Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040824\
Data File : VU058490.D
Acq On : 09 Apr 2024 00:04
Operator : MD/SY
Sample : P2013-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Apr 09 05:52:43 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	67588	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	64490	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	28100	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	15117	3.378	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 67.600%			
7) Chloroethane-d5	1.904	69	14449	3.716	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 74.400%			
11) 1,1-Dichloroethene-d2	2.557	65	6294	3.108	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 62.200%			
20) 2-Butanone-d5	4.624	46	54334	57.618	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 115.240%			
24) Chloroform-d	5.052	84	38892	4.354	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.000%			
26) 1,2-Dichloroethane-d4	5.695	65	19634	4.710	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.200%			
32) Benzene-d6	5.718	84	67492	3.887	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 77.800%			
36) 1,2-Dichloropropane-d6	6.682	67	24909	4.575	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.400%			
41) Toluene-d8	7.891	98	52677	3.421	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 68.400%#			
43) trans-1,3-Dichloroprop...	8.174	79	7008	4.146	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 83.000%			
46) 2-Hexanone-d5	8.631	63	36001	51.642	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 103.280%			
56) 1,1,2,2-Tetrachloroeth...	10.749	84	18570	4.831	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.600%			
66) 1,2-Dichlorobenzene-d4	12.190	152	20582	4.349	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 87.000%			
Target Compounds						Qvalue
5) Vinyl chloride	1.595	62	181138	26.307	ug/L	100
12) 1,1-Dichloroethene	2.570	96	1278	0.267	ug/L #	1
17) Methyl tert-butyl Ether	3.354	73	4486	0.396	ug/L #	86
18) trans-1,2-Dichloroethene	3.348	96	1172	0.233	ug/L	83
19) 1,1-Dichloroethane	3.865	63	2999	0.274	ug/L	94
22) cis-1,2-Dichloroethene	4.653	96	180937	32.095	ug/L	97
34) Trichloroethene	6.537	95	2562	0.435	ug/L	95
35) Methylcyclohexane	6.682	83	5508	0.620	ug/L #	17
37) 1,2-Dichloropropane	6.682	63	2640	0.429	ug/L #	90
53) m,p-Xylene	9.695	106	924	0.099	ug/L	95
61) 1,2,3-Trichloropropane	11.807	75	3811	1.329	ug/L #	71

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

Quantitation Report (Not Reviewed)

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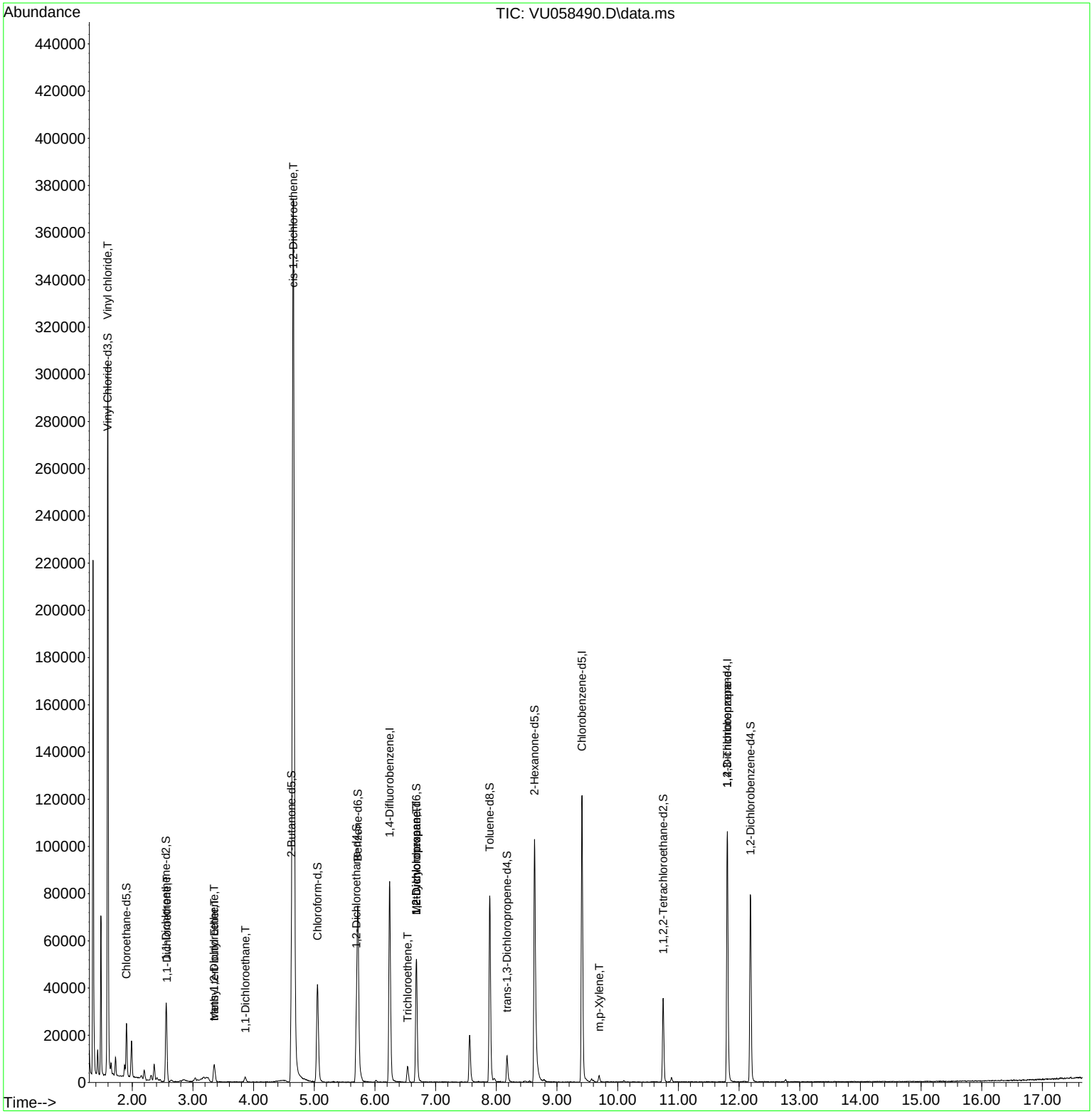
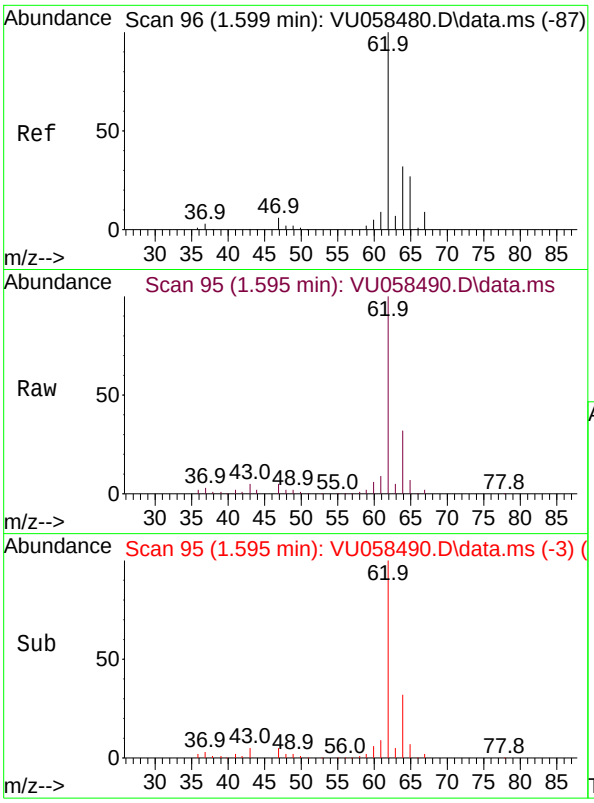
Acq On : 09 Apr 2024 00:04
Operator : MD/SY
Sample : P2013-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Apr 09 05:52:43 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



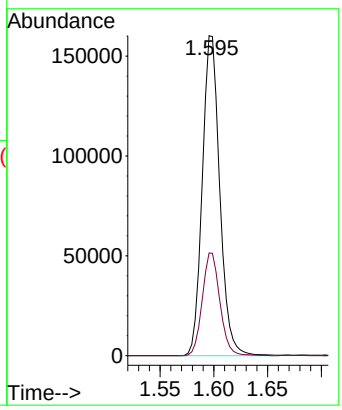


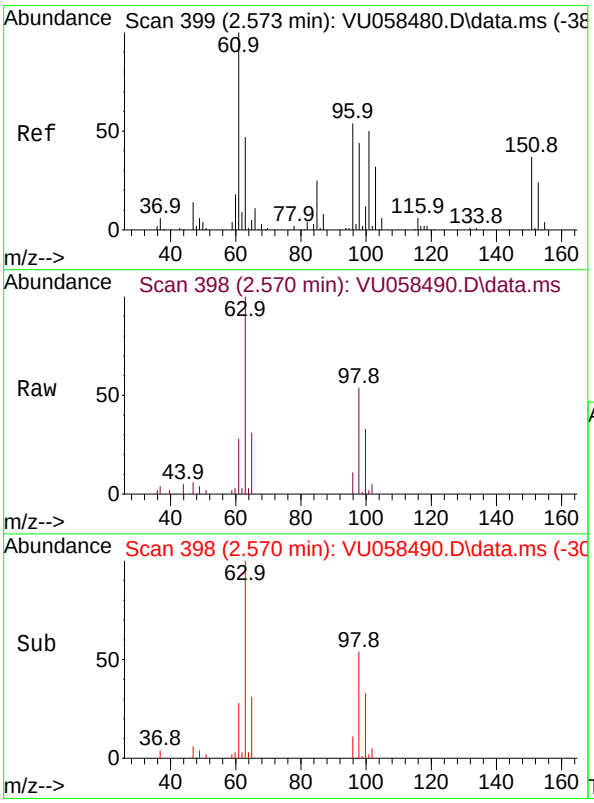
#5
Vinyl chloride
Concen: 26.307 ug/L
RT: 1.595 min Scan# 9
Delta R.T. -0.003 min
Lab File: VU058490.D
Acq: 09 Apr 2024 00:04

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 181138

Ion	Ratio	Lower	Upper
62	100		
64	32.1	22.6	42.0

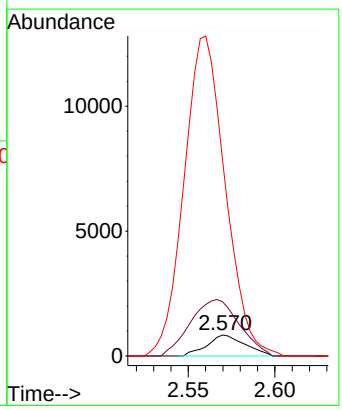


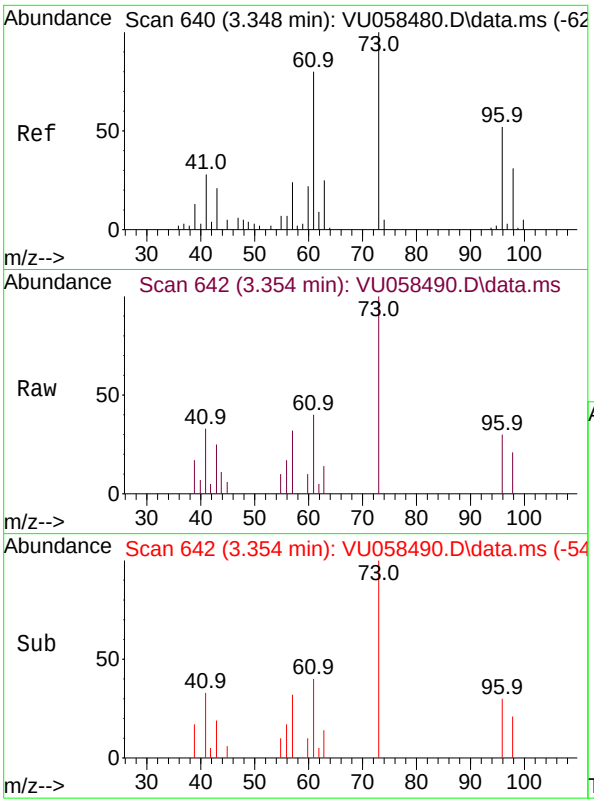


#12
1,1-Dichloroethene
Concen: 0.267 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.003 min
Lab File: VU058490.D
Acq: 09 Apr 2024 00:04

Tgt Ion: 96 Resp: 1278

Ion	Ratio	Lower	Upper
96	100		
61	258.5	132.5	246.1#
63	934.8	87.7	162.9#



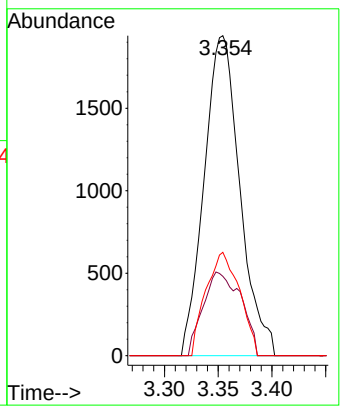


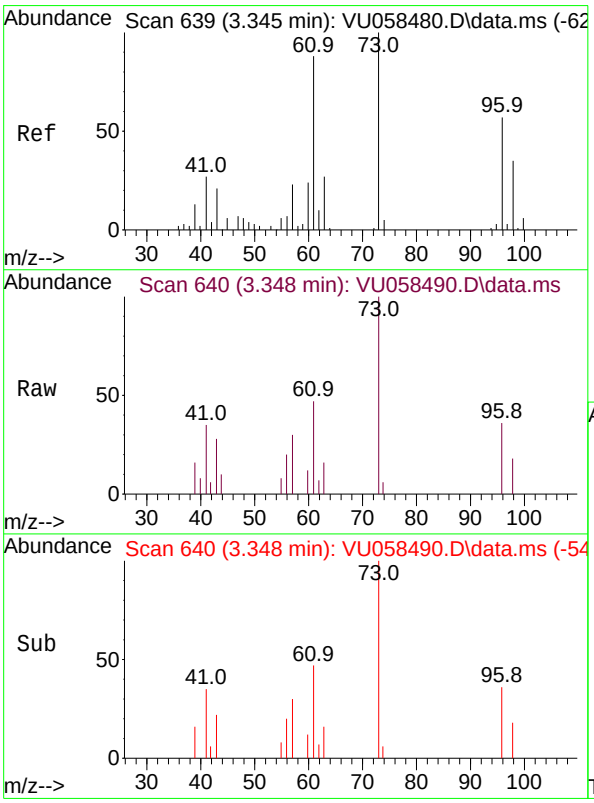
#17
Methyl tert-butyl Ether
Concen: 0.396 ug/L
RT: 3.354 min Scan# 64
Delta R.T. 0.006 min
Lab File: VU058490.D
Acq: 09 Apr 2024 00:04

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 73 Resp: 4486

Ion	Ratio	Lower	Upper
73	100		
43	27.7	17.4	26.2#
57	30.5	18.6	27.8#

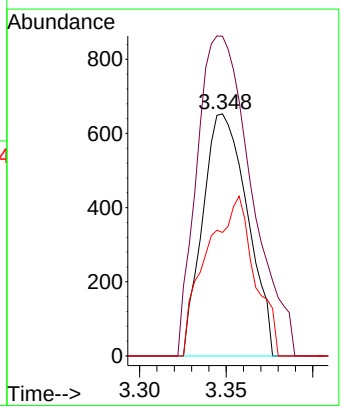


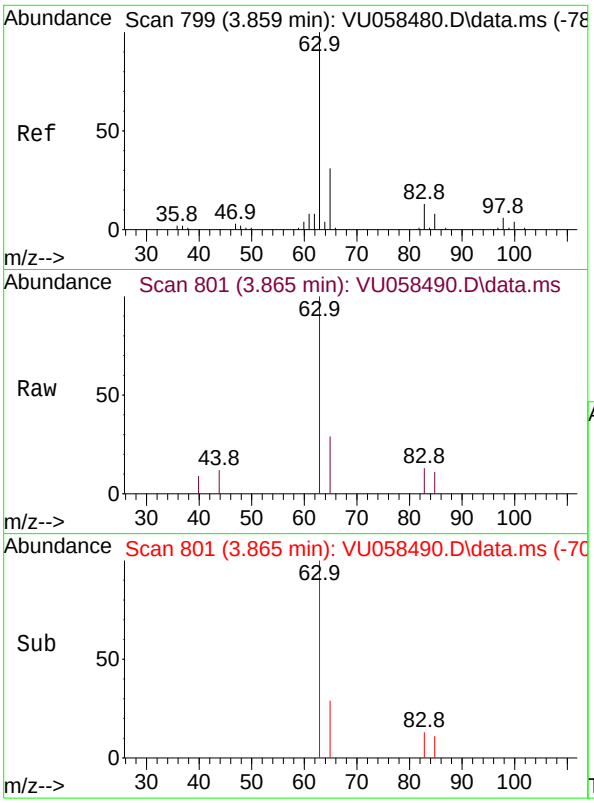


#18
trans-1,2-Dichloroethene
Concen: 0.233 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.003 min
Lab File: VU058490.D
Acq: 09 Apr 2024 00:04

Tgt Ion: 96 Resp: 1172

Ion	Ratio	Lower	Upper
96	100		
61	132.0	107.6	199.8
98	51.0	45.1	83.7



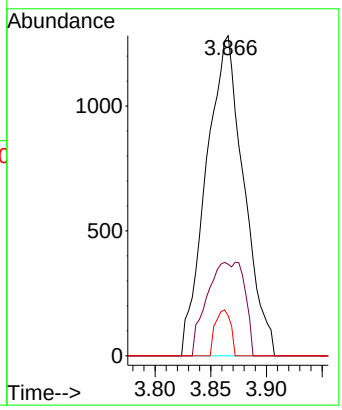


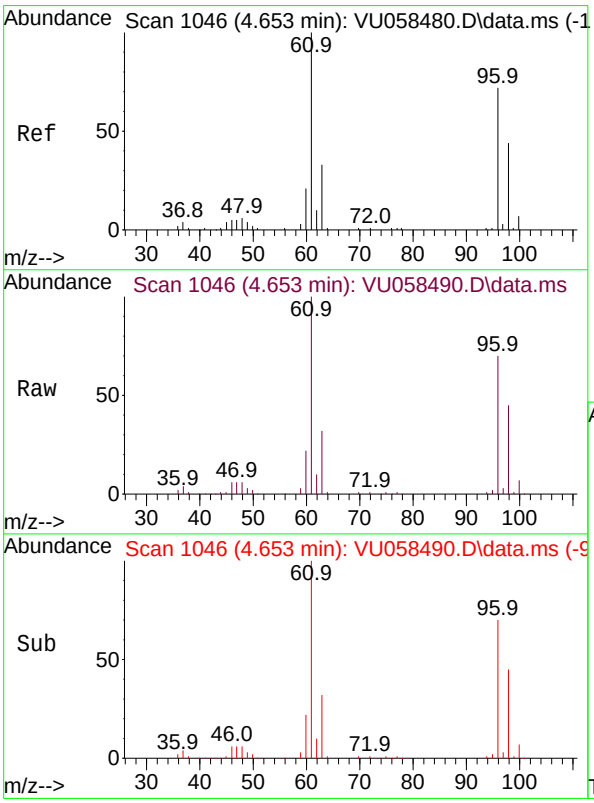
#19
1,1-Dichloroethane
Concen: 0.274 ug/L
RT: 3.865 min Scan# 8
Delta R.T. 0.006 min
Lab File: VU058490.D
Acq: 09 Apr 2024 00:04

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 2999

Ion	Ratio	Lower	Upper
63	100		
65	28.6	22.9	42.5
83	12.6	9.6	17.8

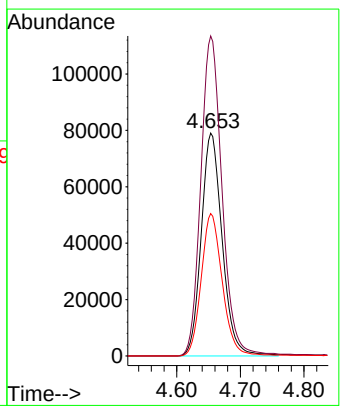


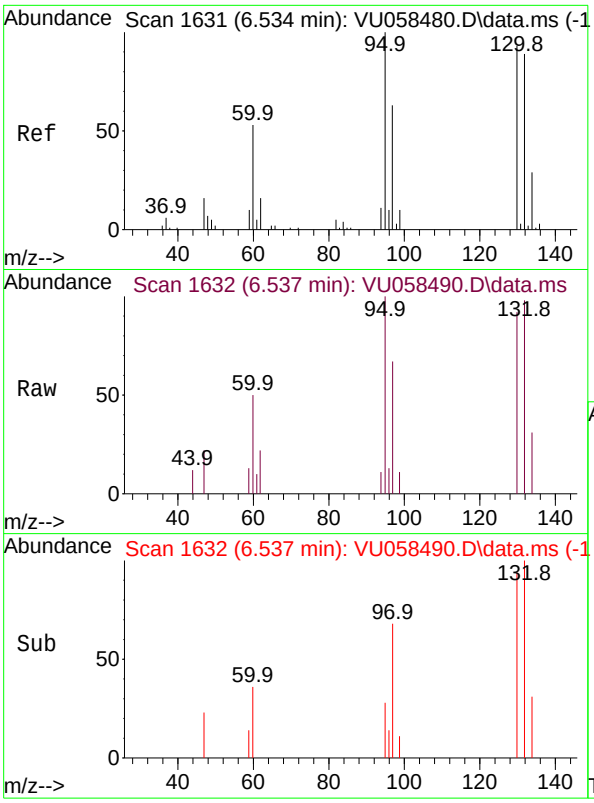


#22
cis-1,2-Dichloroethene
Concen: 32.095 ug/L
RT: 4.653 min Scan# 1046
Delta R.T. -0.000 min
Lab File: VU058490.D
Acq: 09 Apr 2024 00:04

Tgt Ion: 96 Resp: 180937

Ion	Ratio	Lower	Upper
96	100		
61	143.5	98.1	182.3
98	63.9	43.6	81.0



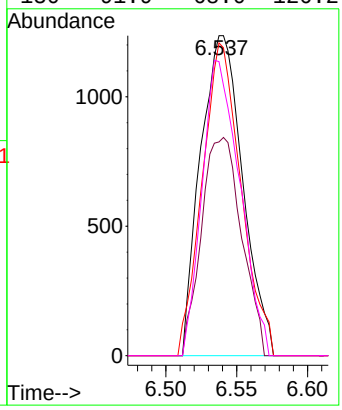


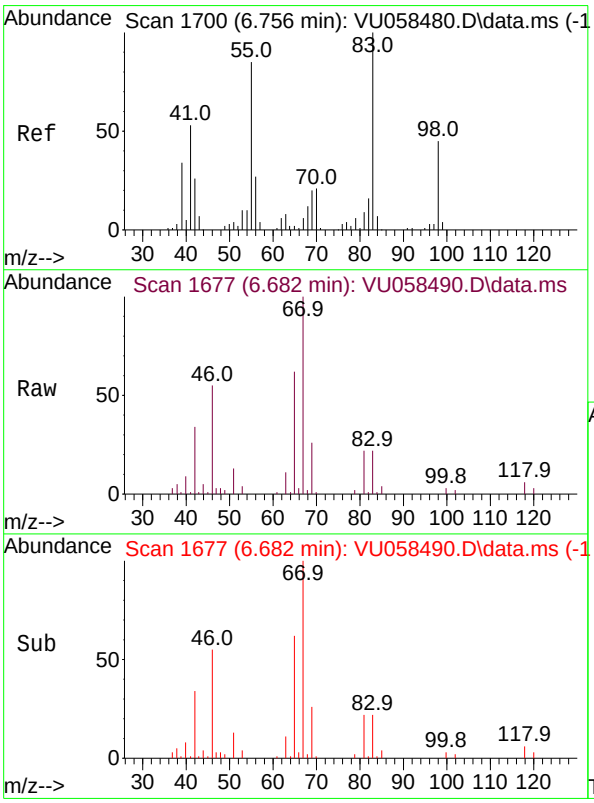
#34
Trichloroethene
Concen: 0.435 ug/L
RT: 6.537 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU058490.D
Acq: 09 Apr 2024 00:04

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 2562

Ion	Ratio	Lower	Upper
95	100		
97	66.8	45.6	84.6
132	97.7	64.8	120.3
130	91.9	68.0	126.2

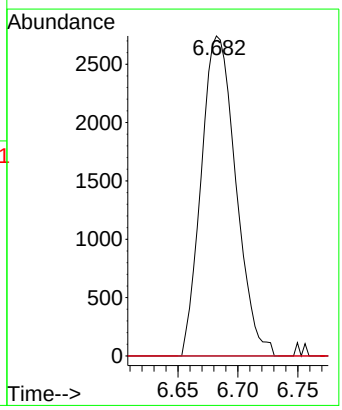


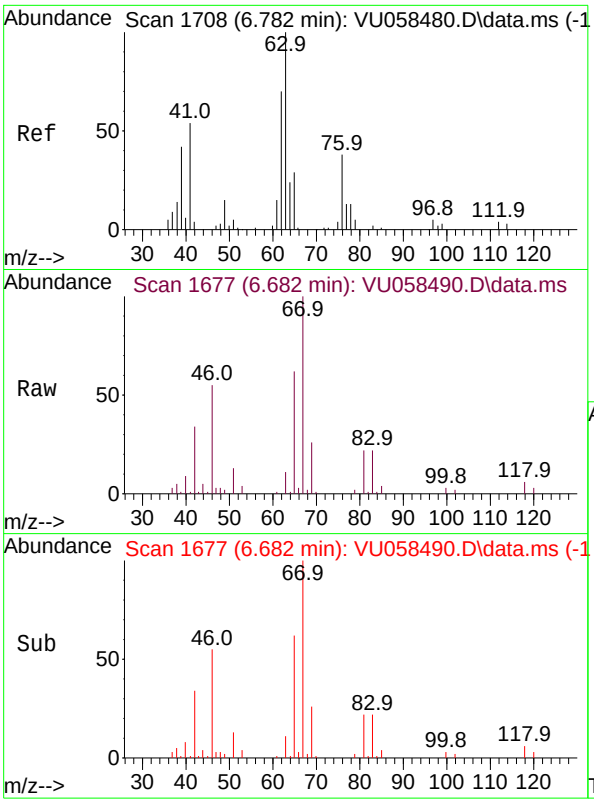


#35
Methylcyclohexane
Concen: 0.620 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU058490.D
Acq: 09 Apr 2024 00:04

Tgt Ion: 83 Resp: 5508

Ion	Ratio	Lower	Upper
83	100		
55	0.0	66.2	99.4#
98	1.7	34.6	52.0#



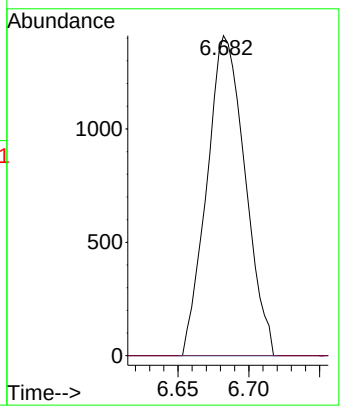


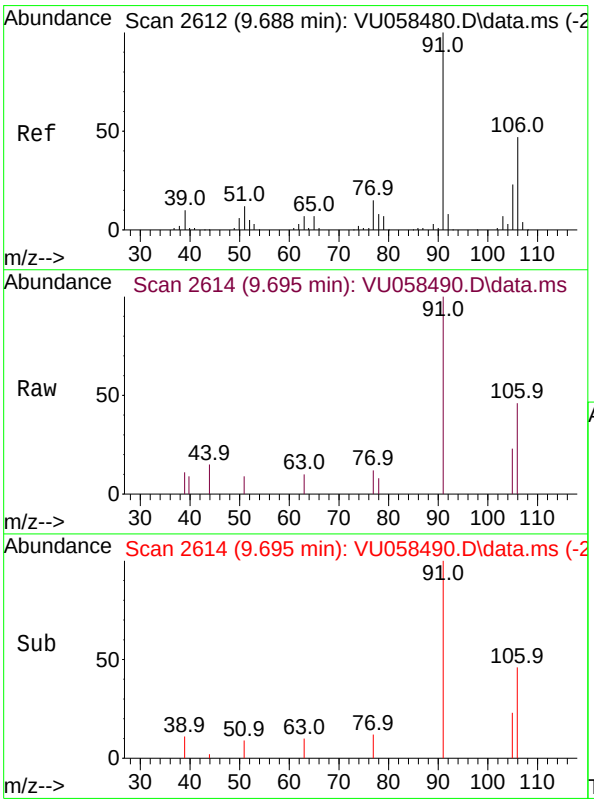
#37
1,2-Dichloropropane
Concen: 0.429 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU058490.D
Acq: 09 Apr 2024 00:04

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 2640

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.6	4.0#

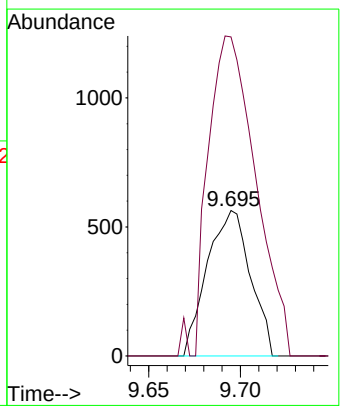


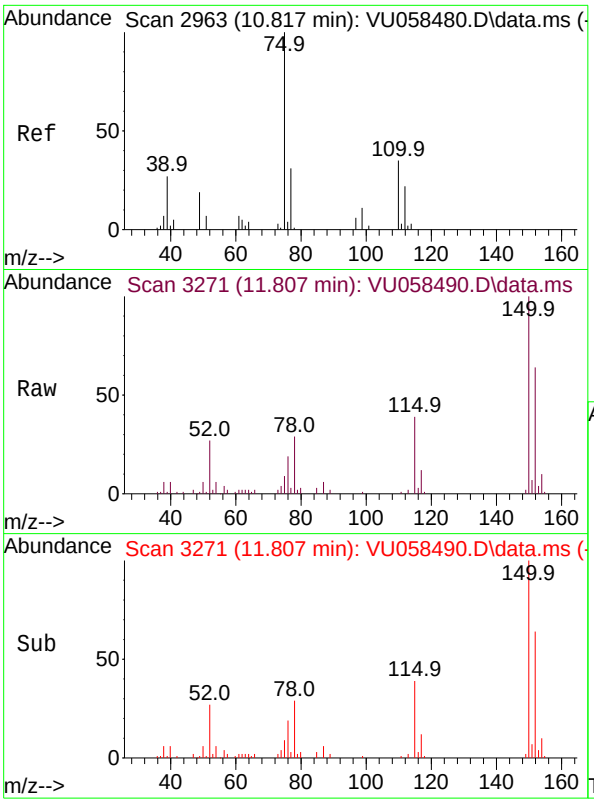


#53
m,p-Xylene
Concen: 0.099 ug/L
RT: 9.695 min Scan# 2614
Delta R.T. 0.006 min
Lab File: VU058490.D
Acq: 09 Apr 2024 00:04

Tgt Ion:106 Resp: 924

Ion	Ratio	Lower	Upper
106	100		
91	219.1	147.8	274.4





#61
1,2,3-Trichloropropane
Concen: 1.329 ug/L
RT: 11.807 min Scan# 3
Delta R.T. 0.990 min
Lab File: VU058490.D
Acq: 09 Apr 2024 00:04

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 3811

Ion	Ratio	Lower	Upper
75	100		
110	0.0	25.8	38.6#
77	31.3	25.1	37.7