Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091824\
Data File : VU060884.D
Acq On : 18 Sep 2024 20:51
Operator : MD/SY
Sample : P3952-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0B40

Quant Time: Sep 19 05:18:09 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Sep 19 05:11:13 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	170598	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	178029	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	71205	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	40292	2.626	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 52.600%			
7) Chloroethane-d5	1.911	69	33702	3.085	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 61.600%#			
11) 1,1-Dichloroethene-d2	2.560	65	16047	2.951	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 59.000%#			
20) 2-Butanone-d5	4.634	46	91440	37.121	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 74.240%			
24) Chloroform-d	5.055	84	80786	3.444	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 68.800%#			
26) 1,2-Dichloroethane-d4	5.695	65	38218	3.409	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 68.200%#			
32) Benzene-d6	5.721	84	157840	3.308	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 66.200%#			
36) 1,2-Dichloropropane-d6	6.682	67	52884	3.582	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 71.600%			
41) Toluene-d8	7.891	98	133674	3.073	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 61.400%#			
43) trans-1,3-Dichloroprop...	8.177	79	17152	3.228	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 64.600%			
46) 2-Hexanone-d5	8.631	63	77025	36.743	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 73.480%			
56) 1,1,2,2-Tetrachloroeth...	10.750	84	40960	3.541	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 70.800%			
66) 1,2-Dichlorobenzene-d4	12.187	152	48242	4.032	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 80.600%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	5676	0.483	ug/L	93
12) 1,1-Dichloroethene	2.576	96	122551	11.420	ug/L #	68
18) trans-1,2-Dichloroethene	3.351	96	2429	0.218	ug/L	95
19) 1,1-Dichloroethane	3.862	63	77421	3.468	ug/L	98
22) cis-1,2-Dichloroethene	4.657	96	184585	14.999	ug/L	95
29) 1,1,1-Trichloroethane	5.309	97	21505	1.119	ug/L	98
34) Trichloroethene	6.534	95	311226	24.253	ug/L	95
45) 1,1,2-Trichloroethane	8.396	97	1196	0.123	ug/L	85
47) Tetrachloroethene	8.547	164	191970	18.824	ug/L	99

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

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Quant Time: Sep 19 05:18:09 2024
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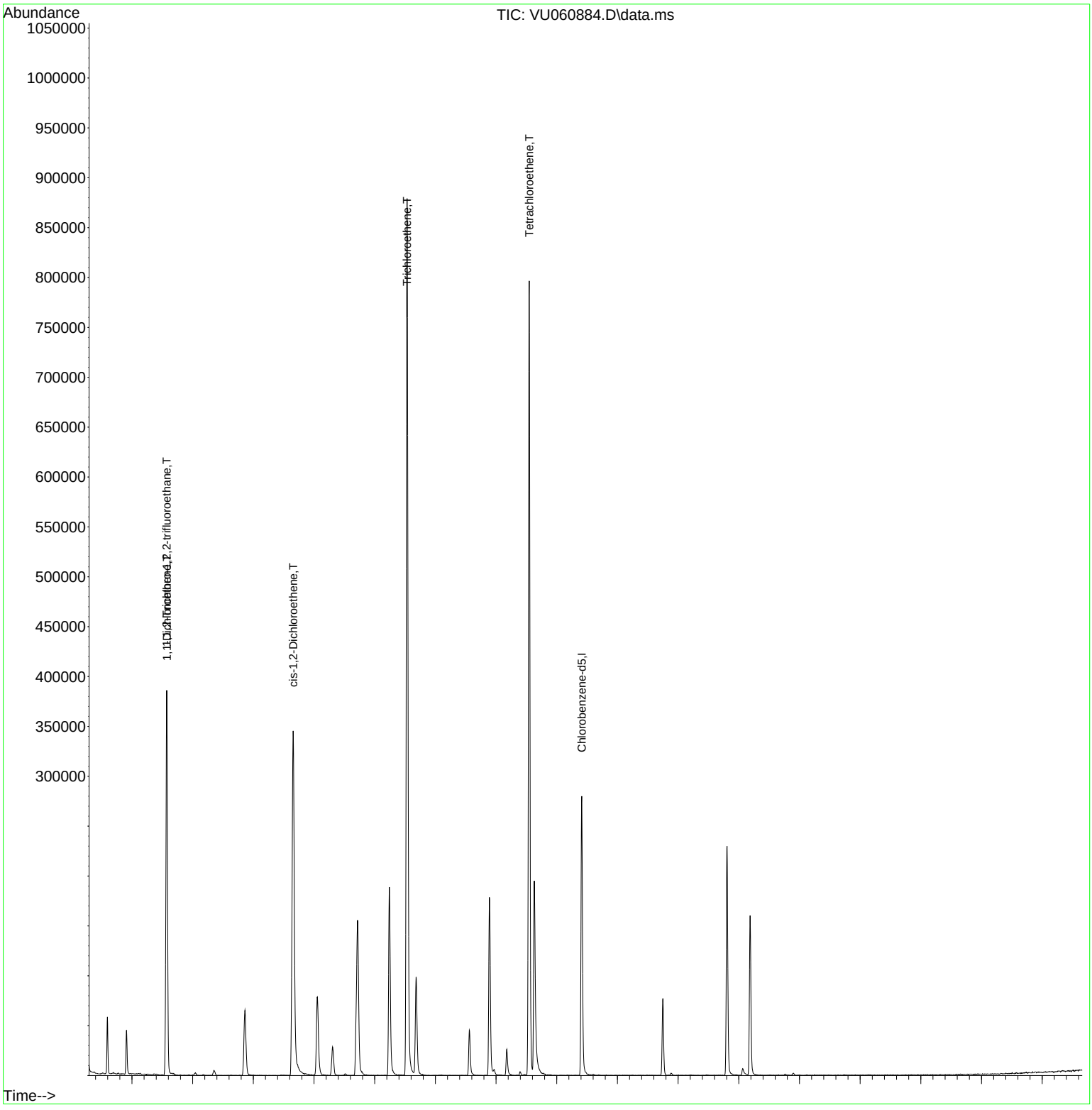
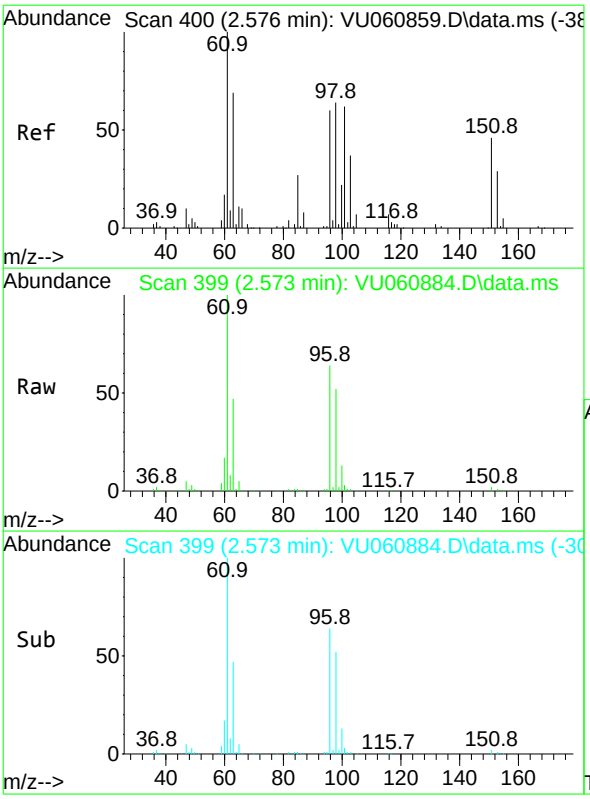
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Sep 19 05:11:13 2024
Response via : Initial Calibration



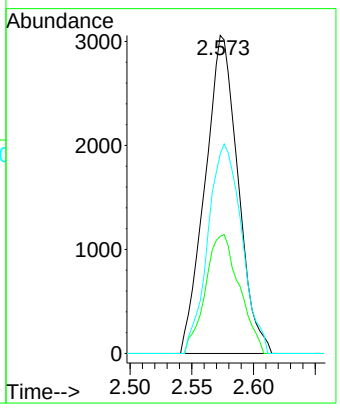


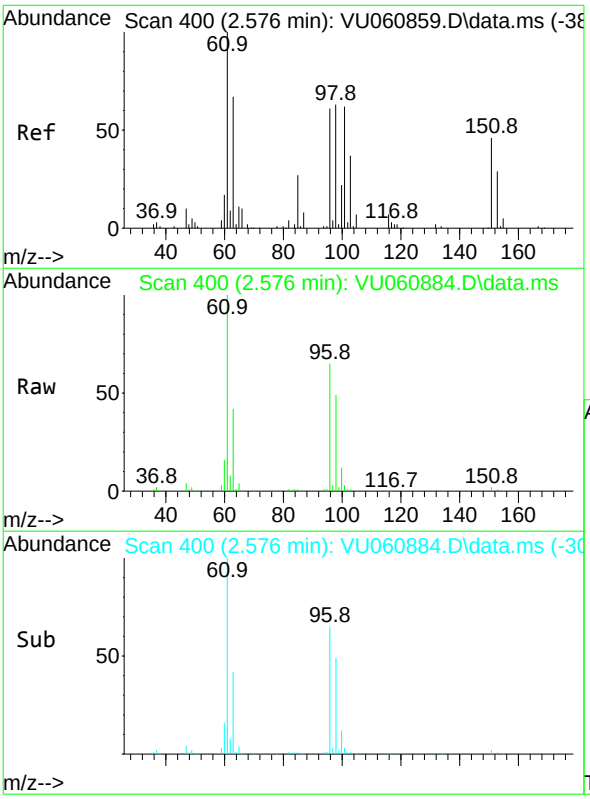
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.483 ug/L
RT: 2.573 min Scan# 39
Delta R.T. -0.003 min
Lab File: VU060884.D
Acq: 18 Sep 2024 20:51

Instrument :
MSVOA_U
ClientSampleId :
C0B40

Tgt Ion:101 Resp: 5676

Ion	Ratio	Lower	Upper
101	100		
85	38.6	34.2	51.4
151	67.6	58.6	88.0

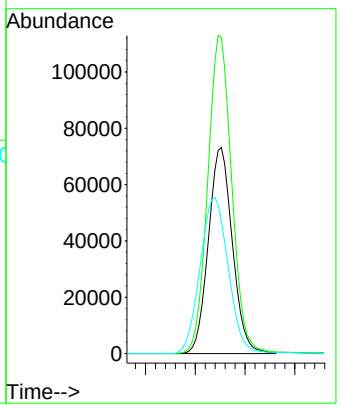


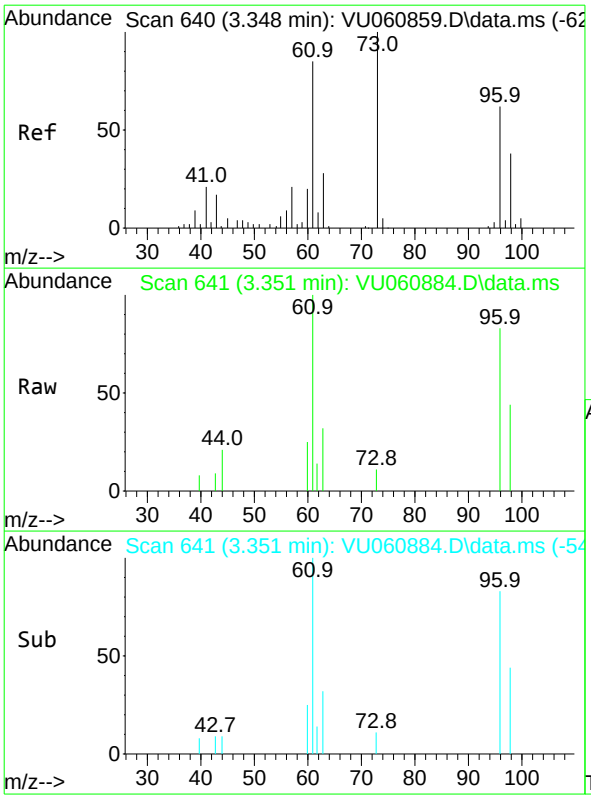


#12
1,1-Dichloroethene
Concen: 11.420 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU060884.D
Acq: 18 Sep 2024 20:51

Tgt Ion: 96 Resp: 122551

Ion	Ratio	Lower	Upper
96	100		
61	153.3	120.7	224.1
63	64.5	90.0	167.2#



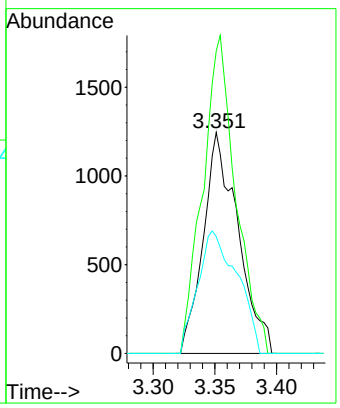


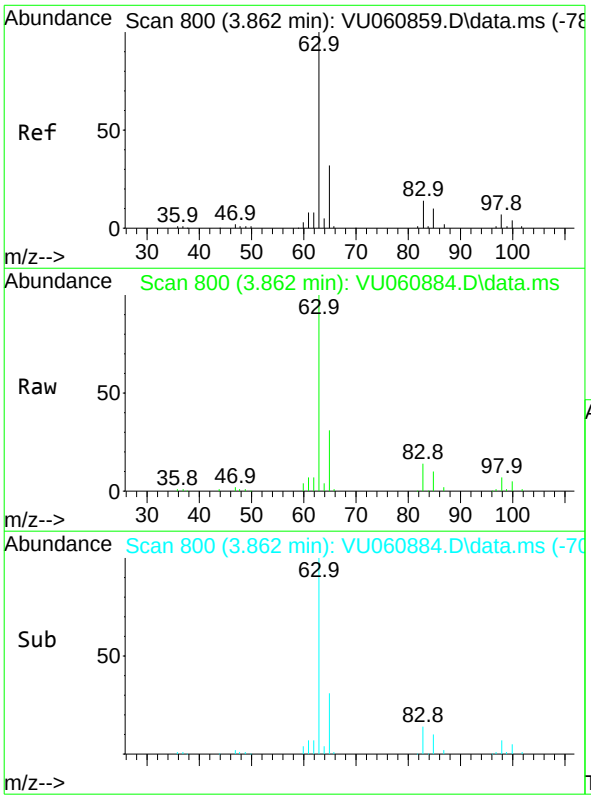
#18
trans-1,2-Dichloroethene
Concen: 0.218 ug/L
RT: 3.351 min Scan# 64
Delta R.T. 0.003 min
Lab File: VU060884.D
Acq: 18 Sep 2024 20:51

Instrument :
MSVOA_U
ClientSampleId :
C0B40

Tgt Ion: 96 Resp: 2429

Ion	Ratio	Lower	Upper
96	100		
61	136.9	97.2	180.6
98	52.9	43.3	80.5

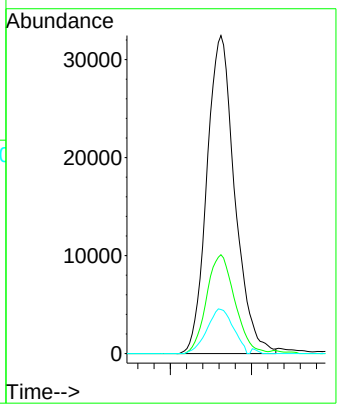


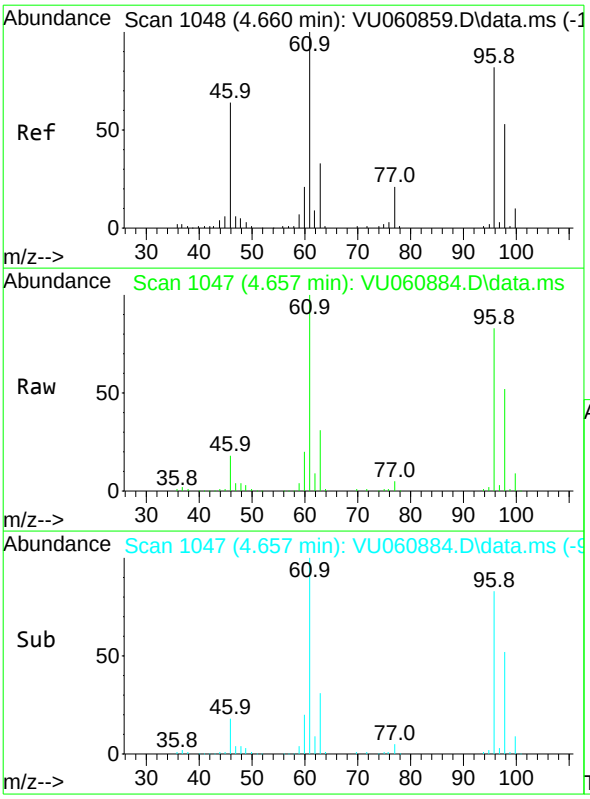


#19
1,1-Dichloroethane
Concen: 3.468 ug/L
RT: 3.862 min Scan# 800
Delta R.T. 0.000 min
Lab File: VU060884.D
Acq: 18 Sep 2024 20:51

Tgt Ion: 63 Resp: 77421

Ion	Ratio	Lower	Upper
63	100		
65	31.8	23.0	42.8
83	13.9	9.0	16.6



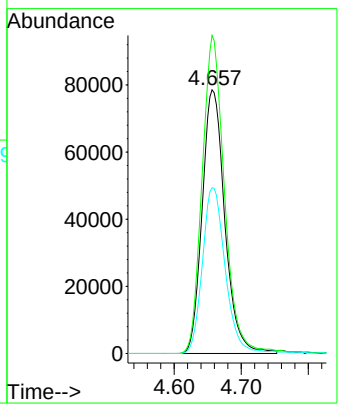


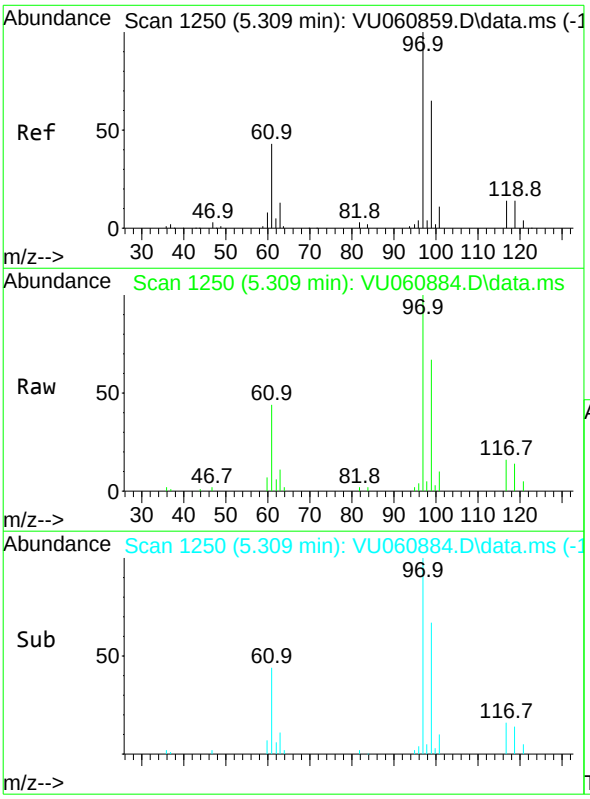
#22
cis-1,2-Dichloroethene
Concen: 14.999 ug/L
RT: 4.657 min Scan# 10
Delta R.T. -0.003 min
Lab File: VU060884.D
Acq: 18 Sep 2024 20:51

Instrument :
MSVOA_U
ClientSampleId :
C0B40

Tgt Ion: 96 Resp: 184585

Ion	Ratio	Lower	Upper
96	100		
61	120.6	89.7	166.5
98	62.8	45.1	83.9

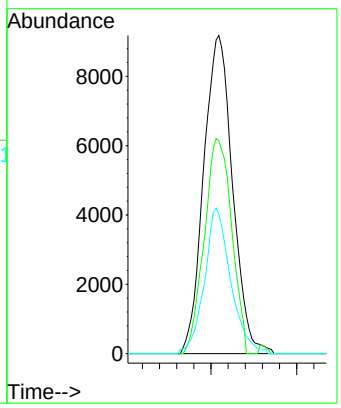


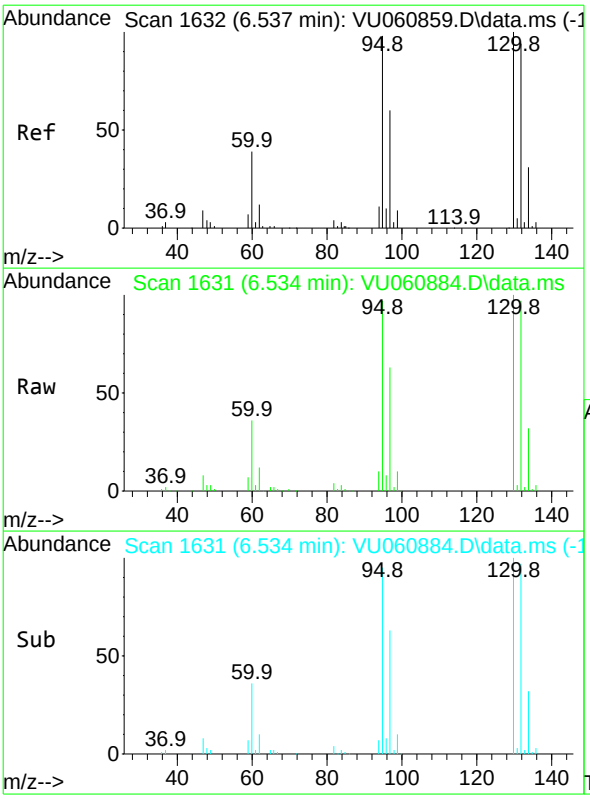


#29
1,1,1-Trichloroethane
Concen: 1.119 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. 0.000 min
Lab File: VU060884.D
Acq: 18 Sep 2024 20:51

Tgt Ion: 97 Resp: 21505

Ion	Ratio	Lower	Upper
97	100		
99	63.9	50.5	75.7
61	41.5	34.4	51.6



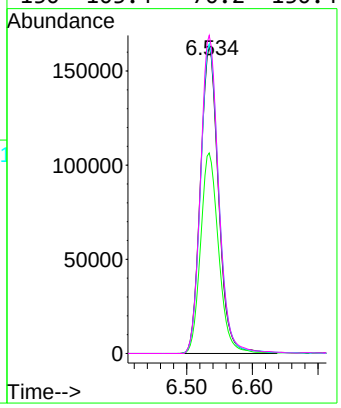


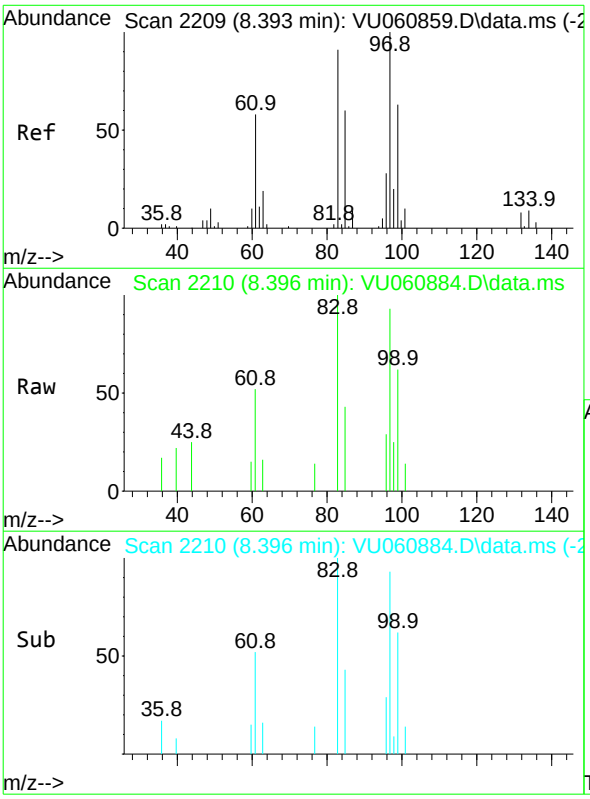
#34
Trichloroethene
Concen: 24.253 ug/L
RT: 6.534 min Scan# 16
Delta R.T. -0.003 min
Lab File: VU060884.D
Acq: 18 Sep 2024 20:51

Instrument :
MSVOA_U
ClientSampleId :
C0B40

Tgt Ion: 95 Resp: 311226

Ion	Ratio	Lower	Upper
95	100		
97	65.2	44.9	83.5
132	100.7	63.5	117.9
130	103.4	70.2	130.4

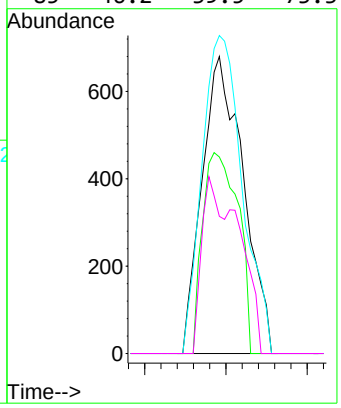


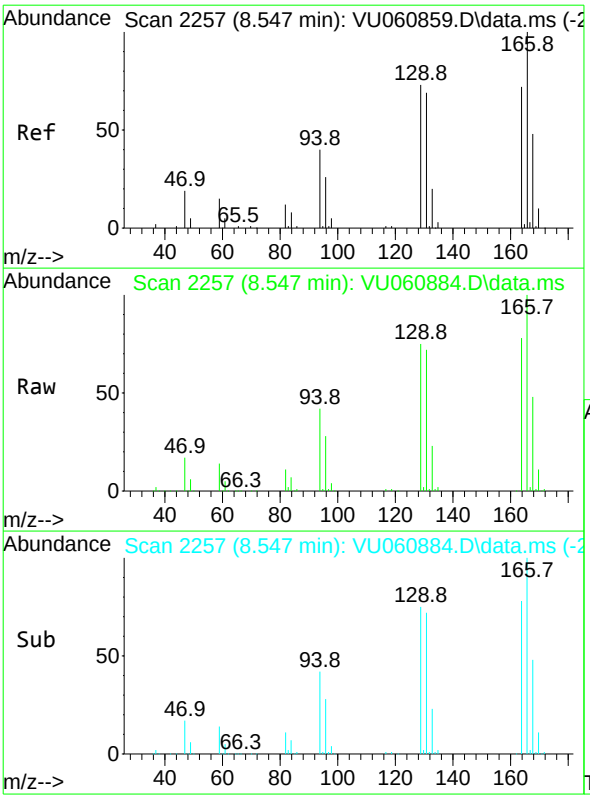


#45
1,1,2-Trichloroethane
Concen: 0.123 ug/L
RT: 8.396 min Scan# 2210
Delta R.T. 0.003 min
Lab File: VU060884.D
Acq: 18 Sep 2024 20:51

Tgt Ion: 97 Resp: 1196

Ion	Ratio	Lower	Upper
97	100		
99	66.2	42.3	78.5
83	107.1	61.7	114.5
85	46.2	39.5	73.3





#47
Tetrachloroethene
Concen: 18.824 ug/L
RT: 8.547 min Scan# 22
Delta R.T. 0.000 min
Lab File: VU060884.D
Acq: 18 Sep 2024 20:51

Instrument :
MSVOA_U
ClientSampleId :
C0B40

Tgt Ion:164 Resp: 191970

Ion	Ratio	Lower	Upper
164	100		
129	96.0	67.3	124.9
131	92.0	65.4	121.4
166	128.2	89.5	166.1