Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040924\
Data File : VU058515.D
Acq On : 09 Apr 2024 15:14
Operator : MD/SY
Sample : P2013-12 500X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Apr 10 01:15:34 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Apr 10 01:12:33 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	67509	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	66320	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	28507	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	22882	5.120	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 102.400%			
7) Chloroethane-d5	1.907	69	19521	5.026	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 100.600%			
11) 1,1-Dichloroethene-d2	2.560	65	9926	4.907	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 98.200%			
20) 2-Butanone-d5	4.628	46	40513	43.012	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 86.020%			
24) Chloroform-d	5.052	84	42270	4.738	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.800%			
26) 1,2-Dichloroethane-d4	5.692	65	19976	4.797	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.000%			
32) Benzene-d6	5.718	84	85170	4.770	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.400%			
36) 1,2-Dichloropropane-d6	6.682	67	26839	4.793	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.800%			
41) Toluene-d8	7.891	98	70576	4.457	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.200%			
43) trans-1,3-Dichloroprop...	8.177	79	7230	4.160	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 83.200%			
46) 2-Hexanone-d5	8.631	63	27260	38.025	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 76.040%			
56) 1,1,2,2-Tetrachloroeth...	10.750	84	15526	3.928	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 78.600%			
66) 1,2-Dichlorobenzene-d4	12.187	152	20655	4.302	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 86.000%			
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	19199	2.792	ug/L	97
16) Methylene chloride	3.039	84	2348	0.370	ug/L	92
22) cis-1,2-Dichloroethene	4.657	96	55936	9.934	ug/L	95
35) Methylcyclohexane	6.682	83	5603	0.614	ug/L #	16
37) 1,2-Dichloropropane	6.682	63	2987	0.472	ug/L #	90
61) 1,2,3-Trichloropropane	11.807	75	4055	1.394	ug/L #	71
69) 1,3,5-Trichlorobenzene	13.843	180	3416	0.456	ug/L	93
70) 1,2,4-trichlorobenzene	13.843	180	3416	0.591	ug/L	95
72) 1,2,3-Trichlorobenzene	14.331	180	732	0.153	ug/L #	85

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

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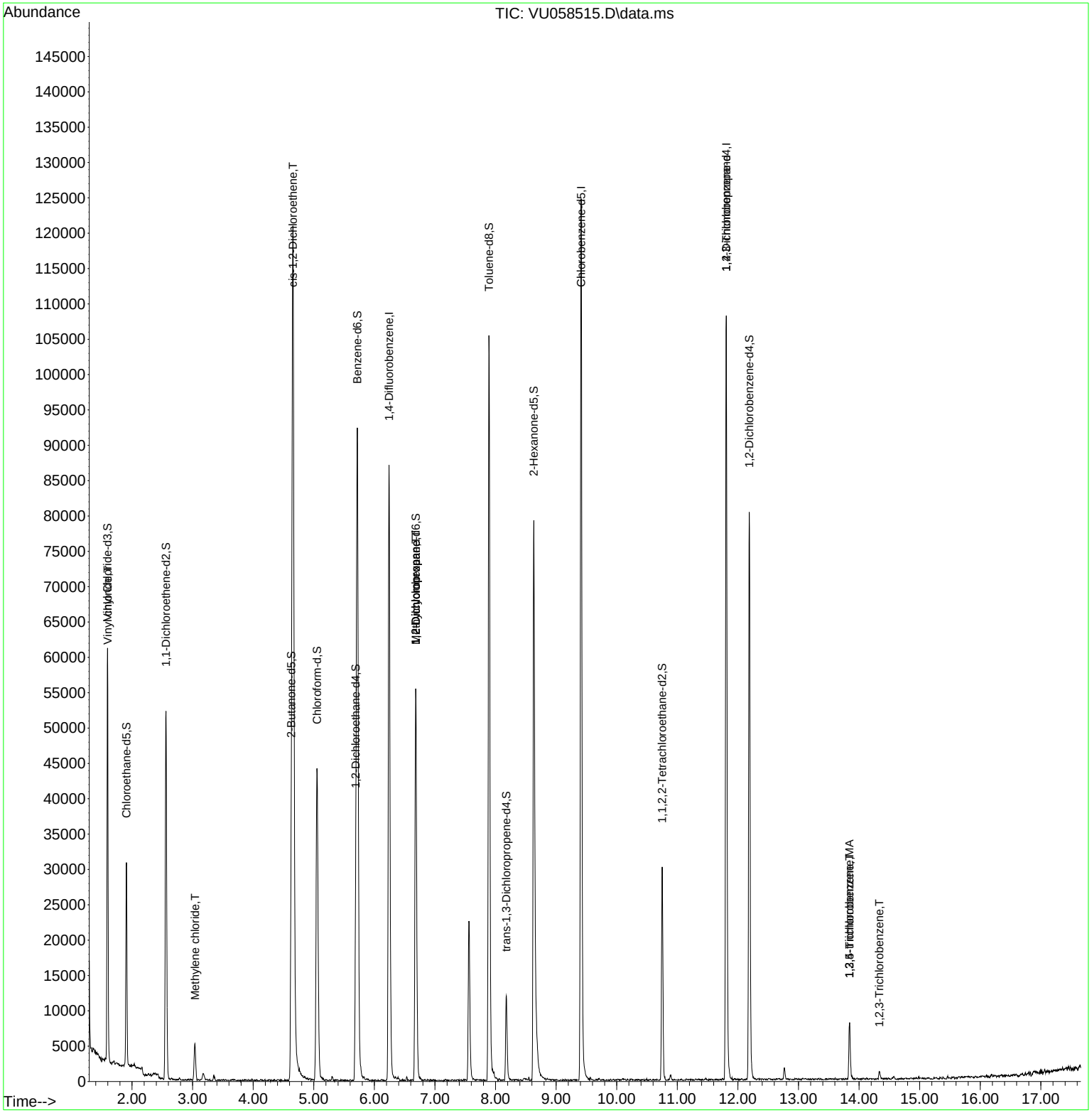
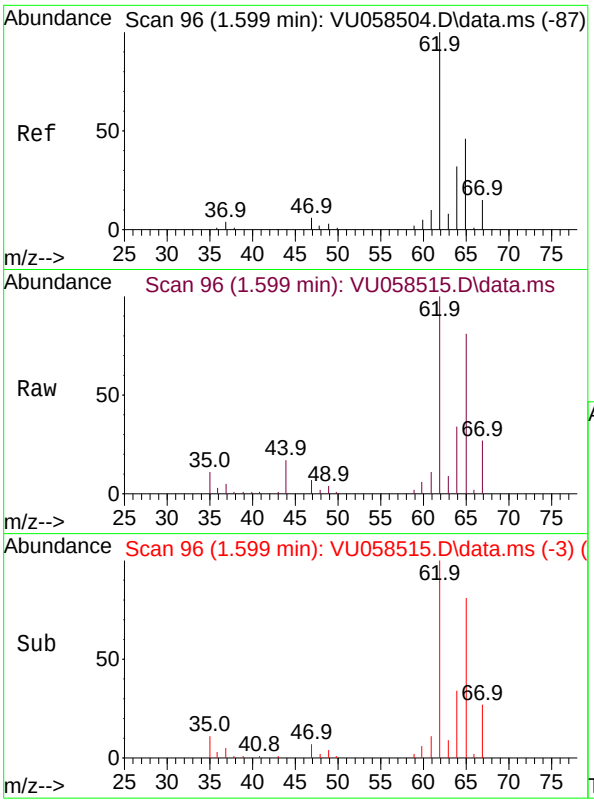


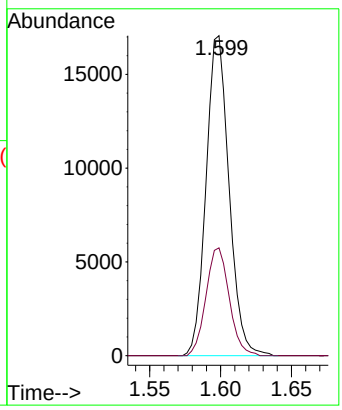


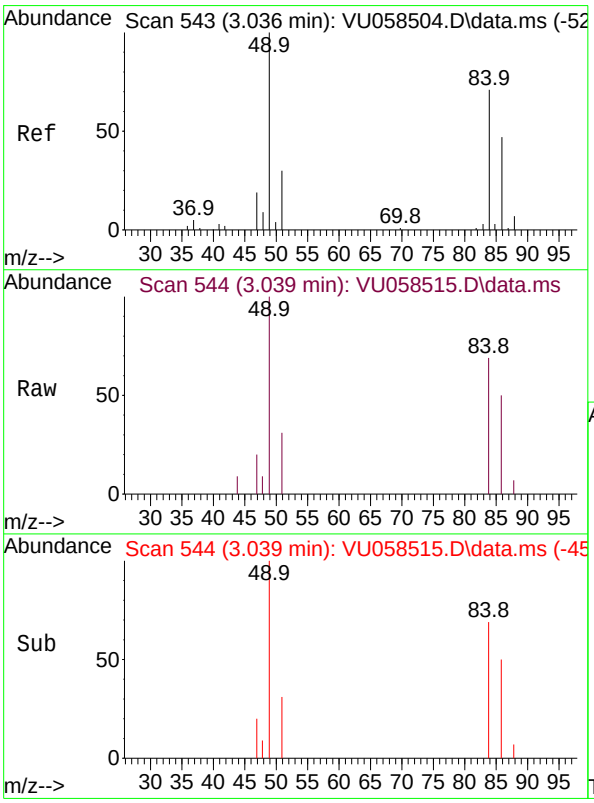
#5
Vinyl chloride
Concen: 2.792 ug/L
RT: 1.599 min Scan# 9
Delta R.T. -0.000 min
Lab File: VU058515.D
Acq: 09 Apr 2024 15:14

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 19199

Ion	Ratio	Lower	Upper
62	100		
64	33.7	22.6	42.0

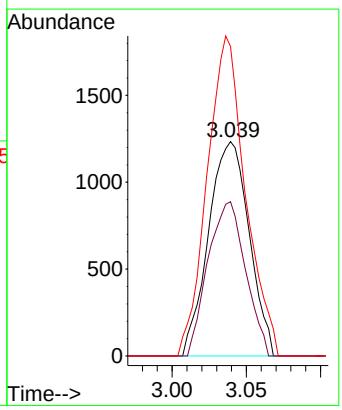


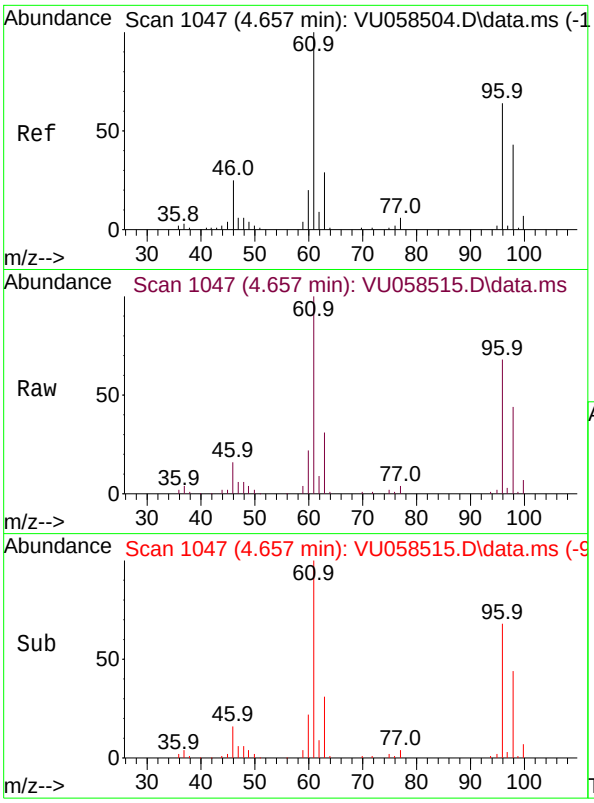


#16
Methylene chloride
Concen: 0.370 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.003 min
Lab File: VU058515.D
Acq: 09 Apr 2024 15:14

Tgt Ion: 84 Resp: 2348

Ion	Ratio	Lower	Upper
84	100		
86	72.0	44.3	82.3
49	144.3	96.0	178.2



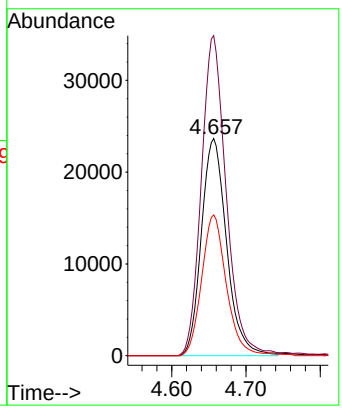


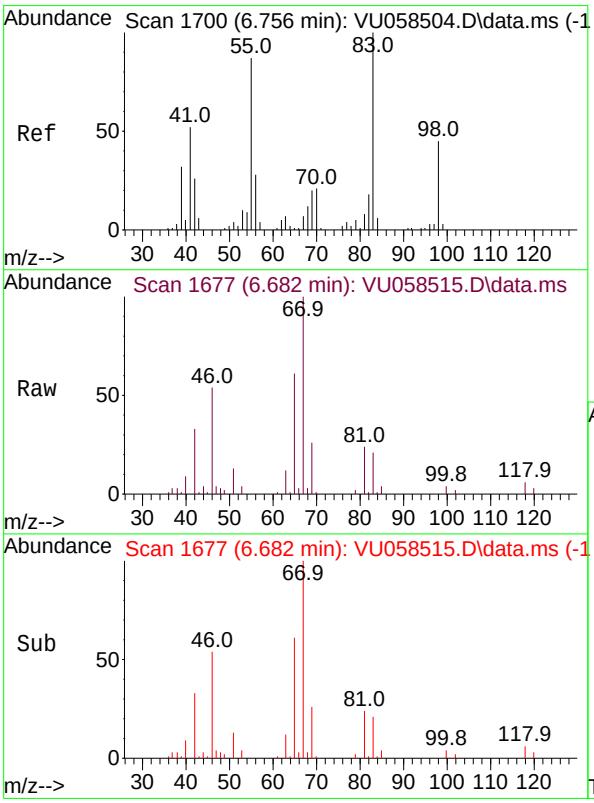
#22
cis-1,2-Dichloroethene
Concen: 9.934 ug/L
RT: 4.657 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU058515.D
Acq: 09 Apr 2024 15:14

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 55936

Ion	Ratio	Lower	Upper
96	100		
61	147.4	98.1	182.3
98	64.9	43.6	81.0

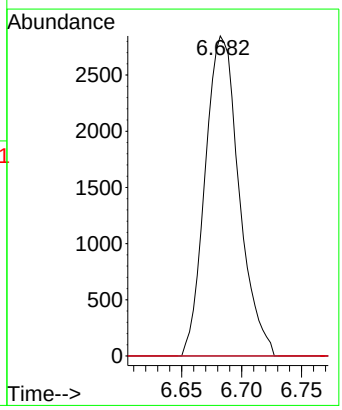


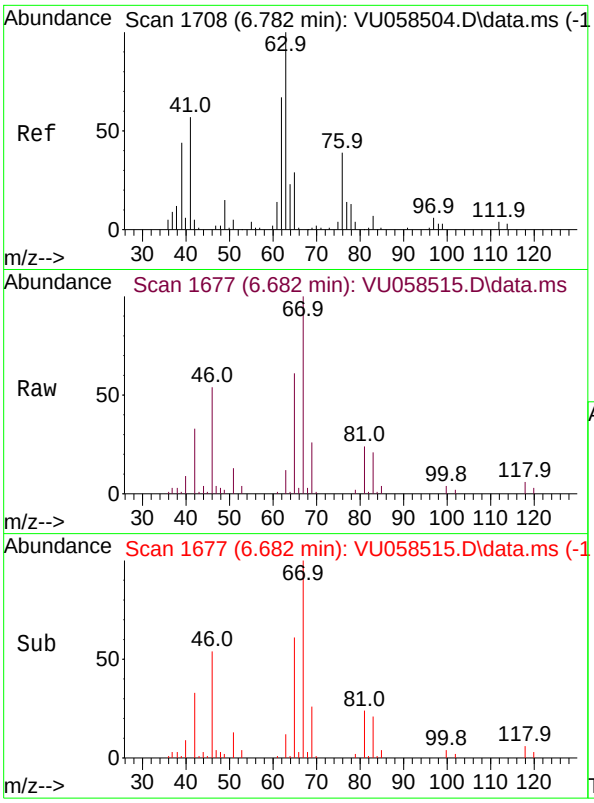


#35
Methylcyclohexane
Concen: 0.614 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU058515.D
Acq: 09 Apr 2024 15:14

Tgt Ion: 83 Resp: 5603

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



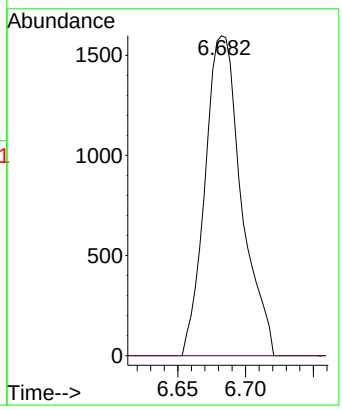


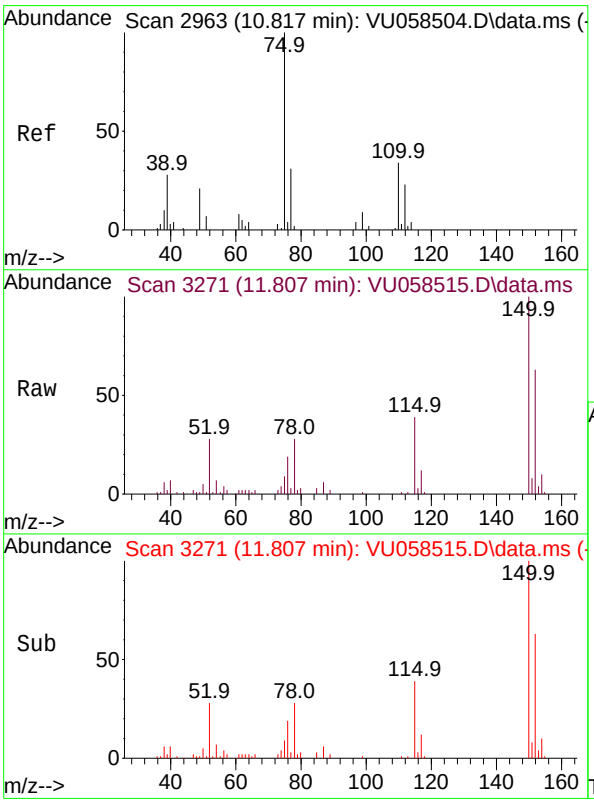
#37
1,2-Dichloropropane
Concen: 0.472 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU058515.D
Acq: 09 Apr 2024 15:14

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 2987

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.6	4.0#

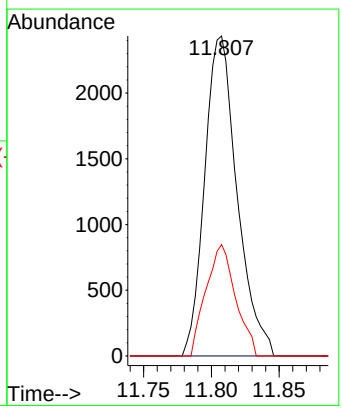


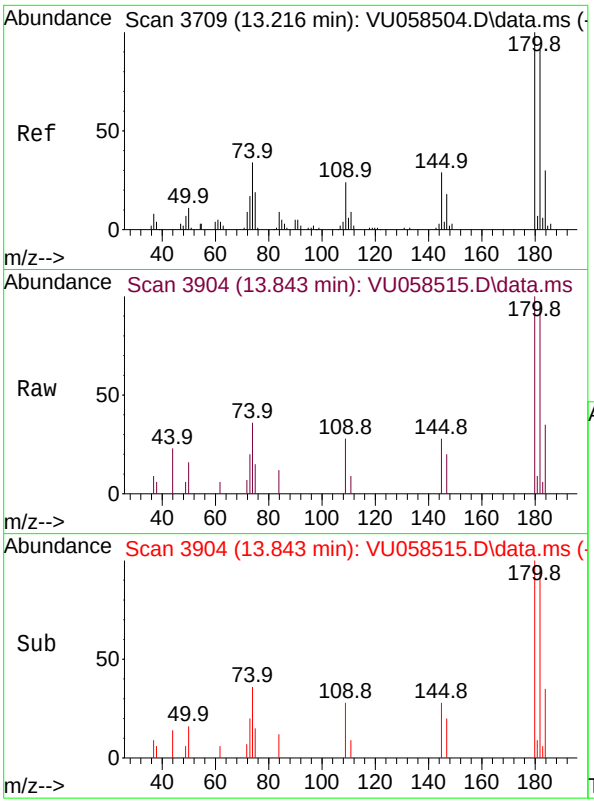


#61
1,2,3-Trichloropropane
Concen: 1.394 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU058515.D
Acq: 09 Apr 2024 15:14

Tgt Ion: 75 Resp: 4055

Ion	Ratio	Lower	Upper
75	100		
110	0.0	25.8	38.6#
77	31.7	25.1	37.7



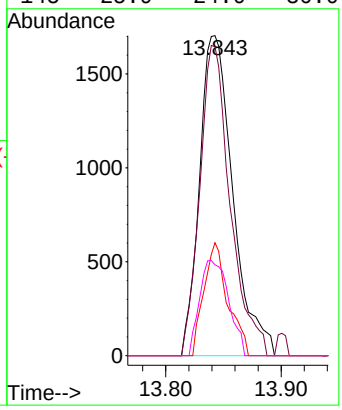


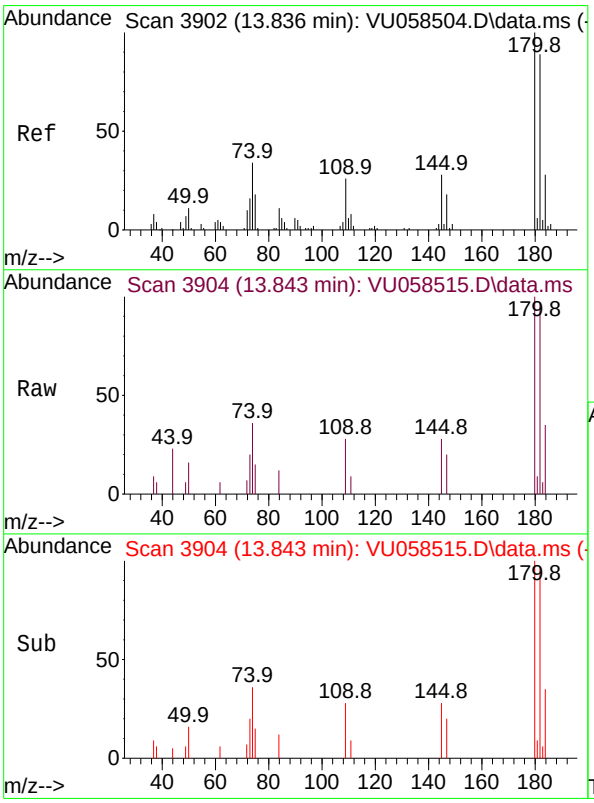
#69
1,3,5-Trichlorobenzene
Concen: 0.456 ug/L
RT: 13.843 min Scan# 3
Delta R.T. 0.627 min
Lab File: VU058515.D
Acq: 09 Apr 2024 15:14

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:180 Resp: 3416

Ion	Ratio	Lower	Upper
180	100		
182	88.5	75.7	113.5
184	25.4	24.3	36.5
145	25.9	24.0	36.0

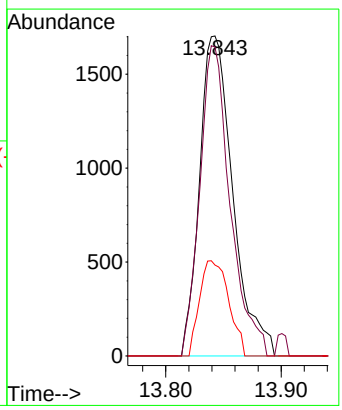


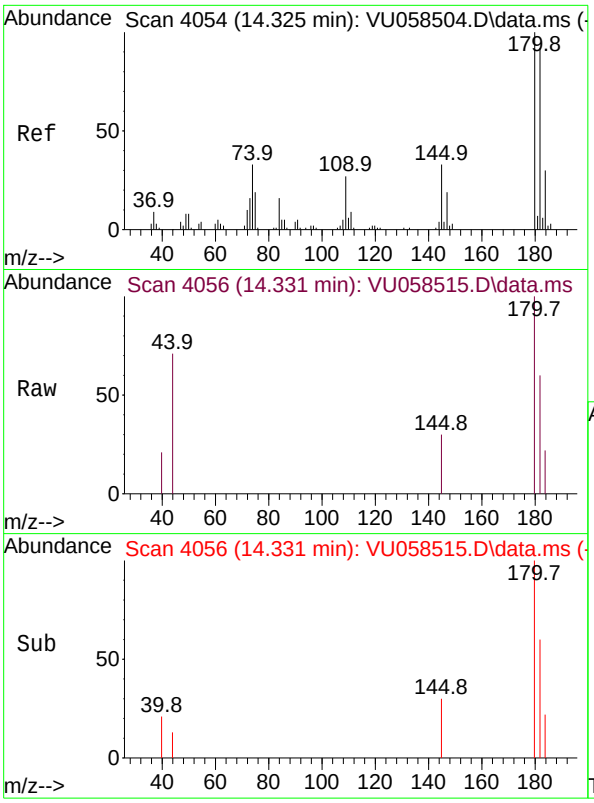


#70
1,2,4-trichlorobenzene
Concen: 0.591 ug/L
RT: 13.843 min Scan# 3904
Delta R.T. 0.006 min
Lab File: VU058515.D
Acq: 09 Apr 2024 15:14

Tgt Ion:180 Resp: 3416

Ion	Ratio	Lower	Upper
180	100		
182	88.5	74.4	111.6
145	25.9	24.1	36.1





#72
1,2,3-Trichlorobenzene
Concen: 0.153 ug/L
RT: 14.331 min Scan# 4
Delta R.T. 0.006 min
Lab File: VU058515.D
Acq: 09 Apr 2024 15:14

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:180 Resp: 732

Ion	Ratio	Lower	Upper
180	100		
182	81.6	75.9	113.9
145	20.2	25.2	37.8#