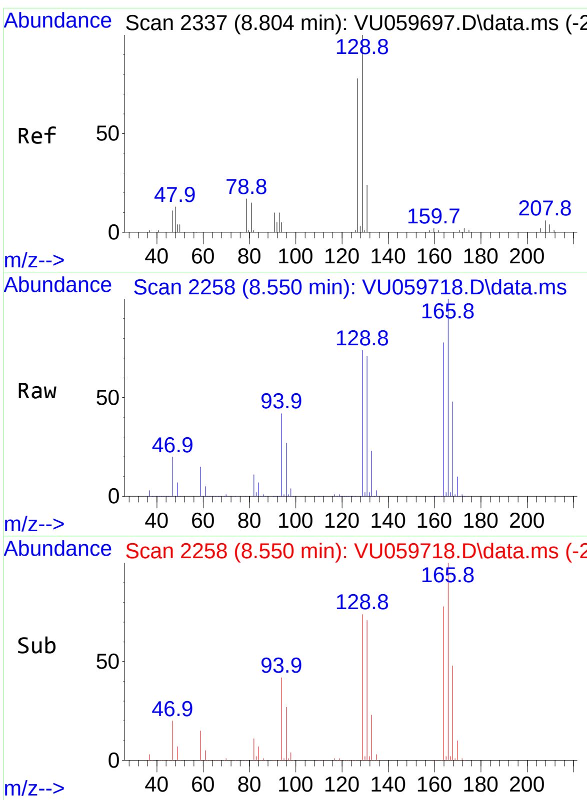
#47
Tetrachloroethene
Concen: 441.259 ug/L
RT: 8.550 min Scan# 2
Delta R.T. 0.003 min
Lab File: VU059718.D
Acq: 02 Jul 2024 04:51

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:164 Resp: 6177976

Ion	Ratio	Lower	Upper
164	100		
129	94.2	70.8	131.4
131	90.9	64.8	120.3
166	127.5	91.1	169.1

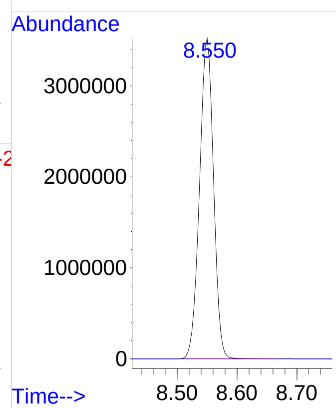


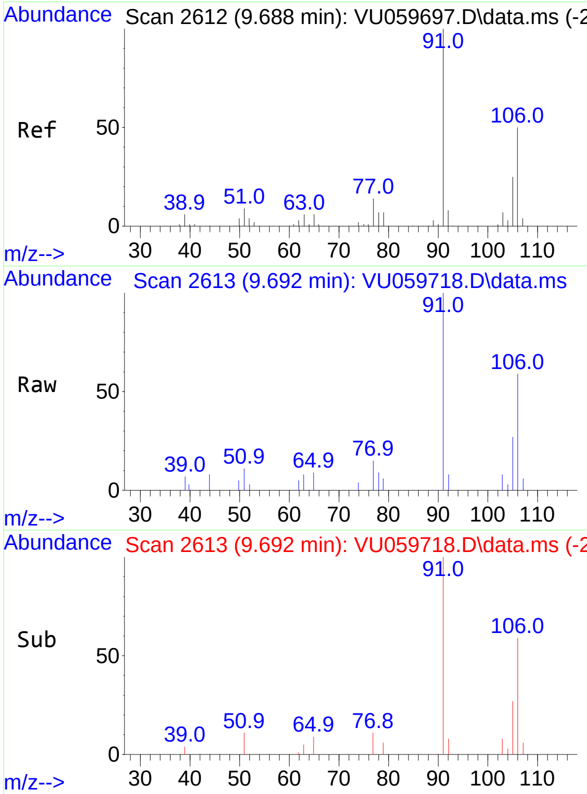


#49
Dibromochloromethane
Concen: 408.222 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.251 min
Lab File: VU059718.D
Acq: 02 Jul 2024 04:51

Tgt Ion:129 Resp: 5745327

Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.5	97.5#



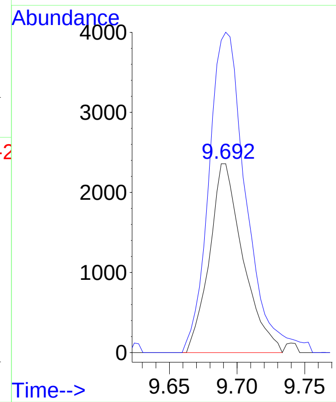


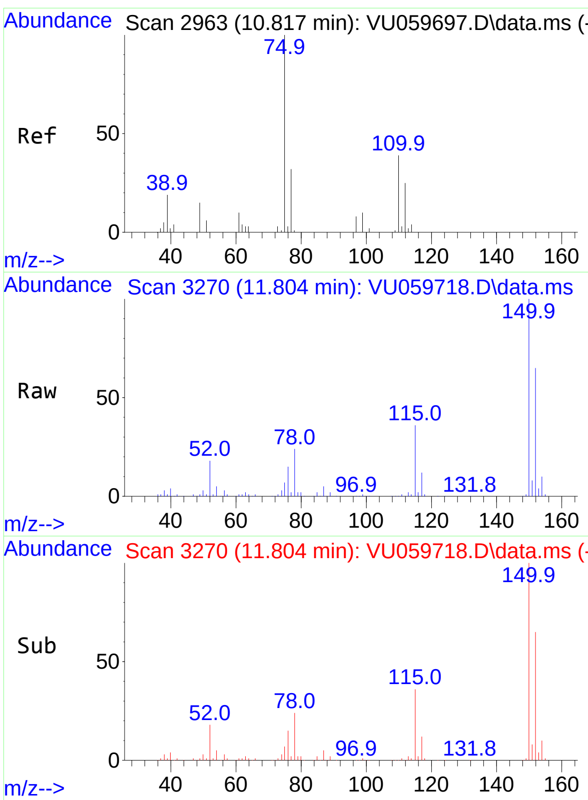
#53
m,p-Xylene
Concen: 0.146 ug/L
RT: 9.692 min Scan# 2(
Delta R.T. 0.003 min
Lab File: VU059718.D
Acq: 02 Jul 2024 04:51

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:106 Resp: 4069

Ion	Ratio	Lower	Upper
106	100		
91	169.6	142.0	263.8

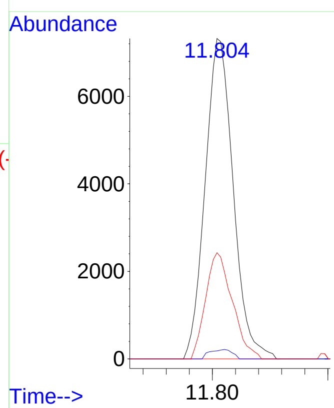


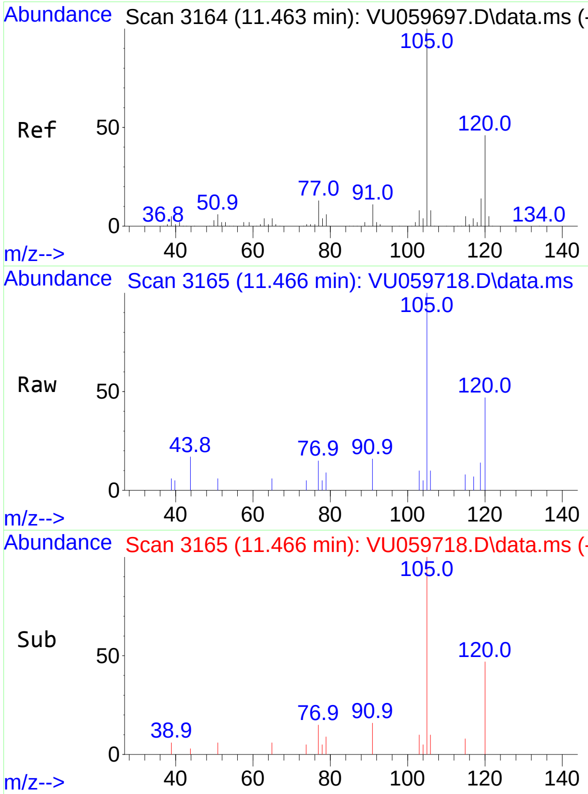


#61
1,2,3-Trichloropropane
Concen: 1.213 ug/L
RT: 11.804 min Scan# 3270
Delta R.T. 0.987 min
Lab File: VU059718.D
Acq: 02 Jul 2024 04:51

Tgt Ion: 75 Resp: 12345

Ion	Ratio	Lower	Upper
75	100		
110	2.4	27.1	40.7#
77	31.5	25.4	38.2



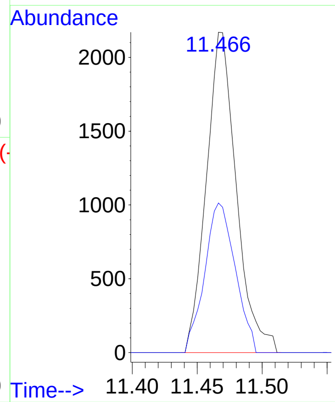


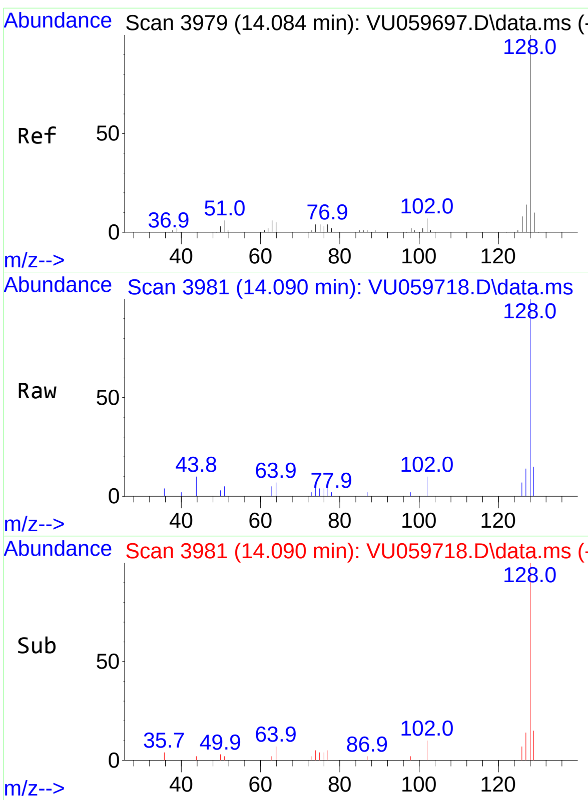
#63
1,2,4-Trimethylbenzene
Concen: 0.068 ug/L
RT: 11.466 min Scan# 3
Delta R.T. 0.003 min
Lab File: VU059718.D
Acq: 02 Jul 2024 04:51

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:105 Resp: 3483

Ion	Ratio	Lower	Upper
105	100		
120	47.6	35.4	53.0





#71
Naphthalene
Concen: 0.377 ug/L
RT: 14.090 min Scan# 3981
Delta R.T. 0.006 min
Lab File: VU059718.D
Acq: 02 Jul 2024 04:51

Tgt Ion:128 Resp: 10594

Ion	Ratio	Lower	Upper
128	100		
129	13.1	8.2	12.4#
127	12.1	10.2	15.4