Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092024\
Data File : VU060957.D
Acq On : 20 Sep 2024 21:18
Operator : MD/SY
Sample : P4092-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0B15

Quant Time: Sep 21 01:45:33 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Sep 21 01:39:49 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	127739	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	131125	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	52089	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	32775	2.853	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 57.000%			
7) Chloroethane-d5	1.907	69	31880	3.897	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 78.000%			
11) 1,1-Dichloroethene-d2	2.560	65	12847	3.155	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 63.000%			
20) 2-Butanone-d5	4.624	46	98422	53.361	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 106.720%			
24) Chloroform-d	5.055	84	74157	4.222	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.400%			
26) 1,2-Dichloroethane-d4	5.695	65	39163	4.665	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.200%			
32) Benzene-d6	5.717	84	133219	3.791	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 75.800%			
36) 1,2-Dichloropropane-d6	6.682	67	50983	4.689	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.800%			
41) Toluene-d8	7.894	98	110897	3.461	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 69.200%#			
43) trans-1,3-Dichloroprop...	8.177	79	14011	3.580	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 71.600%			
46) 2-Hexanone-d5	8.627	63	78583	50.895	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.800%			
56) 1,1,2,2-Tetrachloroeth...	10.749	84	40508	4.755	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.200%			
66) 1,2-Dichlorobenzene-d4	12.190	152	39997	4.570	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 91.400%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	60632	6.891	ug/L	98
12) 1,1-Dichloroethene	2.573	96	114645	14.268	ug/L #	77
16) Methylene chloride	3.039	84	2759	0.297	ug/L	95
18) trans-1,2-Dichloroethene	3.357	96	851	0.102	ug/L #	72
19) 1,1-Dichloroethane	3.865	63	8769	0.525	ug/L	95
22) cis-1,2-Dichloroethene	4.660	96	83188	9.028	ug/L	98
25) Chloroform	5.081	83	11206	0.643	ug/L	95
34) Trichloroethene	6.534	95	1456120	154.060	ug/L	97
47) Tetrachloroethene	8.544	164	111653	14.865	ug/L	98

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

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Quant Title : TRACE VOA SFAM1.0
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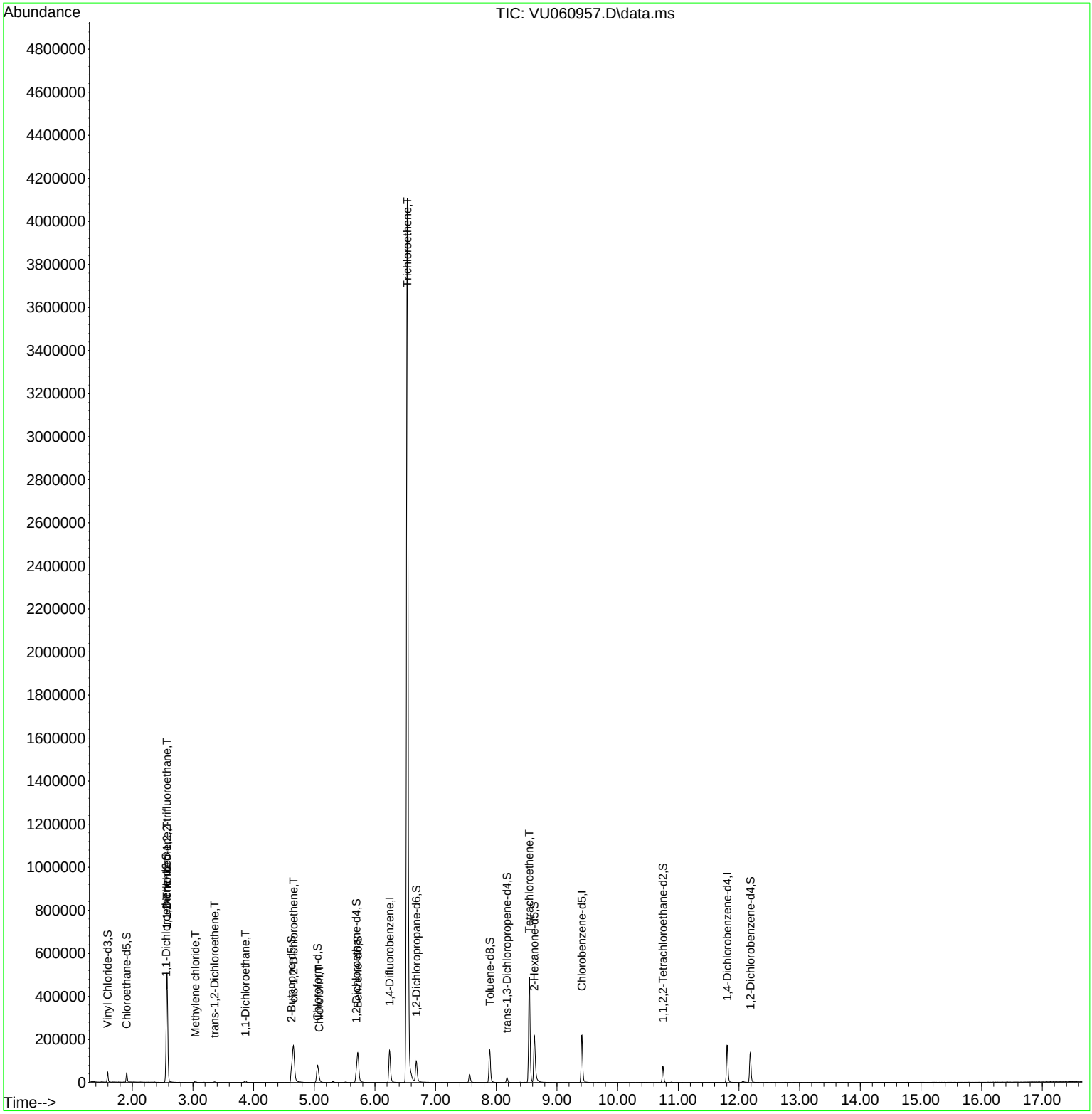
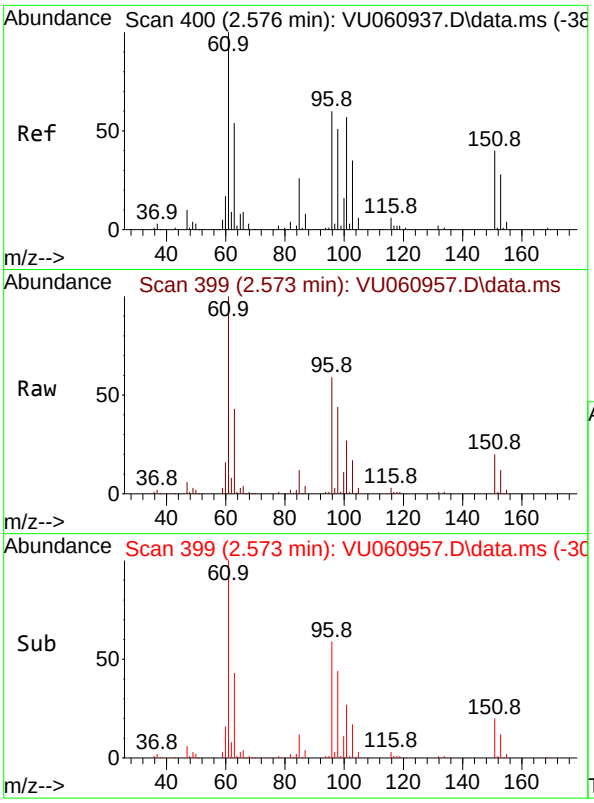


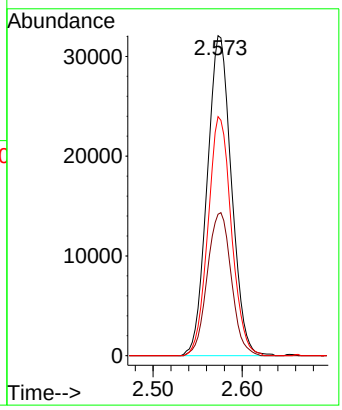


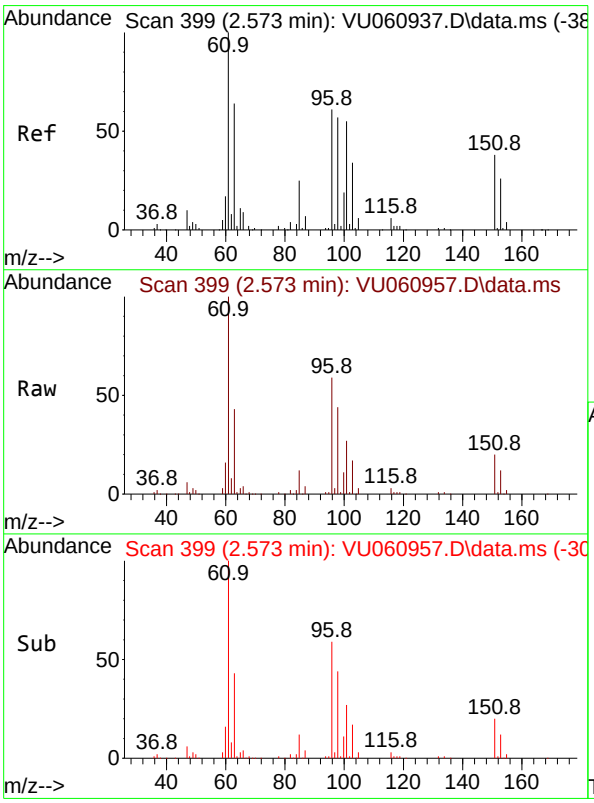
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 6.891 ug/L
RT: 2.573 min Scan# 3
Delta R.T. -0.003 min
Lab File: VU060957.D
Acq: 20 Sep 2024 21:18

Instrument :
MSVOA_U
ClientSampleId :
C0B15

Tgt Ion:101 Resp: 60632

Ion	Ratio	Lower	Upper
101	100		
85	44.3	34.2	51.4
151	72.3	58.6	88.0

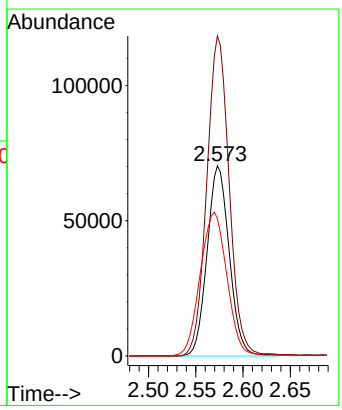


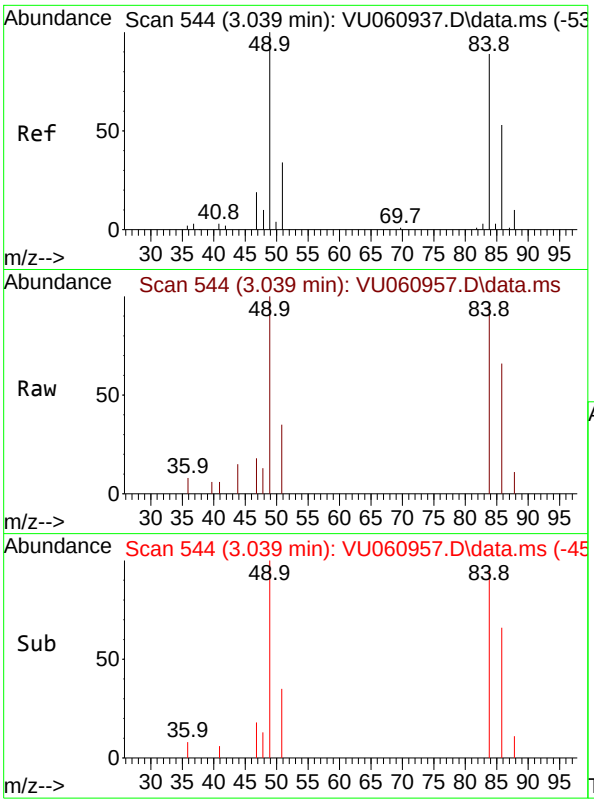


#12
1,1-Dichloroethene
Concen: 14.268 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU060957.D
Acq: 20 Sep 2024 21:18

Tgt Ion: 96 Resp: 114645

Ion	Ratio	Lower	Upper
96	100		
61	168.1	120.7	224.1
63	72.3	90.0	167.2#



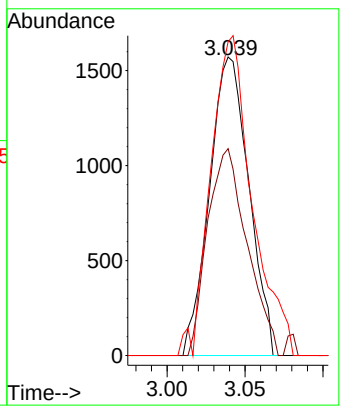


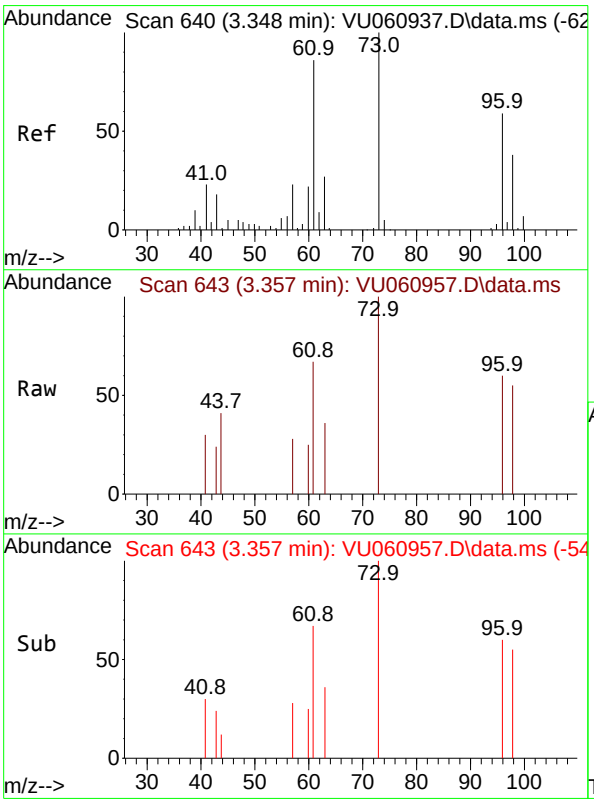
#16
Methylene chloride
Concen: 0.297 ug/L
RT: 3.039 min Scan# 54
Delta R.T. -0.000 min
Lab File: VU060957.D
Acq: 20 Sep 2024 21:18

Instrument :
MSVOA_U
ClientSampleId :
C0B15

Tgt Ion: 84 Resp: 2759

Ion	Ratio	Lower	Upper
84	100		
86	69.3	47.3	87.8
49	105.1	78.7	146.1

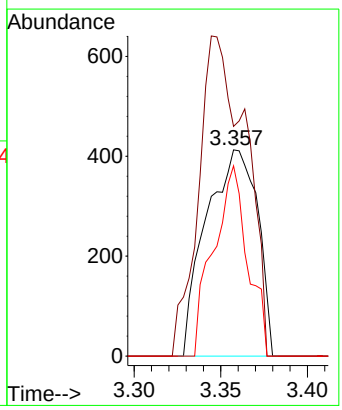


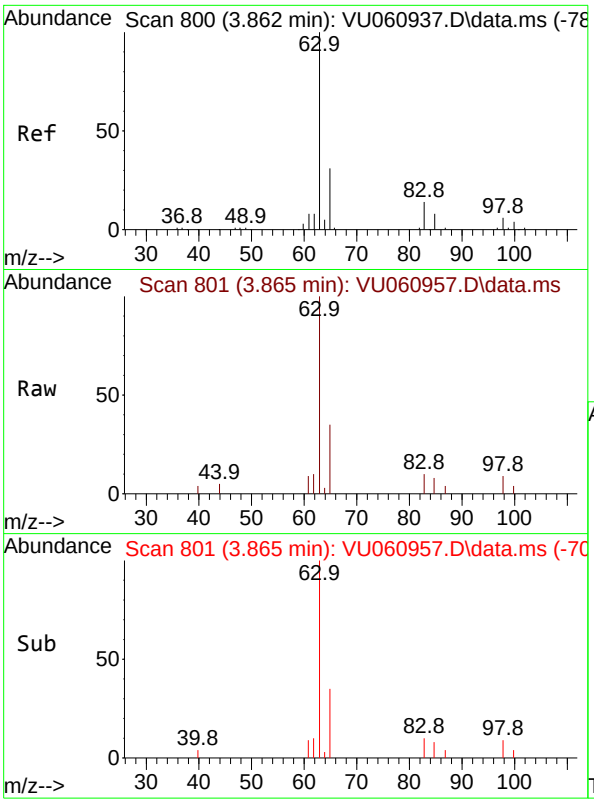


#18
trans-1,2-Dichloroethene
Concen: 0.102 ug/L
RT: 3.357 min Scan# 643
Delta R.T. 0.009 min
Lab File: VU060957.D
Acq: 20 Sep 2024 21:18

Tgt Ion: 96 Resp: 851

Ion	Ratio	Lower	Upper
96	100		
61	111.4	97.2	180.6
98	92.3	43.3	80.5#



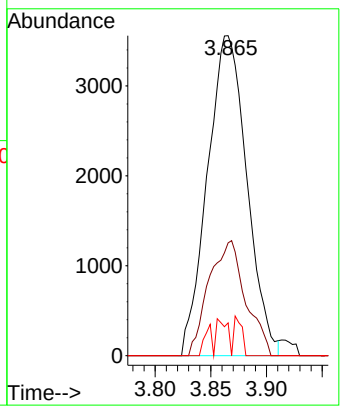


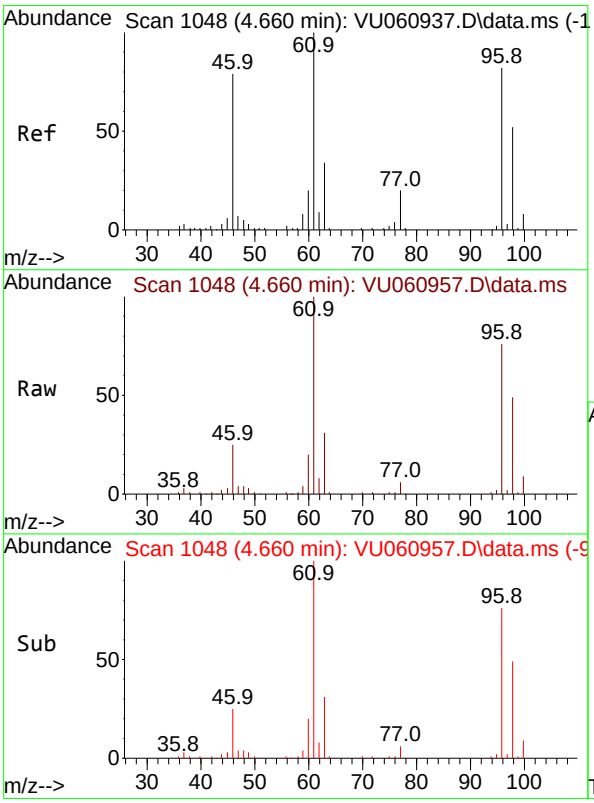
#19
1,1-Dichloroethane
Concen: 0.525 ug/L
RT: 3.865 min Scan# 8
Delta R.T. 0.003 min
Lab File: VU060957.D
Acq: 20 Sep 2024 21:18

Instrument :
MSVOA_U
ClientSampleId :
C0B15

Tgt Ion: 63 Resp: 8769

Ion	Ratio	Lower	Upper
63	100		
65	35.3	23.0	42.8
83	10.3	9.0	16.6

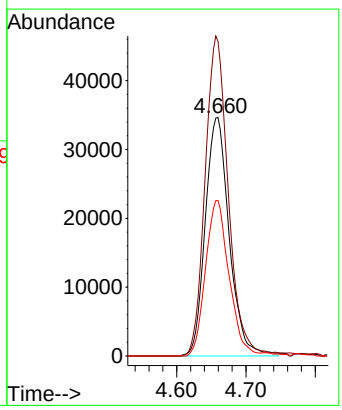


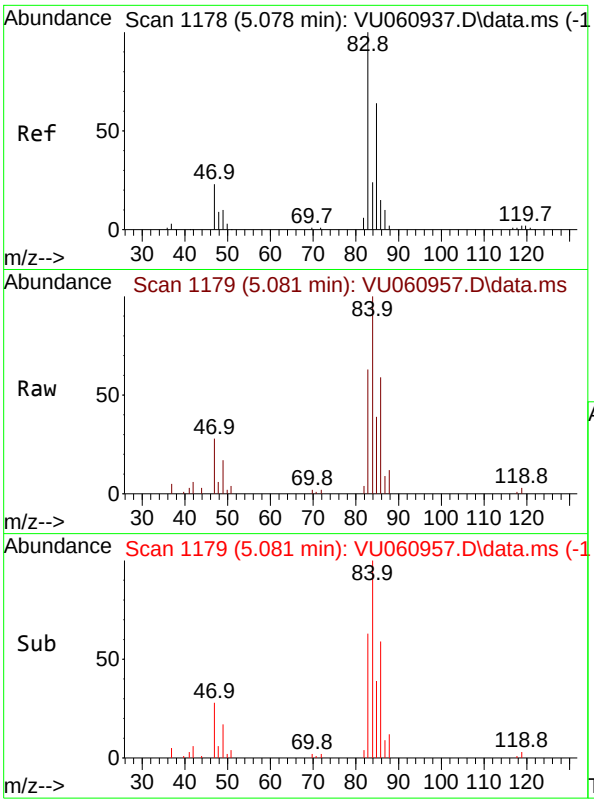


#22
cis-1,2-Dichloroethene
Concen: 9.028 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. -0.000 min
Lab File: VU060957.D
Acq: 20 Sep 2024 21:18

Tgt Ion: 96 Resp: 83188

Ion	Ratio	Lower	Upper
96	100		
61	131.9	89.7	166.5
98	65.2	45.1	83.9



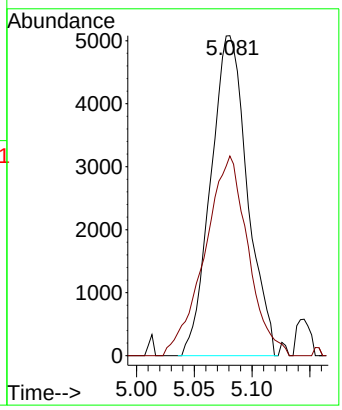


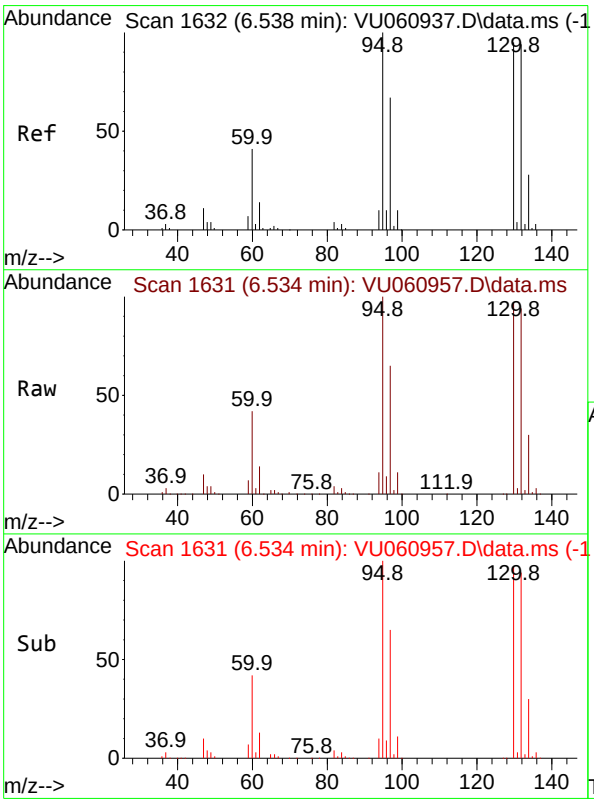
#25
Chloroform
Concen: 0.643 ug/L
RT: 5.081 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU060957.D
Acq: 20 Sep 2024 21:18

Instrument :
MSVOA_U
ClientSampleId :
C0B15

Tgt Ion: 83 Resp: 11206

Ion	Ratio	Lower	Upper
83	100		
85	62.4	46.8	86.8

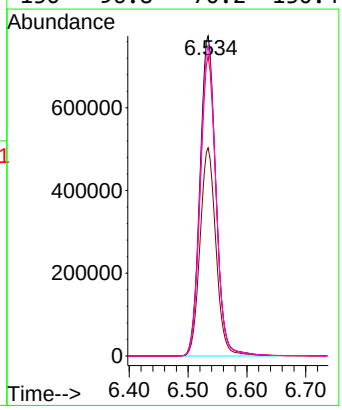


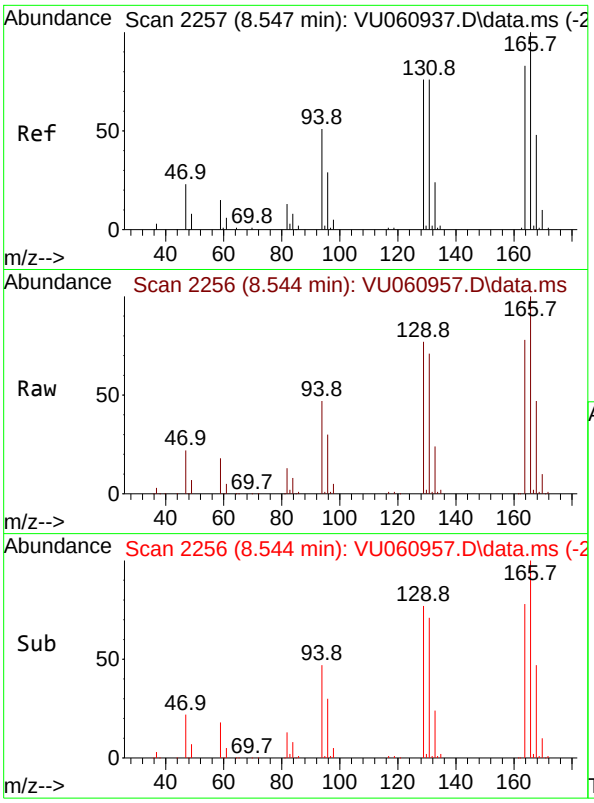


#34
Trichloroethene
Concen: 154.060 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. -0.003 min
Lab File: VU060957.D
Acq: 20 Sep 2024 21:18

Tgt Ion: 95 Resp: 1456120

Ion	Ratio	Lower	Upper
95	100		
97	65.1	44.9	83.5
132	93.6	63.5	117.9
130	96.8	70.2	130.4





#47
Tetrachloroethene
Concen: 14.865 ug/L
RT: 8.544 min Scan# 2
Delta R.T. -0.003 min
Lab File: VU060957.D
Acq: 20 Sep 2024 21:18

Instrument :
MSVOA_U
ClientSampleId :
C0B15

Tgt Ion:164 Resp: 111653

Ion	Ratio	Lower	Upper
164	100		
129	98.1	67.3	124.9
131	90.1	65.4	121.4
166	127.4	89.5	166.1