Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092922\
Data File : VU050999.D
Acq On : 29 Sep 2022 23:11
Operator : JC/MD
Sample : N4869-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Sep 30 01:52:53 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 30 01:30:03 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	291982	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	298484	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	105866	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	135454	45.776	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 91.560%			
7) Chloroethane-d5	1.906	69	123629	44.976	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 89.960%			
11) 1,1-Dichloroethene-d2	2.565	63	159415	36.471	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 72.940%			
21) 2-Butanone-d5	4.620	46	190326	99.168	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 99.170%			
24) Chloroform-d	5.061	84	234815	49.254	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.500%			
26) 1,2-Dichloroethane-d4	5.700	65	151136	51.217	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.440%			
32) Benzene-d6	5.726	84	464308	53.120	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.240%			
36) 1,2-Dichloropropane-d6	6.691	67	157490	55.527	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 111.060%			
41) Toluene-d8	7.896	98	380500	47.116	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.240%			
43) trans-1,3-Dichloroprop...	8.179	79	61585	45.523	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 91.040%			
47) 2-Hexanone-d5	8.633	63	110306	96.316	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 96.320%			
56) 1,1,2,2-Tetrachloroeth...	10.755	84	233073	47.019	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 94.040%			
66) 1,2-Dichlorobenzene-d4	12.192	152	126249	55.823	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 111.640%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1612	0.723	ug/L #	22
12) 1,1-Dichloroethene	2.565	96	1292	0.621	ug/L #	1
17) trans-1,2-Dichloroethene	3.353	96	4207	1.899	ug/L	94
18) Methyl tert-butyl Ether	3.366	73	8232	1.223	ug/L #	93
20) cis-1,2-Dichloroethene	4.662	96	2299	0.930	ug/L	97
34) Trichloroethene	6.543	95	10808	4.586	ug/L	95
37) 1,2-Dichloropropane	6.687	63	16160	6.595	ug/L #	88
39) cis-1,3-Dichloropropene	7.565	75	3802	1.096	ug/L #	39
44) trans-1,3-Dichloropropene	8.183	75	2830	0.807	ug/L #	67
45) 1,1,2-Trichloroethane	8.552	97	3125	1.177	ug/L #	1
46) Tetrachloroethene	8.552	164	397660	222.633	ug/L	98

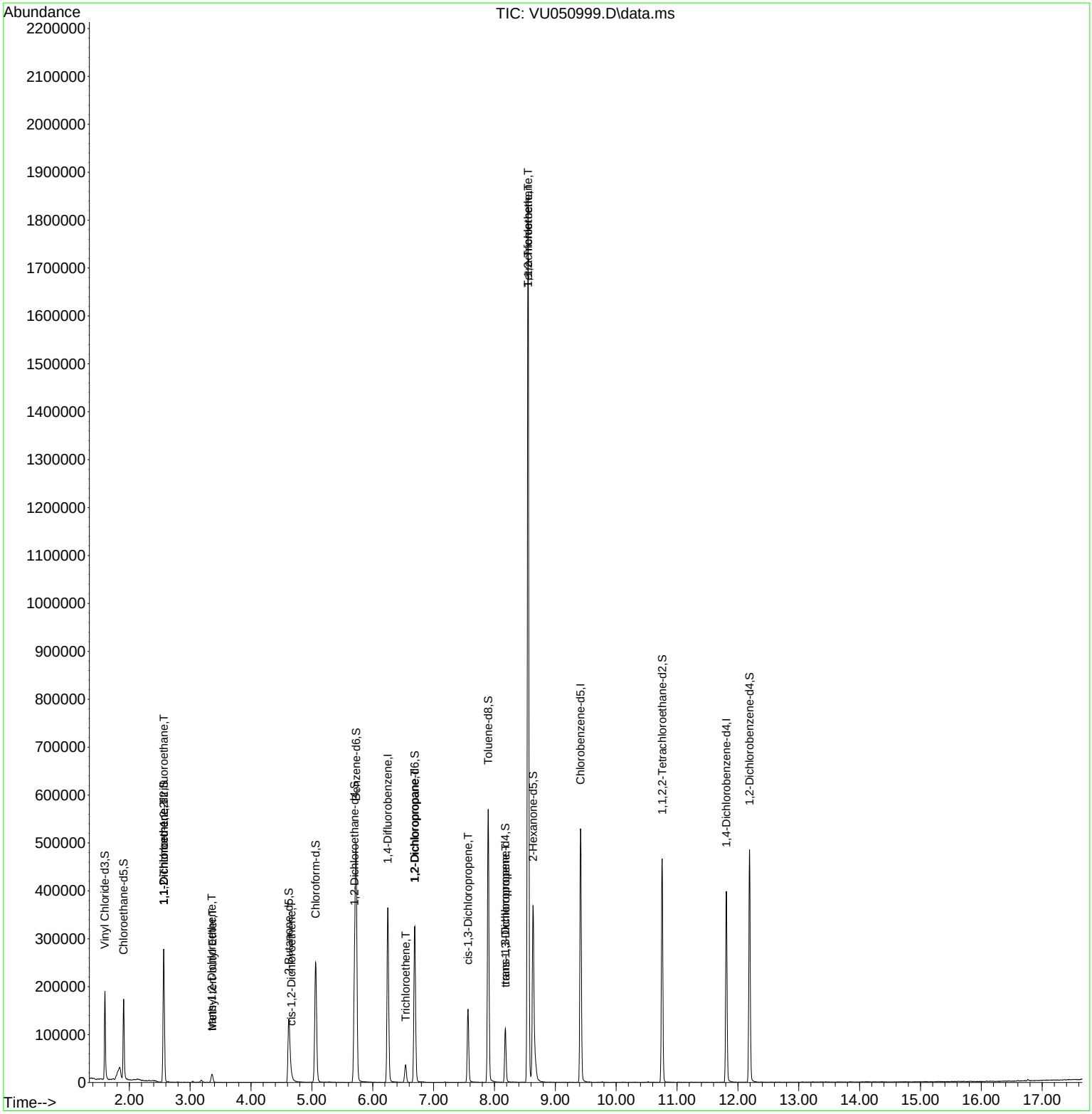
(#) = qualifier out of range (m) = manual integration (+) = signals summed

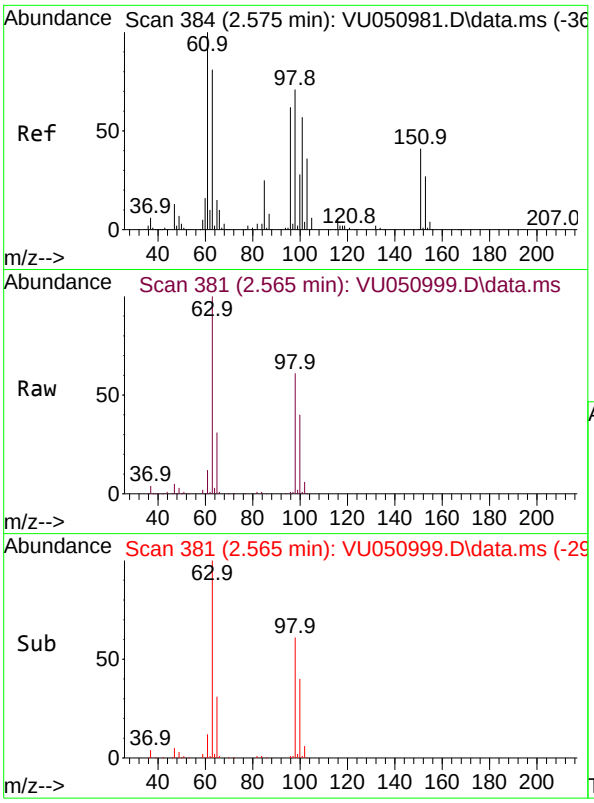
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092922\
Data File : VU050999.D
Acq On : 29 Sep 2022 23:11
Operator : JC/MD
Sample : N4869-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Sep 30 01:52:53 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 30 01:30:03 2022
Response via : Initial Calibration



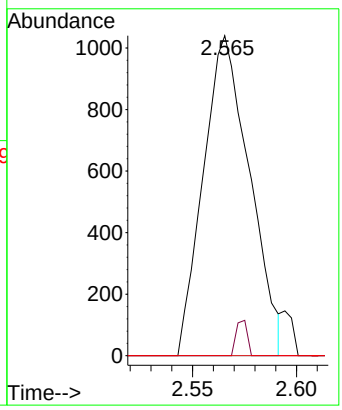


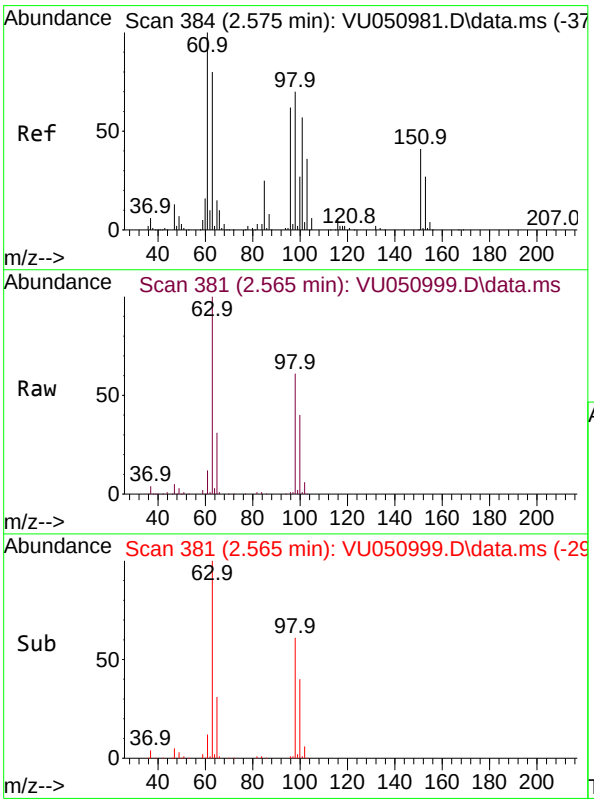
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.723 ug/L
RT: 2.565 min Scan# 3
Delta R.T. -0.009 min
Lab File: VU050999.D
Acq: 29 Sep 2022 23:11

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:101 Resp: 1612

Ion	Ratio	Lower	Upper
101	100		
85	2.7	34.6	52.0#
151	0.0	58.6	87.8#

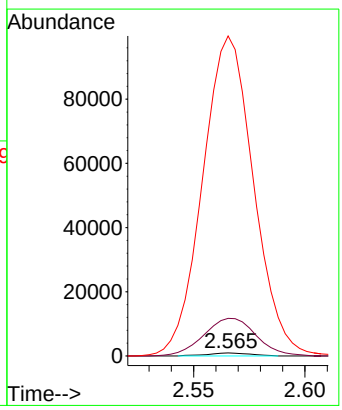


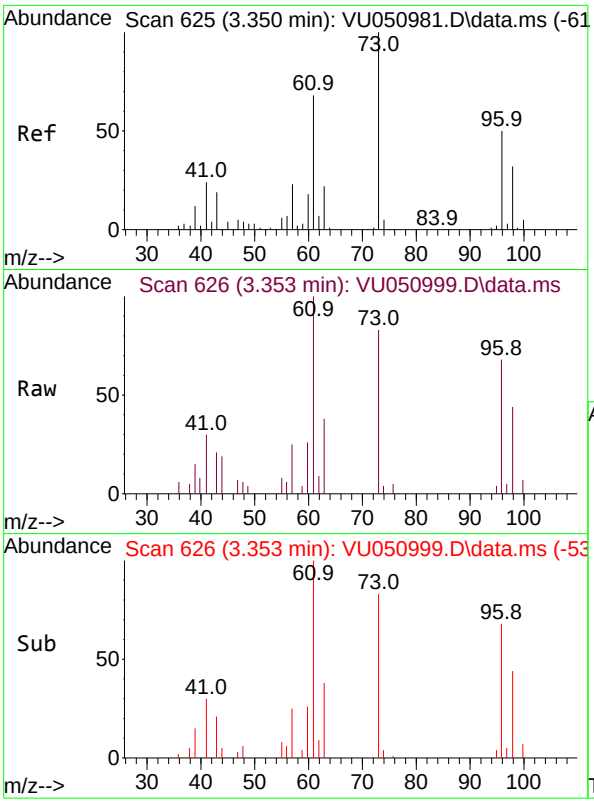


#12
1,1-Dichloroethene
Concen: 0.621 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.009 min
Lab File: VU050999.D
Acq: 29 Sep 2022 23:11

Tgt Ion: 96 Resp: 1292

Ion	Ratio	Lower	Upper
96	100		
61	1240.4	113.0	209.9#
63	10539.5	91.7	170.3#



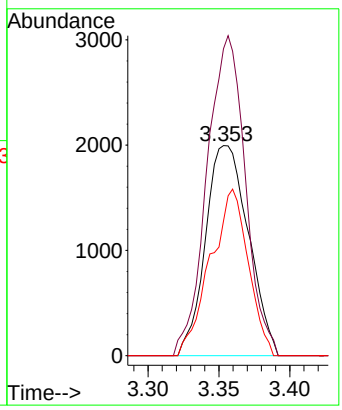


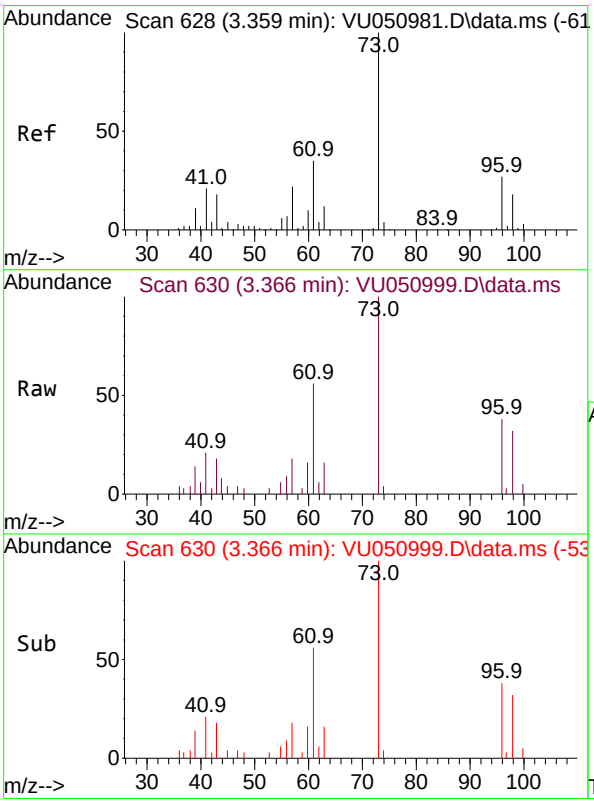
#17
trans-1,2-Dichloroethene
Concen: 1.899 ug/L
RT: 3.353 min Scan# 6
Delta R.T. 0.004 min
Lab File: VU050999.D
Acq: 29 Sep 2022 23:11

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 4207

Ion	Ratio	Lower	Upper
96	100		
61	146.0	95.1	176.5
98	64.0	45.1	83.7

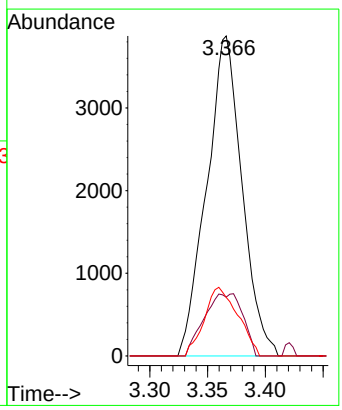


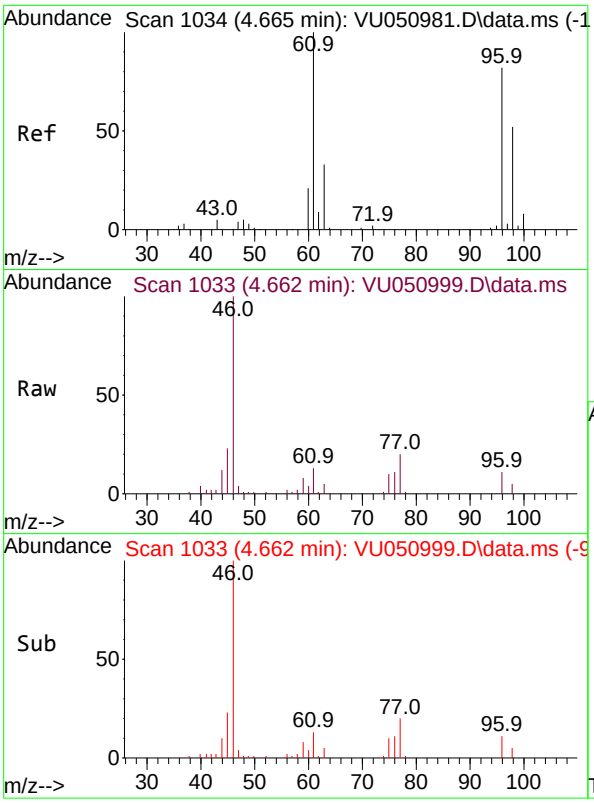


#18
Methyl tert-butyl Ether
Concen: 1.223 ug/L
RT: 3.366 min Scan# 630
Delta R.T. 0.007 min
Lab File: VU050999.D
Acq: 29 Sep 2022 23:11

Tgt Ion: 73 Resp: 8232

Ion	Ratio	Lower	Upper
73	100		
43	12.8	14.7	22.1#
57	20.3	17.5	26.3



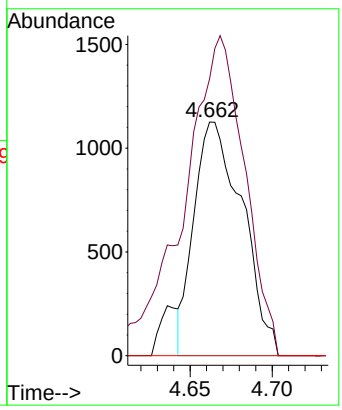


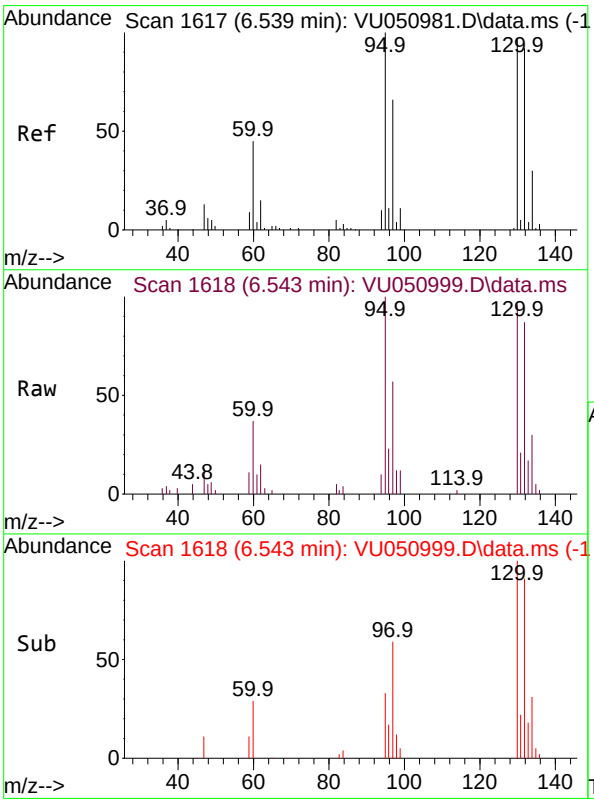
#20
cis-1,2-Dichloroethene
Concen: 0.930 ug/L
RT: 4.662 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU050999.D
Acq: 29 Sep 2022 23:11

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 2299

Ion	Ratio	Lower	Upper
96	100		
61	118.5	85.4	158.6
68	0.0	0.0	0.0

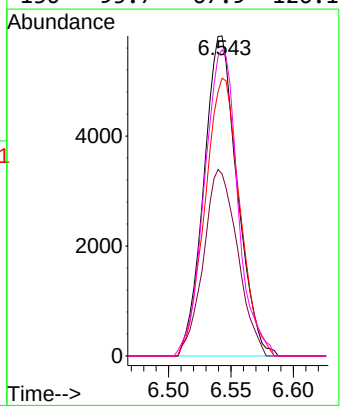


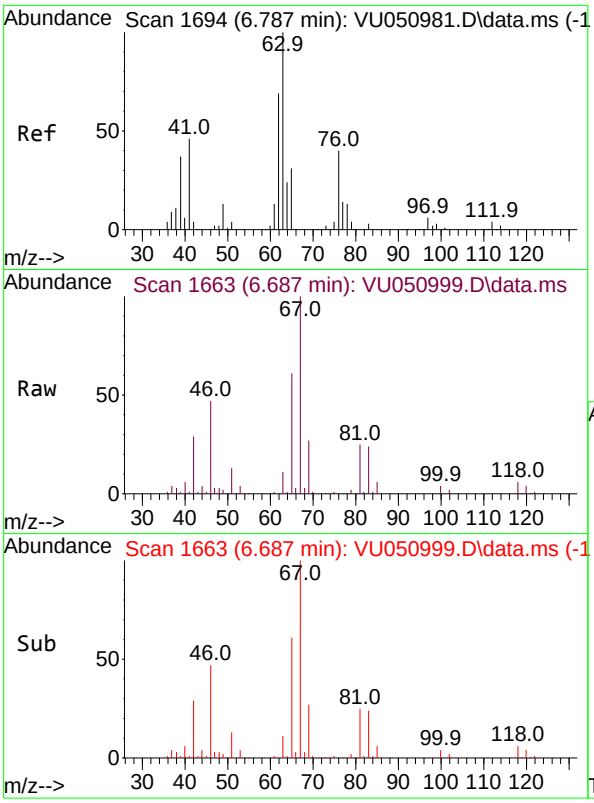


#34
Trichloroethene
Concen: 4.586 ug/L
RT: 6.543 min Scan# 1618
Delta R.T. 0.004 min
Lab File: VU050999.D
Acq: 29 Sep 2022 23:11

Tgt Ion: 95 Resp: 10808

Ion	Ratio	Lower	Upper
95	100		
97	56.9	45.9	85.3
132	86.8	64.0	119.0
130	95.7	67.9	126.1



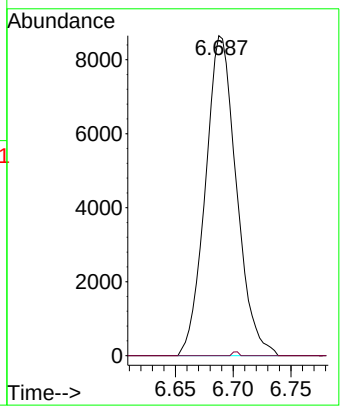


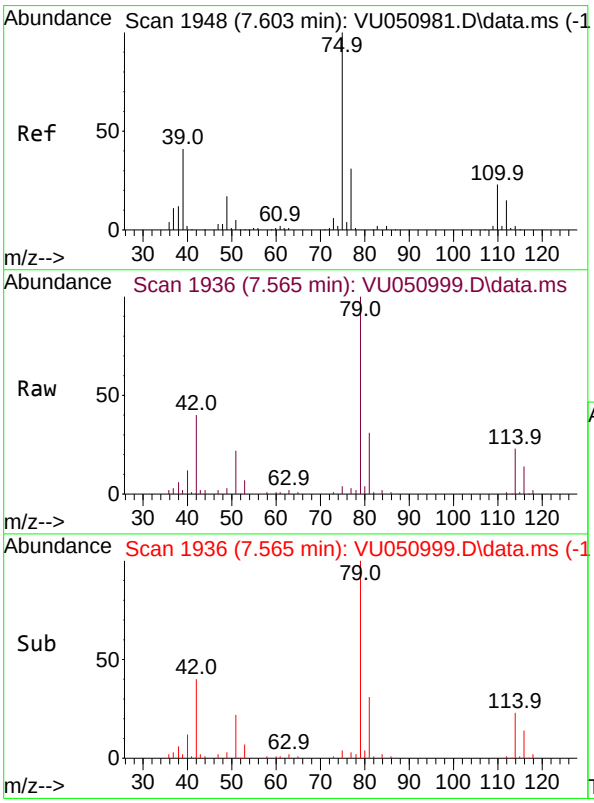
#37
1,2-Dichloropropane
Concen: 6.595 ug/L
RT: 6.687 min Scan# 1
Delta R.T. -0.099 min
Lab File: VU050999.D
Acq: 29 Sep 2022 23:11

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 16160

Ion	Ratio	Lower	Upper
63	100		
112	0.2	3.3	4.9#

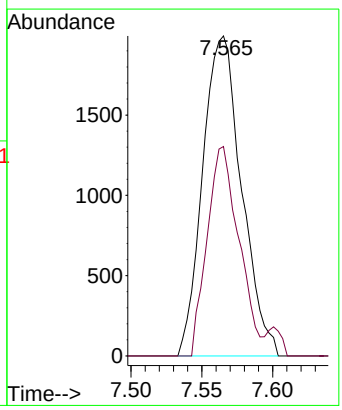


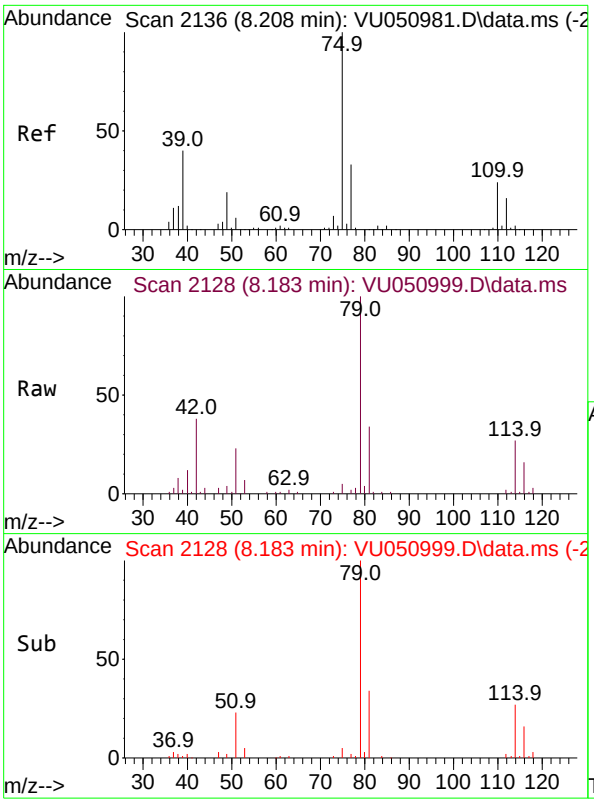


#39
cis-1,3-Dichloropropene
Concen: 1.096 ug/L
RT: 7.565 min Scan# 1936
Delta R.T. -0.038 min
Lab File: VU050999.D
Acq: 29 Sep 2022 23:11

Tgt Ion: 75 Resp: 3802

Ion	Ratio	Lower	Upper
75	100		
77	65.4	22.0	41.0#



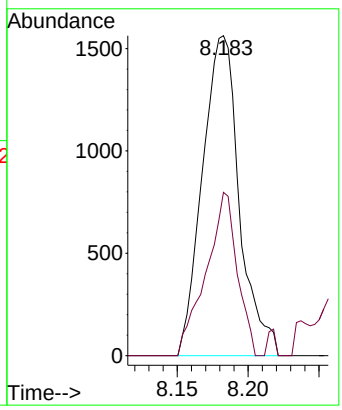


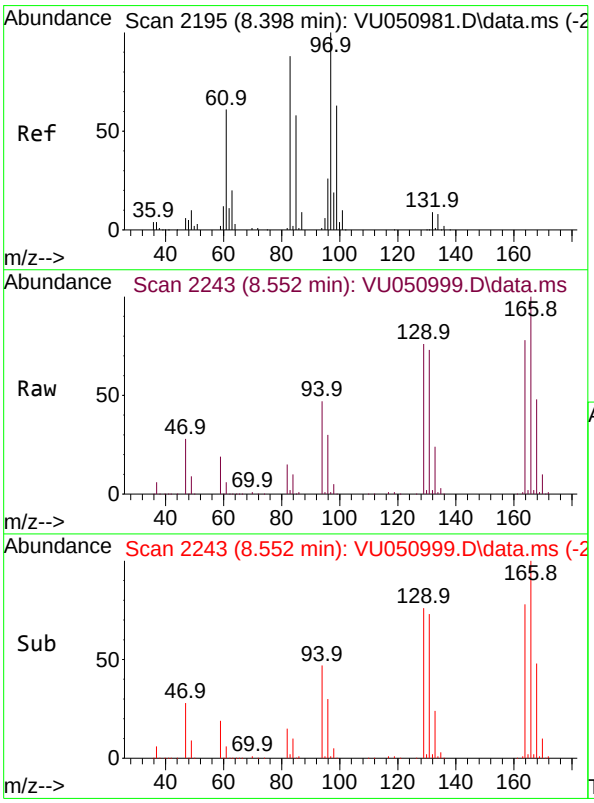
#44
trans-1,3-Dichloropropene
Concen: 0.807 ug/L
RT: 8.183 min Scan# 2
Delta R.T. -0.025 min
Lab File: VU050999.D
Acq: 29 Sep 2022 23:11

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 2830

Ion	Ratio	Lower	Upper
75	100		
77	51.1	22.7	42.3#

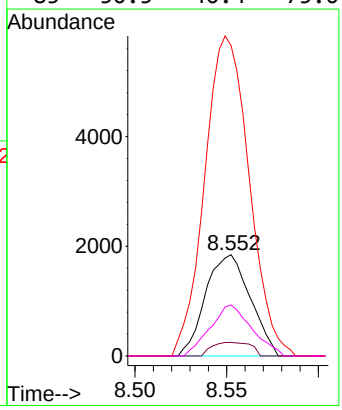


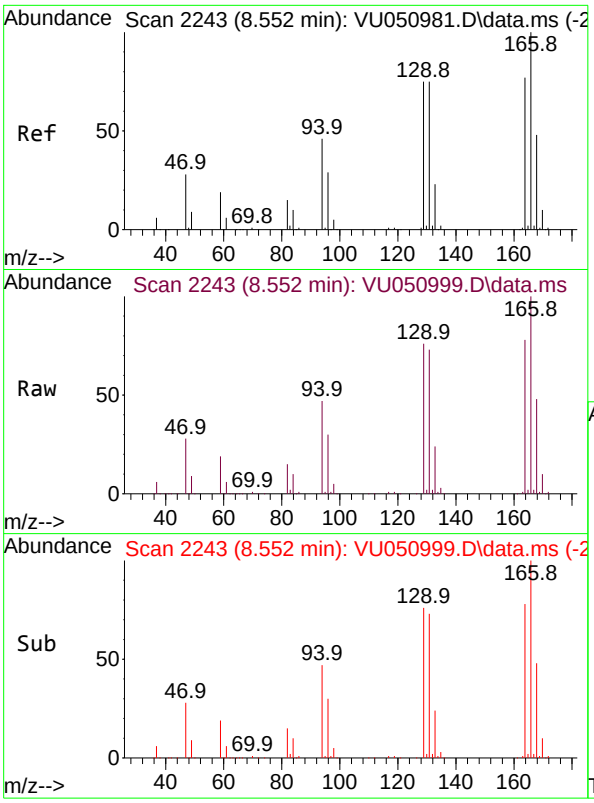


#45
1,1,2-Trichloroethane
Concen: 1.177 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.155 min
Lab File: VU050999.D
Acq: 29 Sep 2022 23:11

Tgt Ion: 97 Resp: 3125

Ion	Ratio	Lower	Upper
97	100		
99	13.5	44.4	82.4#
83	306.7	61.7	114.5#
85	50.5	40.4	75.0





#46
Tetrachloroethene
Concen: 222.633 ug/L
RT: 8.552 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU050999.D
Acq: 29 Sep 2022 23:11

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:164 Resp: 397660

Ion	Ratio	Lower	Upper
164	100		
129	96.4	68.1	126.5
131	93.1	67.8	126.0
166	127.4	90.5	168.1