Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122123\
Data File : VU057178.D
Acq On : 22 Dec 2023 09:20
Operator : MD/SY
Sample : 05912-18DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 55 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Dec 22 12:39:10 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Dec 22 01:33:10 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	137258	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	132031	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	53419	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	74023	5.642	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 112.800%			
7) Chloroethane-d5	1.914	69	60118	5.567	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 111.400%			
11) 1,1-Dichloroethene-d2	2.563	65	27534	4.844	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 96.800%			
20) 2-Butanone-d5	4.618	46	125858	61.102	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 122.200%			
24) Chloroform-d	5.055	84	142355	5.619	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 112.400%			
26) 1,2-Dichloroethane-d4	5.695	65	71897	5.954	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 119.000%			
32) Benzene-d6	5.721	84	250188	5.525	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 110.400%			
36) 1,2-Dichloropropane-d6	6.685	67	76607	5.945	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 118.800%			
41) Toluene-d8	7.894	98	197758	4.783	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.600%			
43) trans-1,3-Dichloroprop...	8.174	79	27478	5.122	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 102.400%			
46) 2-Hexanone-d5	8.627	63	107913	59.083	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 118.160%			
56) 1,1,2,2-Tetrachloroeth...	10.750	84	55327	6.033	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 120.600%#			
66) 1,2-Dichlorobenzene-d4	12.187	152	65271	5.678	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 113.600%			
Target Compounds						Qvalue
3) Chloromethane	1.518	50	1644	0.146	ug/L	90
5) Vinyl chloride	1.602	62	2820	0.235	ug/L #	39
16) Methylene chloride	3.042	84	6136	0.514	ug/L	93
19) 1,1-Dichloroethane	3.872	63	4526	0.228	ug/L	94
22) cis-1,2-Dichloroethene	4.663	96	6531	0.593	ug/L	82
33) Benzene	5.769	78	5320	0.127	ug/L	100
35) Methylcyclohexane	6.685	83	19737	1.225	ug/L #	19
37) 1,2-Dichloropropane	6.682	63	9145	0.878	ug/L #	88
39) cis-1,3-Dichloropropene	7.563	75	1924	0.123	ug/L #	35
48) 2-Hexanone	8.627	43	13690	4.111	ug/L #	85
51) Chlorobenzene	9.441	112	188430	6.527	ug/L	97
61) 1,2,3-Trichloropropane	11.807	75	9667	1.942	ug/L #	40
65) 1,4-Dichlorobenzene	11.833	146	9350	0.499	ug/L	90
67) 1,2-Dichlorobenzene	12.209	146	3859	0.232	ug/L #	92

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

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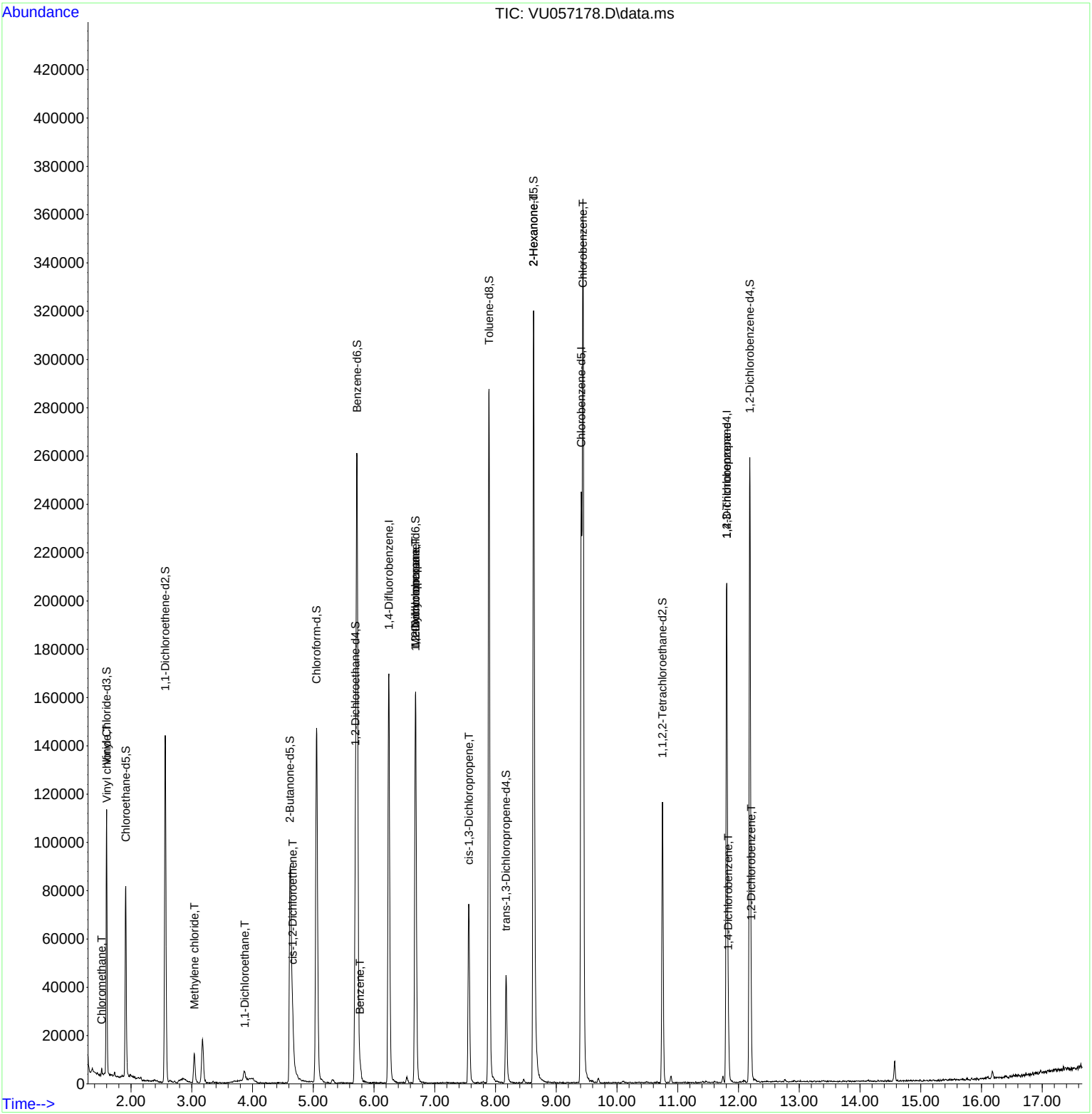
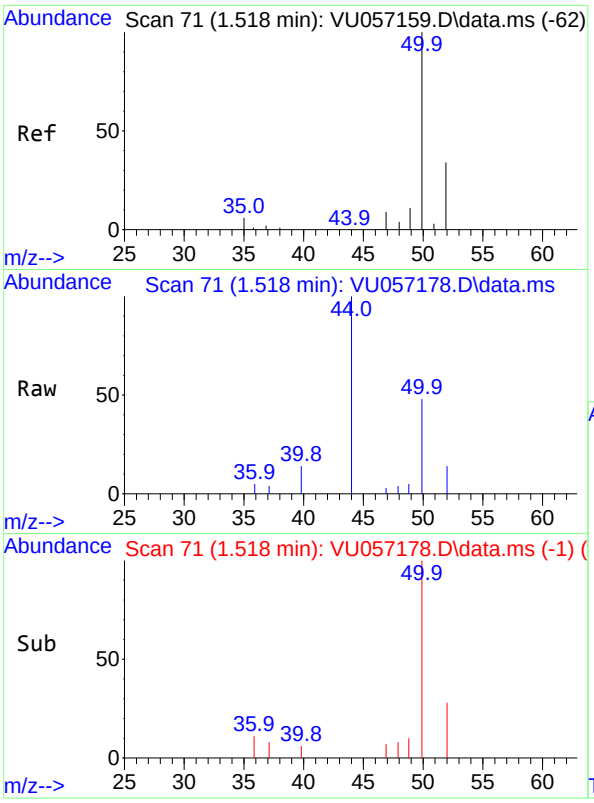
Quant Time: Dec 22 12:39:10 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Dec 22 01:33:10 2023
Response via : Initial Calibration



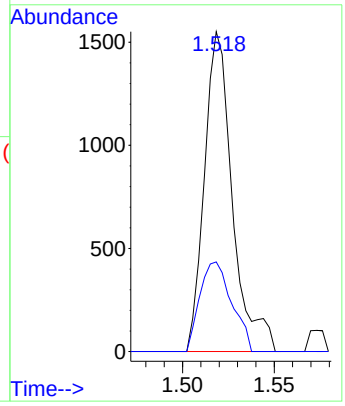


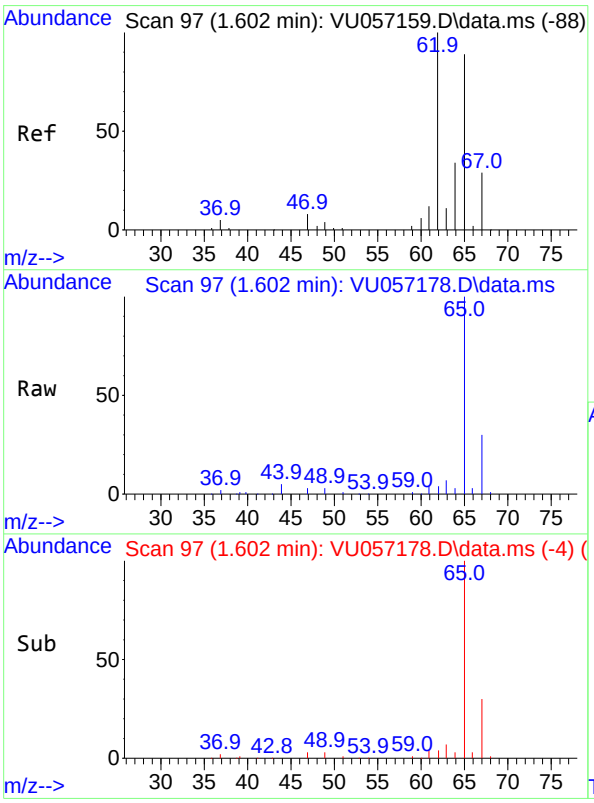
#3
Chloromethane
Concen: 0.146 ug/L
RT: 1.518 min Scan# 7
Delta R.T. -0.000 min
Lab File: VU057178.D
Acq: 22 Dec 2023 09:20

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 50 Resp: 1644

Ion	Ratio	Lower	Upper
50	100		
52	28.0	23.7	44.1

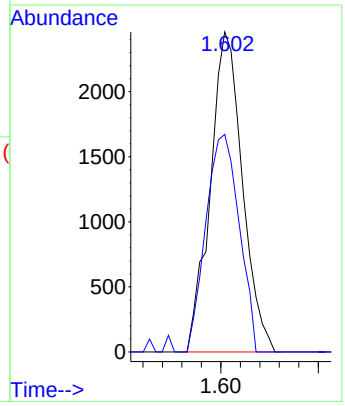


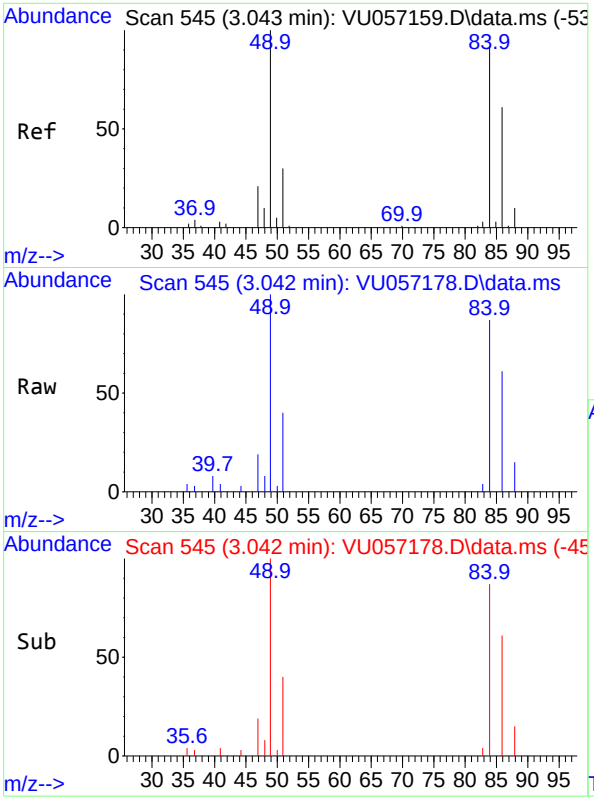


#5
Vinyl chloride
Concen: 0.235 ug/L
RT: 1.602 min Scan# 97
Delta R.T. -0.000 min
Lab File: VU057178.D
Acq: 22 Dec 2023 09:20

Tgt Ion: 62 Resp: 2820

Ion	Ratio	Lower	Upper
62	100		
64	68.0	23.3	43.3#



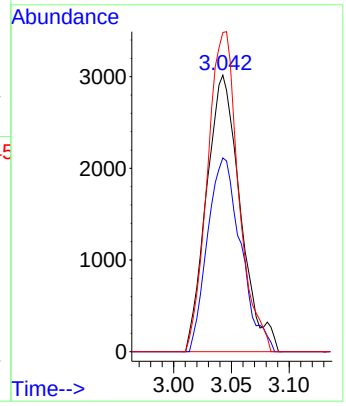


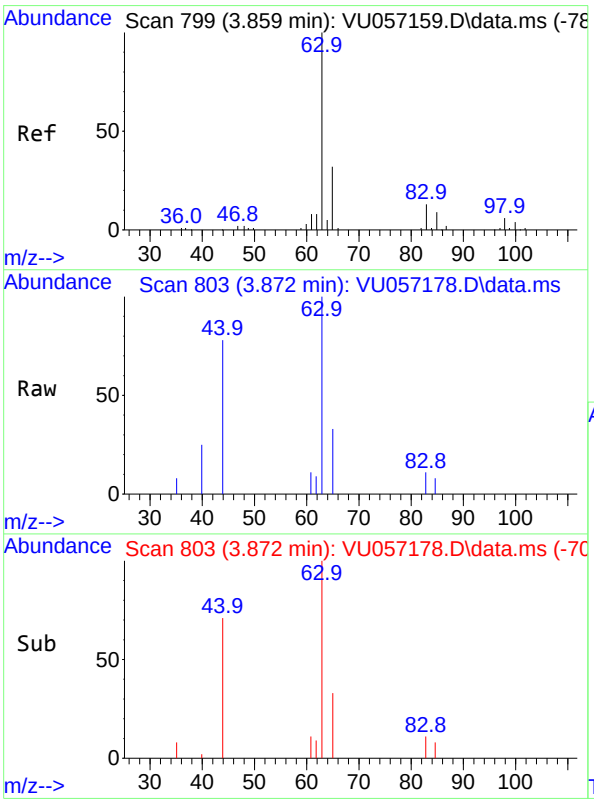
#16
Methylene chloride
Concen: 0.514 ug/L
RT: 3.042 min Scan# 54
Delta R.T. -0.000 min
Lab File: VU057178.D
Acq: 22 Dec 2023 09:20

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 84 Resp: 6136

Ion	Ratio	Lower	Upper
84	100		
86	70.1	44.7	82.9
49	115.5	76.0	141.2

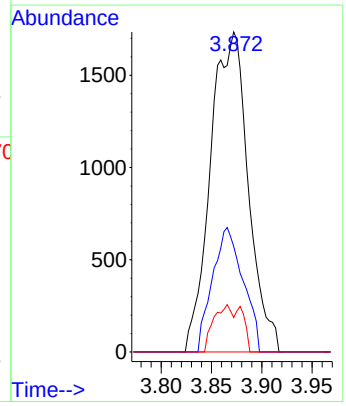


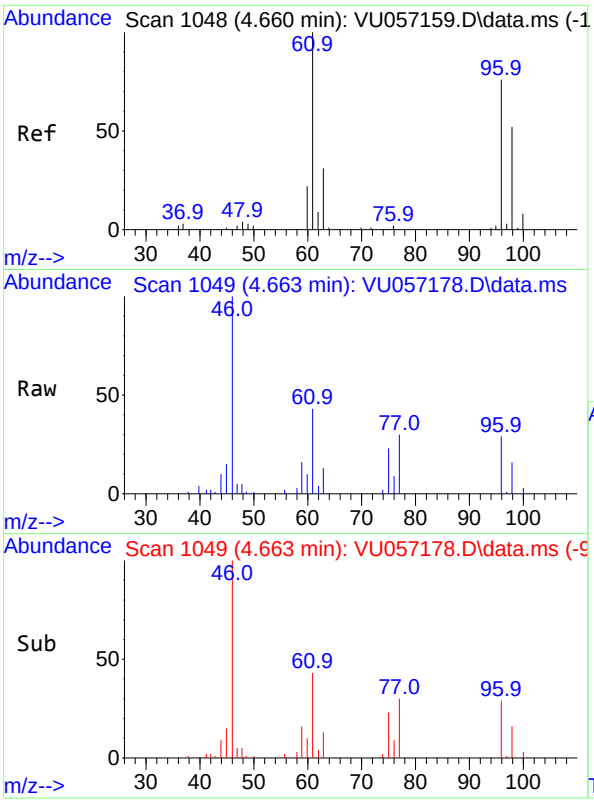


#19
1,1-Dichloroethane
Concen: 0.228 ug/L
RT: 3.872 min Scan# 803
Delta R.T. 0.013 min
Lab File: VU057178.D
Acq: 22 Dec 2023 09:20

Tgt Ion: 63 Resp: 4526

Ion	Ratio	Lower	Upper
63	100		
65	33.0	21.6	40.2
83	10.8	10.2	19.0



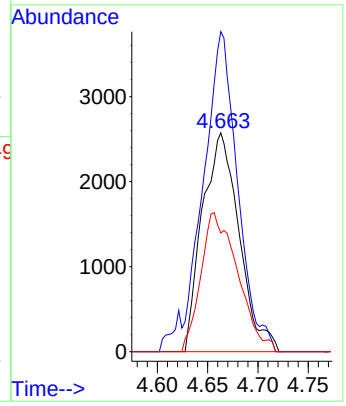


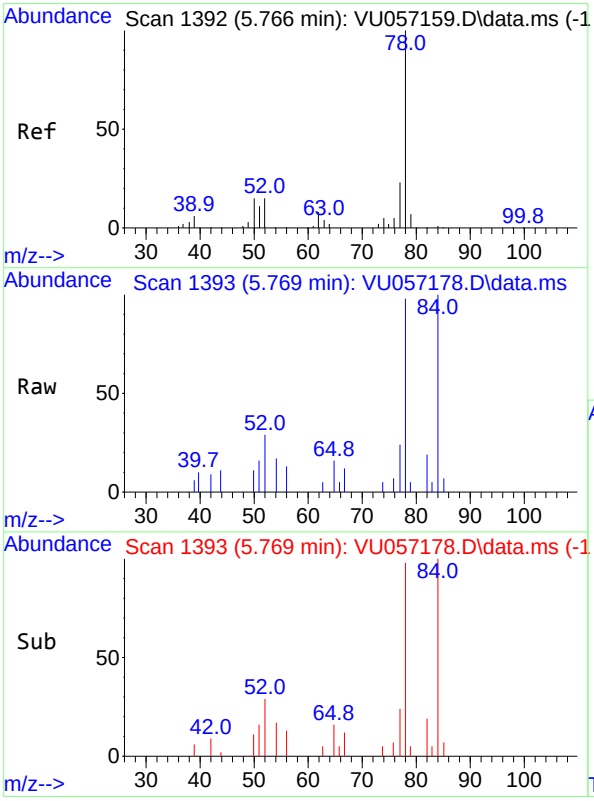
#22
cis-1,2-Dichloroethene
Concen: 0.593 ug/L
RT: 4.663 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU057178.D
Acq: 22 Dec 2023 09:20

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 6531

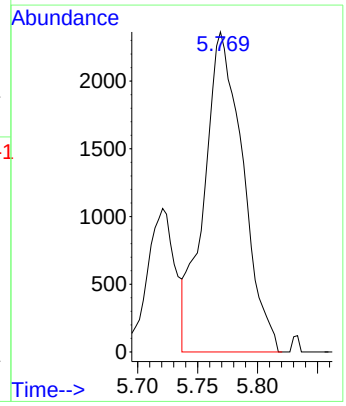
Ion	Ratio	Lower	Upper
96	100		
61	146.2	86.8	161.2
98	54.3	45.5	84.5

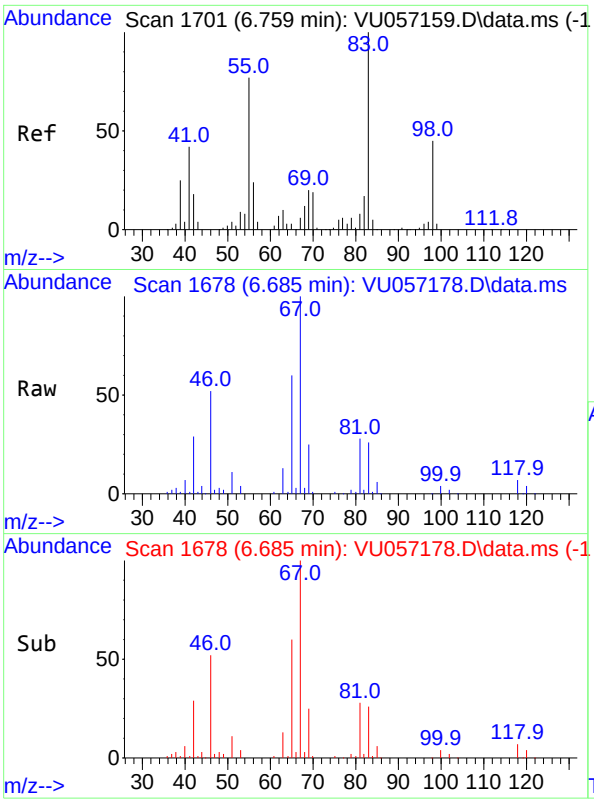




#33
Benzene
Concen: 0.127 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.003 min
Lab File: VU057178.D
Acq: 22 Dec 2023 09:20

Tgt Ion: 78 Resp: 5320



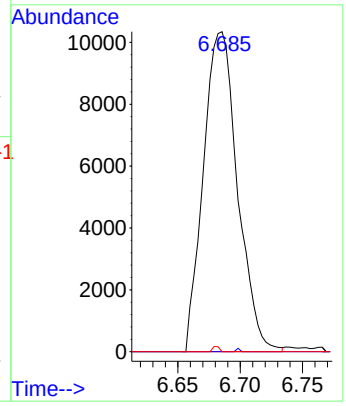


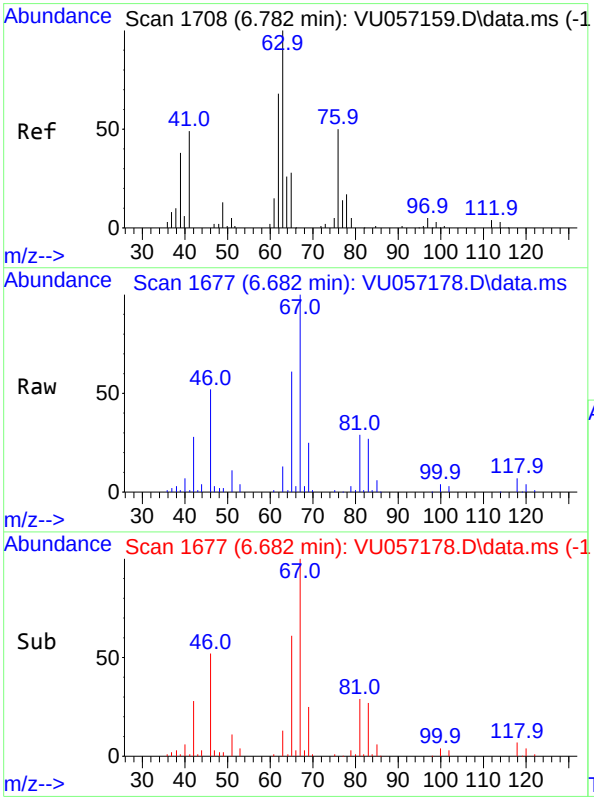
#35
Methylcyclohexane
Concen: 1.225 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.074 min
Lab File: VU057178.D
Acq: 22 Dec 2023 09:20

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 19737

Ion	Ratio	Lower	Upper
83	100		
55	0.1	61.3	91.9#
98	0.3	36.6	55.0#

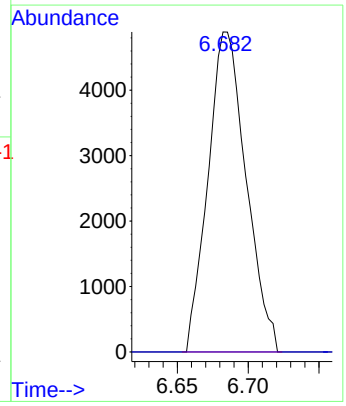


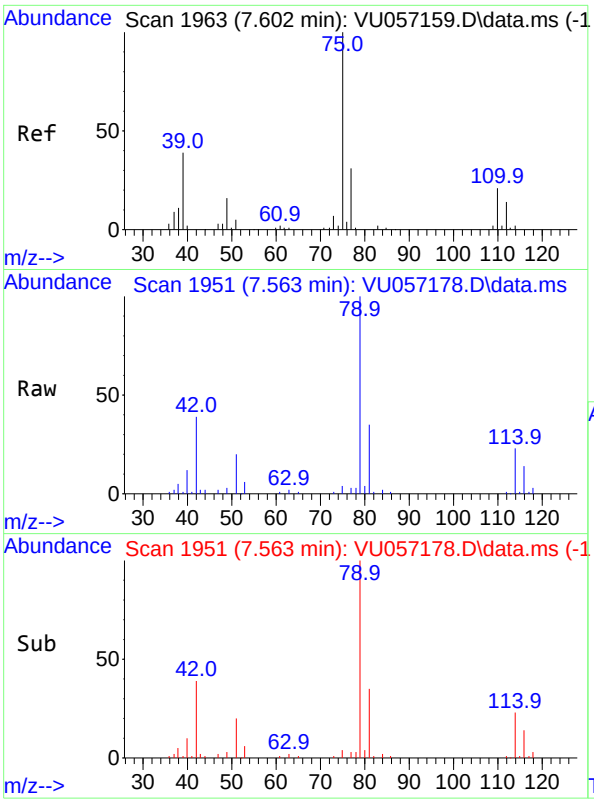


#37
1,2-Dichloropropane
Concen: 0.878 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.100 min
Lab File: VU057178.D
Acq: 22 Dec 2023 09:20

Tgt Ion: 63 Resp: 9145

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#



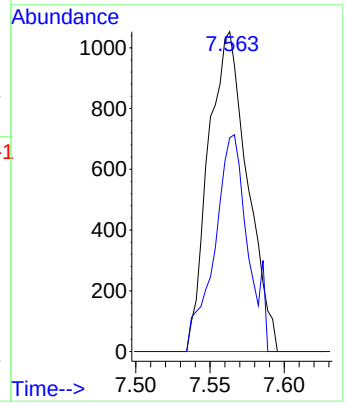


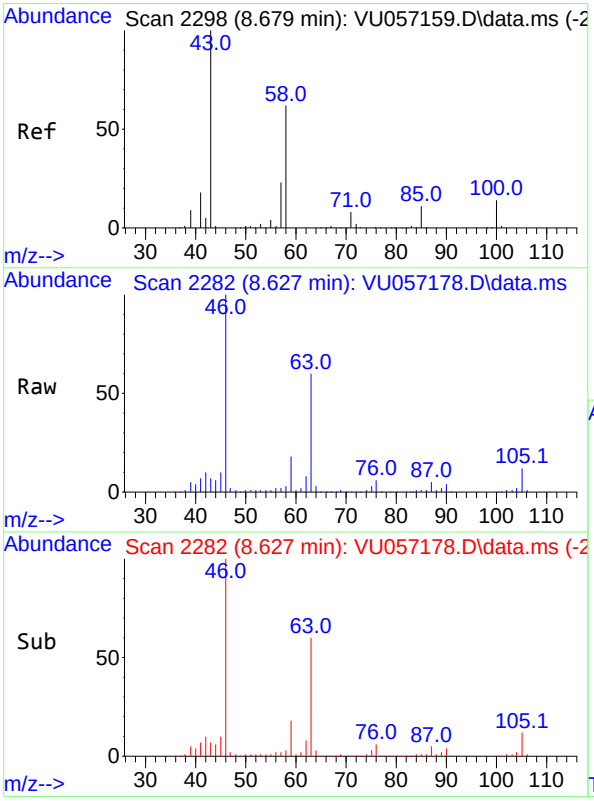
#39
cis-1,3-Dichloropropene
Concen: 0.123 ug/L
RT: 7.563 min Scan# 1
Delta R.T. -0.039 min
Lab File: VU057178.D
Acq: 22 Dec 2023 09:20

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 1924

Ion	Ratio	Lower	Upper
75	100		
77	66.9	21.8	40.4#

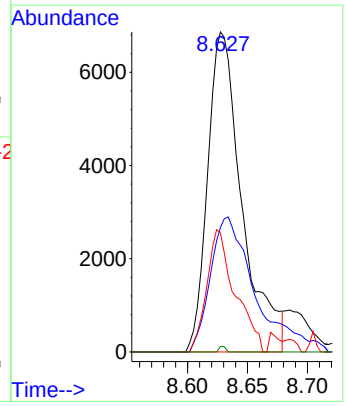


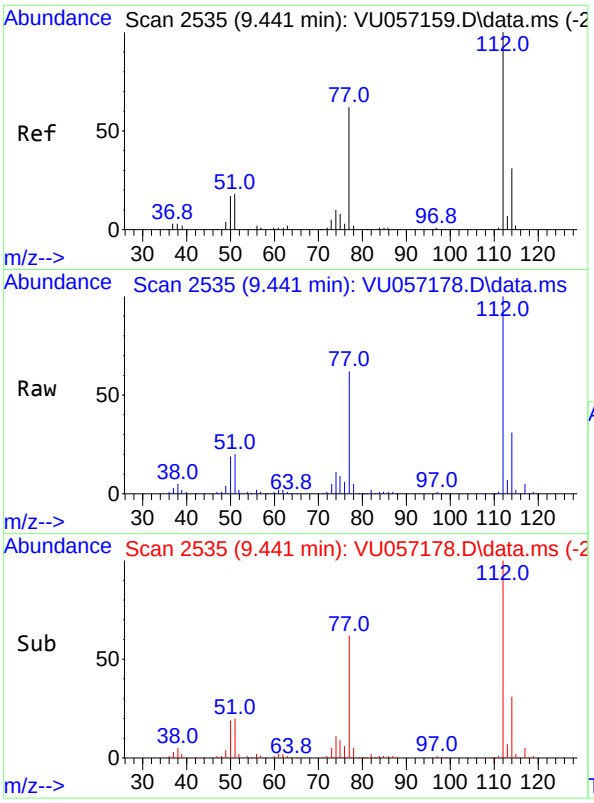


#48
2-Hexanone
Concen: 4.111 ug/L
RT: 8.627 min Scan# 2282
Delta R.T. -0.051 min
Lab File: VU057178.D
Acq: 22 Dec 2023 09:20

Tgt Ion: 43 Resp: 13690

Ion	Ratio	Lower	Upper
43	100		
58	54.9	49.8	74.8
57	31.5	18.5	27.7#
100	0.3	11.1	16.7#



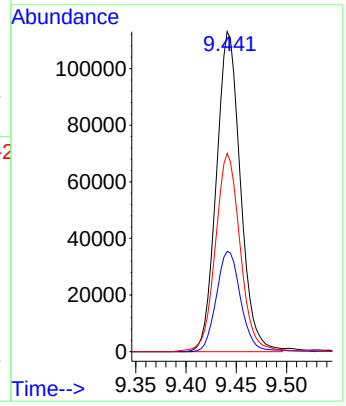


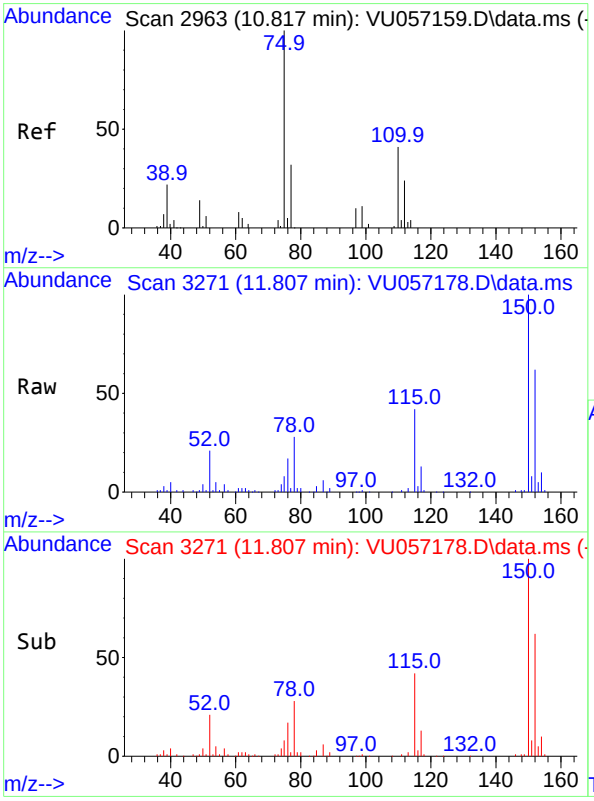
#51
Chlorobenzene
Concen: 6.527 ug/L
RT: 9.441 min Scan# 2
Delta R.T. -0.000 min
Lab File: VU057178.D
Acq: 22 Dec 2023 09:20

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:112 Resp: 188430

Ion	Ratio	Lower	Upper
112	100		
114	31.3	22.7	42.1
77	62.0	52.2	78.2

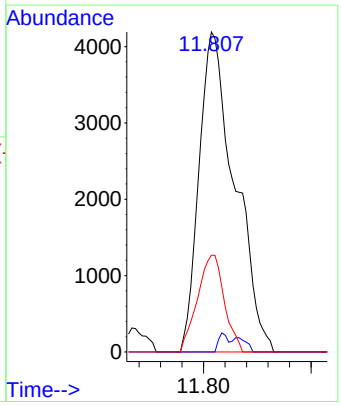


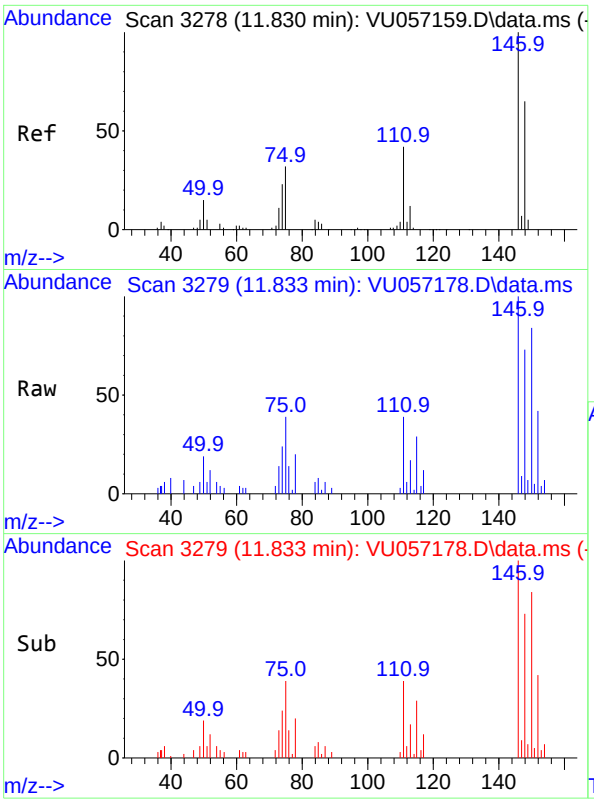


#61
1,2,3-Trichloropropane
Concen: 1.942 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU057178.D
Acq: 22 Dec 2023 09:20

Tgt Ion: 75 Resp: 9667

Ion	Ratio	Lower	Upper
75	100		
110	1.5	31.2	46.8#
77	0.0	25.5	38.3#



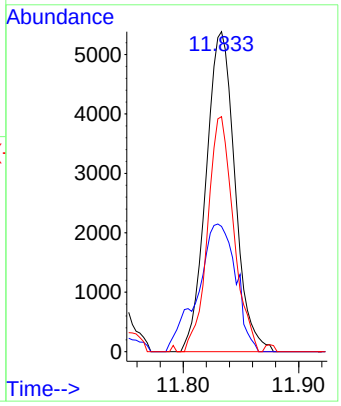


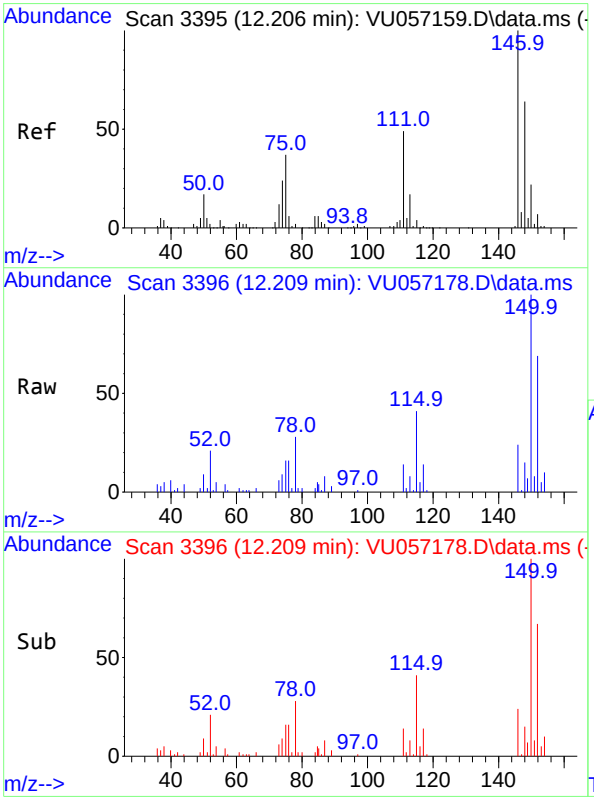
#65
1,4-Dichlorobenzene
Concen: 0.499 ug/L
RT: 11.833 min Scan# 3
Delta R.T. 0.003 min
Lab File: VU057178.D
Acq: 22 Dec 2023 09:20

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:146 Resp: 9350

Ion	Ratio	Lower	Upper
146	100		
111	39.1	28.1	52.3
148	73.4	43.0	79.8





#67
1,2-Dichlorobenzene
Concen: 0.232 ug/L
RT: 12.209 min Scan# 3396
Delta R.T. 0.003 min
Lab File: VU057178.D
Acq: 22 Dec 2023 09:20

Tgt Ion:146 Resp: 3859

Ion	Ratio	Lower	Upper
146	100		
111	59.0	37.9	56.9#
148	63.1	50.1	75.1