Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091823\
Data File : VU055381.D
Acq On : 18 Sep 2023 19:16
Operator : MD/SY
Sample : 04398-06 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Sep 19 01:17:48 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091523WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Sep 19 01:12:51 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	258817	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	263019	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	127149	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	44059	2.962	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 59.200%			
7) Chloroethane-d5	1.911	69	53440	3.183	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 63.600%#			
11) 1,1-Dichloroethene-d2	2.563	65	16198	3.010	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 60.200%			
20) 2-Butanone-d5	4.631	46	239578	58.240	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 116.480%			
24) Chloroform-d	5.058	84	134163	4.038	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 80.800%			
26) 1,2-Dichloroethane-d4	5.698	65	74383	4.437	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.800%			
32) Benzene-d6	5.724	84	198443	3.599	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 72.000%			
36) 1,2-Dichloropropane-d6	6.689	67	80889	4.306	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 86.200%			
41) Toluene-d8	7.898	98	136583	2.873	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 57.400%#			
43) trans-1,3-Dichloroprop...	8.177	79	26630	3.995	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 79.800%			
46) 2-Hexanone-d5	8.631	63	132886	54.792	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 109.580%			
56) 1,1,2,2-Tetrachloroeth...	10.753	84	84660	5.182	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.600%			
66) 1,2-Dichlorobenzene-d4	12.193	152	73842	4.510	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 90.200%			
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	3923	0.153	ug/L	86
12) 1,1-Dichloroethene	2.576	96	2464	0.135	ug/L #	1
16) Methylene chloride	3.042	84	11749	0.433	ug/L	92
22) cis-1,2-Dichloroethene	4.660	96	42614	1.819	ug/L	98
34) Trichloroethene	6.541	95	37733	1.523	ug/L	95
35) Methylcyclohexane	6.689	83	18941	0.526	ug/L #	20
37) 1,2-Dichloropropane	6.682	63	8873	0.388	ug/L #	90
48) 2-Hexanone	8.679	43	28091	3.436	ug/L #	74
61) 1,2,3-Trichloropropane	11.811	75	17593	1.429	ug/L #	66

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

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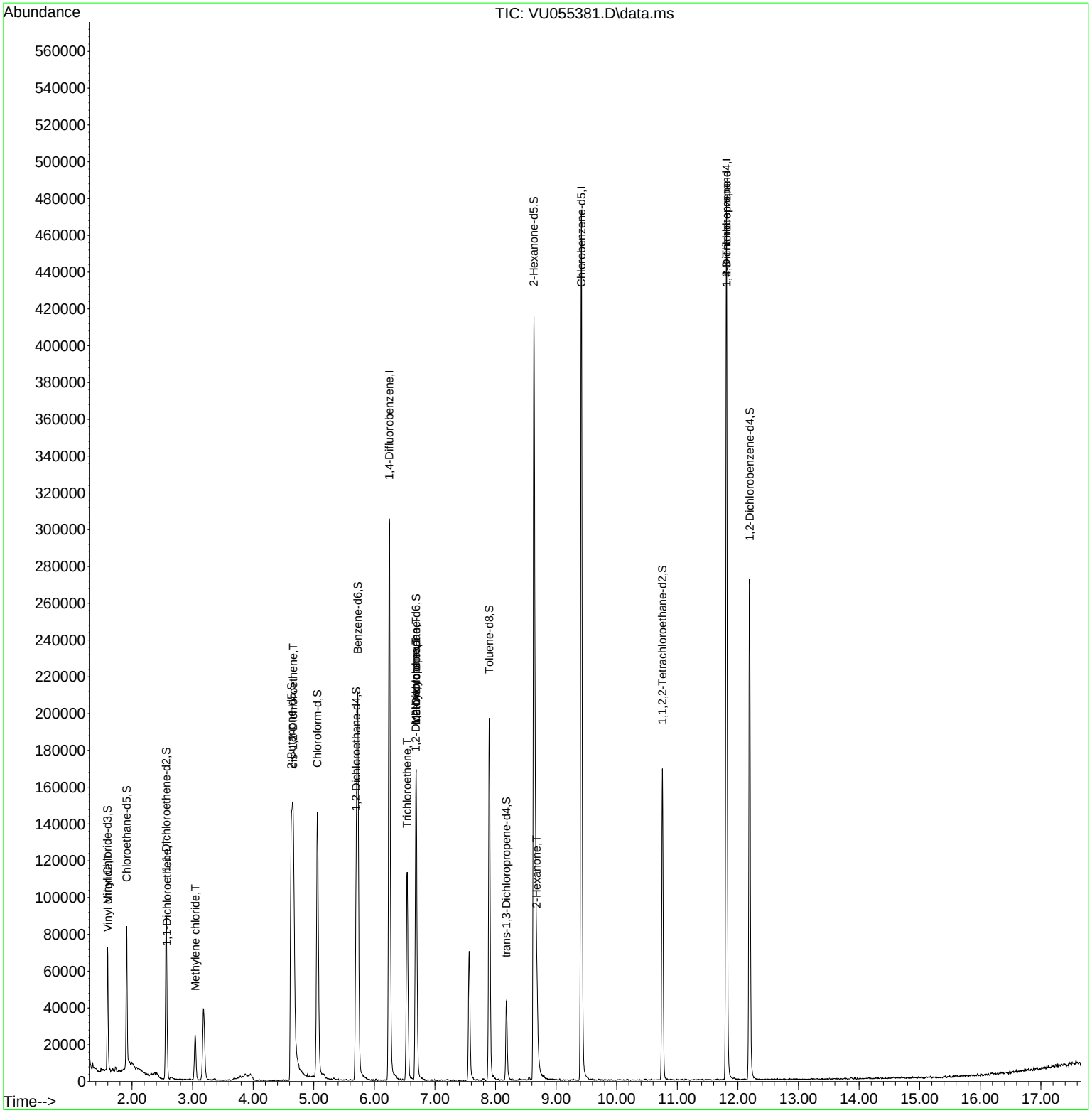
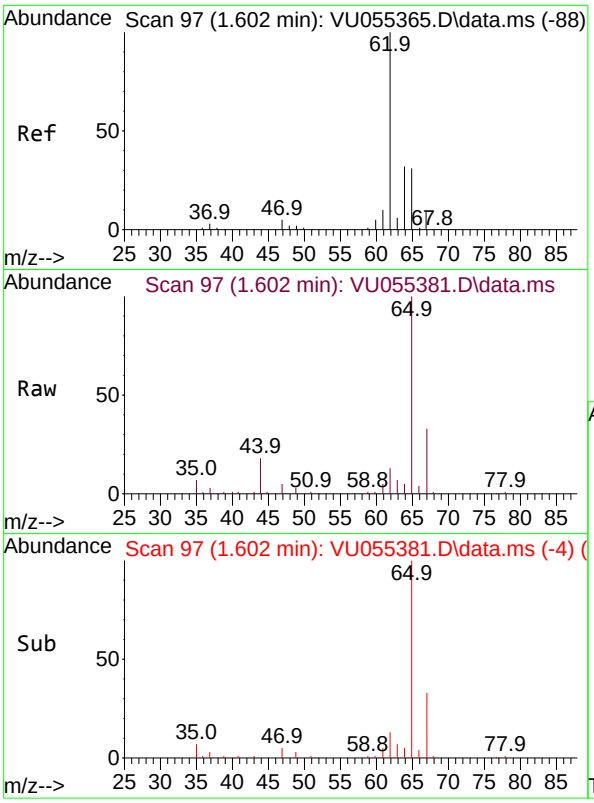


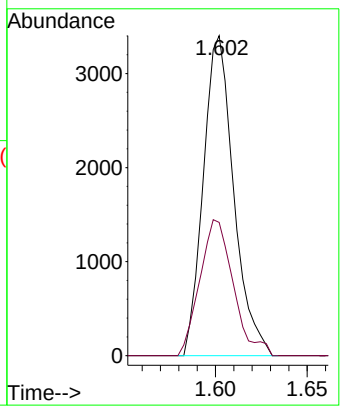


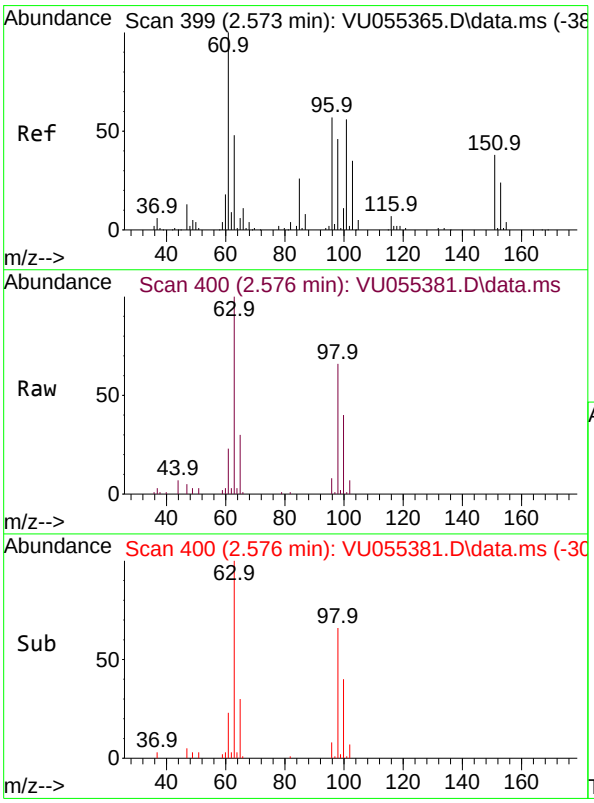
#5
Vinyl chloride
Concen: 0.153 ug/L
RT: 1.602 min Scan# 9
Delta R.T. -0.000 min
Lab File: VU055381.D
Acq: 18 Sep 2023 19:16

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 3923

Ion	Ratio	Lower	Upper
62	100		
64	41.7	23.4	43.6

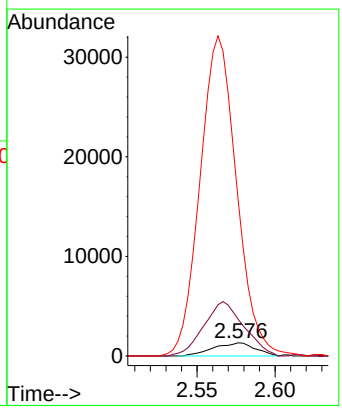


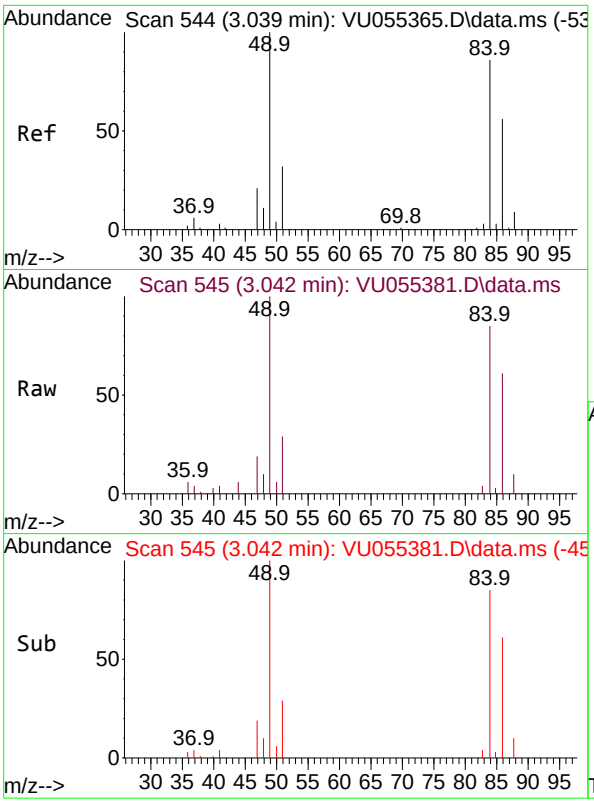


#12
1,1-Dichloroethene
Concen: 0.135 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU055381.D
Acq: 18 Sep 2023 19:16

Tgt Ion: 96 Resp: 2464

Ion	Ratio	Lower	Upper
96	100		
61	281.0	122.8	228.0#
63	1200.0	71.7	133.3#



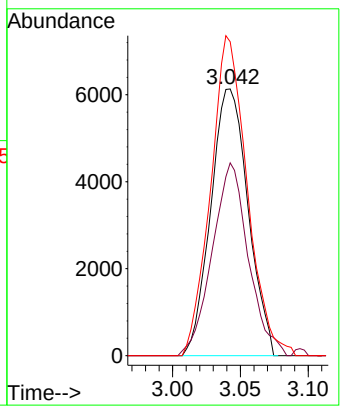


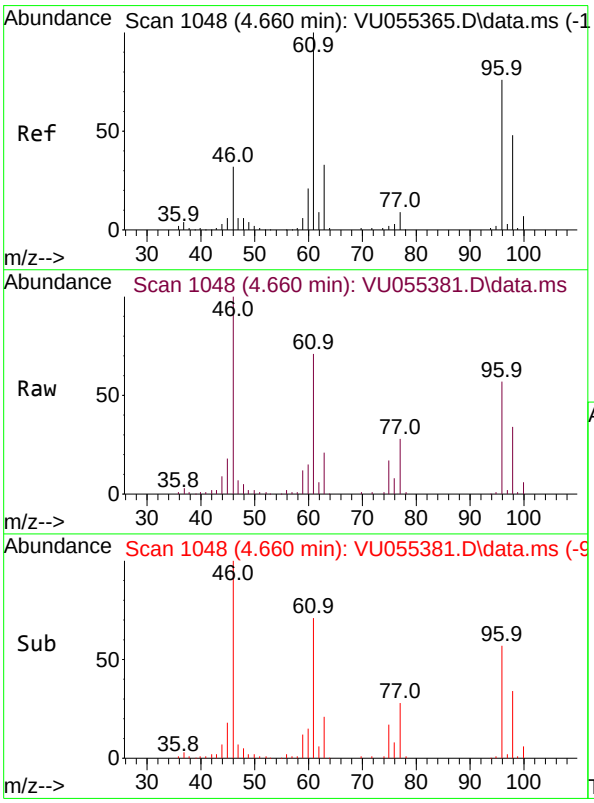
#16
Methylene chloride
Concen: 0.433 ug/L
RT: 3.042 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU055381.D
Acq: 18 Sep 2023 19:16

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 84 Resp: 11749

Ion	Ratio	Lower	Upper
84	100		
86	72.3	42.4	78.8
49	117.7	79.9	148.3

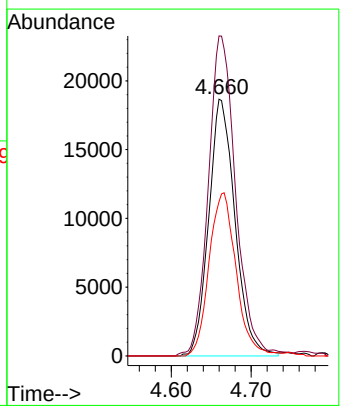


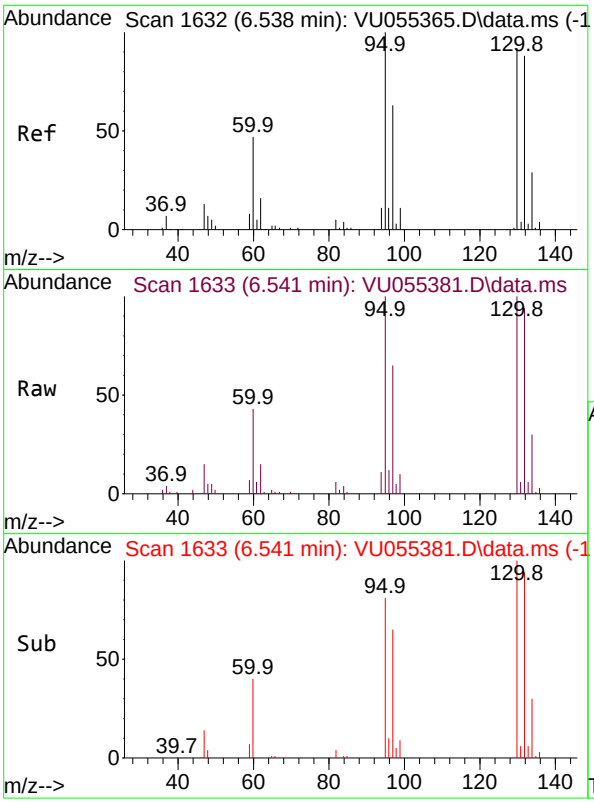


#22
cis-1,2-Dichloroethene
Concen: 1.819 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. -0.000 min
Lab File: VU055381.D
Acq: 18 Sep 2023 19:16

Tgt Ion: 96 Resp: 42614

Ion	Ratio	Lower	Upper
96	100		
61	124.6	88.1	163.7
98	60.1	43.5	80.7



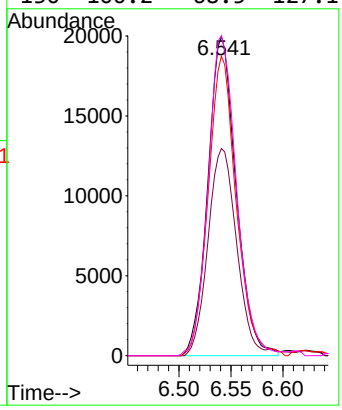


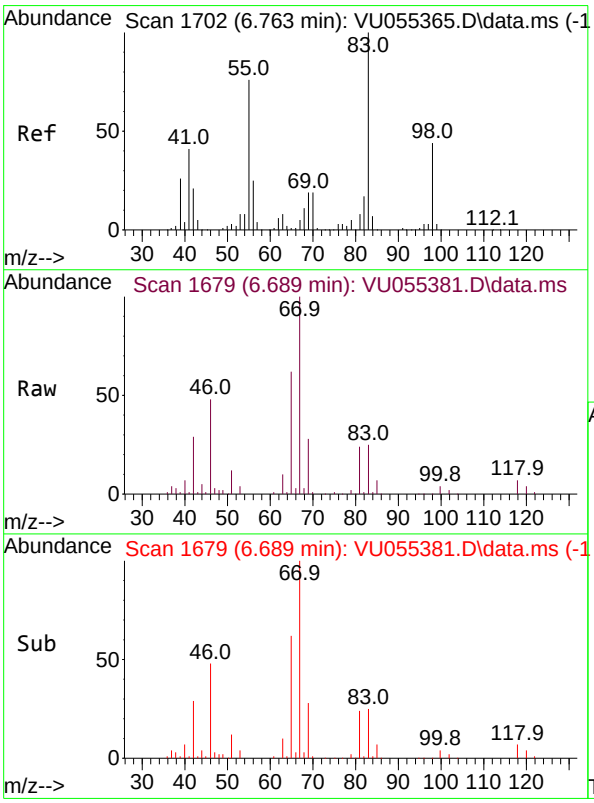
#34
Trichloroethene
Concen: 1.523 ug/L
RT: 6.541 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU055381.D
Acq: 18 Sep 2023 19:16

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 37733

Ion	Ratio	Lower	Upper
95	100		
97	64.9	47.4	88.0
132	93.8	60.5	112.3
130	100.2	68.5	127.1

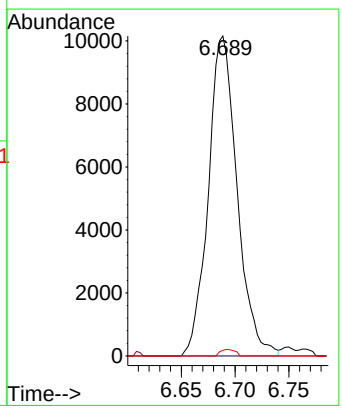


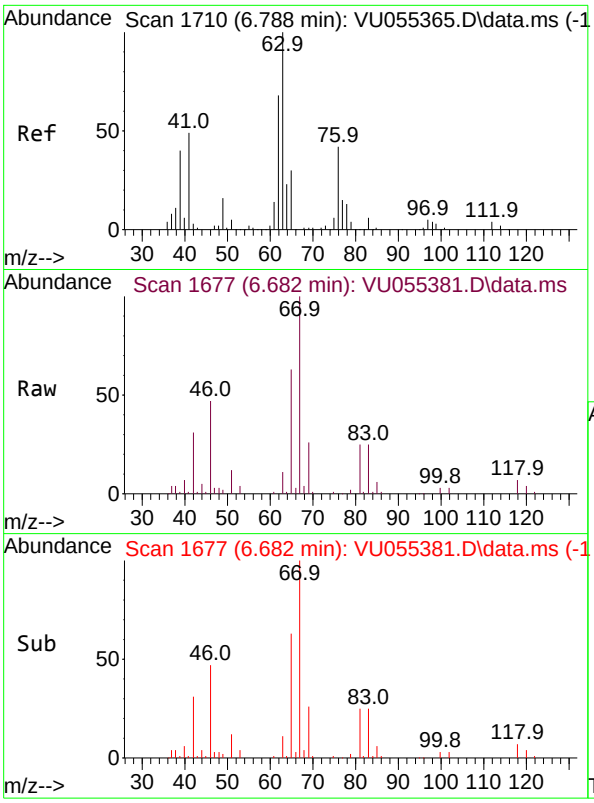


#35
Methylcyclohexane
Concen: 0.526 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.074 min
Lab File: VU055381.D
Acq: 18 Sep 2023 19:16

Tgt Ion: 83 Resp: 18941

Ion	Ratio	Lower	Upper
83	100		
55	0.0	58.7	88.1#
98	1.0	36.3	54.5#



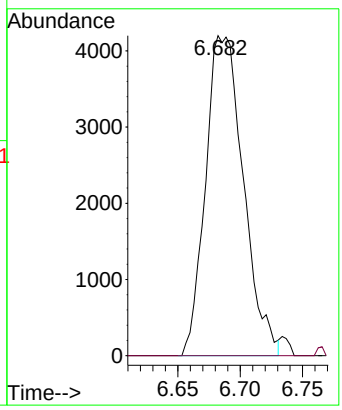


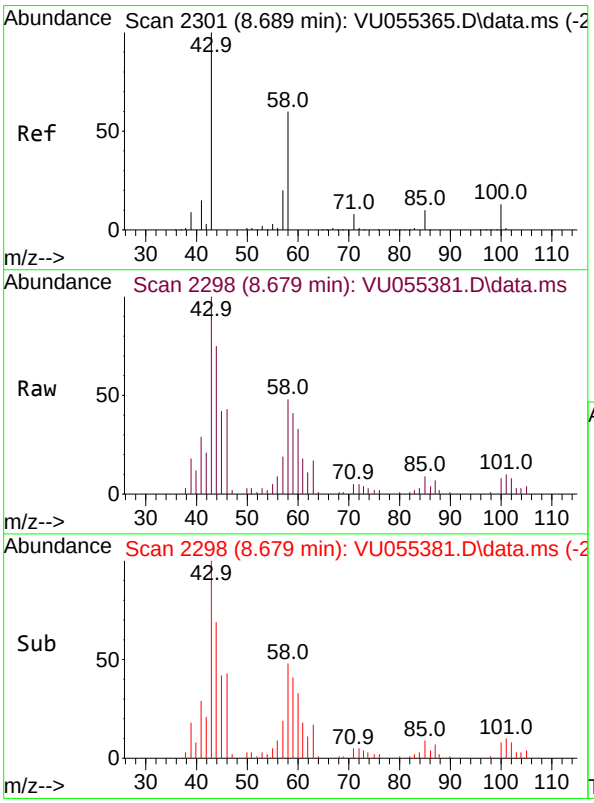
#37
1,2-Dichloropropane
Concen: 0.388 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.106 min
Lab File: VU055381.D
Acq: 18 Sep 2023 19:16

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 8873

Ion	Ratio	Lower	Upper
63	100		
112	0.5	3.0	4.4#

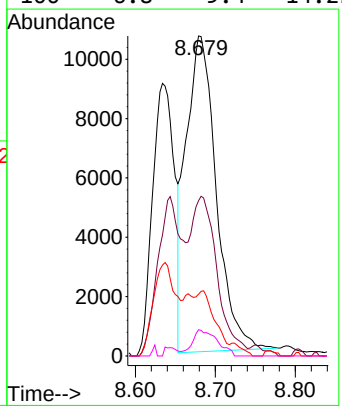


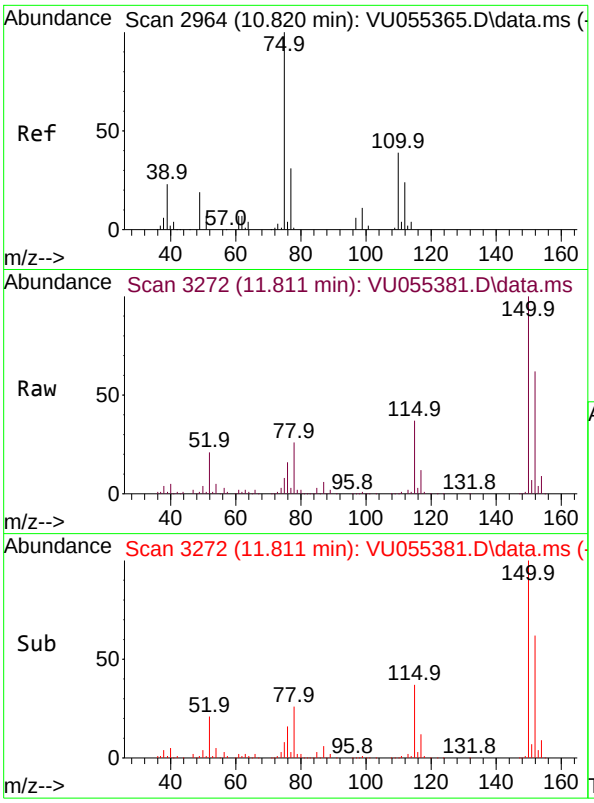


#48
2-Hexanone
Concen: 3.436 ug/L
RT: 8.679 min Scan# 2298
Delta R.T. -0.010 min
Lab File: VU055381.D
Acq: 18 Sep 2023 19:16

Tgt Ion: 43 Resp: 28091

Ion	Ratio	Lower	Upper
43	100		
58	42.2	47.8	71.6#
57	0.8	15.4	23.2#
100	6.8	9.4	14.2#





#61
1,2,3-Trichloropropane
Concen: 1.429 ug/L
RT: 11.811 min Scan# 3
Delta R.T. 0.990 min
Lab File: VU055381.D
Acq: 18 Sep 2023 19:16

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 17593

Ion	Ratio	Lower	Upper
75	100		
110	1.8	31.4	47.2#
77	31.8	26.0	39.0