Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122123\
Data File : VU057181.D
Acq On : 22 Dec 2023 10:32
Operator : MD/SY
Sample : 05912-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 58 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Dec 22 12:39:35 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	167489	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	165307	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	74571	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	73399	4.585	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 91.600%			
7) Chloroethane-d5	1.914	69	61914	4.698	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 94.000%			
11) 1,1-Dichloroethene-d2	2.563	65	29193	4.209	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 84.200%			
20) 2-Butanone-d5	4.624	46	120085	47.776	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 95.560%			
24) Chloroform-d	5.055	84	139693	4.519	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.400%			
26) 1,2-Dichloroethane-d4	5.695	65	71133	4.828	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.600%			
32) Benzene-d6	5.721	84	257392	4.540	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.800%			
36) 1,2-Dichloropropane-d6	6.685	67	75387	4.672	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.400%			
41) Toluene-d8	7.894	98	216183	4.176	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.600%			
43) trans-1,3-Dichloroprop...	8.174	79	28225	4.202	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 84.000%			
46) 2-Hexanone-d5	8.630	63	105928	46.322	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 92.640%			
56) 1,1,2,2-Tetrachloroeth...	10.749	84	55134	4.802	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.000%			
66) 1,2-Dichlorobenzene-d4	12.187	152	77347	4.820	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.400%			
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	12642	0.863	ug/L	93
19) 1,1-Dichloroethane	3.862	63	25910	1.069	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	38044	2.829	ug/L	97
33) Benzene	5.772	78	27422	0.523	ug/L	100
34) Trichloroethene	6.541	95	4789	0.313	ug/L	95
35) Methylcyclohexane	6.682	83	19470	0.965	ug/L #	19
37) 1,2-Dichloropropane	6.682	63	8744	0.671	ug/L #	88
39) cis-1,3-Dichloropropene	7.560	75	2213	0.113	ug/L #	81
48) 2-Hexanone	8.675	43	2482	0.595	ug/L #	64
51) Chlorobenzene	9.441	112	1193669	33.023	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	8712	0.335	ug/L	92
65) 1,4-Dichlorobenzene	11.830	146	63293	2.419	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	26460	1.138	ug/L	98

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

Quantitation Report (Not Reviewed)

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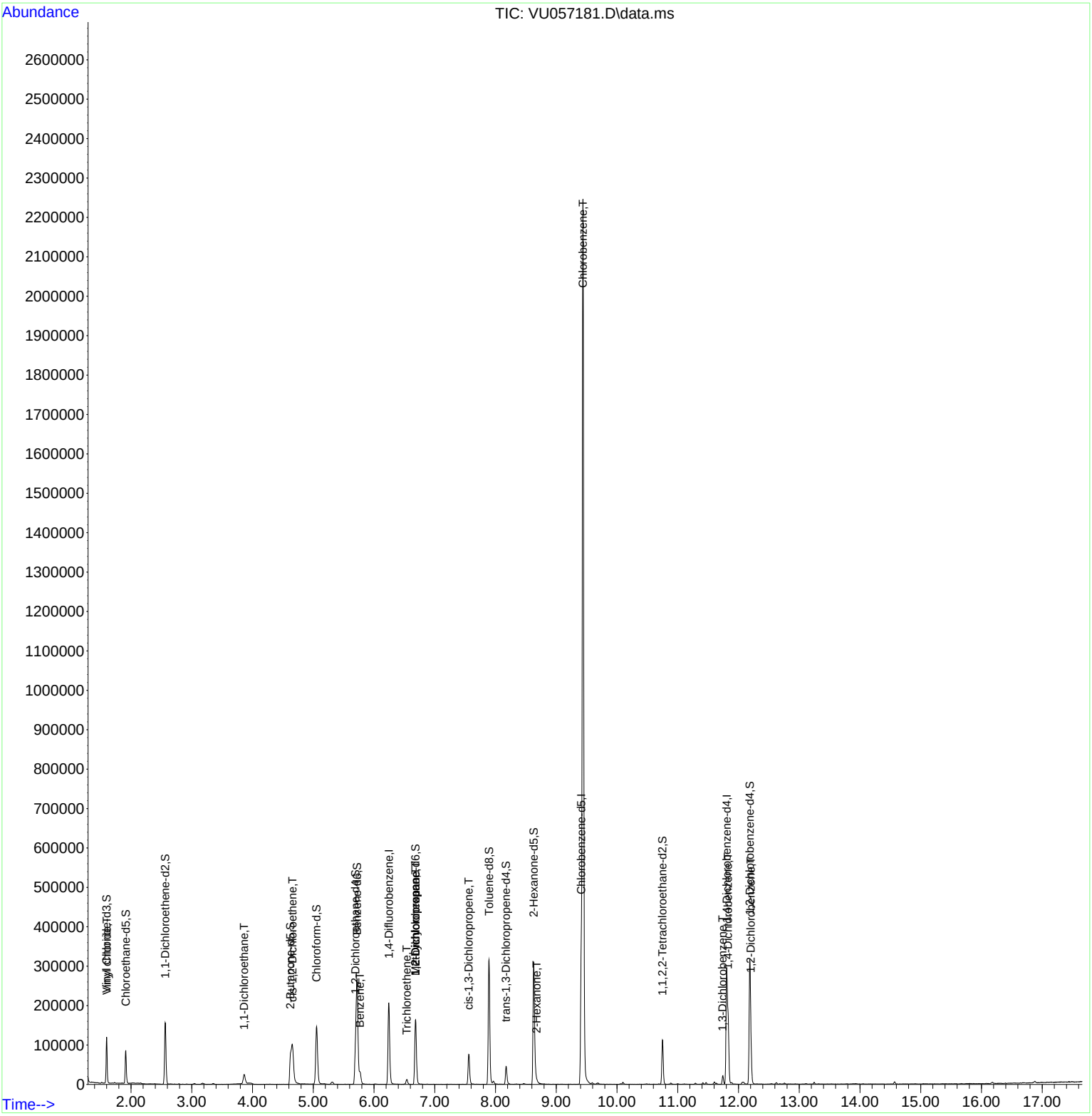
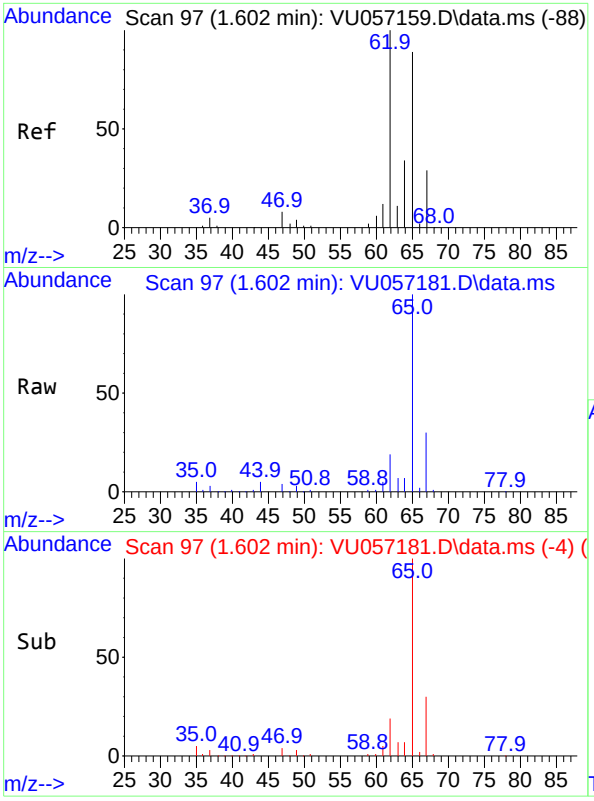
MSVOA_U
ClientSampleId :

Quant Time: Dec 22 12:39:35 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



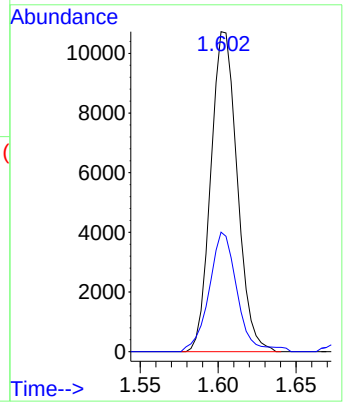


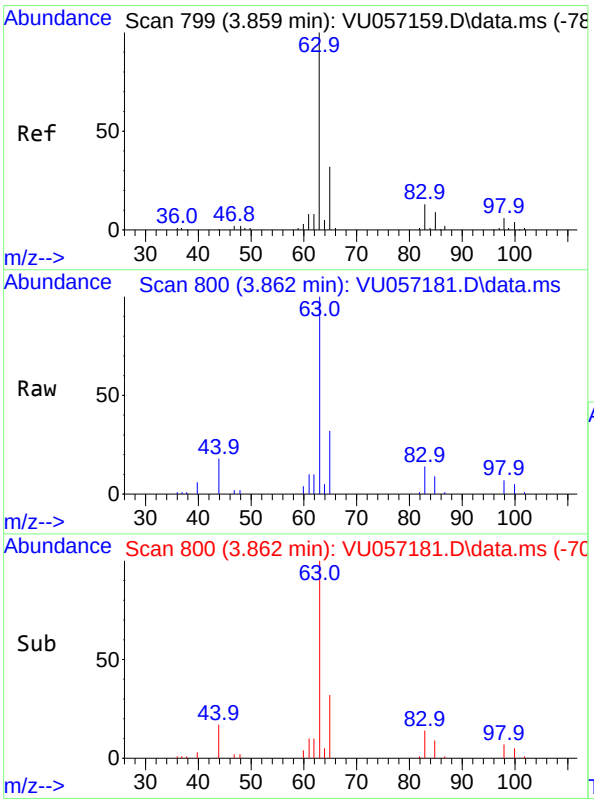
#5
Vinyl chloride
Concen: 0.863 ug/L
RT: 1.602 min Scan# 9
Delta R.T. -0.000 min
Lab File: VU057181.D
Acq: 22 Dec 2023 10:32

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 12642

Ion	Ratio	Lower	Upper
62	100		
64	37.4	23.3	43.3

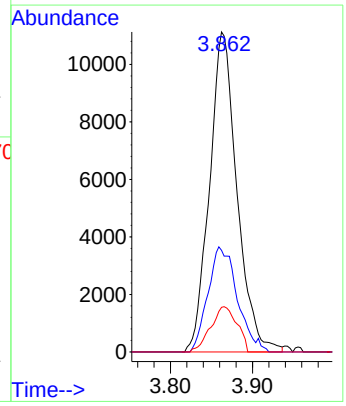


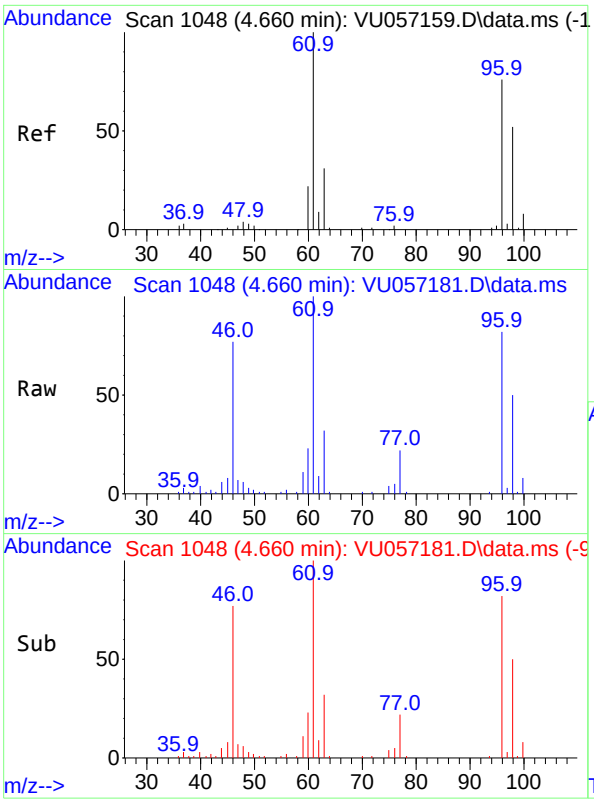


#19
1,1-Dichloroethane
Concen: 1.069 ug/L
RT: 3.862 min Scan# 800
Delta R.T. 0.003 min
Lab File: VU057181.D
Acq: 22 Dec 2023 10:32

Tgt Ion: 63 Resp: 25910

Ion	Ratio	Lower	Upper
63	100		
65	31.8	21.6	40.2
83	13.9	10.2	19.0



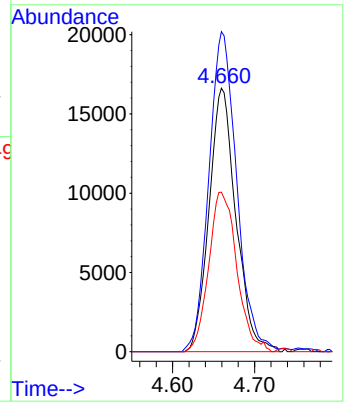


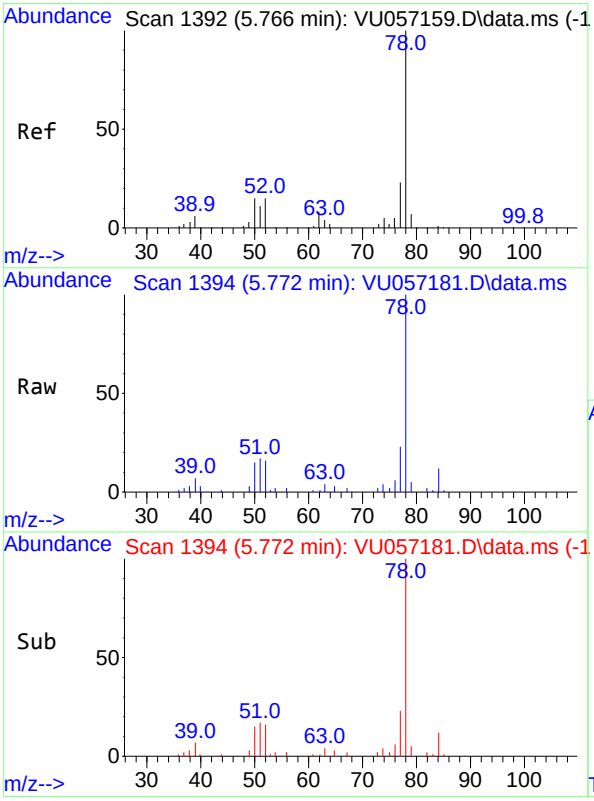
#22
cis-1,2-Dichloroethene
Concen: 2.829 ug/L
RT: 4.660 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU057181.D
Acq: 22 Dec 2023 10:32

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 38044

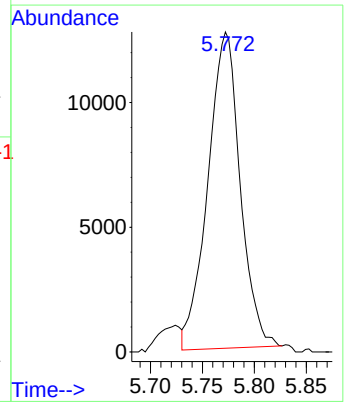
Ion	Ratio	Lower	Upper
96	100		
61	121.5	86.8	161.2
98	60.5	45.5	84.5

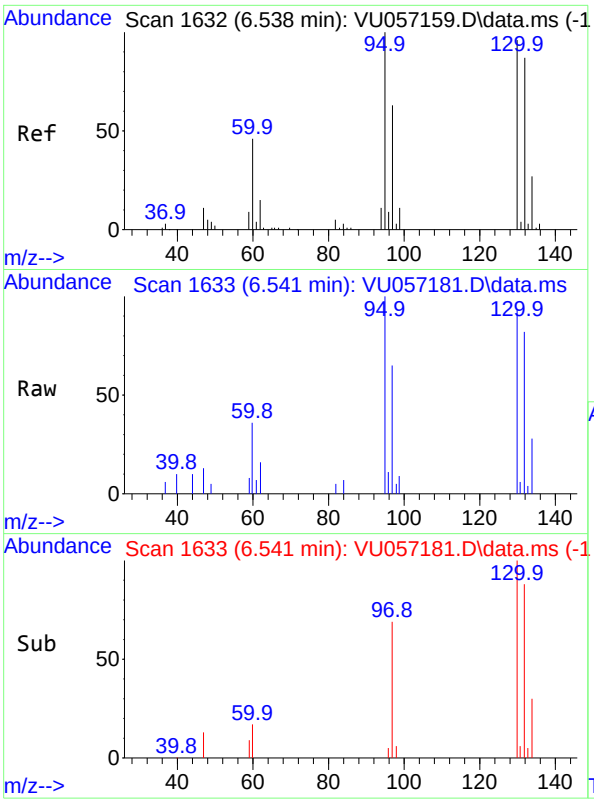




#33
Benzene
Concen: 0.523 ug/L
RT: 5.772 min Scan# 1394
Delta R.T. 0.006 min
Lab File: VU057181.D
Acq: 22 Dec 2023 10:32

Tgt Ion: 78 Resp: 27422



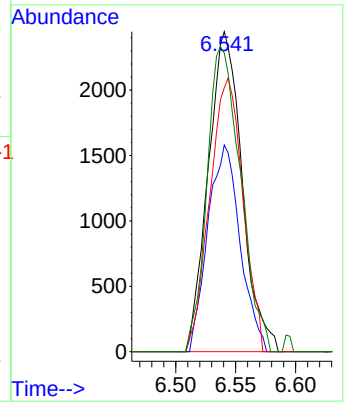


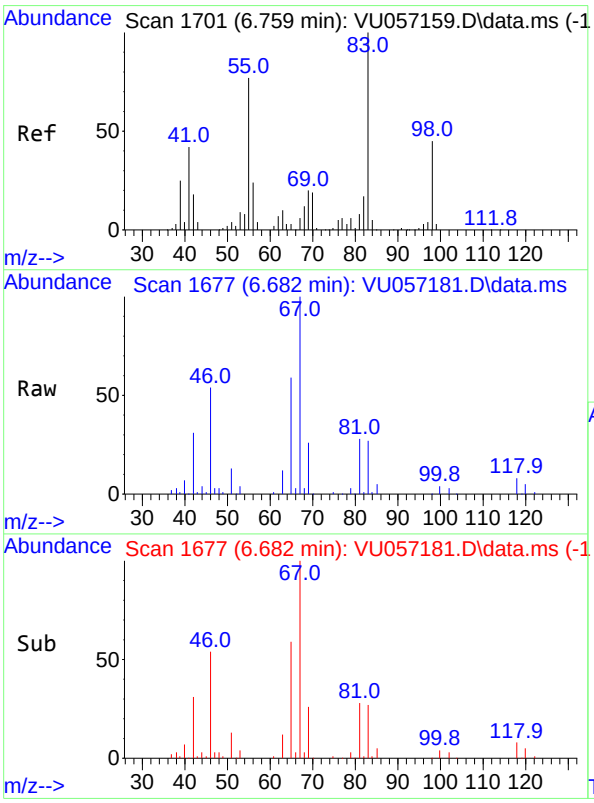
#34
Trichloroethene
Concen: 0.313 ug/L
RT: 6.541 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU057181.D
Acq: 22 Dec 2023 10:32

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 4789

Ion	Ratio	Lower	Upper
95	100		
97	64.6	44.3	82.3
132	82.5	62.6	116.2
130	93.3	62.4	116.0

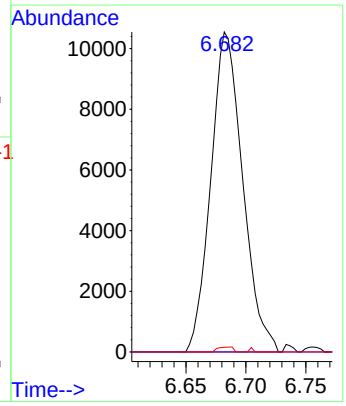


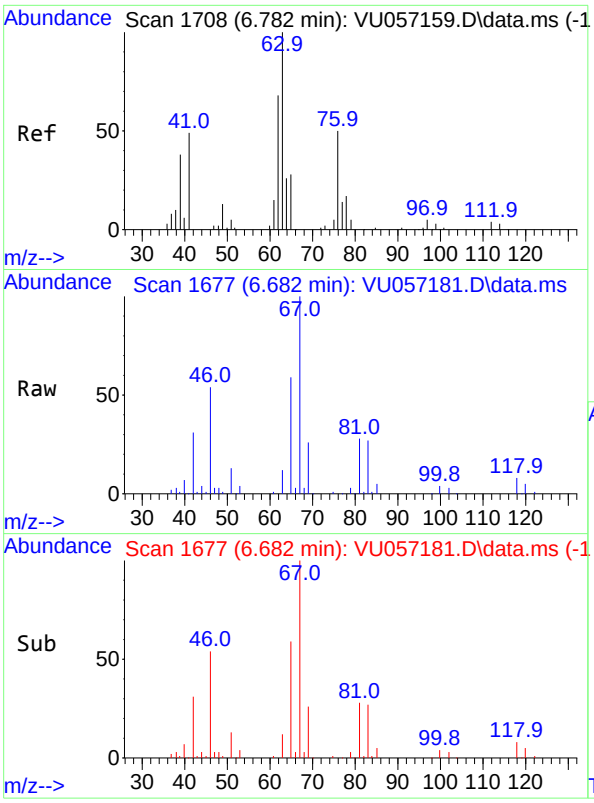


#35
Methylcyclohexane
Concen: 0.965 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.077 min
Lab File: VU057181.D
Acq: 22 Dec 2023 10:32

Tgt Ion: 83 Resp: 19470

Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.3	91.9#
98	0.7	36.6	55.0#



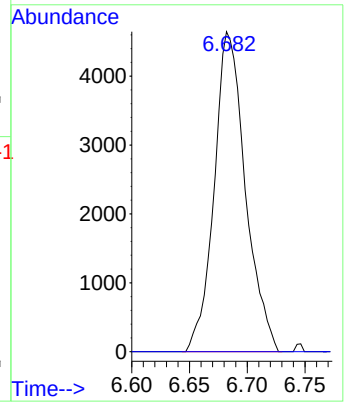


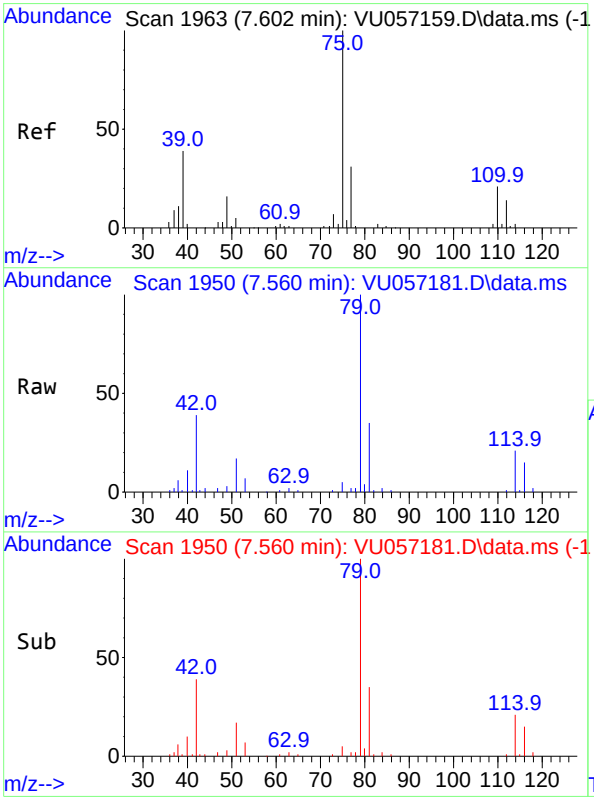
#37
1,2-Dichloropropane
Concen: 0.671 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU057181.D
Acq: 22 Dec 2023 10:32

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 8744

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#

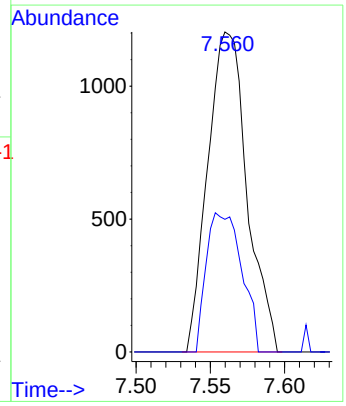


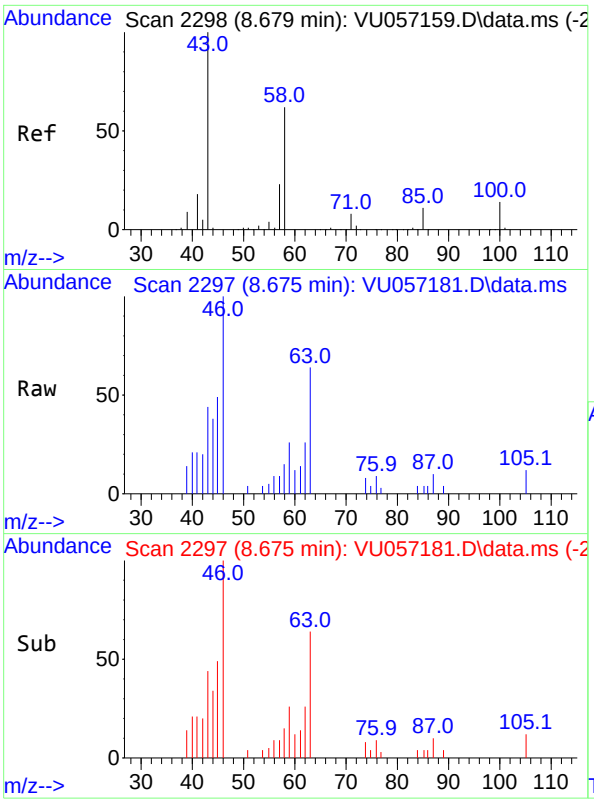


#39
cis-1,3-Dichloropropene
Concen: 0.113 ug/L
RT: 7.560 min Scan# 1950
Delta R.T. -0.042 min
Lab File: VU057181.D
Acq: 22 Dec 2023 10:32

Tgt Ion: 75 Resp: 2213

Ion	Ratio	Lower	Upper
75	100		
77	41.4	21.8	40.4#



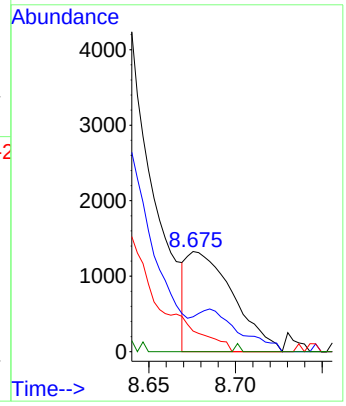


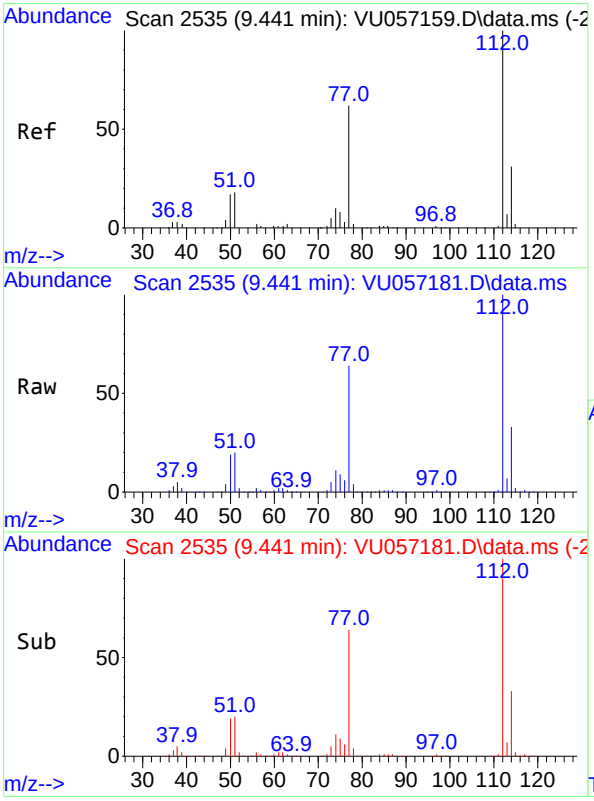
#48
2-Hexanone
Concen: 0.595 ug/L
RT: 8.675 min Scan# 2
Delta R.T. -0.003 min
Lab File: VU057181.D
Acq: 22 Dec 2023 10:32

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 2482

Ion	Ratio	Lower	Upper
43	100		
58	37.1	49.8	74.8#
57	0.0	18.5	27.7#
100	0.8	11.1	16.7#

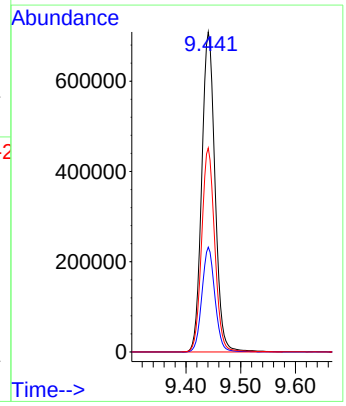


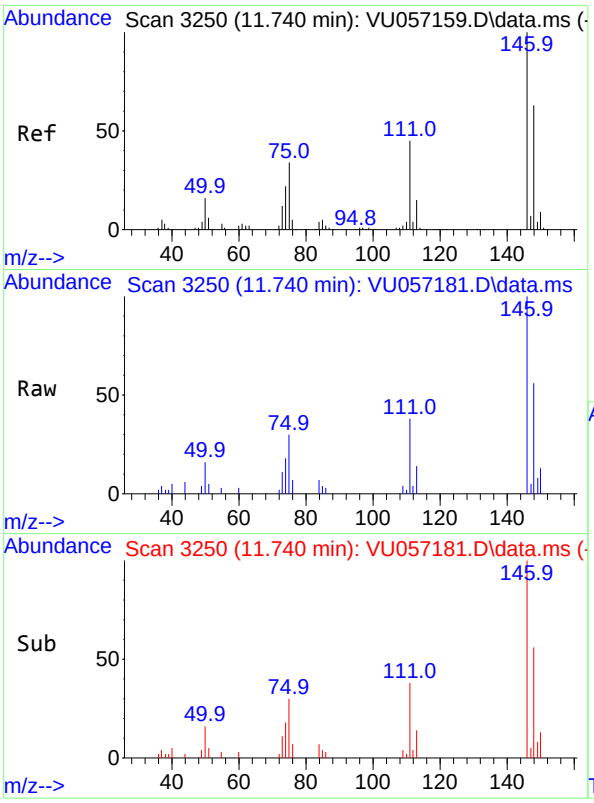


#51
Chlorobenzene
Concen: 33.023 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.000 min
Lab File: VU057181.D
Acq: 22 Dec 2023 10:32

Tgt Ion:112 Resp: 1193669

Ion	Ratio	Lower	Upper
112	100		
114	32.8	22.7	42.1
77	63.7	52.2	78.2



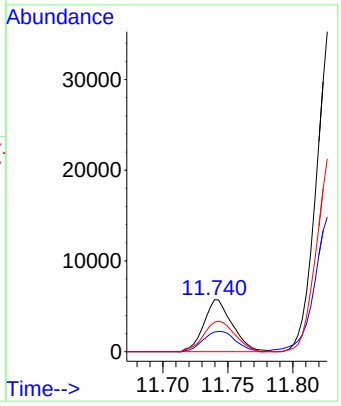


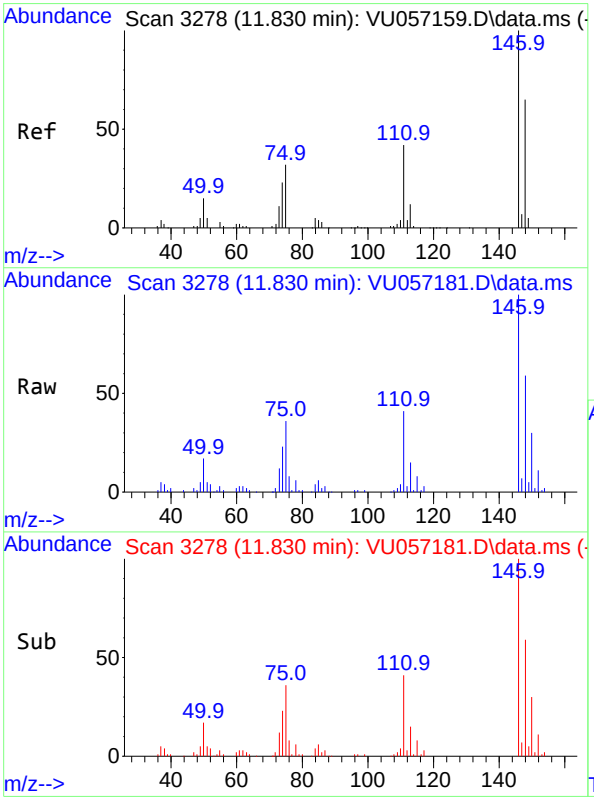
#64
1,3-Dichlorobenzene
Concen: 0.335 ug/L
RT: 11.740 min Scan# 3
Delta R.T. -0.000 min
Lab File: VU057181.D
Acq: 22 Dec 2023 10:32

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:146 Resp: 8712

Ion	Ratio	Lower	Upper
146	100		
111	37.9	30.4	56.4
148	56.4	43.4	80.6

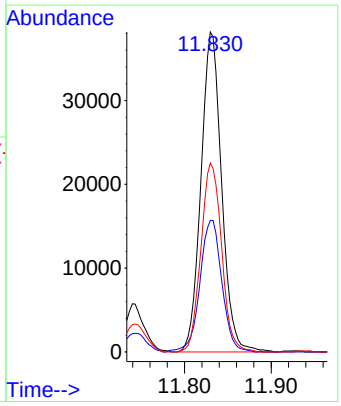


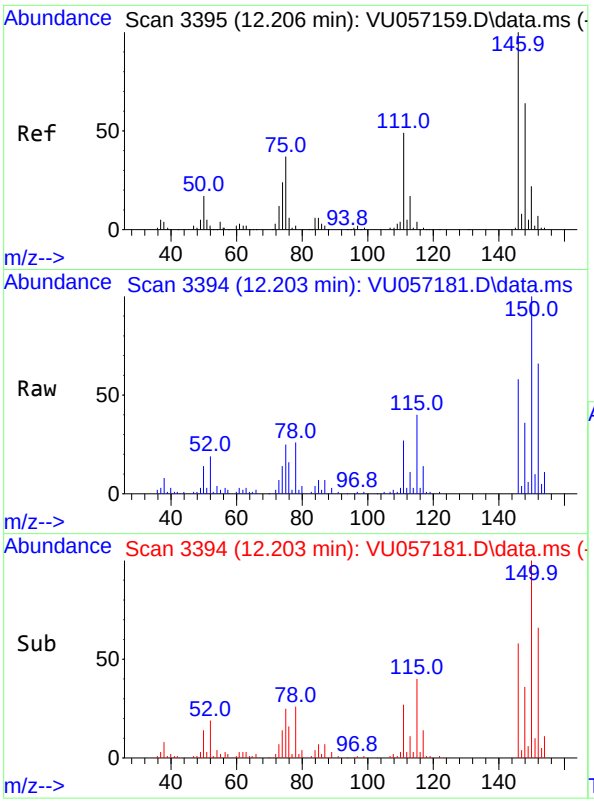


#65
1,4-Dichlorobenzene
Concen: 2.419 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.000 min
Lab File: VU057181.D
Acq: 22 Dec 2023 10:32

Tgt Ion:146 Resp: 63293

Ion	Ratio	Lower	Upper
146	100		
111	41.1	28.1	52.3
148	59.1	43.0	79.8





#67
1,2-Dichlorobenzene
Concen: 1.138 ug/L
RT: 12.203 min Scan# 3
Delta R.T. -0.003 min
Lab File: VU057181.D
Acq: 22 Dec 2023 10:32

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:146 Resp: 26460

Ion	Ratio	Lower	Upper
146	100		
111	46.1	37.9	56.9
148	61.6	50.1	75.1