Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122123\
Data File : VU057148.D
Acq On : 21 Dec 2023 20:50
Operator : MD/SY
Sample : 05894-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BH3L6

Quant Time: Dec 21 23:33:59 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 21 23:30:13 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	150955	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	149250	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	66140	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	73315	5.081	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 101.600%			
7) Chloroethane-d5	1.914	69	60790	5.118	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 102.400%			
11) 1,1-Dichloroethene-d2	2.563	65	32415	5.185	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 103.800%			
20) 2-Butanone-d5	4.624	46	130798	57.738	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 115.480%			
24) Chloroform-d	5.055	84	140778	5.052	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.000%			
26) 1,2-Dichloroethane-d4	5.695	65	71740	5.402	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 108.000%			
32) Benzene-d6	5.721	84	258472	5.049	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.000%			
36) 1,2-Dichloropropane-d6	6.685	67	76902	5.279	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 105.600%			
41) Toluene-d8	7.894	98	222626	4.763	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.200%			
43) trans-1,3-Dichloroprop...	8.177	79	30685	5.060	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 101.200%			
46) 2-Hexanone-d5	8.631	63	112116	54.303	ug/L	-0.02
Spiked Amount 50.000	Range 45 - 130		Recovery = 108.600%			
56) 1,1,2,2-Tetrachloroeth...	10.749	84	54793	5.286	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 105.800%			
66) 1,2-Dichlorobenzene-d4	12.187	152	76901	5.403	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 108.000%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.573	96	4340	0.385	ug/L #	1
19) 1,1-Dichloroethane	3.862	63	164103	7.514	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	116703	9.629	ug/L	97
29) 1,1,1-Trichloroethane	5.309	97	184171	7.765	ug/L	100
34) Trichloroethene	6.537	95	289550	20.927	ug/L	98
47) Tetrachloroethene	8.553	164	5641	0.569	ug/L	92
51) Chlorobenzene	9.441	112	31278	0.958	ug/L	97
65) 1,4-Dichlorobenzene	11.830	146	3953	0.170	ug/L	86
67) 1,2-Dichlorobenzene	12.206	146	3766	0.183	ug/L	94

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

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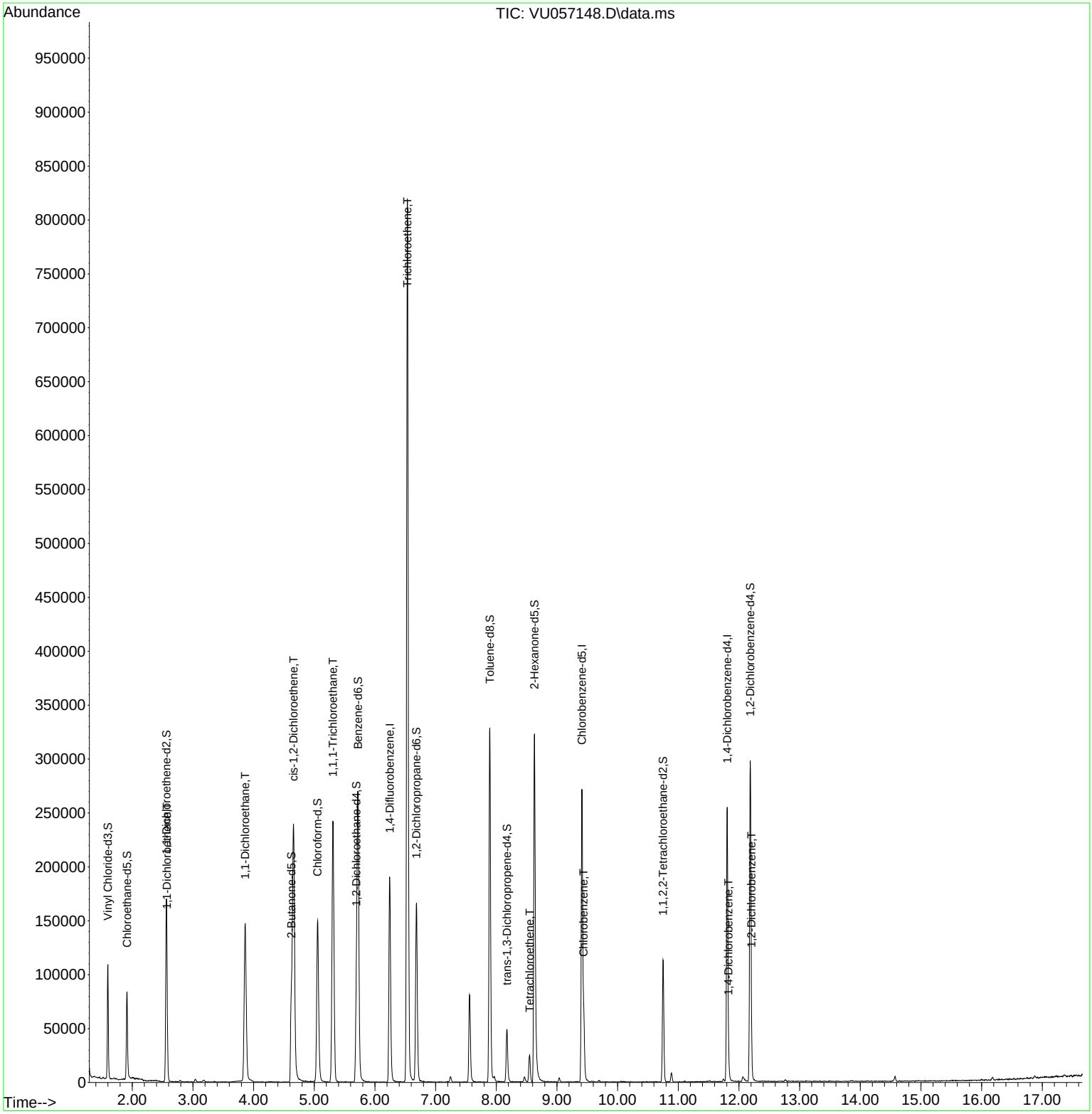
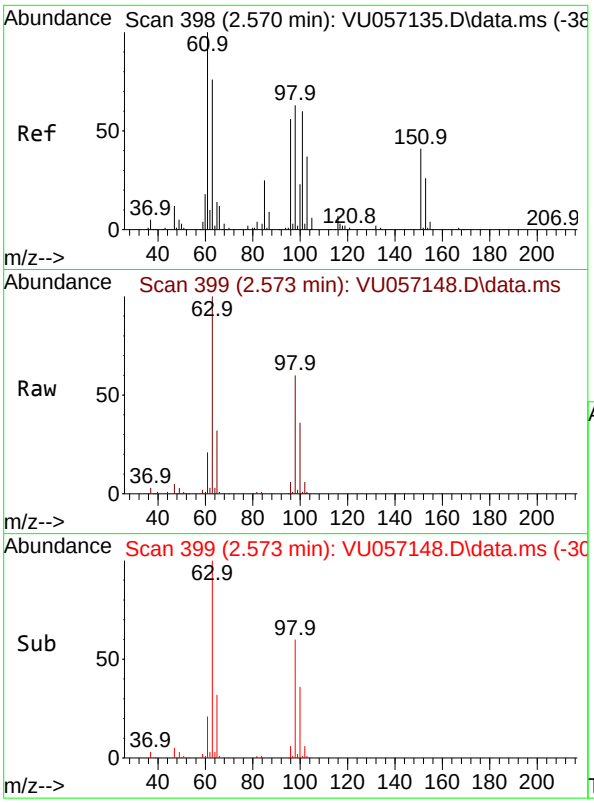


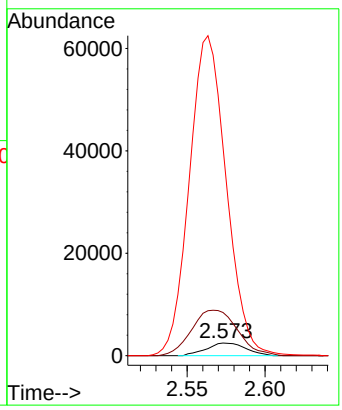


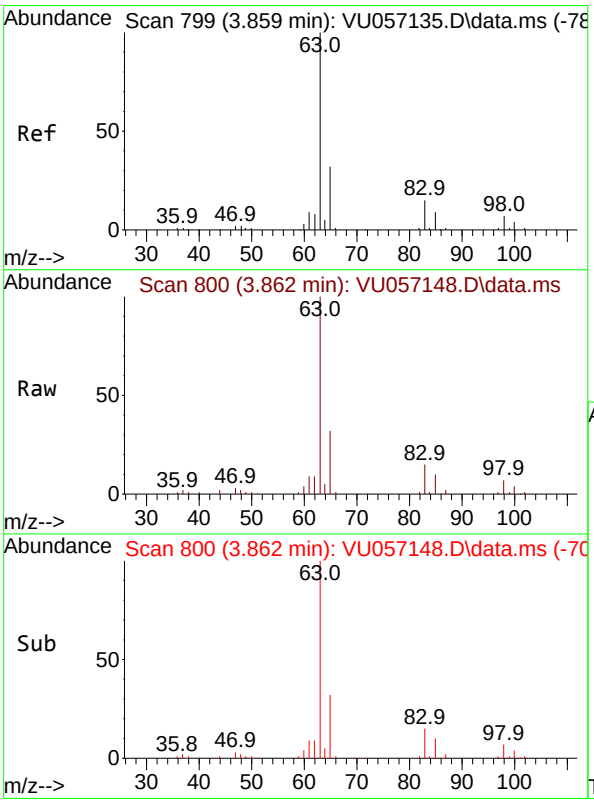
#12
1,1-Dichloroethene
Concen: 0.385 ug/L
RT: 2.573 min Scan# 3
Delta R.T. 0.003 min
Lab File: VU057148.D
Acq: 21 Dec 2023 20:50

Instrument :
MSVOA_U
ClientSampleId :
BH3L6

Tgt Ion: 96 Resp: 4340

Ion	Ratio	Lower	Upper
96	100		
61	341.5	119.6	222.0#
63	1649.8	96.2	178.8#

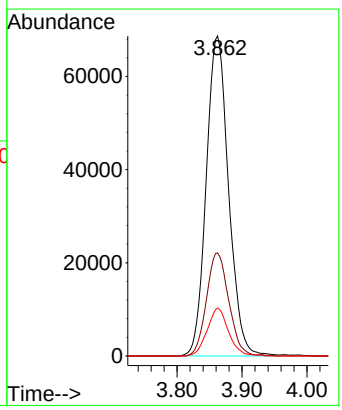


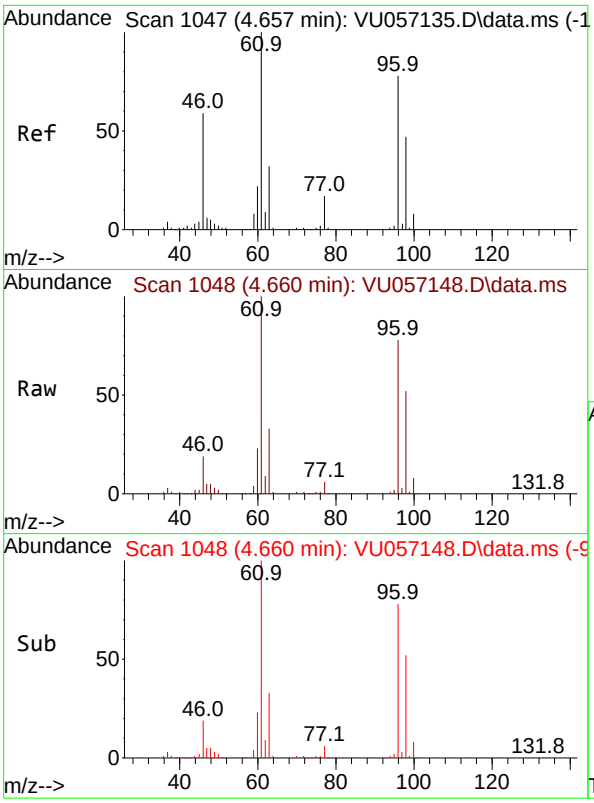


#19
1,1-Dichloroethane
Concen: 7.514 ug/L
RT: 3.862 min Scan# 800
Delta R.T. 0.003 min
Lab File: VU057148.D
Acq: 21 Dec 2023 20:50

Tgt Ion: 63 Resp: 164103

Ion	Ratio	Lower	Upper
63	100		
65	32.2	21.6	40.2
83	15.0	10.2	19.0



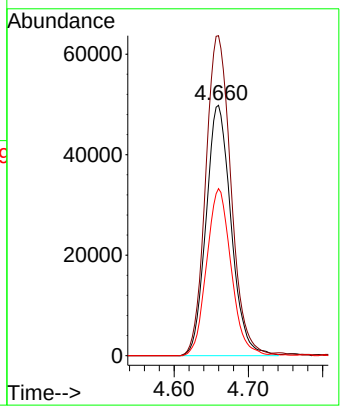


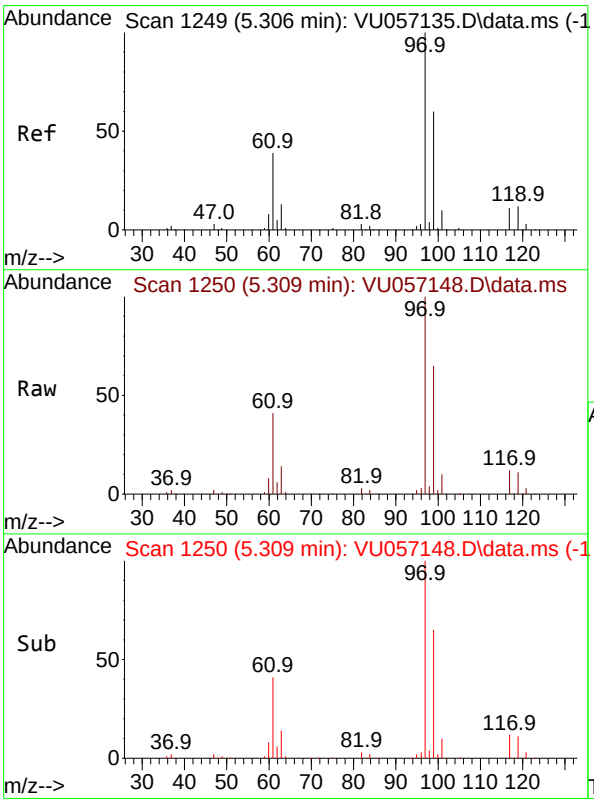
#22
cis-1,2-Dichloroethene
Concen: 9.629 ug/L
RT: 4.660 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU057148.D
Acq: 21 Dec 2023 20:50

Instrument :
MSVOA_U
ClientSampleId :
BH3L6

Tgt Ion: 96 Resp: 116703

Ion	Ratio	Lower	Upper
96	100		
61	127.8	86.8	161.2
98	66.7	45.5	84.5

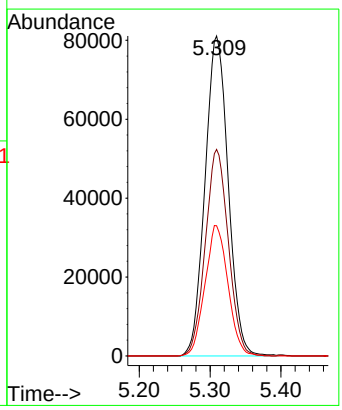


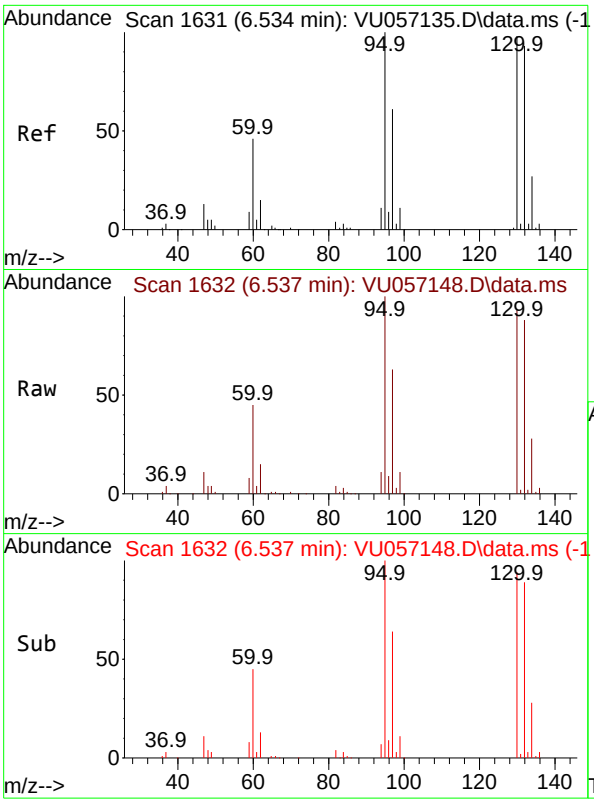


#29
1,1,1-Trichloroethane
Concen: 7.765 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. 0.003 min
Lab File: VU057148.D
Acq: 21 Dec 2023 20:50

Tgt Ion: 97 Resp: 184171

Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.2	76.8
61	40.5	32.5	48.7



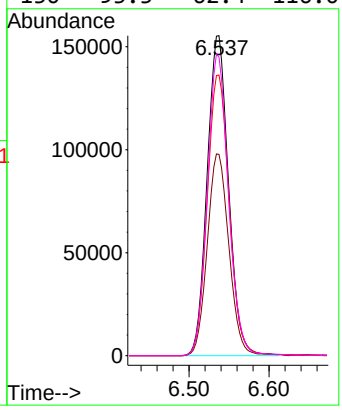


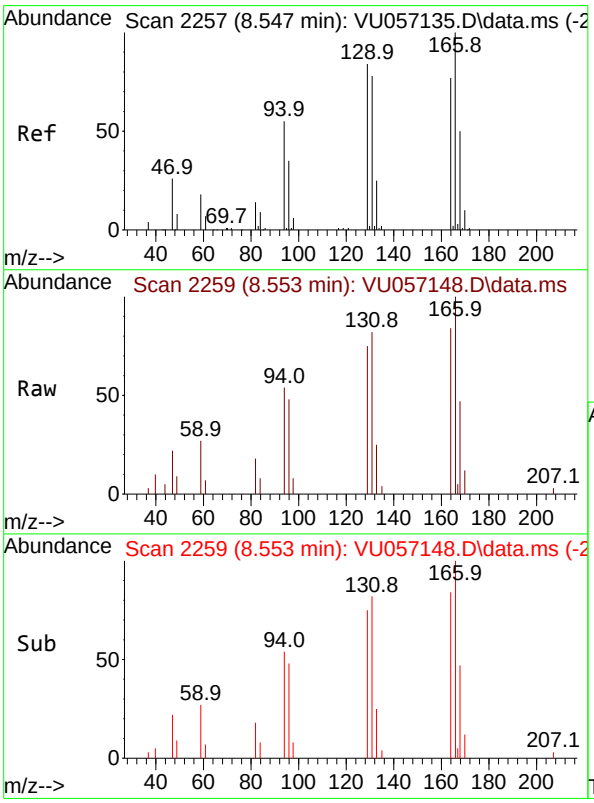
#34
Trichloroethene
Concen: 20.927 ug/L
RT: 6.537 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU057148.D
Acq: 21 Dec 2023 20:50

Instrument :
MSVOA_U
ClientSampleId :
BH3L6

Tgt Ion: 95 Resp: 289550

Ion	Ratio	Lower	Upper
95	100		
97	62.9	44.3	82.3
132	87.7	62.6	116.2
130	93.3	62.4	116.0

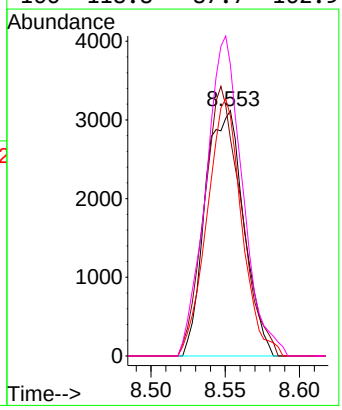


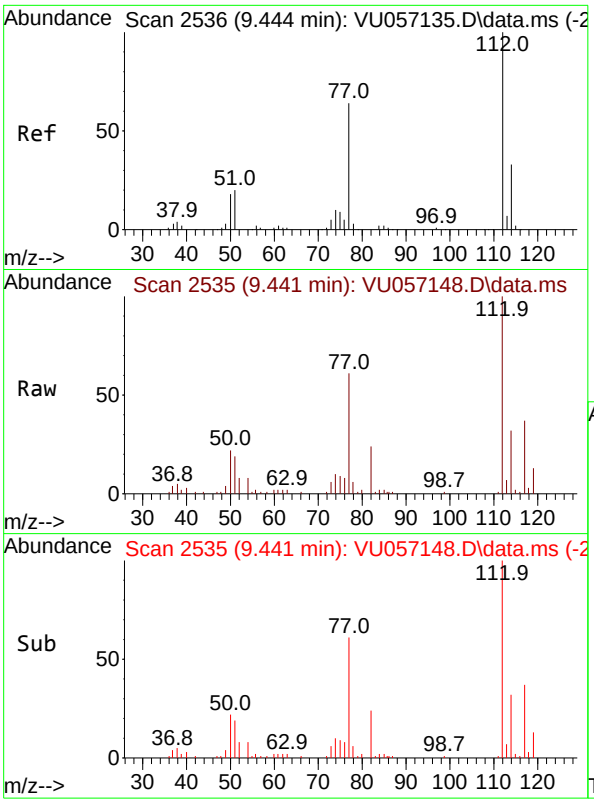


#47
Tetrachloroethene
Concen: 0.569 ug/L
RT: 8.553 min Scan# 2259
Delta R.T. 0.006 min
Lab File: VU057148.D
Acq: 21 Dec 2023 20:50

Tgt Ion:164 Resp: 5641

Ion	Ratio	Lower	Upper
164	100		
129	88.6	72.9	135.3
131	97.9	71.7	133.3
166	118.8	87.7	162.9



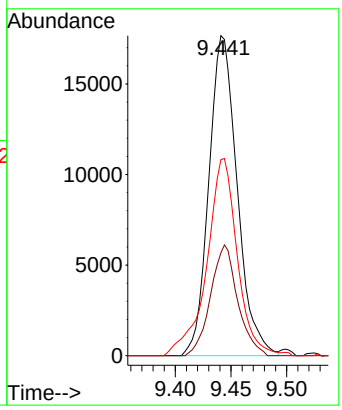


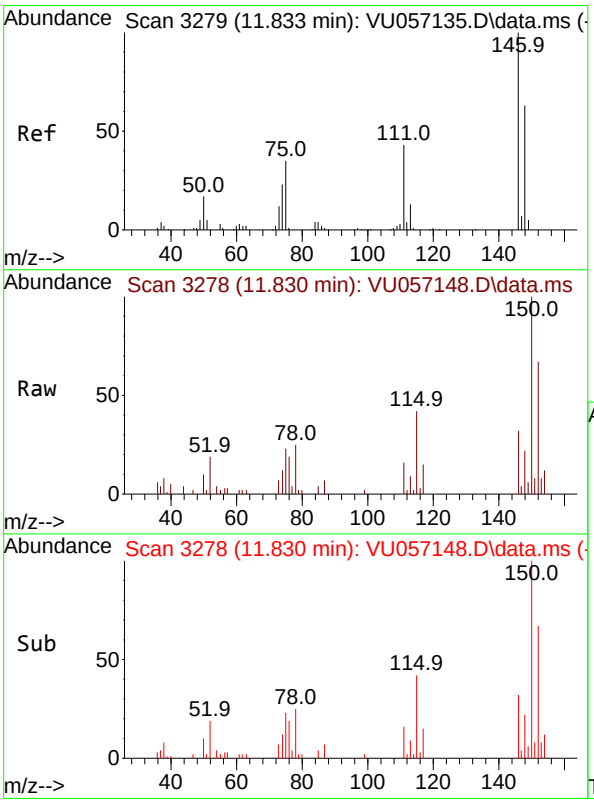
#51
Chlorobenzene
Concen: 0.958 ug/L
RT: 9.441 min Scan# 2
Delta R.T. -0.003 min
Lab File: VU057148.D
Acq: 21 Dec 2023 20:50

Instrument :
MSVOA_U
ClientSampleId :
BH3L6

Tgt Ion:112 Resp: 31278

Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.7	42.1
77	61.3	52.2	78.2

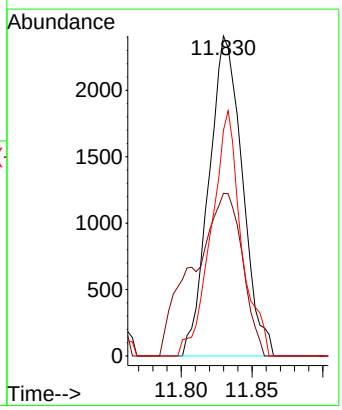


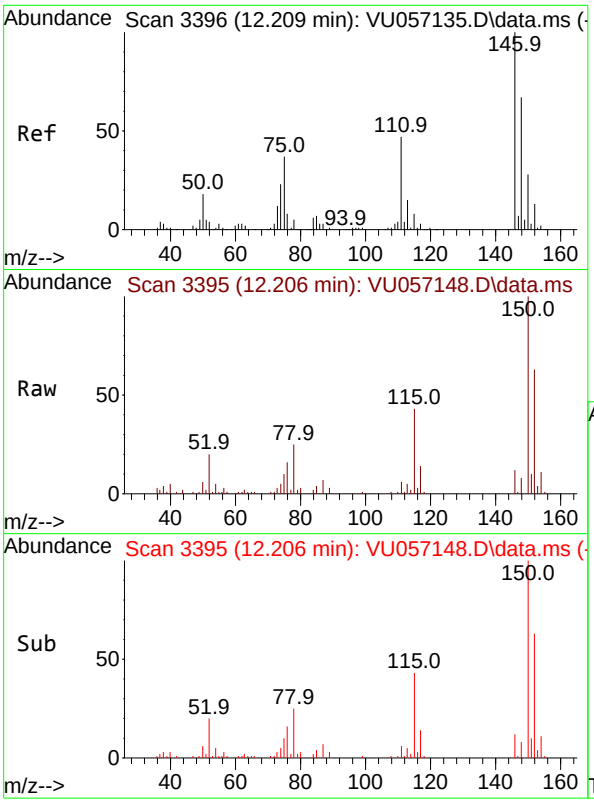


#65
1,4-Dichlorobenzene
Concen: 0.170 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.003 min
Lab File: VU057148.D
Acq: 21 Dec 2023 20:50

Tgt Ion:146 Resp: 3953

Ion	Ratio	Lower	Upper
146	100		
111	50.8	28.1	52.3
148	70.6	43.0	79.8





#67
1,2-Dichlorobenzene
Concen: 0.183 ug/L
RT: 12.206 min Scan# 3
Delta R.T. -0.003 min
Lab File: VU057148.D
Acq: 21 Dec 2023 20:50

Instrument :
MSVOA_U
ClientSampleId :
BH3L6

Tgt Ion:146 Resp: 3766

Ion	Ratio	Lower	Upper
146	100		
111	54.0	37.9	56.9
148	65.5	50.1	75.1