Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040824\
Data File : VU058482.D
Acq On : 08 Apr 2024 20:56
Operator : MD/SY
Sample : P2013-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Apr 09 05:50:41 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Apr 09 05:30:00 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	72326	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	68502	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	29353	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	15558	3.249	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 65.000%			
7) Chloroethane-d5	1.907	69	15805	3.798	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 76.000%			
11) 1,1-Dichloroethene-d2	2.560	65	7007	3.233	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 64.600%			
20) 2-Butanone-d5	4.621	46	49307	48.862	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 97.720%			
24) Chloroform-d	5.052	84	41871	4.380	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.600%			
26) 1,2-Dichloroethane-d4	5.692	65	20701	4.640	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.800%			
32) Benzene-d6	5.717	84	75240	4.080	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 81.600%			
36) 1,2-Dichloropropane-d6	6.682	67	25879	4.474	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 89.400%			
41) Toluene-d8	7.891	98	58740	3.592	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 71.800%			
43) trans-1,3-Dichloroprop...	8.174	79	7348	4.093	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 81.800%			
46) 2-Hexanone-d5	8.627	63	33047	44.629	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 89.260%			
56) 1,1,2,2-Tetrachloroeth...	10.749	84	19450	4.764	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.200%			
66) 1,2-Dichlorobenzene-d4	12.187	152	22433	4.538	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 90.800%			
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	130866	17.761	ug/L	100
12) 1,1-Dichloroethene	2.573	96	1063	0.207	ug/L #	1
15) Methyl Acetate	2.952	43	890	0.438	ug/L #	55
18) trans-1,2-Dichloroethene	3.351	96	2557	0.476	ug/L	98
22) cis-1,2-Dichloroethene	4.653	96	415917	68.942	ug/L	97
33) Benzene	5.772	78	4233	0.170	ug/L	100
34) Trichloroethene	6.534	95	30404	4.857	ug/L	96
35) Methylcyclohexane	6.682	83	5660	0.600	ug/L #	22
37) 1,2-Dichloropropane	6.685	63	3062	0.469	ug/L #	90
42) Toluene	7.968	91	2787	0.107	ug/L	87
47) Tetrachloroethene	8.547	164	21587	4.705	ug/L	97
49) Dibromochloromethane	8.547	129	21253	4.818	ug/L #	11
61) 1,2,3-Trichloropropane	11.804	75	4045	1.351	ug/L #	69
69) 1,3,5-Trichlorobenzene	13.842	180	1647	0.213	ug/L	95
70) 1,2,4-trichlorobenzene	13.842	180	1647	0.277	ug/L	98

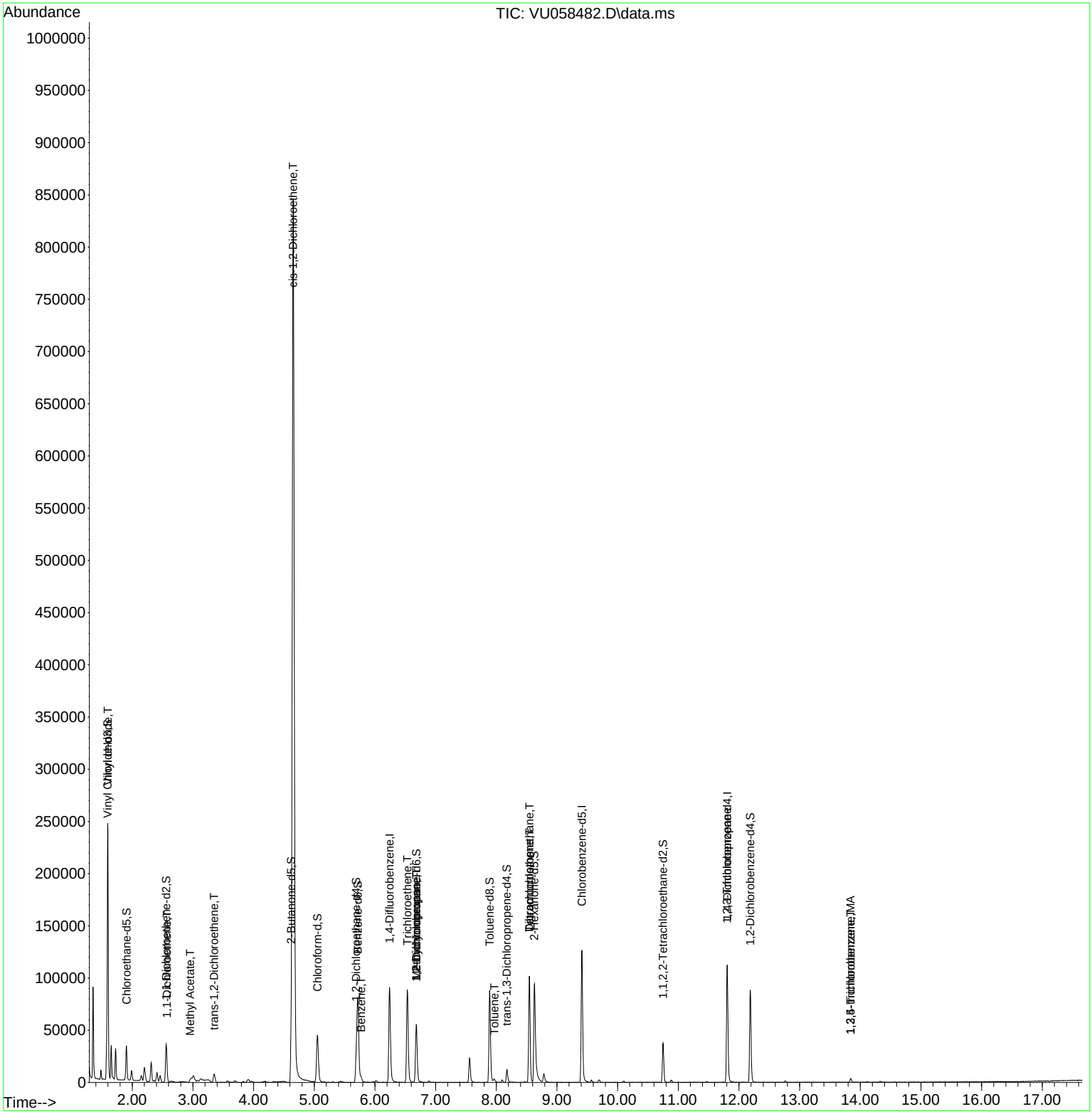
(#) = qualifier out of range (m) = manual integration (+) = signals summed

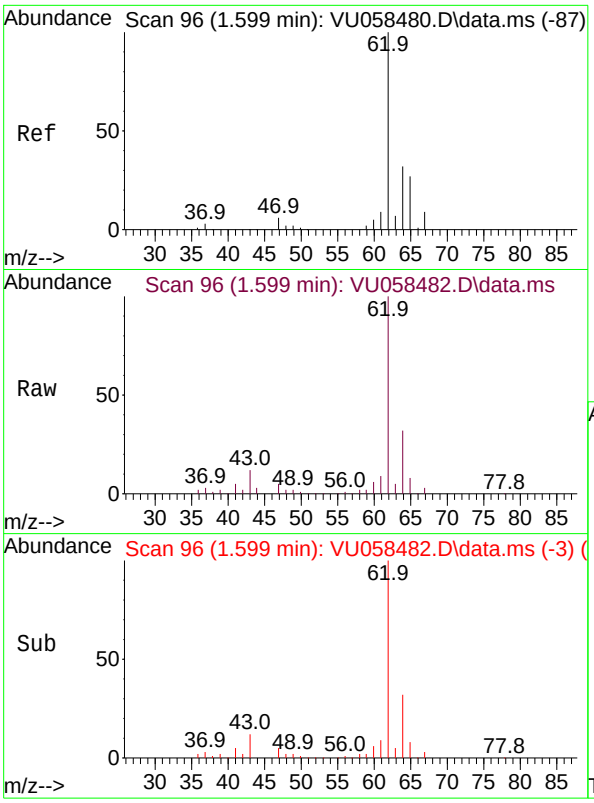
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040824\
Data File : VU058482.D
Acq On : 08 Apr 2024 20:56
Operator : MD/SY
Sample : P2013-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Apr 09 05:50:41 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Apr 09 05:30:00 2024
Response via : Initial Calibration



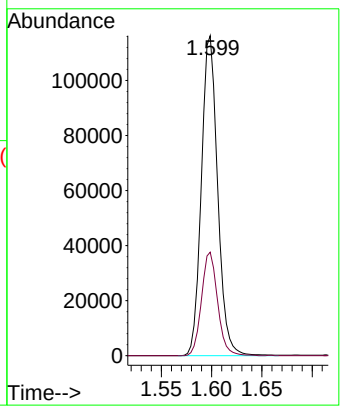


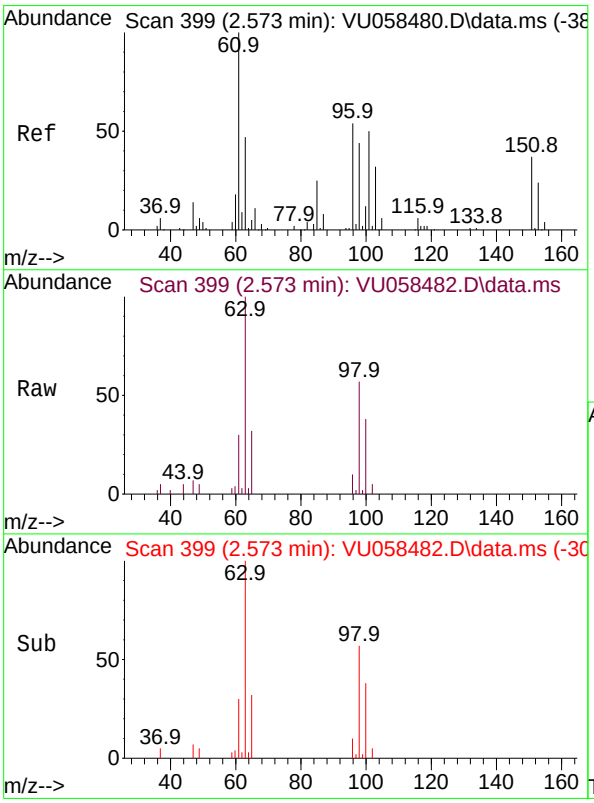
#5
Vinyl chloride
Concen: 17.761 ug/L
RT: 1.599 min Scan# 9
Delta R.T. -0.000 min
Lab File: VU058482.D
Acq: 08 Apr 2024 20:56

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 130866

Ion	Ratio	Lower	Upper
62	100		
64	32.4	22.6	42.0

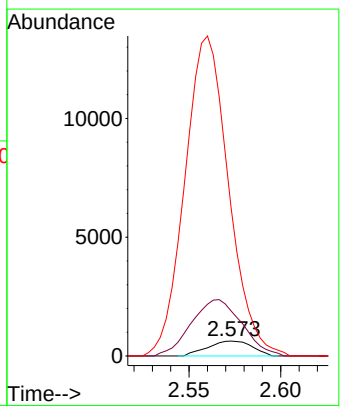


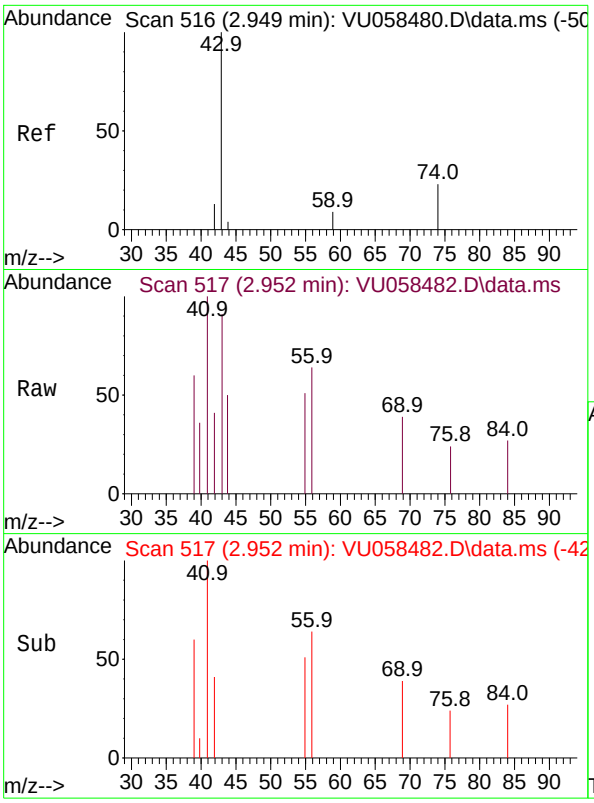


#12
1,1-Dichloroethene
Concen: 0.207 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU058482.D
Acq: 08 Apr 2024 20:56

Tgt Ion: 96 Resp: 1063

Ion	Ratio	Lower	Upper
96	100		
61	304.2	132.5	246.1#
63	1005.0	87.7	162.9#



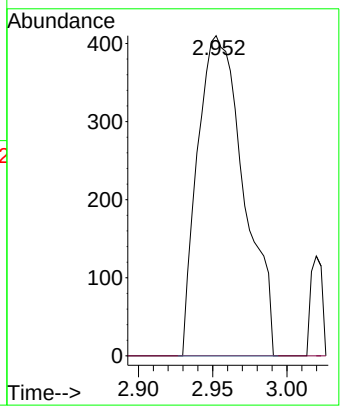


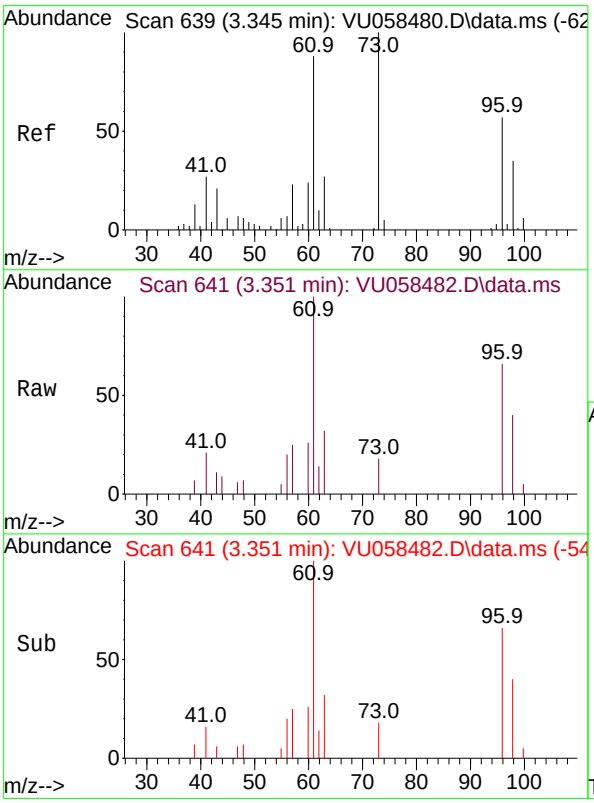
#15
Methyl Acetate
Concen: 0.438 ug/L
RT: 2.952 min Scan# 5
Delta R.T. 0.003 min
Lab File: VU058482.D
Acq: 08 Apr 2024 20:56

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 890

Ion	Ratio	Lower	Upper
43	100		
74	0.0	16.6	25.0#

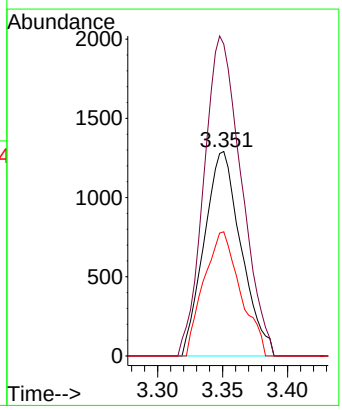


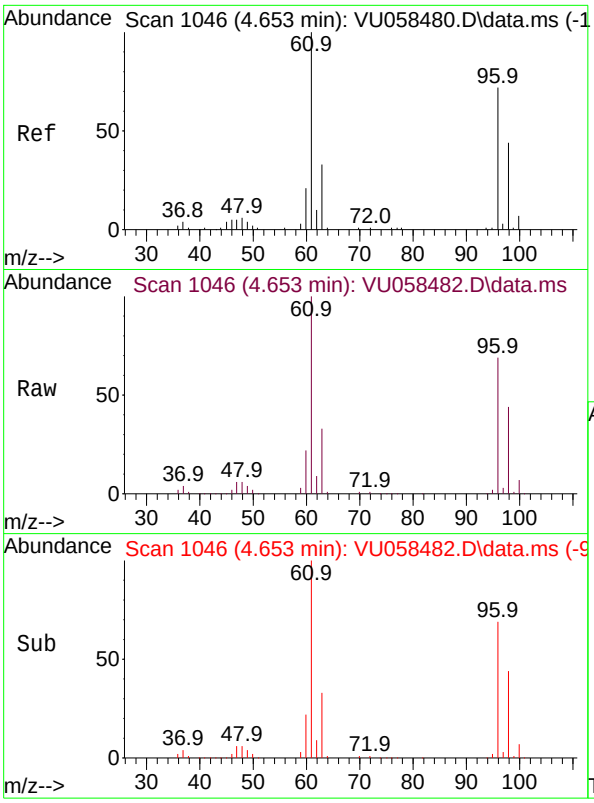


#18
trans-1,2-Dichloroethene
Concen: 0.476 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.006 min
Lab File: VU058482.D
Acq: 08 Apr 2024 20:56

Tgt Ion: 96 Resp: 2557

Ion	Ratio	Lower	Upper
96	100		
61	152.4	107.6	199.8
98	60.7	45.1	83.7



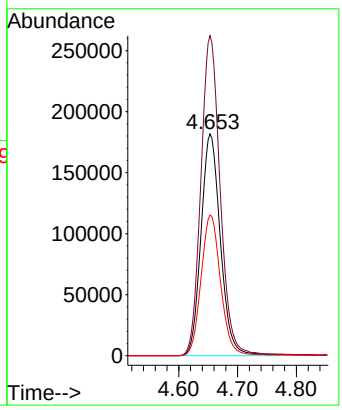


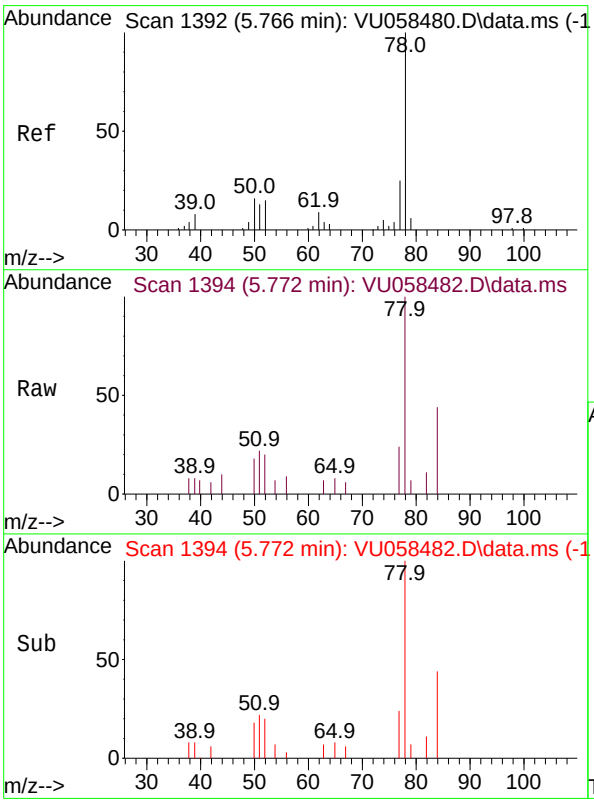
#22
cis-1,2-Dichloroethene
Concen: 68.942 ug/L
RT: 4.653 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU058482.D
Acq: 08 Apr 2024 20:56

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 415917

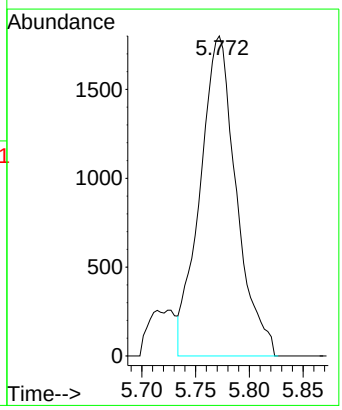
Ion	Ratio	Lower	Upper
96	100		
61	144.3	98.1	182.3
98	63.4	43.6	81.0

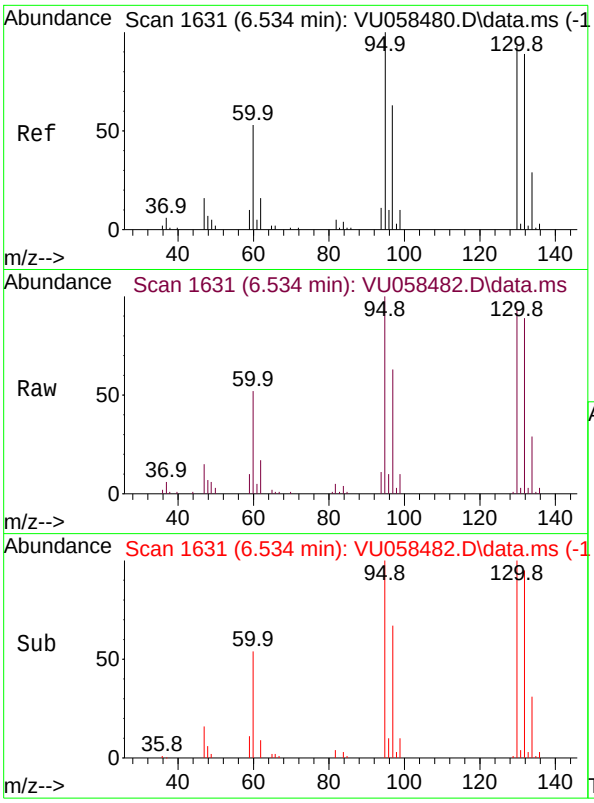




#33
Benzene
Concen: 0.170 ug/L
RT: 5.772 min Scan# 1394
Delta R.T. 0.006 min
Lab File: VU058482.D
Acq: 08 Apr 2024 20:56

Tgt Ion: 78 Resp: 4233



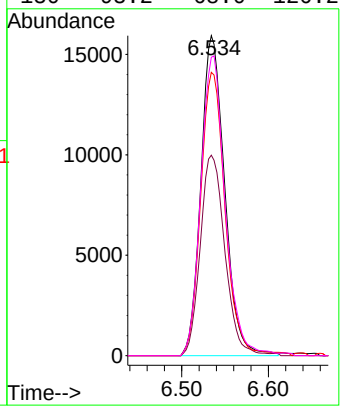


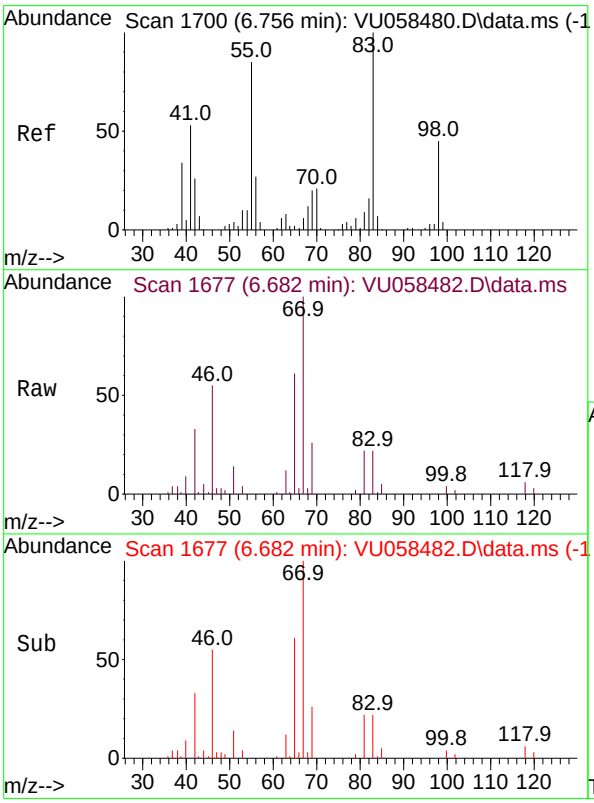
#34
Trichloroethene
Concen: 4.857 ug/L
RT: 6.534 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU058482.D
Acq: 08 Apr 2024 20:56

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 30404

Ion	Ratio	Lower	Upper
95	100		
97	62.7	45.6	84.6
132	88.5	64.8	120.3
130	93.2	68.0	126.2

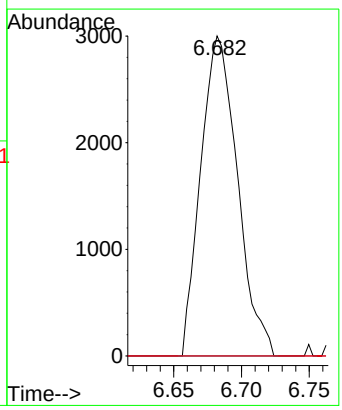


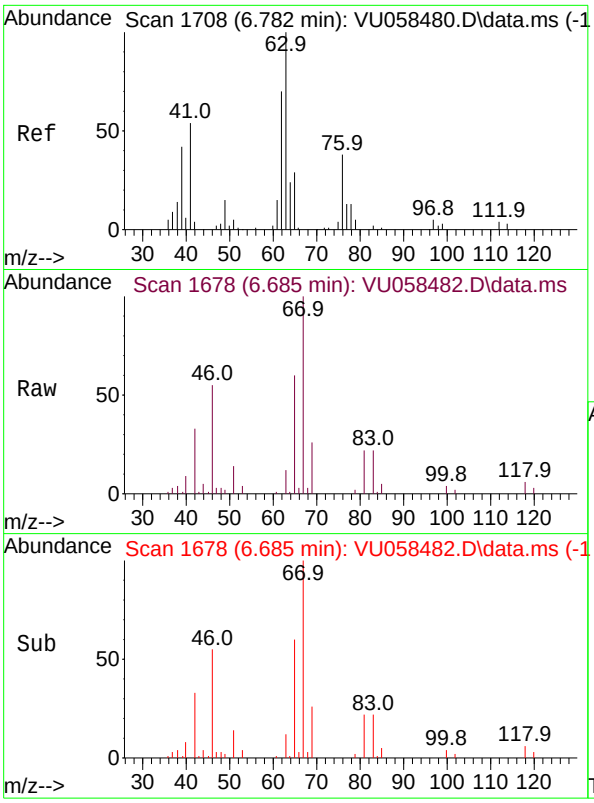


#35
Methylcyclohexane
Concen: 0.600 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU058482.D
Acq: 08 Apr 2024 20:56

Tgt Ion: 83 Resp: 5660

Ion	Ratio	Lower	Upper
83	100		
55	0.0	66.2	99.4#
98	10.2	34.6	52.0#



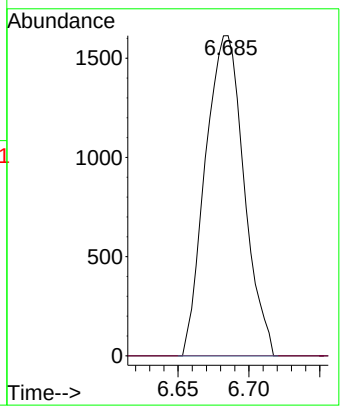


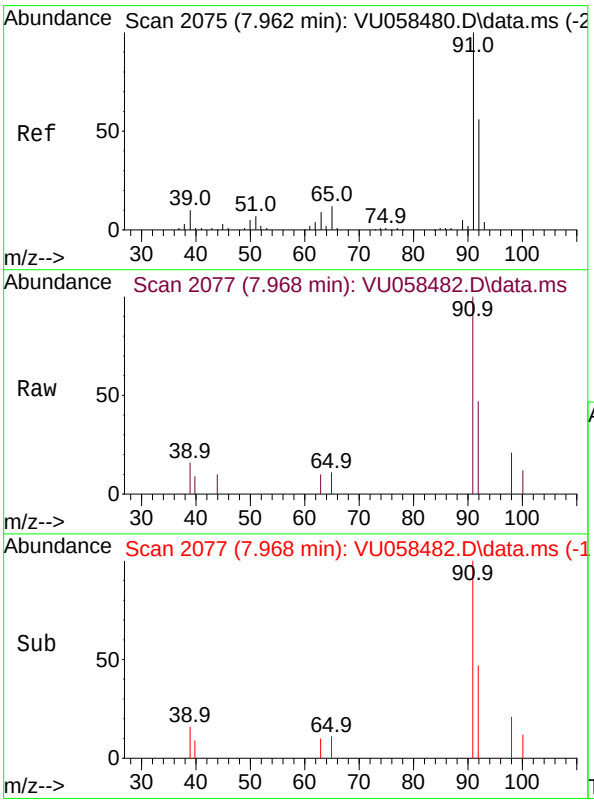
#37
1,2-Dichloropropane
Concen: 0.469 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.097 min
Lab File: VU058482.D
Acq: 08 Apr 2024 20:56

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 3062

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.6	4.0#

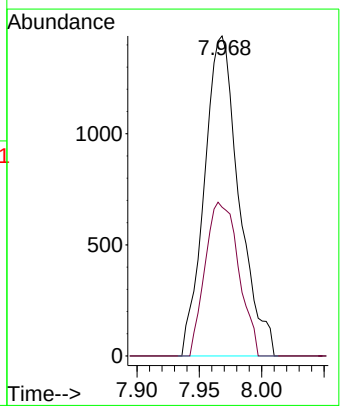


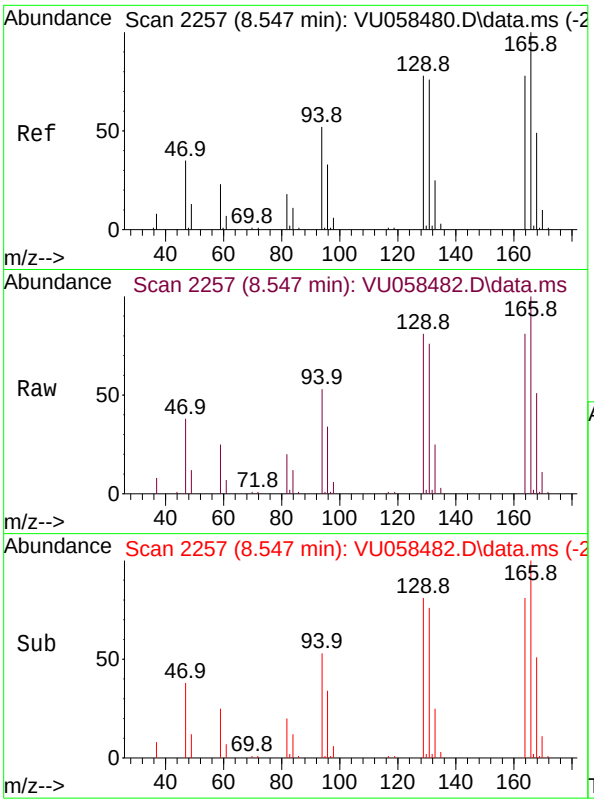


#42
Toluene
Concen: 0.107 ug/L
RT: 7.968 min Scan# 2077
Delta R.T. 0.006 min
Lab File: VU058482.D
Acq: 08 Apr 2024 20:56

Tgt Ion: 91 Resp: 2787

Ion	Ratio	Lower	Upper
91	100		
92	46.5	39.5	73.3



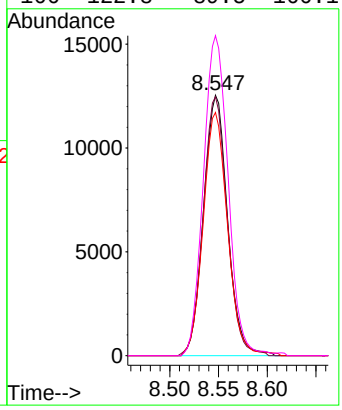


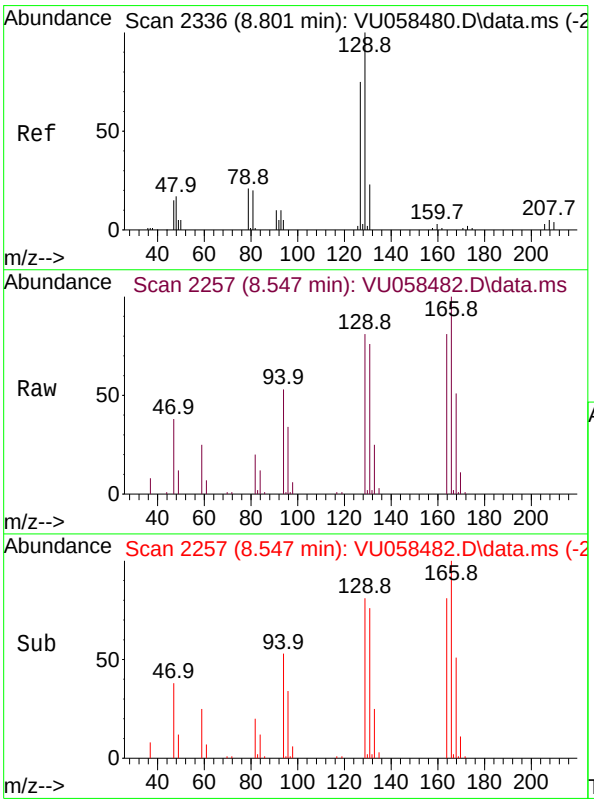
#47
Tetrachloroethene
Concen: 4.705 ug/L
RT: 8.547 min Scan# 2
Delta R.T. -0.000 min
Lab File: VU058482.D
Acq: 08 Apr 2024 20:56

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:164 Resp: 21587

Ion	Ratio	Lower	Upper
164	100		
129	99.4	67.3	125.1
131	93.3	65.5	121.6
166	122.8	89.5	166.1

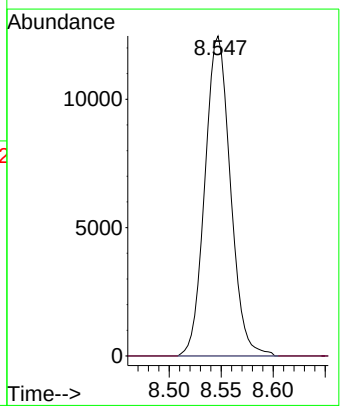


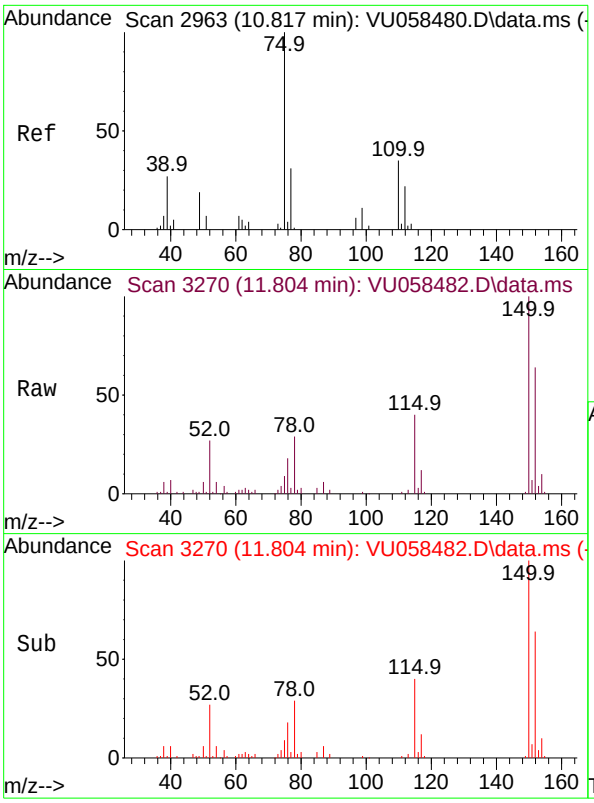


#49
Dibromochloromethane
Concen: 4.818 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.254 min
Lab File: VU058482.D
Acq: 08 Apr 2024 20:56

Tgt Ion:129 Resp: 21253

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.5	99.5#



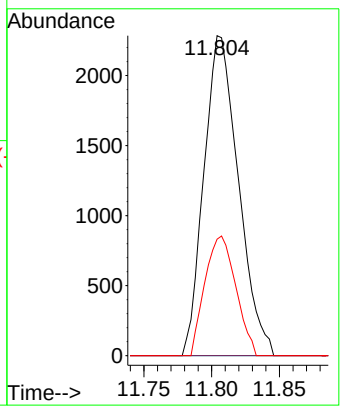


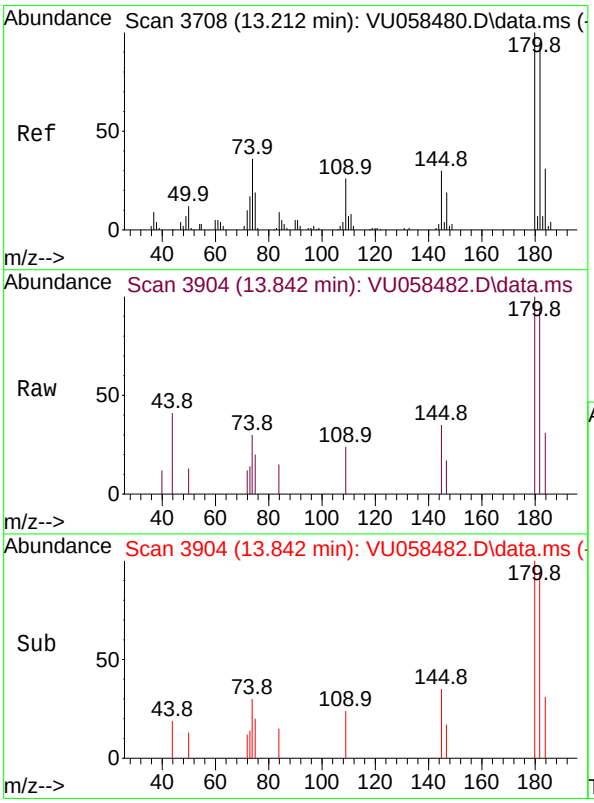
#61
1,2,3-Trichloropropane
Concen: 1.351 ug/L
RT: 11.804 min Scan# 3
Delta R.T. 0.987 min
Lab File: VU058482.D
Acq: 08 Apr 2024 20:56

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 4045

Ion	Ratio	Lower	Upper
75	100		
110	0.0	25.8	38.6#
77	33.4	25.1	37.7

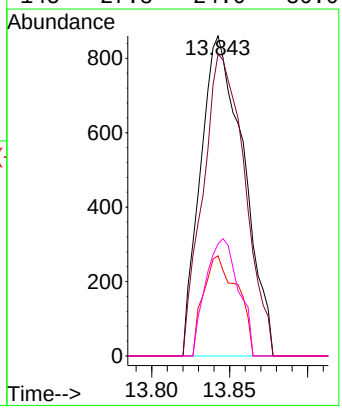


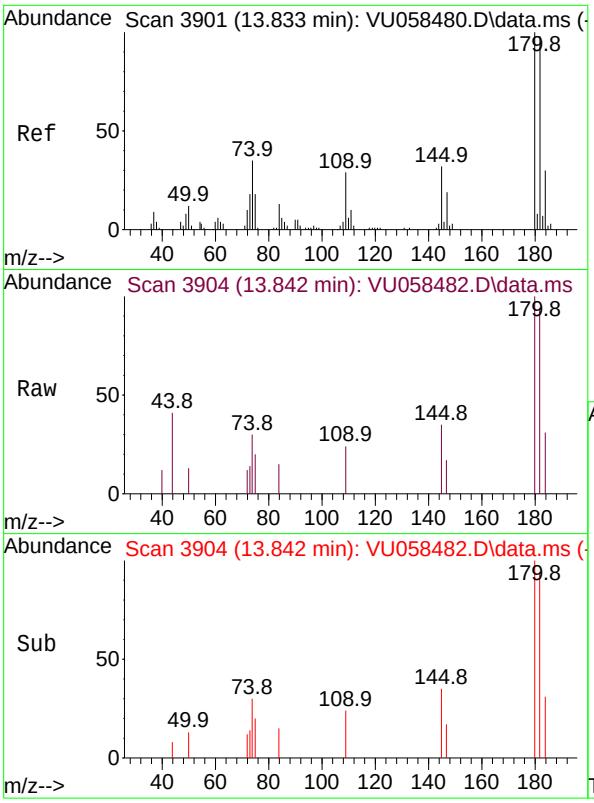


#69
1,3,5-Trichlorobenzene
Concen: 0.213 ug/L
RT: 13.842 min Scan# 3904
Delta R.T. 0.630 min
Lab File: VU058482.D
Acq: 08 Apr 2024 20:56

Tgt Ion:180 Resp: 1647

Ion	Ratio	Lower	Upper
180	100		
182	91.4	75.7	113.5
184	24.6	24.3	36.5
145	27.8	24.0	36.0





#70
1,2,4-trichlorobenzene
Concen: 0.277 ug/L
RT: 13.842 min Scan# 3
Delta R.T. 0.009 min
Lab File: VU058482.D
Acq: 08 Apr 2024 20:56

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:180 Resp: 1647

Ion	Ratio	Lower	Upper
180	100		
182	91.4	74.4	111.6
145	27.8	24.1	36.1