Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091724\
Data File : VU060828.D
Acq On : 17 Sep 2024 13:16
Operator : MD/SY
Sample : P3952-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0B52

Quant Time: Sep 18 01:17:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Sep 18 01:15:55 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	168846	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	179419	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	71879	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	48152	3.171	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 63.400%			
7) Chloroethane-d5	1.911	69	45554	4.213	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 84.200%			
11) 1,1-Dichloroethene-d2	2.563	65	21438	3.983	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 79.600%			
20) 2-Butanone-d5	4.637	46	131160	53.798	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 107.600%			
24) Chloroform-d	5.055	84	115979	4.996	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.000%			
26) 1,2-Dichloroethane-d4	5.695	65	56877	5.125	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.600%			
32) Benzene-d6	5.721	84	225876	4.697	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.000%			
36) 1,2-Dichloropropane-d6	6.682	67	75740	5.091	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.800%			
41) Toluene-d8	7.891	98	189481	4.322	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.400%			
43) trans-1,3-Dichloroprop...	8.177	79	20055	3.745	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 74.800%			
46) 2-Hexanone-d5	8.631	63	99385	47.042	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 94.080%			
56) 1,1,2,2-Tetrachloroeth...	10.746	84	61085	5.240	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 104.800%			
66) 1,2-Dichlorobenzene-d4	12.187	152	66959	5.544	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 110.800%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	6545	0.563	ug/L	91
12) 1,1-Dichloroethene	2.576	96	2161	0.203	ug/L #	1
19) 1,1-Dichloroethane	3.866	63	27881	1.262	ug/L	100
22) cis-1,2-Dichloroethene	4.660	96	29695	2.438	ug/L	95
25) Chloroform	5.078	83	27352	1.187	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	9385	0.485	ug/L	96
31) Carbon tetrachloride	5.518	117	22805	1.330	ug/L	98
34) Trichloroethene	6.538	95	35136	2.717	ug/L	94
47) Tetrachloroethene	8.547	164	71016	6.910	ug/L	99

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

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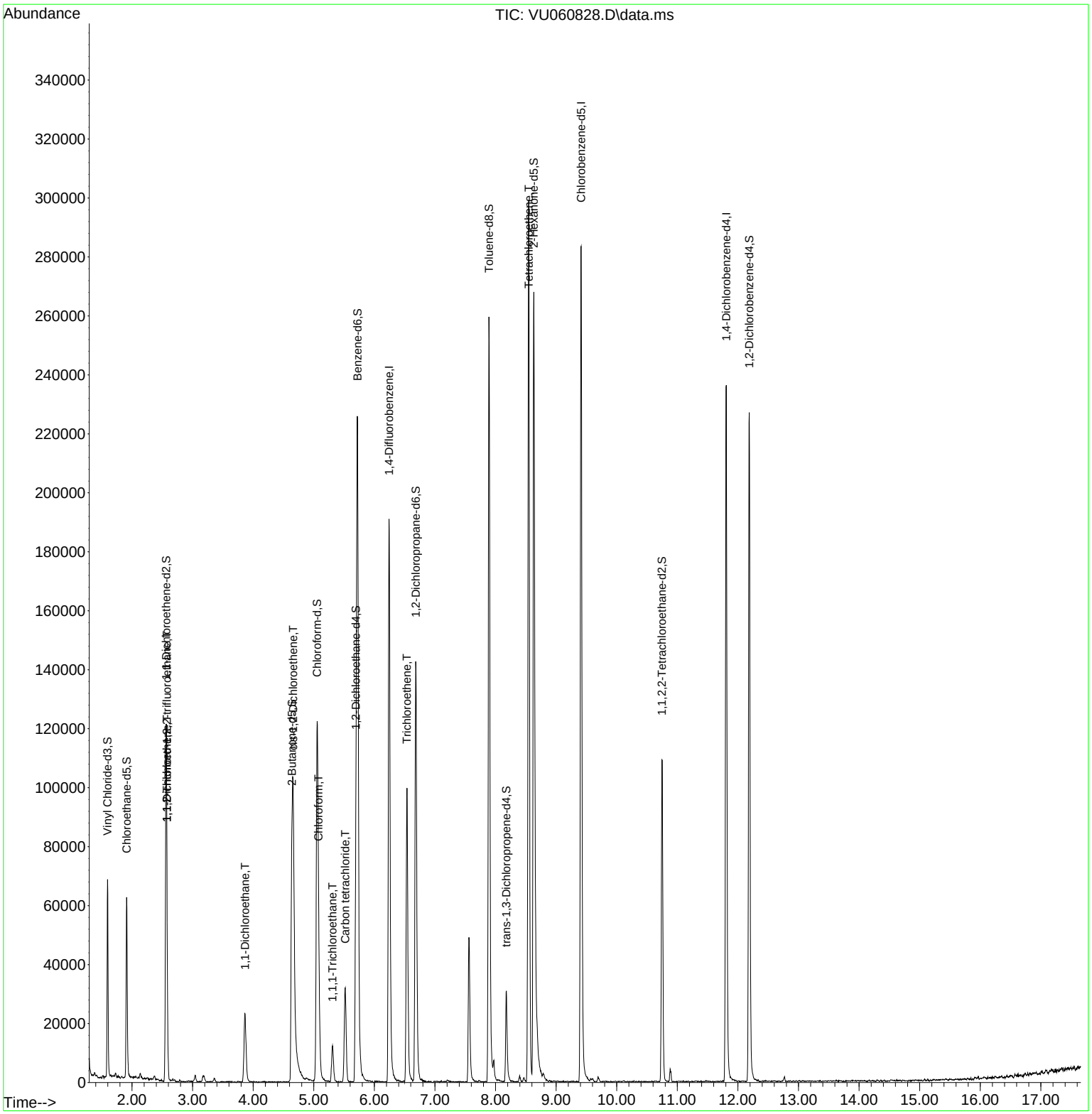
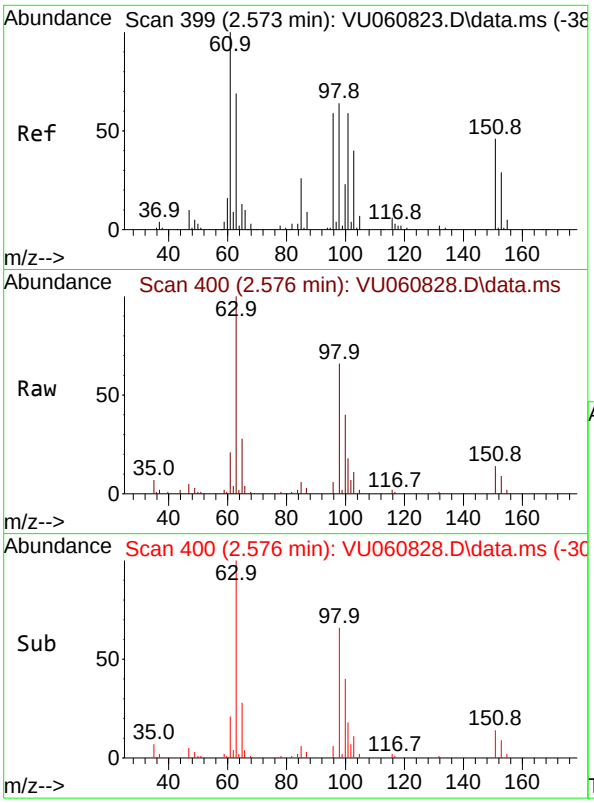
Sample : P3952-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0B52

Quant Time: Sep 18 01:17:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Sep 18 01:15:55 2024
Response via : Initial Calibration



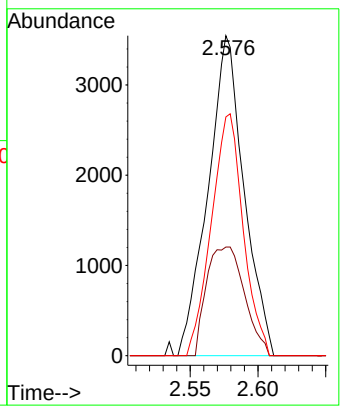


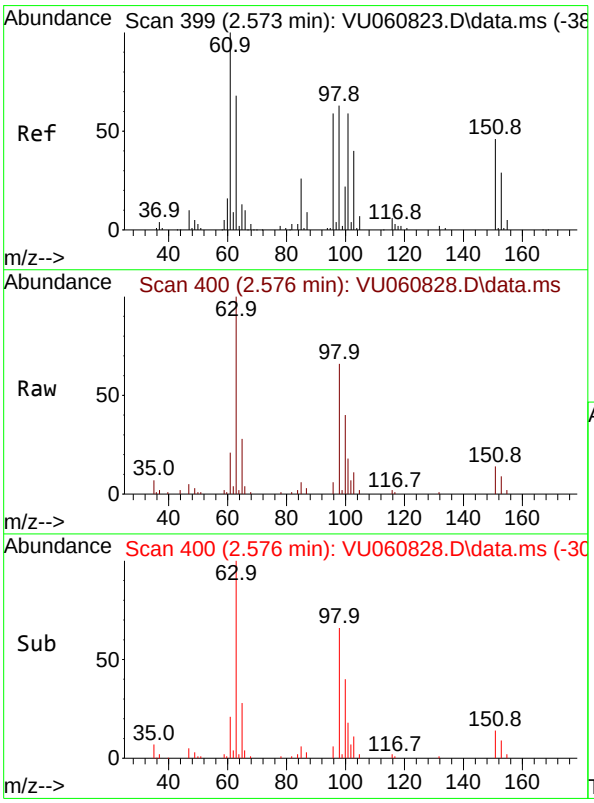
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.563 ug/L
RT: 2.576 min Scan# 4(
Delta R.T. 0.003 min
Lab File: VU060828.D
Acq: 17 Sep 2024 13:16

Instrument :
MSVOA_U
ClientSampleId :
C0B52

Tgt Ion:101 Resp: 6545

Ion	Ratio	Lower	Upper
101	100		
85	35.9	34.2	51.4
151	67.1	58.6	88.0

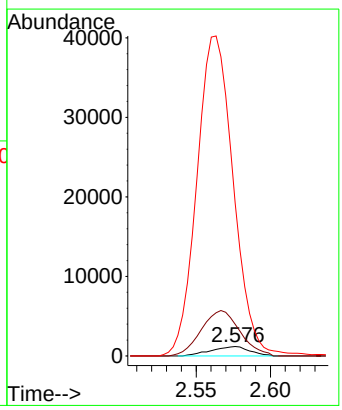


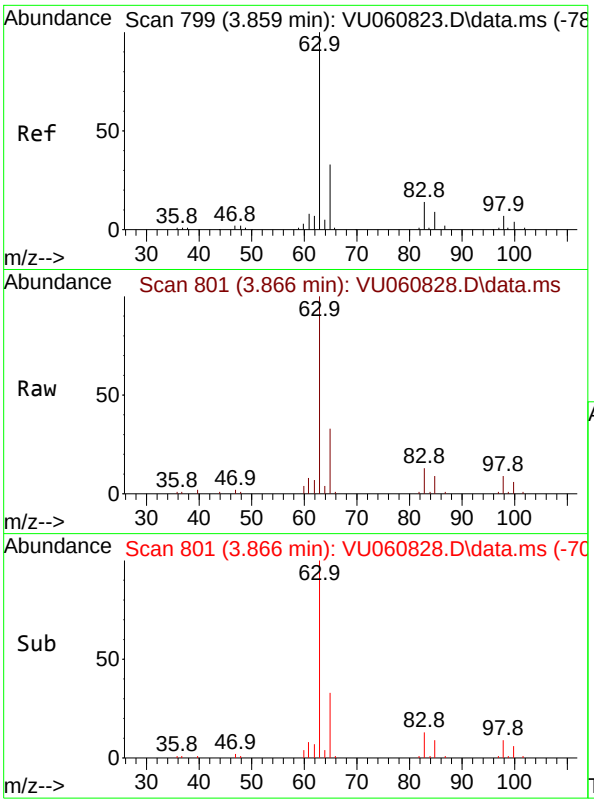


#12
1,1-Dichloroethene
Concen: 0.203 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU060828.D
Acq: 17 Sep 2024 13:16

Tgt Ion: 96 Resp: 2161

Ion	Ratio	Lower	Upper
96	100		
61	334.2	120.7	224.1#
63	1611.4	90.0	167.2#



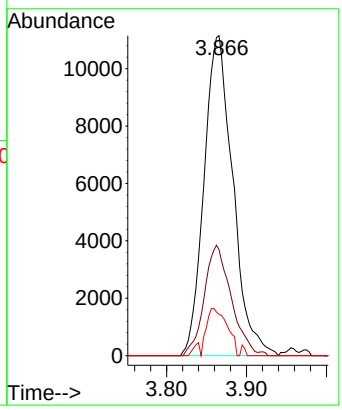


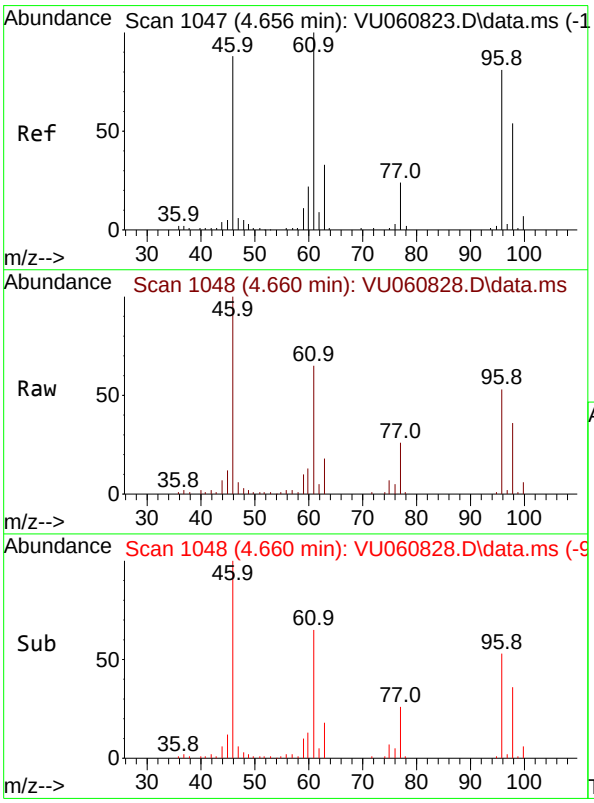
#19
1,1-Dichloroethane
Concen: 1.262 ug/L
RT: 3.866 min Scan# 8(
Delta R.T. 0.007 min
Lab File: VU060828.D
Acq: 17 Sep 2024 13:16

Instrument :
MSVOA_U
ClientSampleId :
C0B52

Tgt Ion: 63 Resp: 27881

Ion	Ratio	Lower	Upper
63	100		
65	33.2	23.0	42.8
83	13.0	9.0	16.6

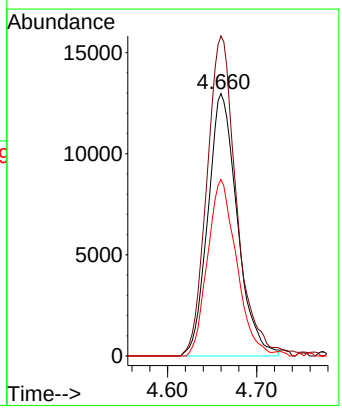


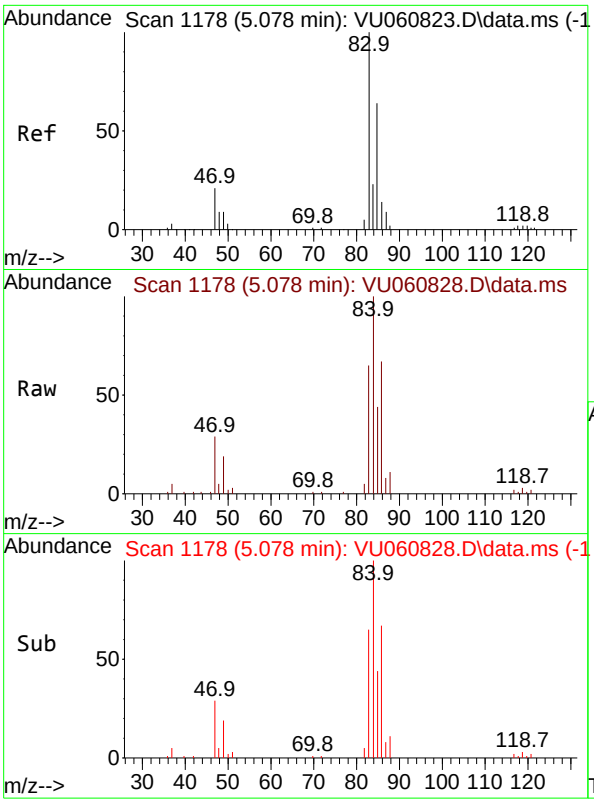


#22
cis-1,2-Dichloroethene
Concen: 2.438 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.003 min
Lab File: VU060828.D
Acq: 17 Sep 2024 13:16

Tgt Ion: 96 Resp: 29695

Ion	Ratio	Lower	Upper
96	100		
61	121.9	89.7	166.5
98	67.2	45.1	83.9



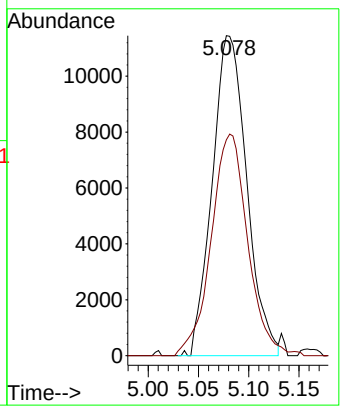


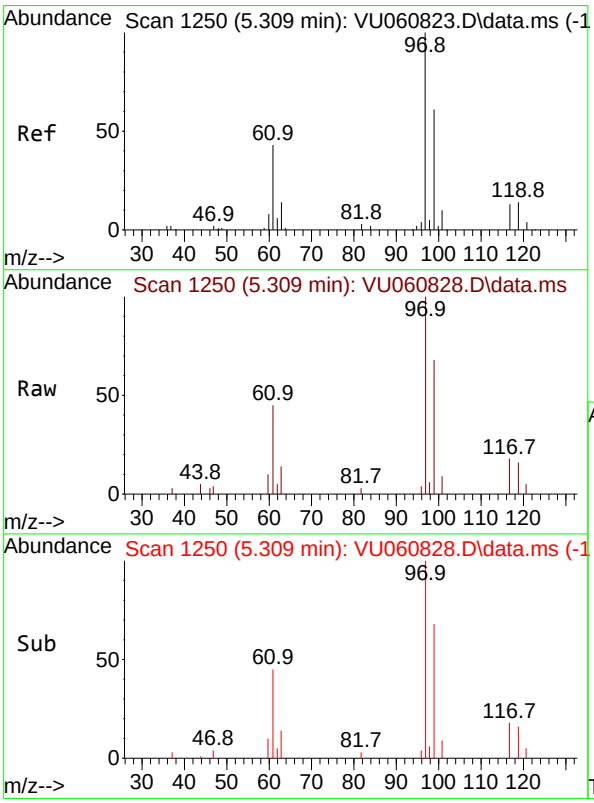
#25
Chloroform
Concen: 1.187 ug/L
RT: 5.078 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU060828.D
Acq: 17 Sep 2024 13:16

Instrument :
MSVOA_U
ClientSampleId :
C0B52

Tgt Ion: 83 Resp: 27352

Ion	Ratio	Lower	Upper
83	100		
85	67.4	46.8	86.8

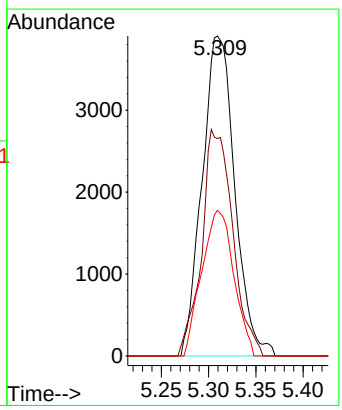


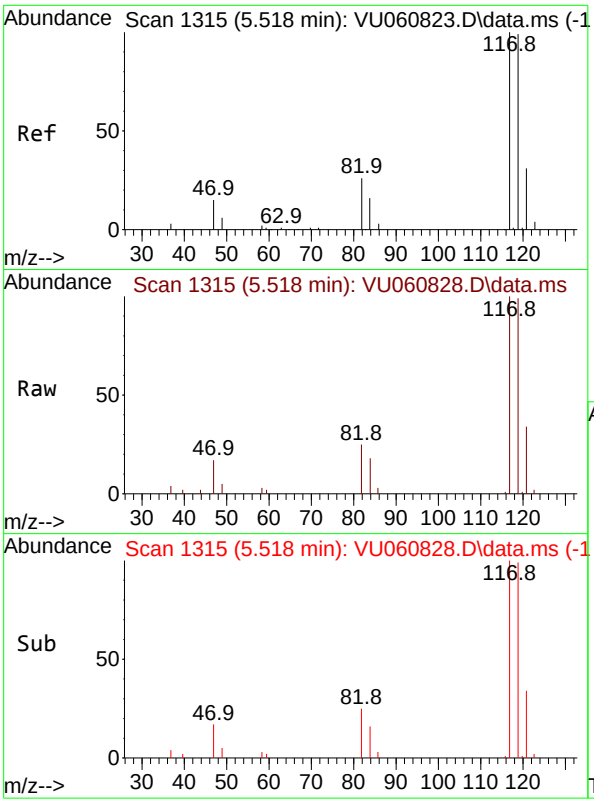


#29
1,1,1-Trichloroethane
Concen: 0.485 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. 0.000 min
Lab File: VU060828.D
Acq: 17 Sep 2024 13:16

Tgt Ion: 97 Resp: 9385

Ion	Ratio	Lower	Upper
97	100		
99	66.9	50.5	75.7
61	44.6	34.4	51.6



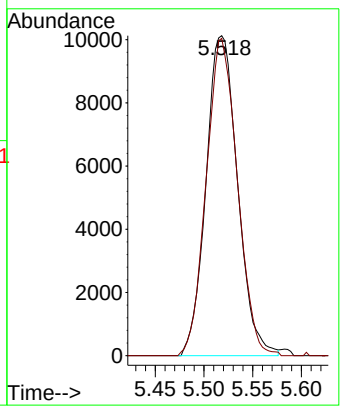


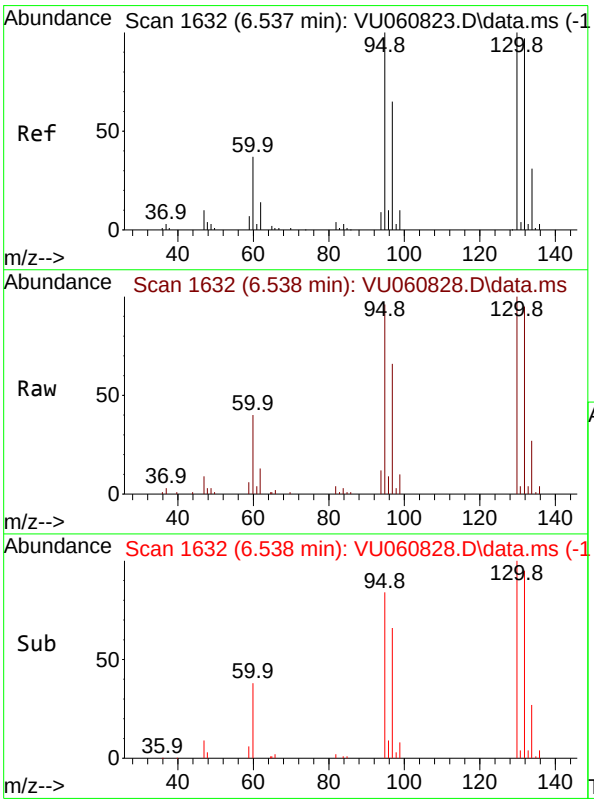
#31
Carbon tetrachloride
Concen: 1.330 ug/L
RT: 5.518 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU060828.D
Acq: 17 Sep 2024 13:16

Instrument :
MSVOA_U
ClientSampleId :
C0B52

Tgt Ion:117 Resp: 22805

Ion	Ratio	Lower	Upper
117	100		
119	97.8	76.3	114.5

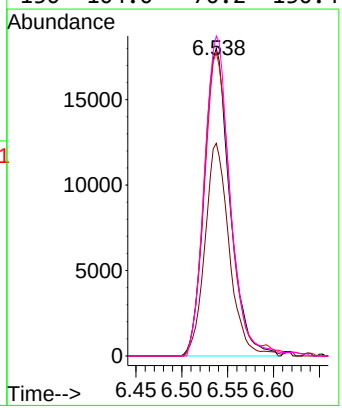


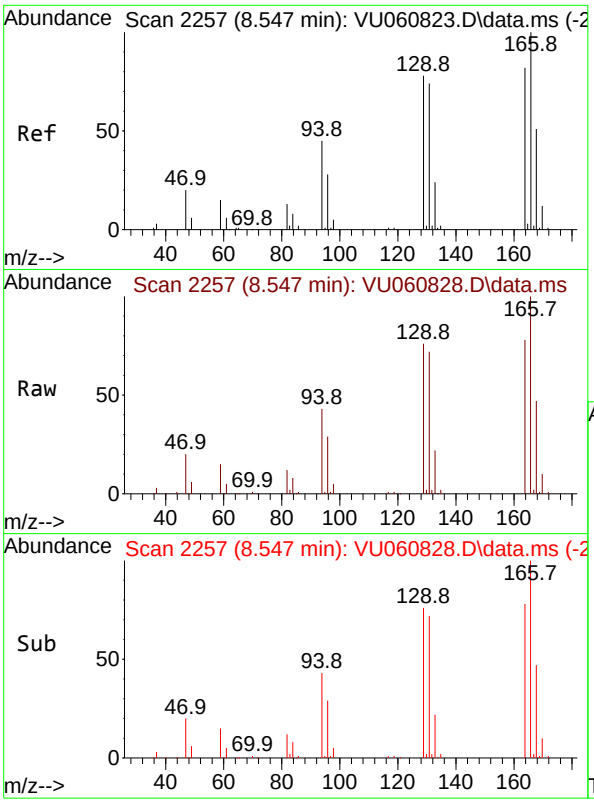


#34
Trichloroethene
Concen: 2.717 ug/L
RT: 6.538 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VU060828.D
Acq: 17 Sep 2024 13:16

Tgt Ion: 95 Resp: 35136

Ion	Ratio	Lower	Upper
95	100		
97	69.1	44.9	83.5
132	98.8	63.5	117.9
130	104.0	70.2	130.4





#47
Tetrachloroethene
Concen: 6.910 ug/L
RT: 8.547 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU060828.D
Acq: 17 Sep 2024 13:16

Instrument :
MSVOA_U
ClientSampleId :
C0B52

Tgt Ion:164 Resp: 71016

Ion	Ratio	Lower	Upper
164	100		
129	97.8	67.3	124.9
131	92.1	65.4	121.4
166	128.4	89.5	166.1