Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122023\
Data File : VU057112.D
Acq On : 20 Dec 2023 23:43
Operator : MD/SY
Sample : 05894-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Dec 21 05:01:32 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 21 01:34:13 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	203067	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	204233	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	89078	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	55524	3.190	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 63.800%			
7) Chloroethane-d5	1.911	69	51006	3.916	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 78.400%			
11) 1,1-Dichloroethene-d2	2.560	65	27062	3.634	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 72.600%			
20) 2-Butanone-d5	4.644	46	96111	27.960	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 55.920%			
24) Chloroform-d	5.055	84	128248	3.891	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 77.800%			
26) 1,2-Dichloroethane-d4	5.695	65	63216	4.053	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 81.000%			
32) Benzene-d6	5.721	84	230171	3.633	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 72.600%			
36) 1,2-Dichloropropane-d6	6.685	67	71906	3.627	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 72.600%			
41) Toluene-d8	7.894	98	194803	3.441	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 68.800%#			
43) trans-1,3-Dichloroprop...	8.177	79	26614	3.461	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 69.200%			
46) 2-Hexanone-d5	8.634	63	85462	29.469	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 58.940%			
56) 1,1,2,2-Tetrachloroeth...	10.749	84	52883	3.686	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 73.800%			
66) 1,2-Dichlorobenzene-d4	12.187	152	72370	4.133	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 82.600%			
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	15493	0.746	ug/L	88
8) Chloroethane	1.933	64	65713	5.399	ug/L	98
19) 1,1-Dichloroethane	3.859	63	915293	28.466	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	42686	2.347	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	86506	2.930	ug/L	97
31) Carbon tetrachloride	5.306	117	10123	0.395	ug/L	93
34) Trichloroethene	6.541	95	11982	0.609	ug/L	89
35) Methylcyclohexane	6.685	83	18834	0.648	ug/L #	17
37) 1,2-Dichloropropane	6.682	63	8232	0.448	ug/L #	89
42) Toluene	7.968	91	13641	0.184	ug/L	99
48) 2-Hexanone	8.634	43	11882	1.914	ug/L #	78
51) Chlorobenzene	9.444	112	16661	0.352	ug/L	99
61) 1,2,3-Trichloropropane	11.807	75	12283	1.284	ug/L #	70
65) 1,4-Dichlorobenzene	11.836	146	5015	0.153	ug/L #	89
67) 1,2-Dichlorobenzene	12.206	146	11054	0.364	ug/L	97

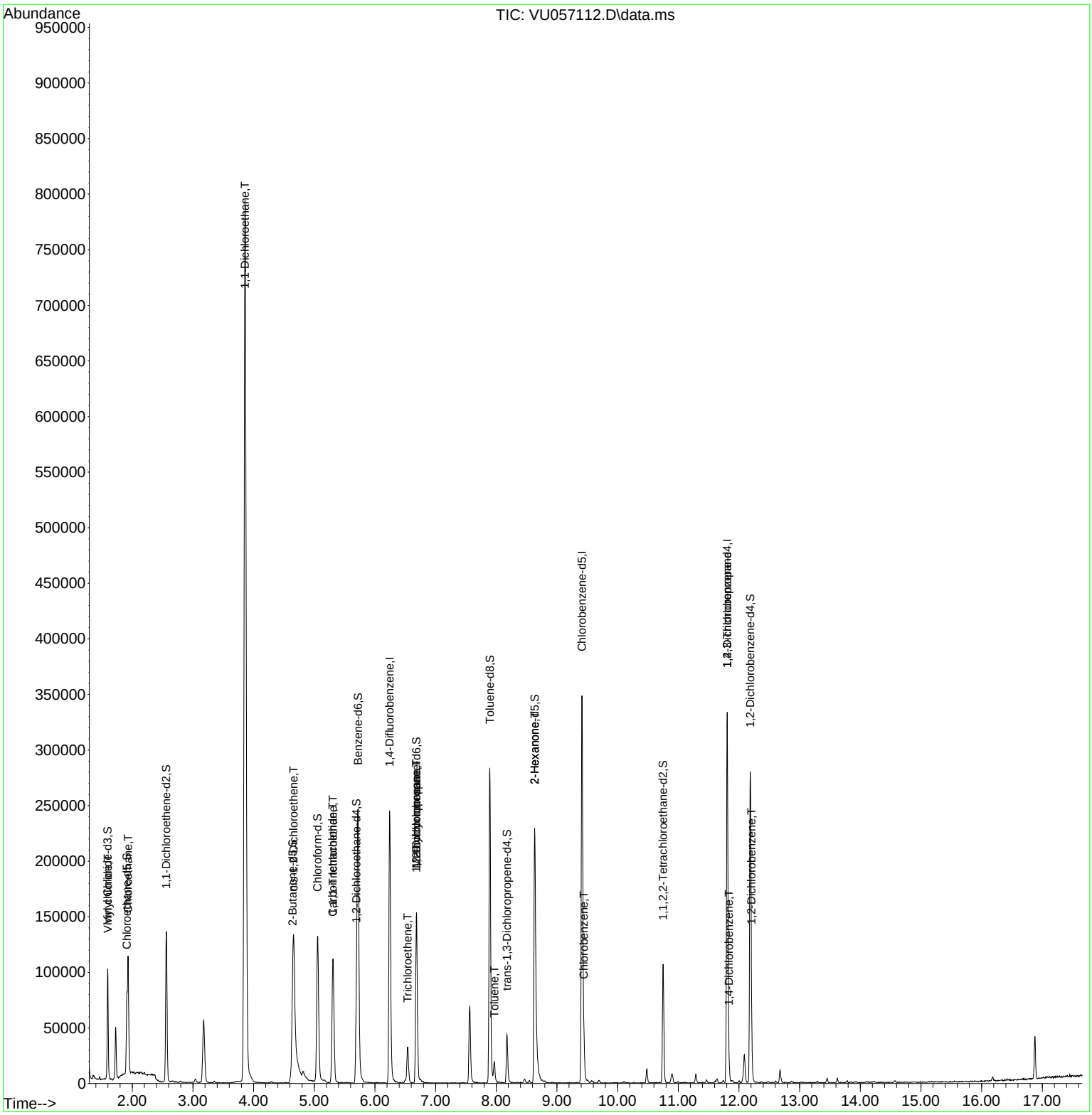
(#) = qualifier out of range (m) = manual integration (+) = signals summed

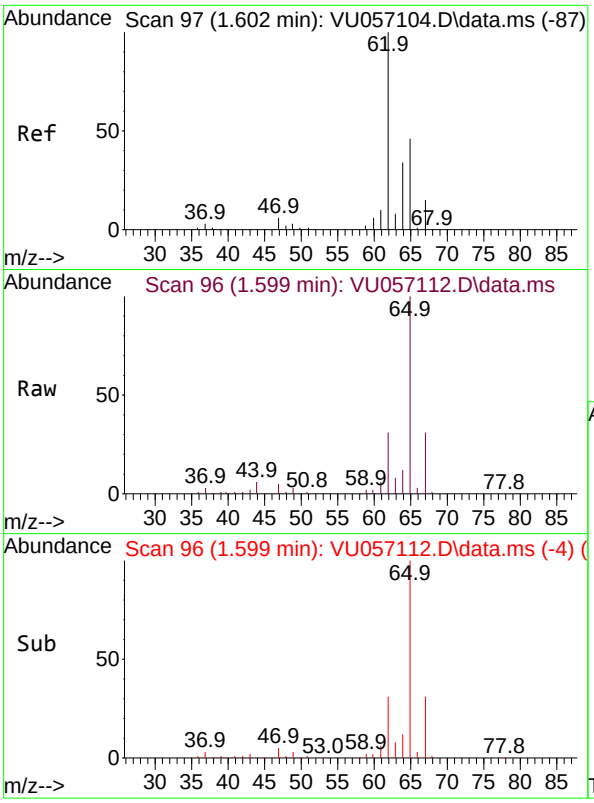
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122023\
Data File : VU057112.D
Acq On : 20 Dec 2023 23:43
Operator : MD/SY
Sample : 05894-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Dec 21 05:01:32 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 21 01:34:13 2023
Response via : Initial Calibration



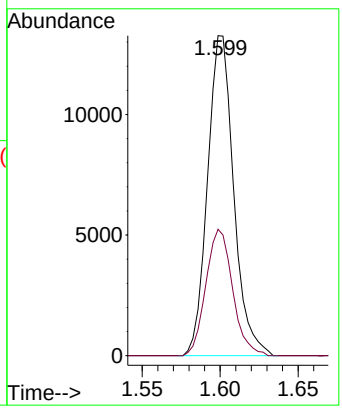


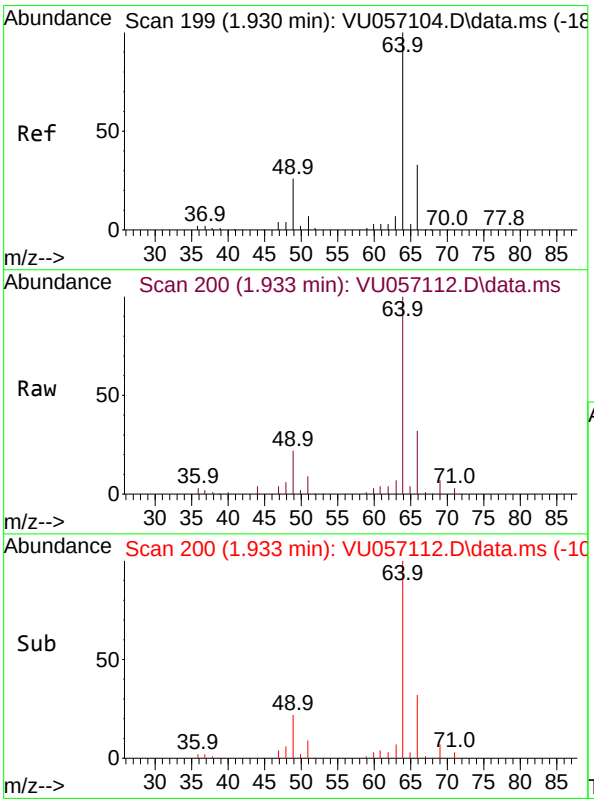
#5
Vinyl chloride
Concen: 0.746 ug/L
RT: 1.599 min Scan# 9
Delta R.T. -0.003 min
Lab File: VU057112.D
Acq: 20 Dec 2023 23:43

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 15493

Ion	Ratio	Lower	Upper
62	100		
64	39.5	22.8	42.4

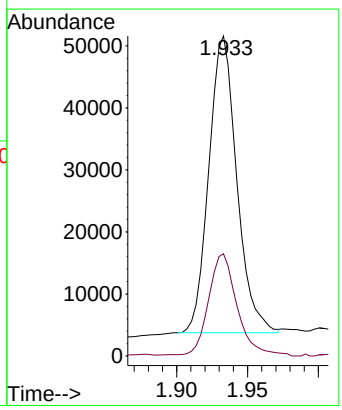


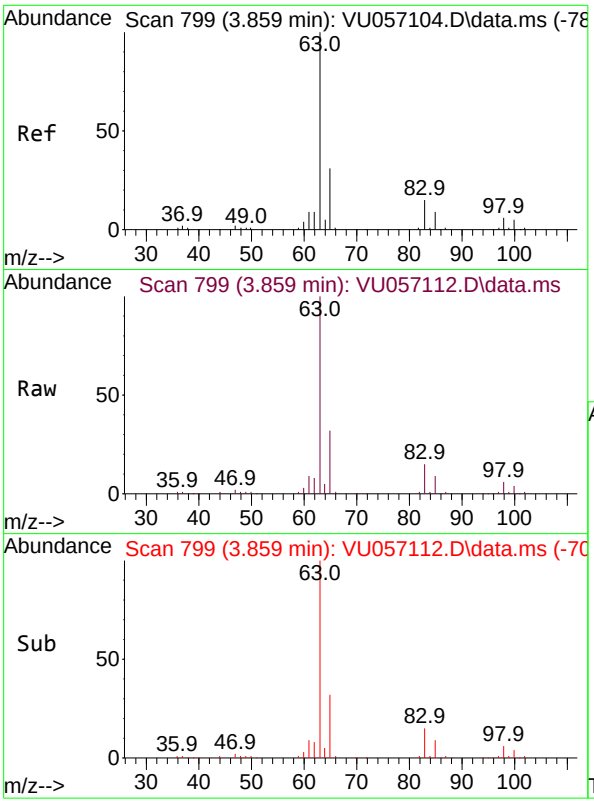


#8
Chloroethane
Concen: 5.399 ug/L
RT: 1.933 min Scan# 200
Delta R.T. 0.003 min
Lab File: VU057112.D
Acq: 20 Dec 2023 23:43

Tgt Ion: 64 Resp: 65713

Ion	Ratio	Lower	Upper
64	100		
66	31.9	21.4	39.8



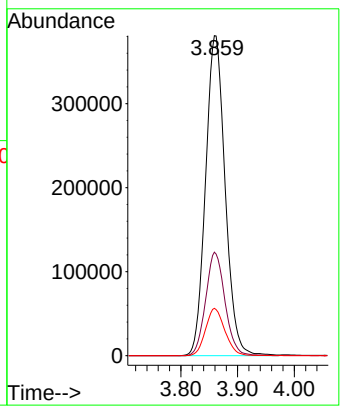


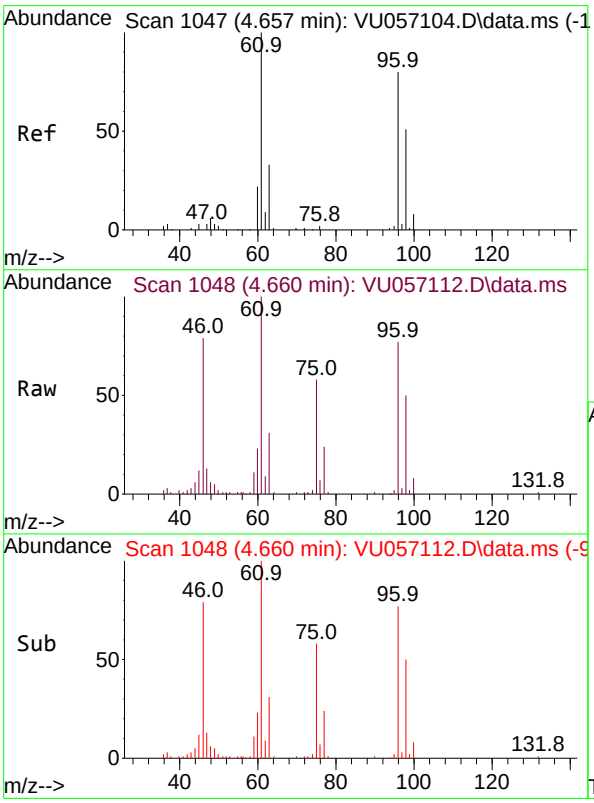
#19
1,1-Dichloroethane
Concen: 28.466 ug/L
RT: 3.859 min Scan# 7
Delta R.T. -0.000 min
Lab File: VU057112.D
Acq: 20 Dec 2023 23:43

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 915293

Ion	Ratio	Lower	Upper
63	100		
65	32.3	22.9	42.5
83	14.8	10.1	18.9

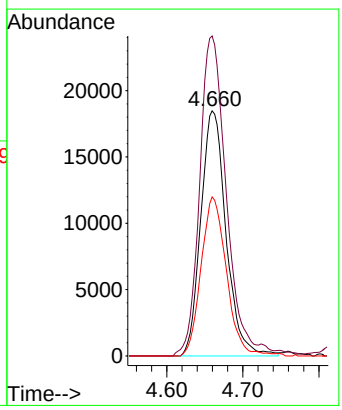


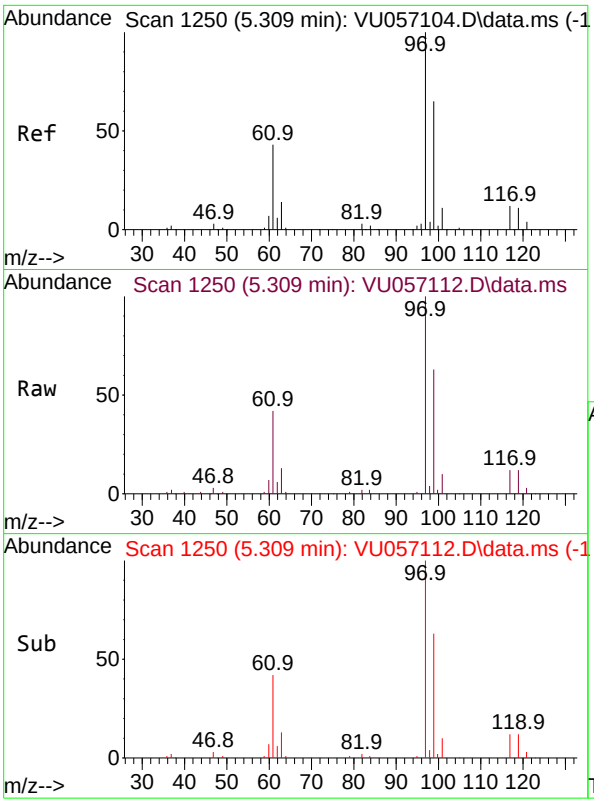


#22
cis-1,2-Dichloroethene
Concen: 2.347 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.003 min
Lab File: VU057112.D
Acq: 20 Dec 2023 23:43

Tgt Ion: 96 Resp: 42686

Ion	Ratio	Lower	Upper
96	100		
61	130.5	91.3	169.6
98	64.8	44.2	82.0



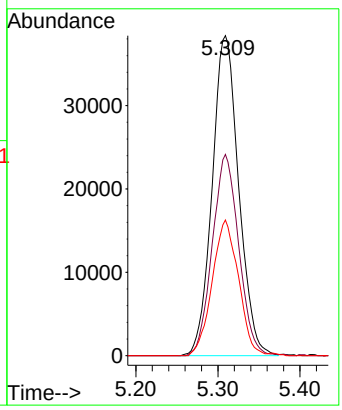


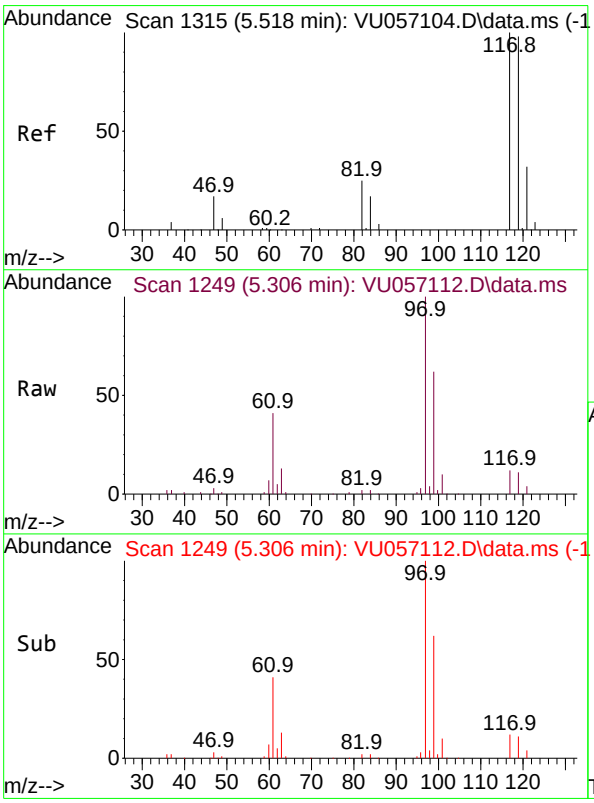
#29
1,1,1-Trichloroethane
Concen: 2.930 ug/L
RT: 5.309 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU057112.D
Acq: 20 Dec 2023 23:43

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 86506

Ion	Ratio	Lower	Upper
97	100		
99	62.7	52.5	78.7
61	42.0	34.2	51.2

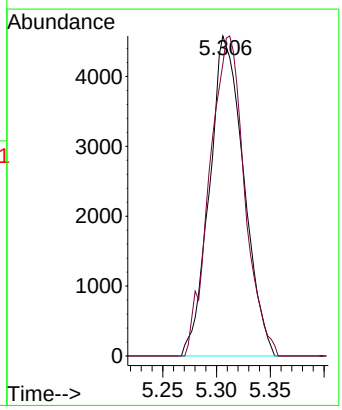


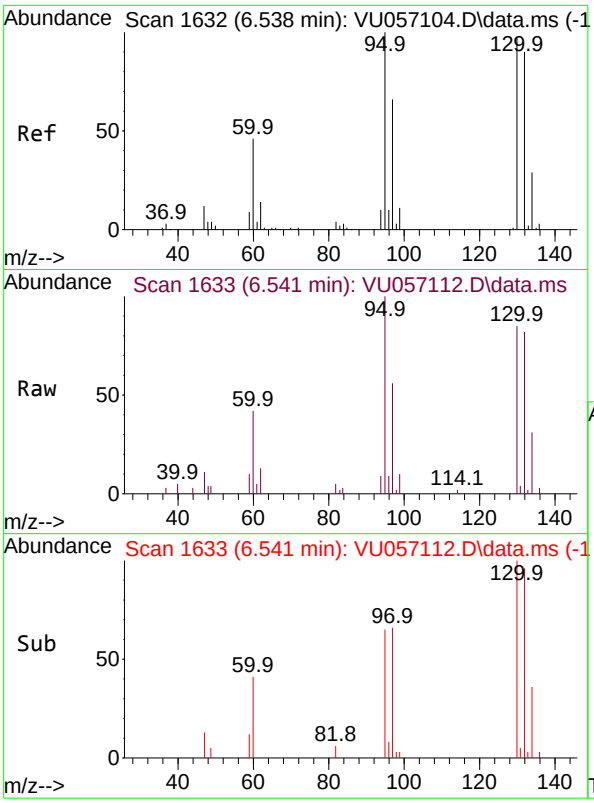


#31
Carbon tetrachloride
Concen: 0.395 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.212 min
Lab File: VU057112.D
Acq: 20 Dec 2023 23:43

Tgt Ion:117 Resp: 10123

Ion	Ratio	Lower	Upper
117	100		
119	101.8	76.2	114.4



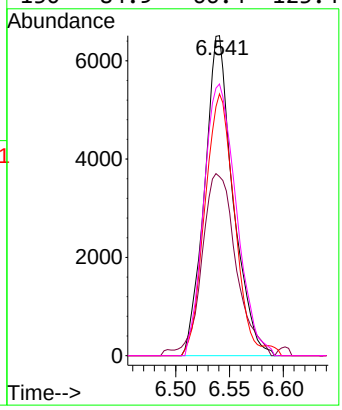


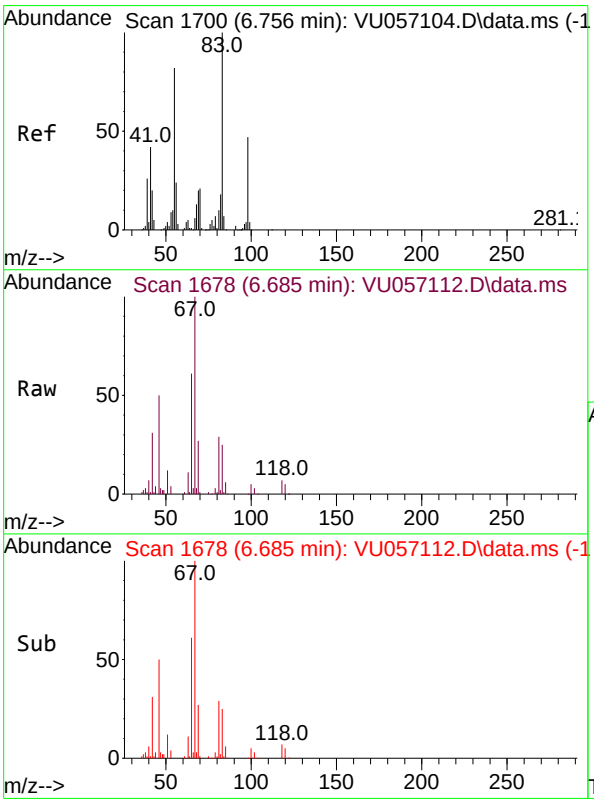
#34
Trichloroethene
Concen: 0.609 ug/L
RT: 6.541 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU057112.D
Acq: 20 Dec 2023 23:43

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 11982

Ion	Ratio	Lower	Upper
95	100		
97	55.9	46.1	85.5
132	81.8	63.6	118.0
130	84.9	66.4	123.4

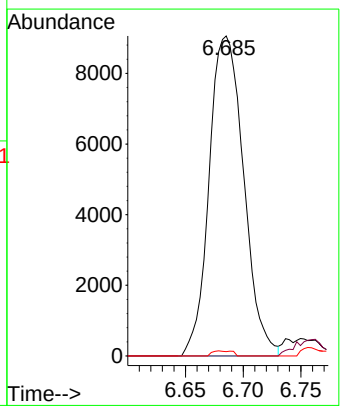


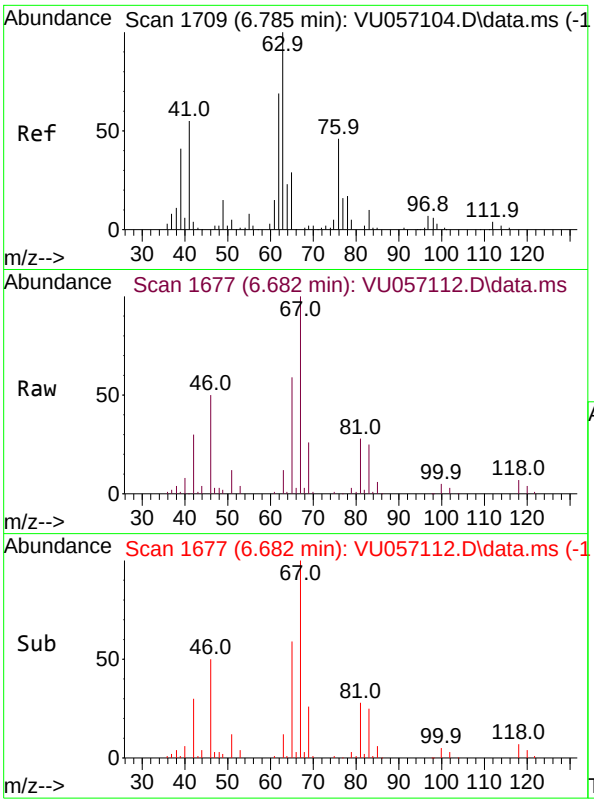


#35
Methylcyclohexane
Concen: 0.648 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.071 min
Lab File: VU057112.D
Acq: 20 Dec 2023 23:43

Tgt Ion: 83 Resp: 18834

Ion	Ratio	Lower	Upper
83	100		
55	0.0	64.6	97.0#
98	0.9	36.1	54.1#



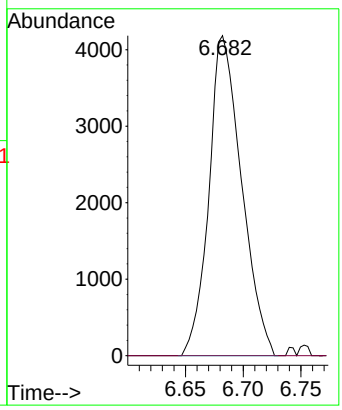


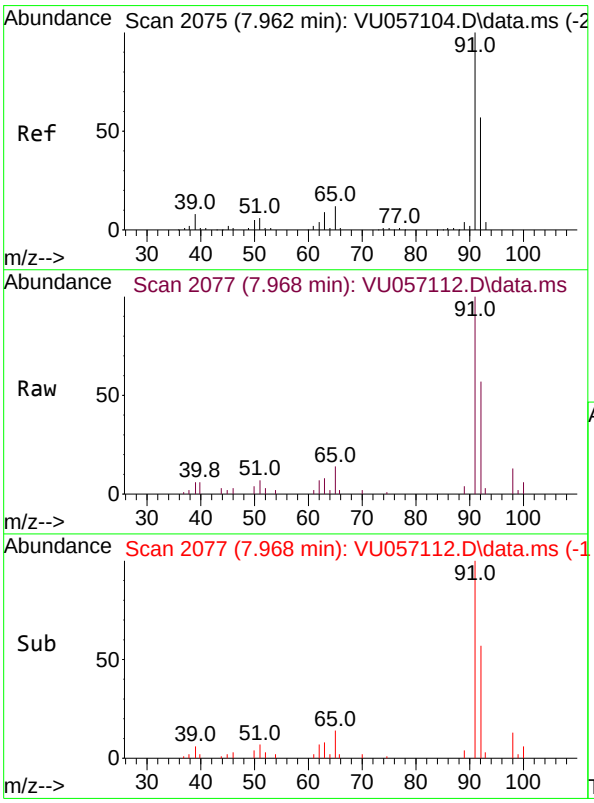
#37
1,2-Dichloropropane
Concen: 0.448 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU057112.D
Acq: 20 Dec 2023 23:43

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 8232

Ion	Ratio	Lower	Upper
63	100		
112	0.5	3.3	4.9#

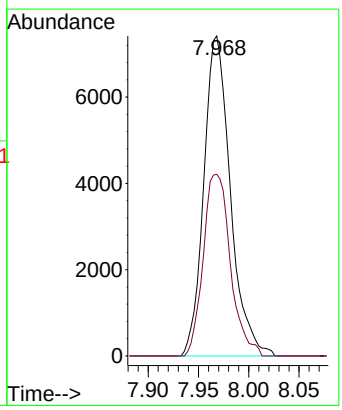


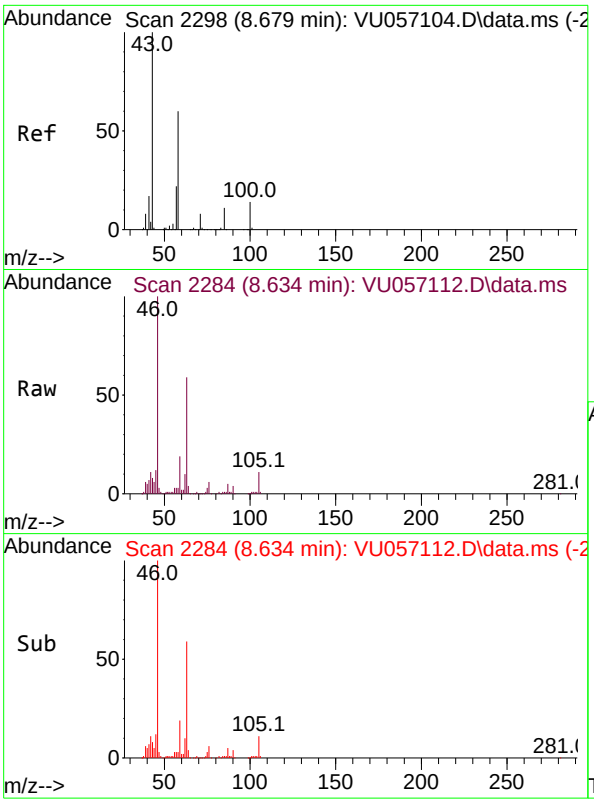


#42
Toluene
Concen: 0.184 ug/L
RT: 7.968 min Scan# 2077
Delta R.T. 0.006 min
Lab File: VU057112.D
Acq: 20 Dec 2023 23:43

Tgt Ion: 91 Resp: 13641

Ion	Ratio	Lower	Upper
91	100		
92	56.7	40.4	75.0



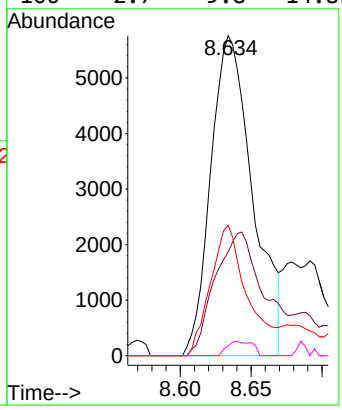


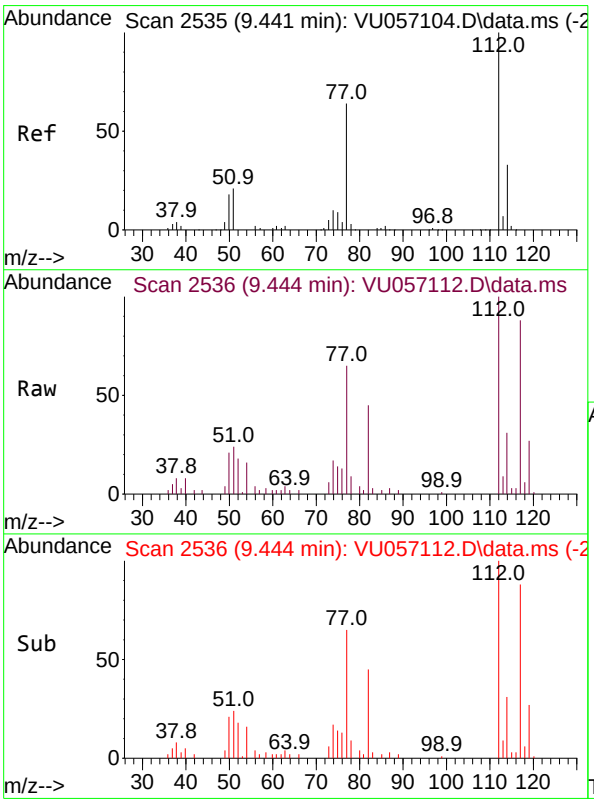
#48
2-Hexanone
Concen: 1.914 ug/L
RT: 8.634 min Scan# 2
Delta R.T. -0.045 min
Lab File: VU057112.D
Acq: 20 Dec 2023 23:43

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 11882

Ion	Ratio	Lower	Upper
43	100		
58	46.1	47.5	71.3#
57	36.1	17.0	25.4#
100	2.7	9.8	14.8#

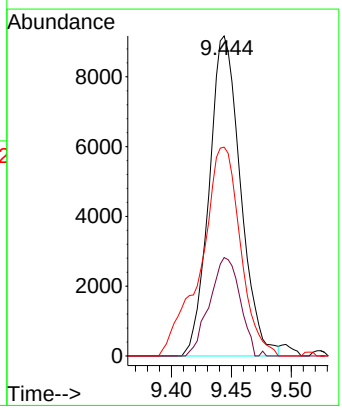


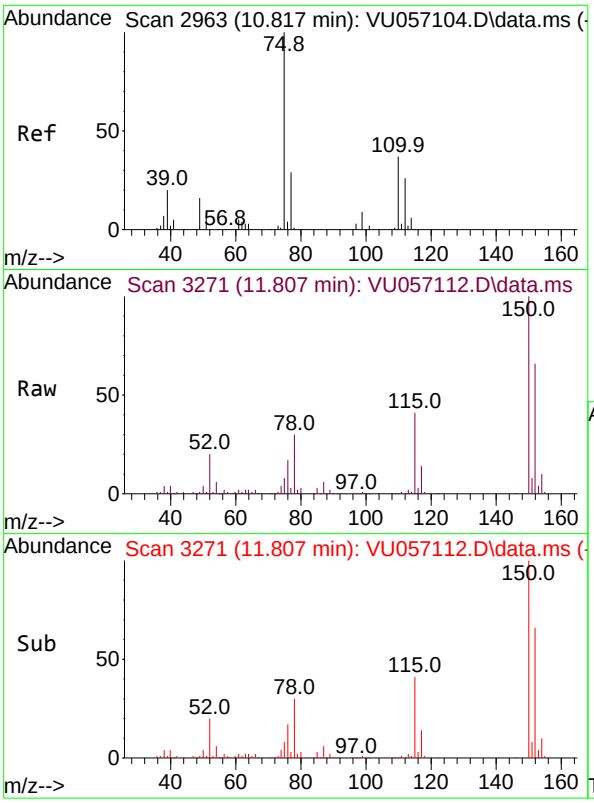


#51
Chlorobenzene
Concen: 0.352 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. 0.003 min
Lab File: VU057112.D
Acq: 20 Dec 2023 23:43

Tgt Ion:112 Resp: 16661

Ion	Ratio	Lower	Upper
112	100		
114	30.7	21.9	40.7
77	65.2	51.6	77.4



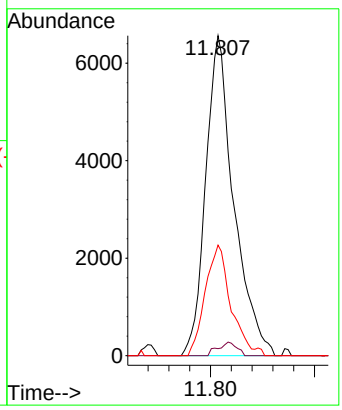


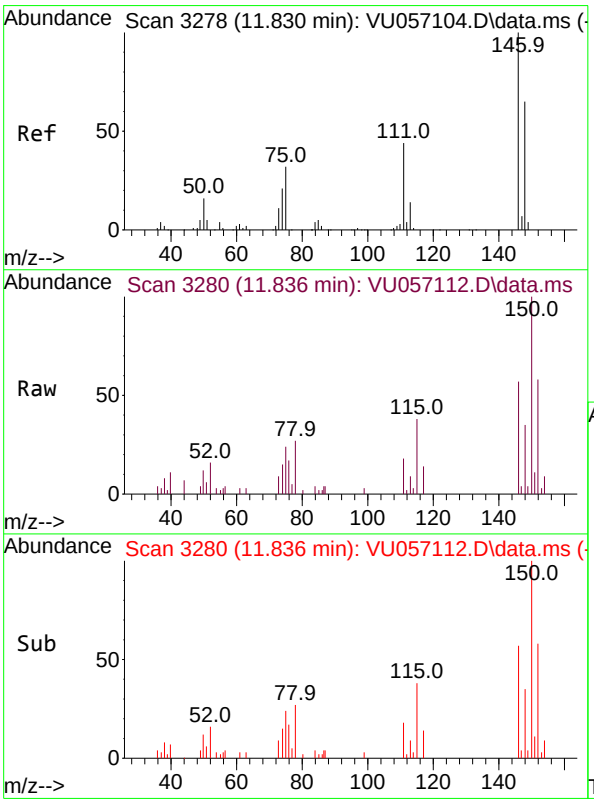
#61
1,2,3-Trichloropropane
Concen: 1.284 ug/L
RT: 11.807 min Scan# 3
Delta R.T. 0.990 min
Lab File: VU057112.D
Acq: 20 Dec 2023 23:43

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 12283

Ion	Ratio	Lower	Upper
75	100		
110	2.8	28.4	42.6#
77	31.6	26.3	39.5

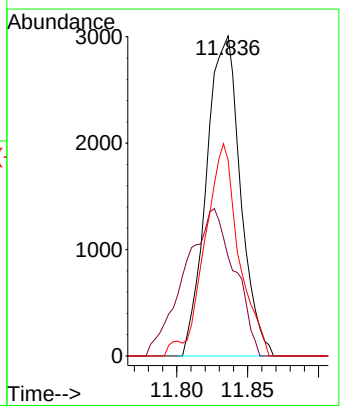


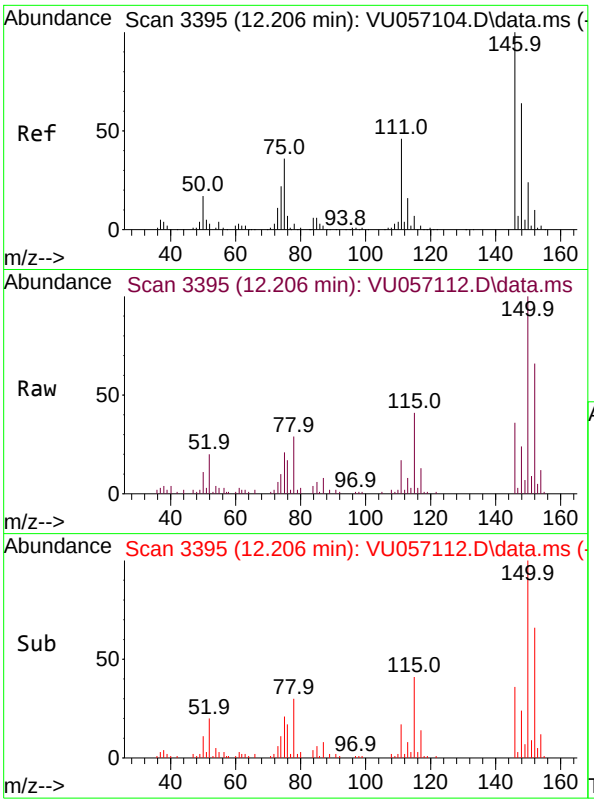


#65
1,4-Dichlorobenzene
Concen: 0.153 ug/L
RT: 11.836 min Scan# 3280
Delta R.T. 0.006 min
Lab File: VU057112.D
Acq: 20 Dec 2023 23:43

Tgt Ion:146 Resp: 5015

Ion	Ratio	Lower	Upper
146	100		
111	31.0	31.2	58.0#
148	61.2	45.6	84.8





#67
1,2-Dichlorobenzene
Concen: 0.364 ug/L
RT: 12.206 min Scan# 3
Delta R.T. -0.000 min
Lab File: VU057112.D
Acq: 20 Dec 2023 23:43

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:146 Resp: 11054

Ion	Ratio	Lower	Upper
146	100		
111	48.1	36.9	55.3
148	68.0	53.0	79.4