Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012722\
Data File : VU046872.D
Acq On : 27 Jan 2022 15:42
Operator : SY/MD
Sample : N1260-10DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXY1DL

Quant Time: Jan 28 01:00:40 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jan 28 00:56:24 2022
Response via : Initial Calibration

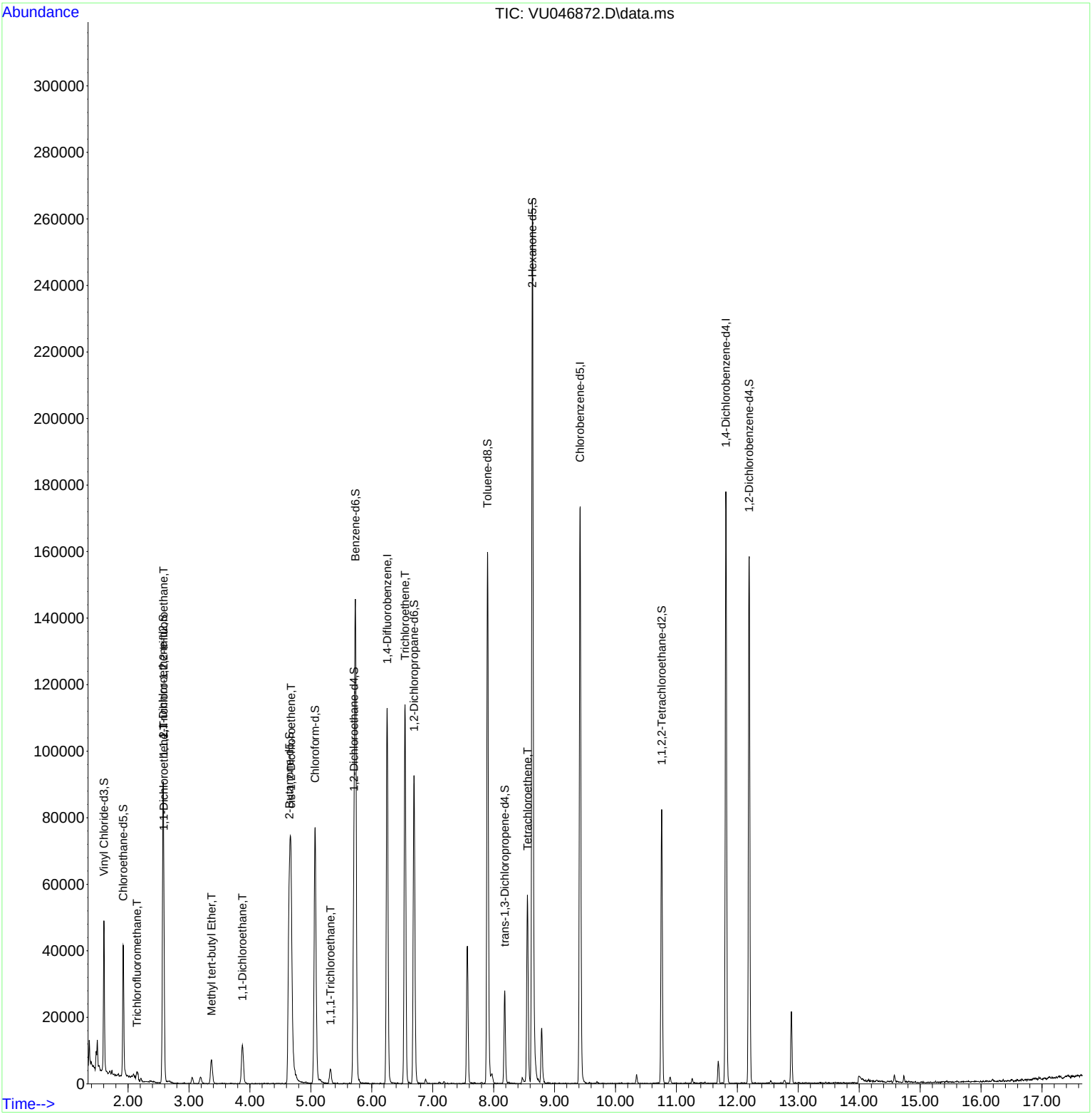
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	94508	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	103135	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	48225	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	34107	4.259	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 85.200%			
7) Chloroethane-d5	1.919	69	31370	4.972	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 99.400%			
11) 1,1-Dichloroethene-d2	2.575	65	14506	4.554	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 91.000%			
20) 2-Butanone-d5	4.649	46	119098	50.201	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 100.400%			
24) Chloroform-d	5.070	84	72814	5.179	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.600%			
26) 1,2-Dichloroethane-d4	5.706	65	40671	5.312	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.200%			
32) Benzene-d6	5.732	84	141883	4.681	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.600%			
36) 1,2-Dichloropropane-d6	6.694	67	45844	5.037	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.800%			
41) Toluene-d8	7.899	98	113151	4.078	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 81.600%			
43) trans-1,3-Dichloroprop...	8.182	79	16429	4.110	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 82.200%			
46) 2-Hexanone-d5	8.636	63	101905	43.060	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 86.120%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	41727	4.567	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 91.400%			
66) 1,2-Dichlorobenzene-d4	12.195	152	42455	4.694	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.800%			
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.147	101	1243	0.134	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	875	0.158	ug/L #	39
12) 1,1-Dichloroethene	2.588	96	9303	1.763	ug/L #	49
17) Methyl tert-butyl Ether	3.369	73	7949	0.537	ug/L	96
19) 1,1-Dichloroethane	3.877	63	14027	1.462	ug/L	98
22) cis-1,2-Dichloroethene	4.674	96	20728	3.438	ug/L	95
29) 1,1,1-Trichloroethane	5.321	97	3522	0.379	ug/L #	86
34) Trichloroethene	6.546	95	39803	6.313	ug/L	98
47) Tetrachloroethene	8.555	164	12985	2.532	ug/L	98

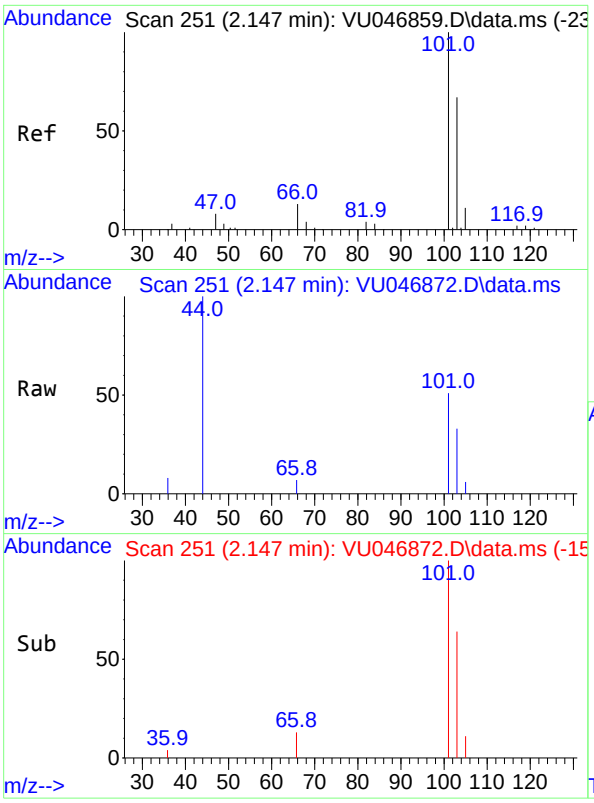
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012722\
Data File : VU046872.D
Acq On : 27 Jan 2022 15:42
Operator : SY/MD
Sample : N1260-10DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXY1DL

Quant Time: Jan 28 01:00:40 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jan 28 00:56:24 2022
Response via : Initial Calibration



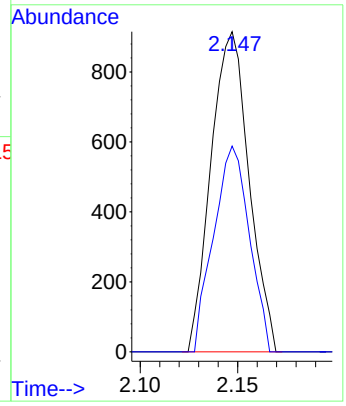


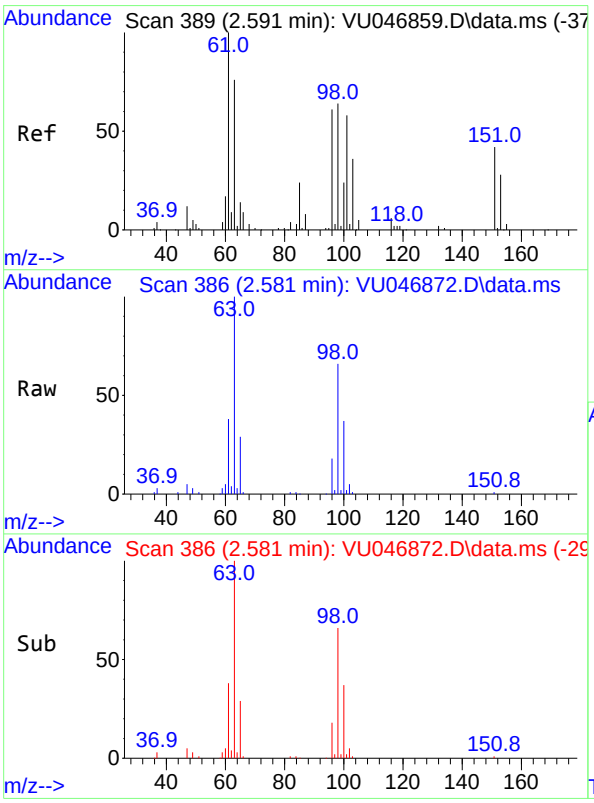
#9
Trichlorofluoromethane
Concen: 0.134 ug/L
RT: 2.147 min Scan# 2
Delta R.T. -0.000 min
Lab File: VU046872.D
Acq: 27 Jan 2022 15:42

Instrument :
MSVOA_U
ClientSampleId :
BFXY1DL

Tgt Ion:101 Resp: 1243

Ion	Ratio	Lower	Upper
101	100		
103	60.2	51.5	77.3

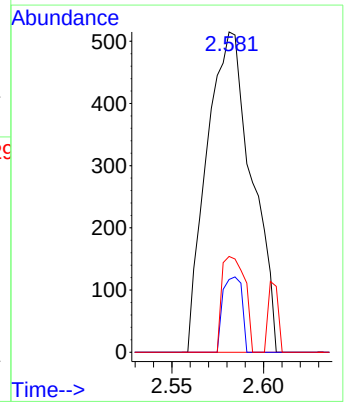


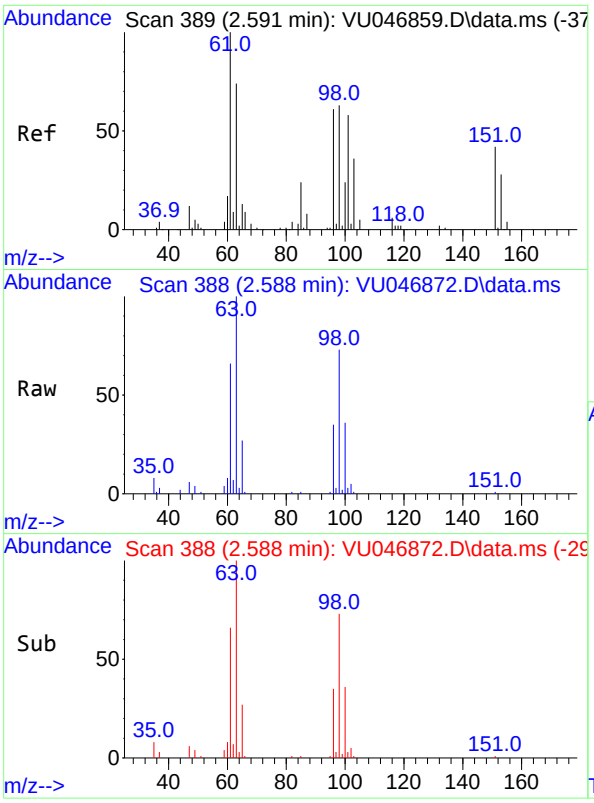


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.158 ug/L
RT: 2.581 min Scan# 386
Delta R.T. -0.010 min
Lab File: VU046872.D
Acq: 27 Jan 2022 15:42

Tgt Ion:101 Resp: 875

Ion	Ratio	Lower	Upper
101	100		
85	9.9	34.6	51.8#
151	15.2	56.1	84.1#



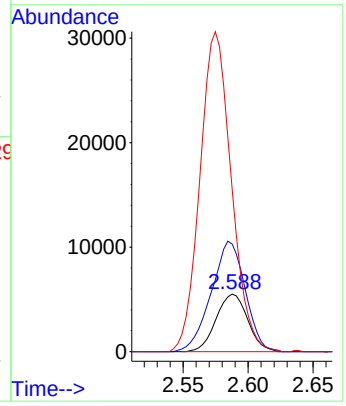


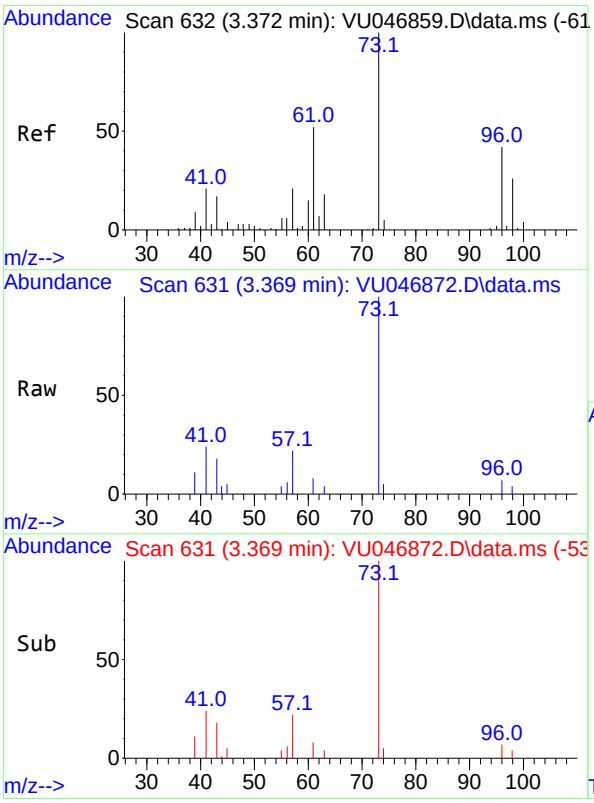
#12
1,1-Dichloroethene
Concen: 1.763 ug/L
RT: 2.588 min Scan# 3
Delta R.T. -0.003 min
Lab File: VU046872.D
Acq: 27 Jan 2022 15:42

Instrument :
MSVOA_U
ClientSampleId :
BFXY1DL

Tgt Ion: 96 Resp: 9303

Ion	Ratio	Lower	Upper
96	100		
61	186.6	124.7	231.5
63	282.8	105.2	195.4#

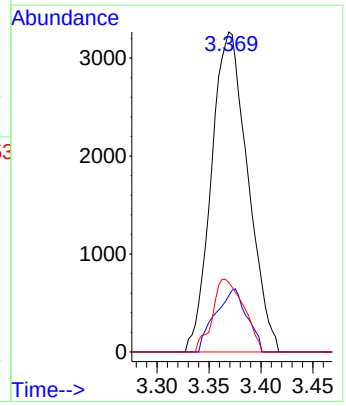


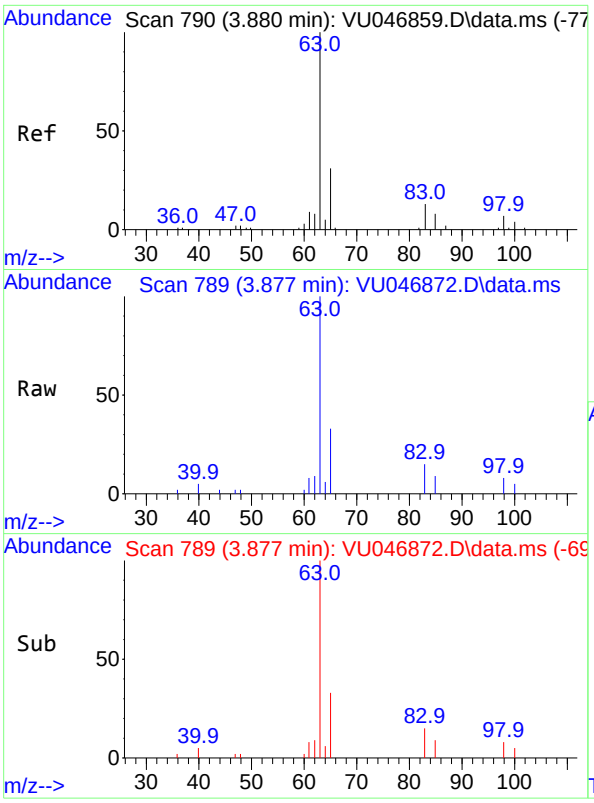


#17
Methyl tert-butyl Ether
Concen: 0.537 ug/L
RT: 3.369 min Scan# 631
Delta R.T. -0.003 min
Lab File: VU046872.D
Acq: 27 Jan 2022 15:42

Tgt Ion: 73 Resp: 7949

Ion	Ratio	Lower	Upper
73	100		
43	17.1	14.8	22.2
57	19.6	17.4	26.0



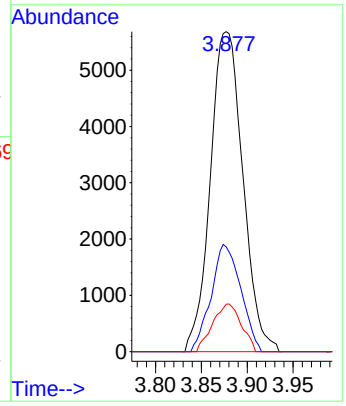


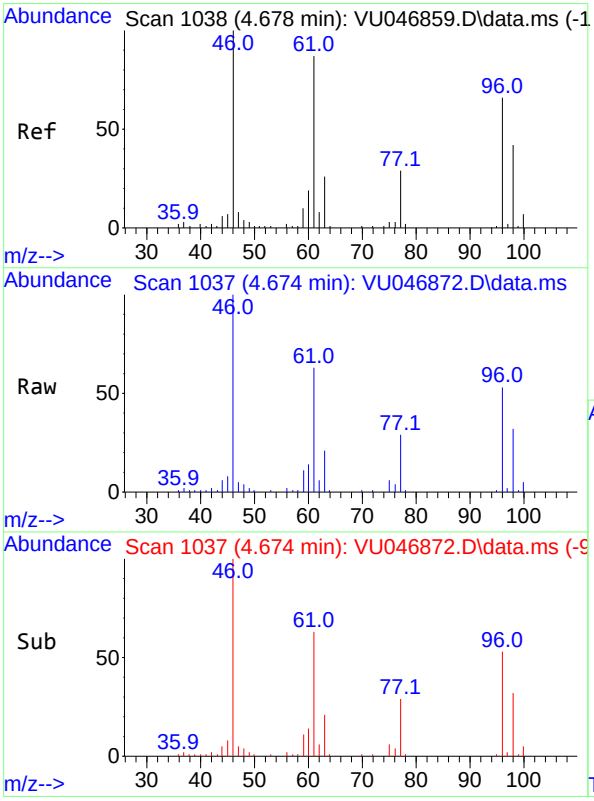
#19
1,1-Dichloroethane
Concen: 1.462 ug/L
RT: 3.877 min Scan# 7
Delta R.T. -0.003 min
Lab File: VU046872.D
Acq: 27 Jan 2022 15:42

Instrument :
MSVOA_U
ClientSampleId :
BFXY1DL

Tgt Ion: 63 Resp: 14027

Ion	Ratio	Lower	Upper
63	100		
65	32.7	22.3	41.5
83	14.9	9.6	17.8

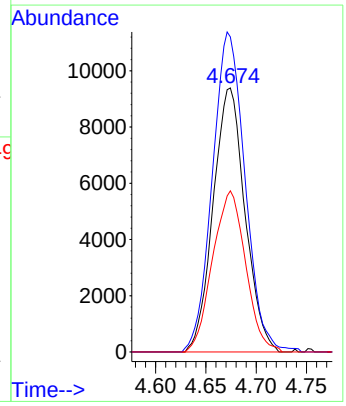


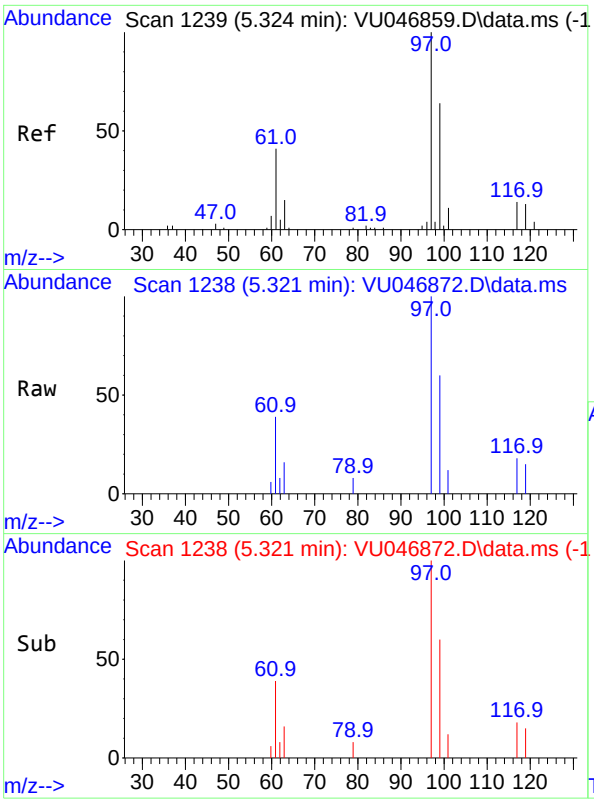


#22
cis-1,2-Dichloroethene
Concen: 3.438 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. -0.003 min
Lab File: VU046872.D
Acq: 27 Jan 2022 15:42

Tgt Ion: 96 Resp: 20728

Ion	Ratio	Lower	Upper
96	100		
61	119.3	88.5	164.3
98	61.1	44.4	82.5



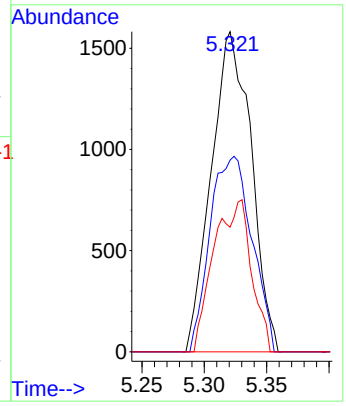


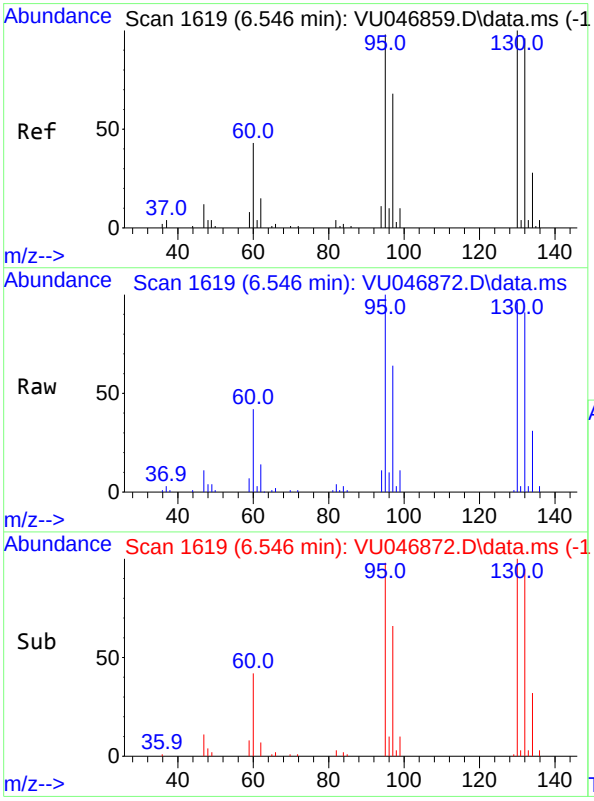
#29
1,1,1-Trichloroethane
Concen: 0.379 ug/L
RT: 5.321 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU046872.D
Acq: 27 Jan 2022 15:42

Instrument :
MSVOA_U
ClientSampleId :
BFXY1DL

Tgt Ion: 97 Resp: 3522

Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.3	76.9
61	22.5	36.1	54.1#

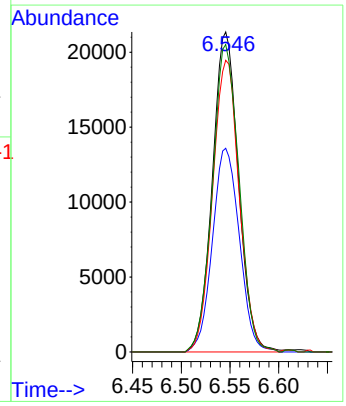


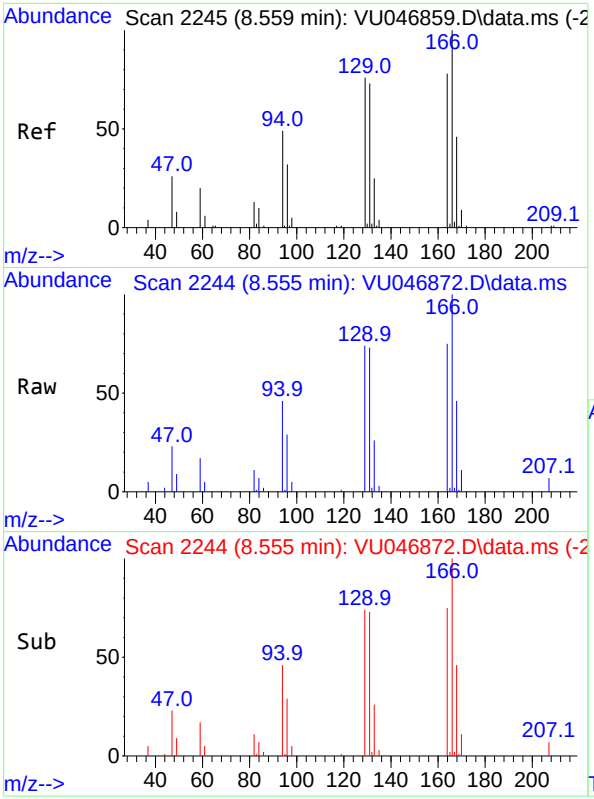


#34
Trichloroethene
Concen: 6.313 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU046872.D
Acq: 27 Jan 2022 15:42

Tgt Ion: 95 Resp: 39803

Ion	Ratio	Lower	Upper
95	100		
97	63.6	46.5	86.5
132	91.2	65.1	120.9
130	96.1	67.3	124.9





#47
Tetrachloroethene
Concen: 2.532 ug/L
RT: 8.555 min Scan# 2
Delta R.T. -0.003 min
Lab File: VU046872.D
Acq: 27 Jan 2022 15:42

Instrument :
MSVOA_U
ClientSampleId :
BFXY1DL

Tgt Ion:164 Resp: 12985

Ion	Ratio	Lower	Upper
164	100		
129	98.6	71.8	133.4
131	96.4	68.5	127.3
166	132.5	94.1	174.8