Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU123021\
Data File : VU046652.D
Acq On : 30 Dec 2021 16:36
Operator : SY/MD
Sample : M5221-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Dec 31 07:26:33 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U123021DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Dec 30 12:44:59 2021
Response via : Initial Calibration

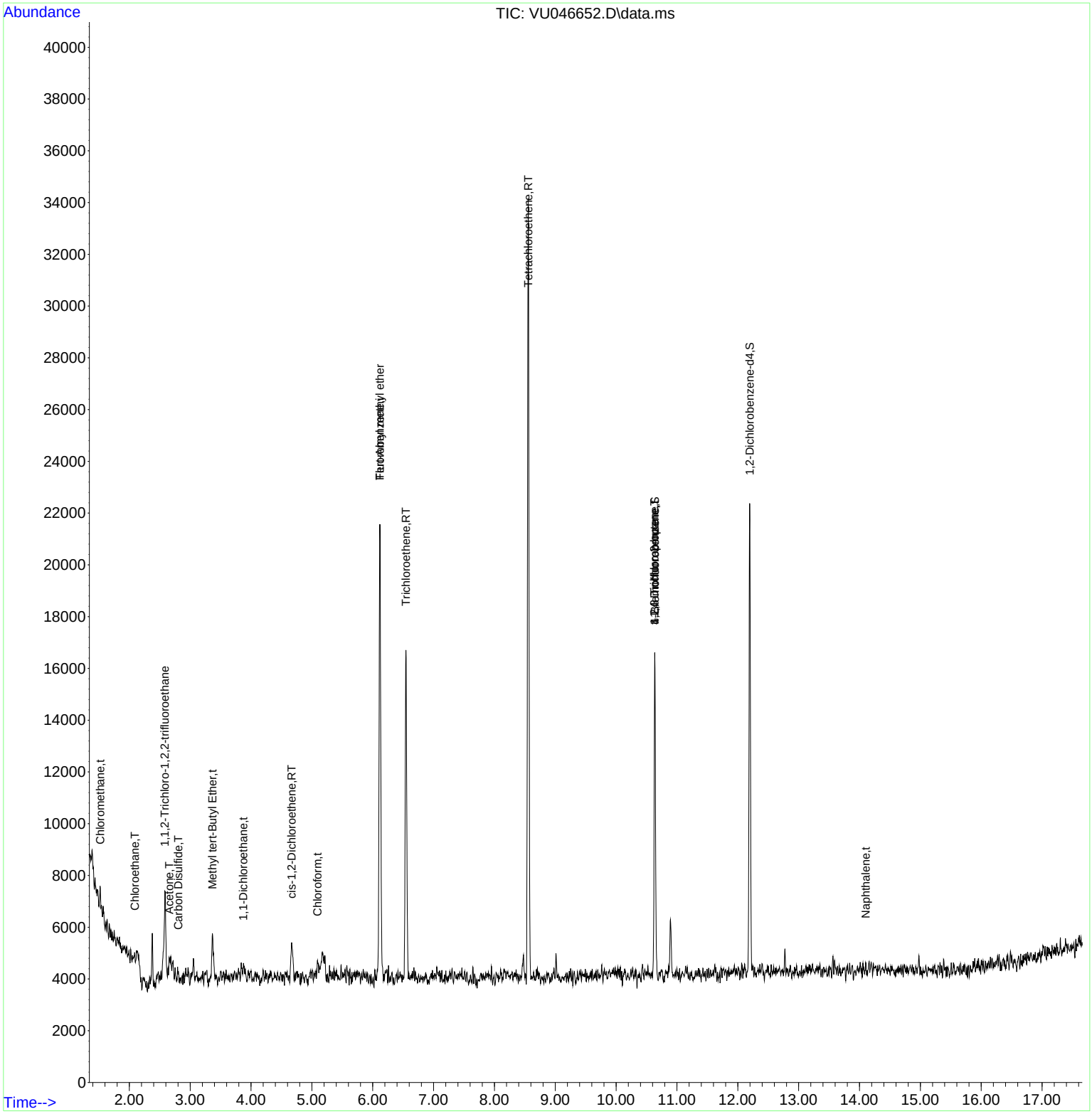
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.118	96	16876	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.639	95	4514	0.752	ug/l	0.00
Spiked Amount 1.000			Recovery = 75.000%			
68) 1,2-Dichlorobenzene-d4	12.198	152	5298	0.815	ug/l	0.00
Spiked Amount 1.000			Recovery = 82.000%			
Target Compounds						Qvalue
3) Chloromethane	1.523	50	579	0.101	ug/l #	80
6) Chloroethane	2.092	64	20	0.005	ug/l #	42
8) 1,1,2-Trichloro-1,2,2-...	2.584	101	1557	0.325	ug/l	93
13) Acetone	2.658	43	983	0.909	ug/l #	53
14) Carbon Disulfide	2.803	76	172	0.012	ug/l #	75
15) Methylene Chloride	3.057	84	347	Below Cal		88
17) 1,1-Dichloroethane	3.874	63	306	0.035	ug/l #	82
22) cis-1,2-Dichloroethene	4.668	96	756	0.150	ug/l	44
25) Methyl tert-Butyl Ether	3.366	73	1856	0.171	ug/l	95
27) Chloroform	5.092	83	420	0.043	ug/l	74
33) Tert-Amyl methyl ether	6.118	73	128	0.012	ug/l #	58
37) Trichloroethene	6.546	130	4374	0.907	ug/l	94
46) t-1,4-Dichloro-2-butene	10.632	75	2379	1.395	ug/l #	19
58) Tetrachloroethene	8.558	164	6767	1.587	ug/l	97
71) 1,2,3-Trichloropropane	10.632	75	2379	0.676	ug/l #	36
89) Naphthalene	14.102	128	43	0.068	ug/l #	69

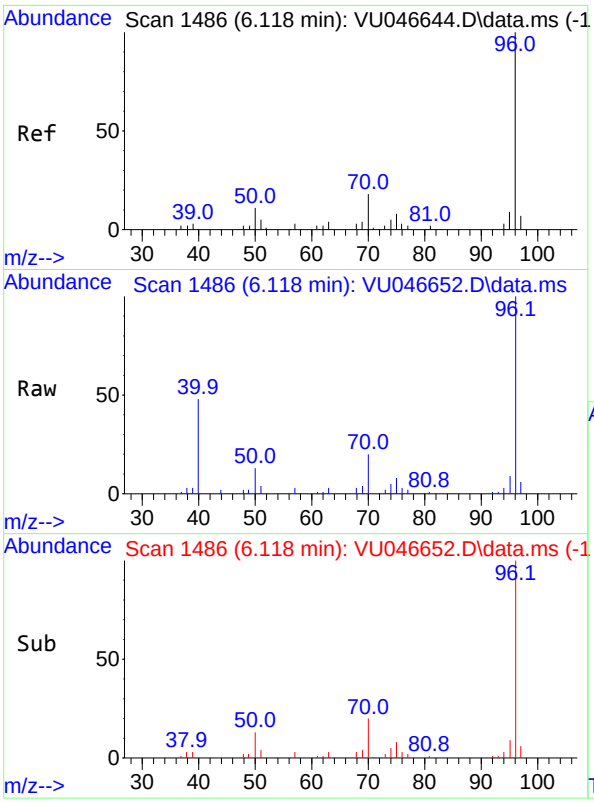
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU123021\
Data File : VU046652.D
Acq On : 30 Dec 2021 16:36
Operator : SY/MD
Sample : M5221-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Dec 31 07:26:33 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U123021DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Dec 30 12:44:59 2021
Response via : Initial Calibration



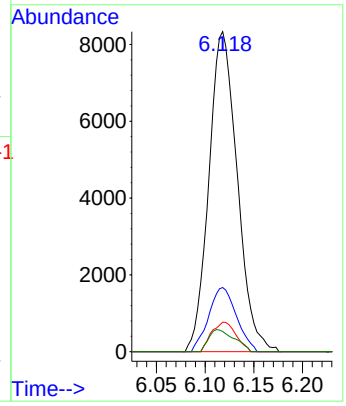


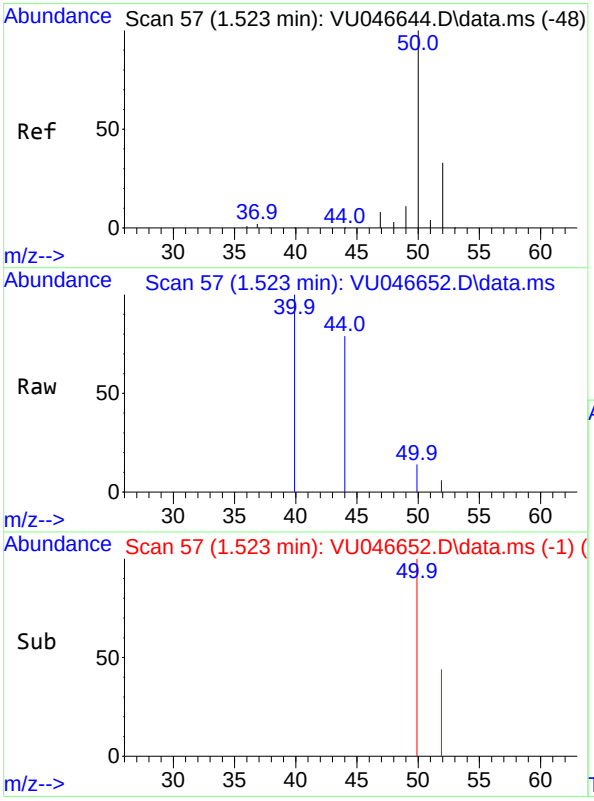
#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.118 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU046652.D
Acq: 30 Dec 2021 16:36

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 16876

Ion	Ratio	Lower	Upper
96	100		
70	19.6	16.8	25.2
95	7.9	7.3	10.9
97	6.2	0.0	0.0#

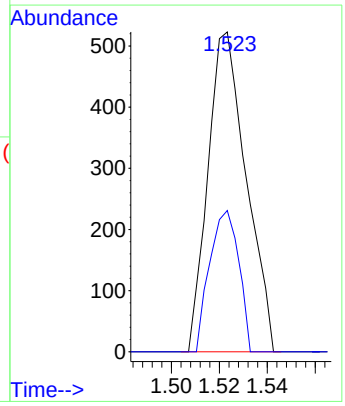


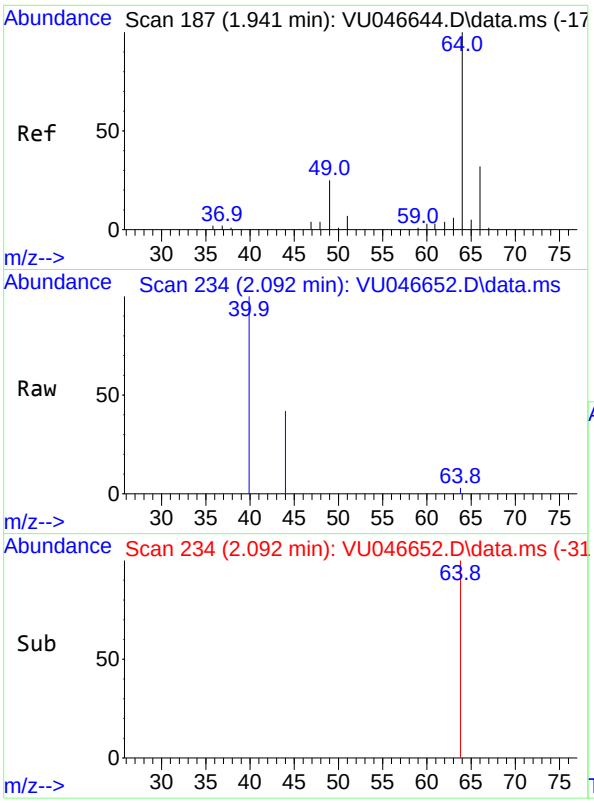


#3
Chloromethane
Concen: 0.101 ug/l
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU046652.D
Acq: 30 Dec 2021 16:36

Tgt Ion: 50 Resp: 579

Ion	Ratio	Lower	Upper
50	100		
52	44.2	26.2	39.4#



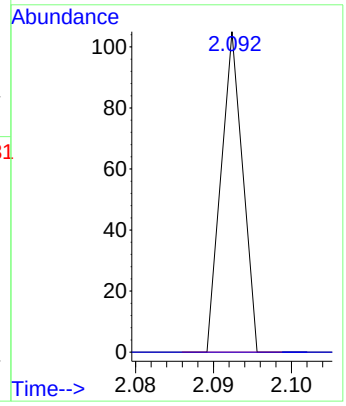


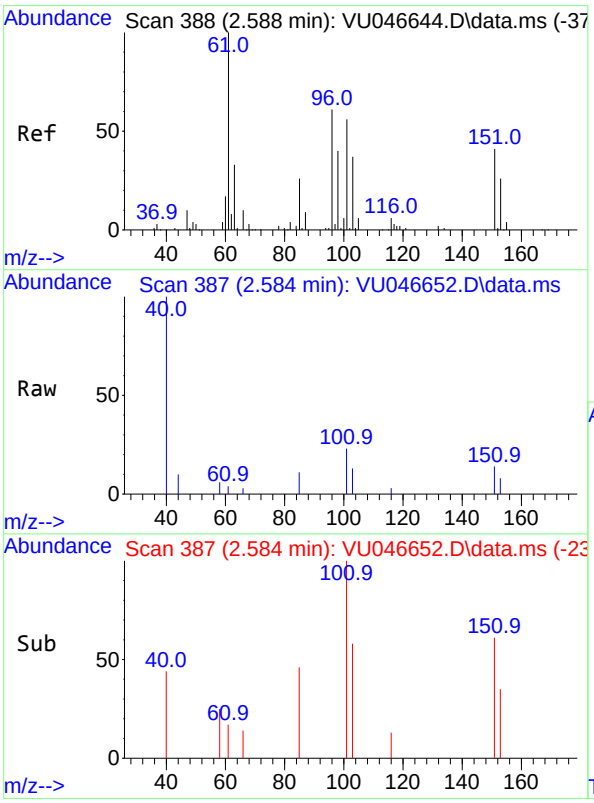
#6
Chloroethane
Concen: 0.005 ug/l
RT: 2.092 min Scan# 2
Delta R.T. 0.151 min
Lab File: VU046652.D
Acq: 30 Dec 2021 16:36

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 64 Resp: 20

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.8	38.8#

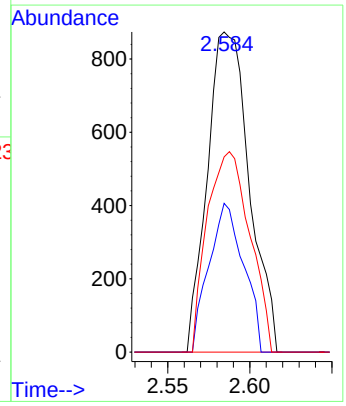


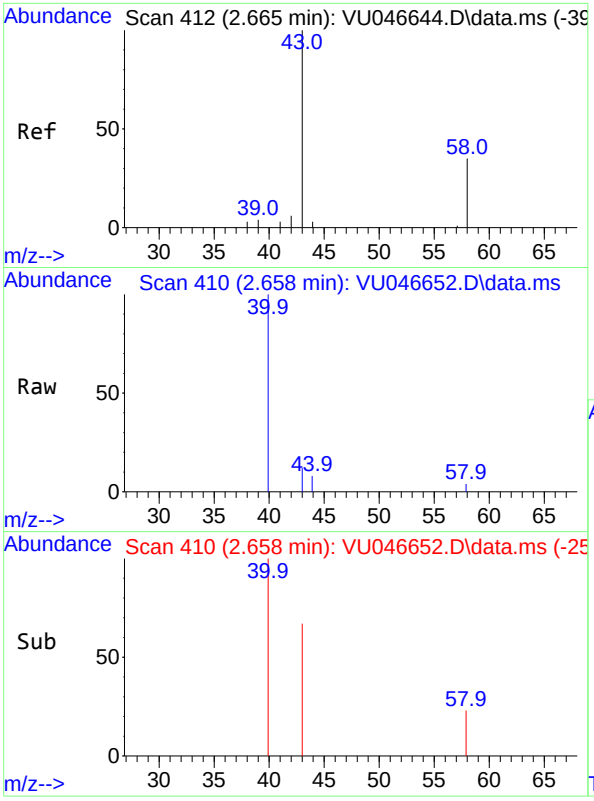


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.325 ug/l
RT: 2.584 min Scan# 387
Delta R.T. -0.004 min
Lab File: VU046652.D
Acq: 30 Dec 2021 16:36

Tgt Ion:101 Resp: 1557

Ion	Ratio	Lower	Upper
101	100		
85	38.3	35.8	53.6
151	63.5	54.6	81.8



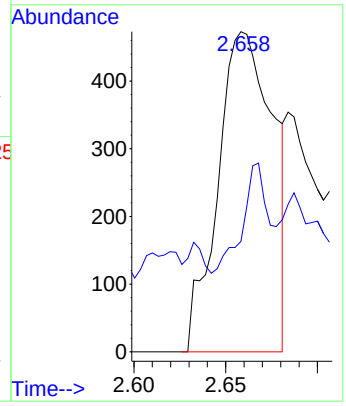


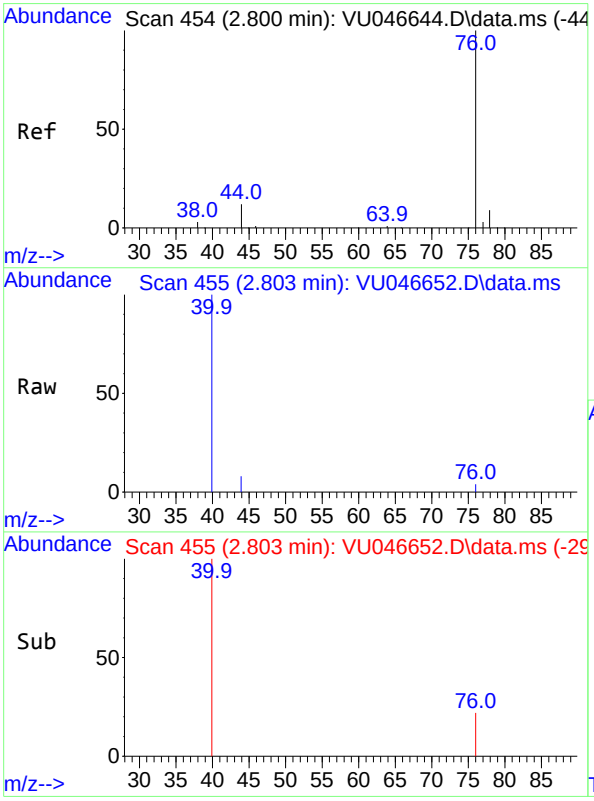
#13
Acetone
Concen: 0.909 ug/l
RT: 2.658 min Scan# 41
Delta R.T. -0.007 min
Lab File: VU046652.D
Acq: 30 Dec 2021 16:36

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 983

Ion	Ratio	Lower	Upper
43	100		
58	7.2	27.1	40.7#

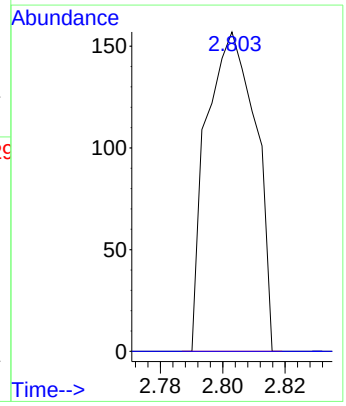


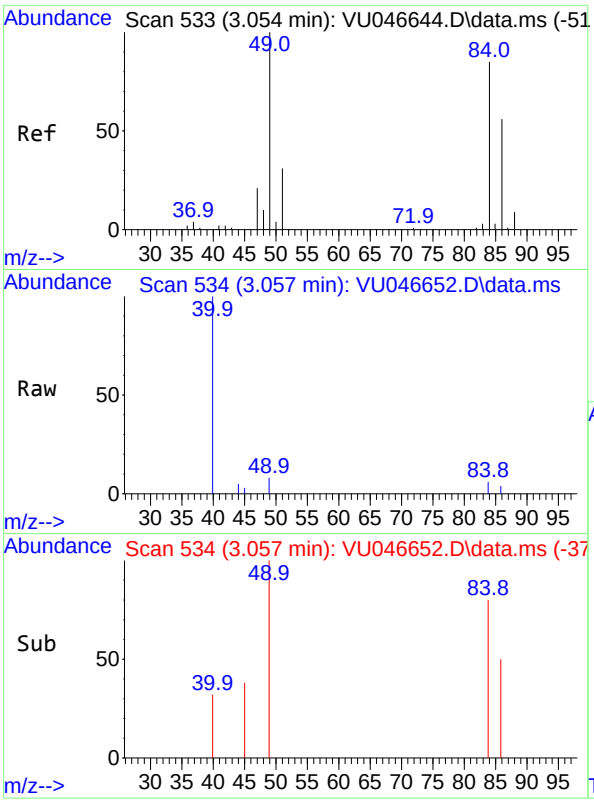


#14
Carbon Disulfide
Concen: 0.012 ug/l
RT: 2.803 min Scan# 455
Delta R.T. 0.003 min
Lab File: VU046652.D
Acq: 30 Dec 2021 16:36

Tgt Ion: 76 Resp: 172

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.1	10.7#



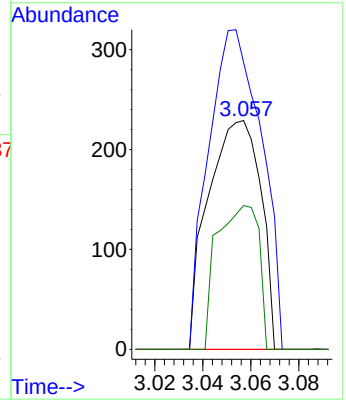


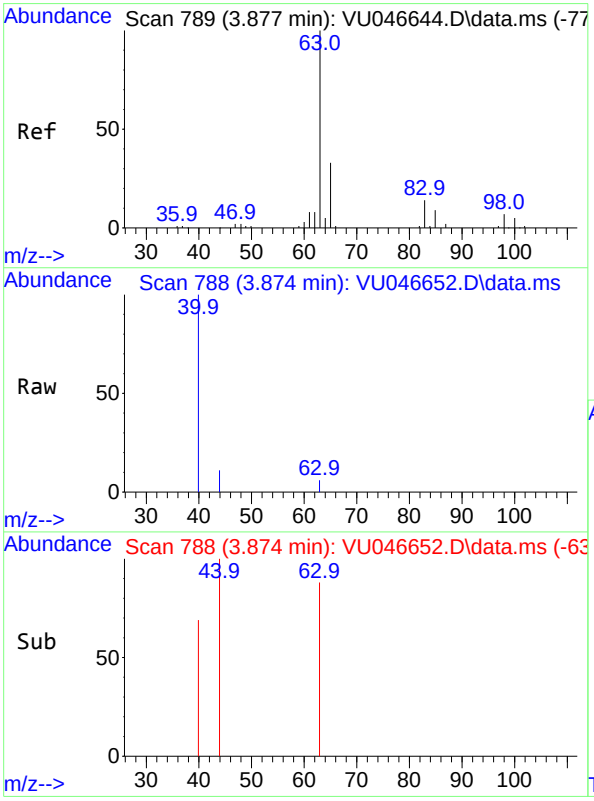
#15
Methylene Chloride
Concen: Below Cal
RT: 3.057 min Scan# 5
Delta R.T. 0.003 min
Lab File: VU046652.D
Acq: 30 Dec 2021 16:36

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 84 Resp: 347

Ion	Ratio	Lower	Upper
84	100		
49	125.3	97.2	145.8
51	0.0	0.0	73.4
86	62.9	50.2	75.4

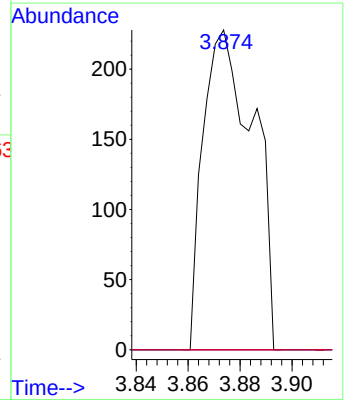


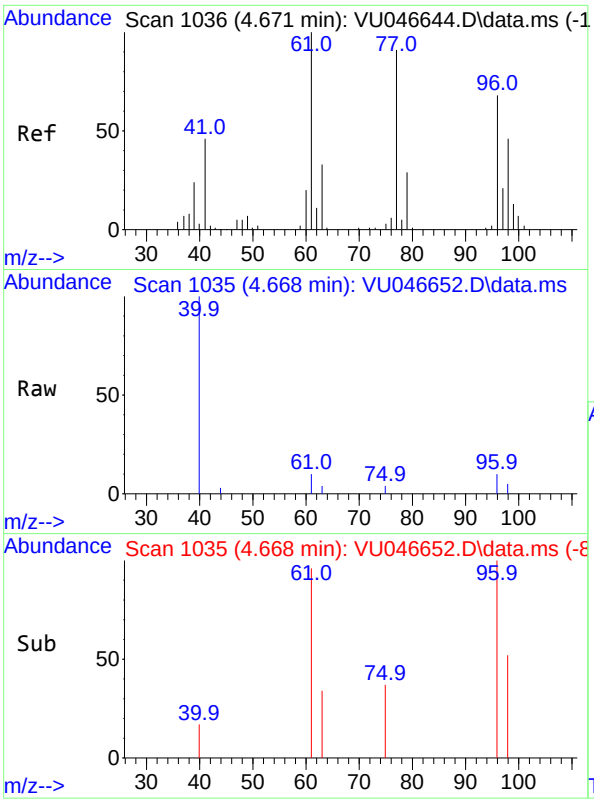


#17
1,1-Dichloroethane
Concen: 0.035 ug/l
RT: 3.874 min Scan# 788
Delta R.T. -0.003 min
Lab File: VU046652.D
Acq: 30 Dec 2021 16:36

Tgt Ion: 63 Resp: 306

Ion	Ratio	Lower	Upper
63	100		
98	0.0	3.6	10.8#
100	0.0	2.1	6.5#



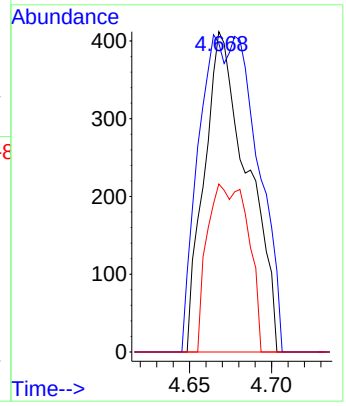


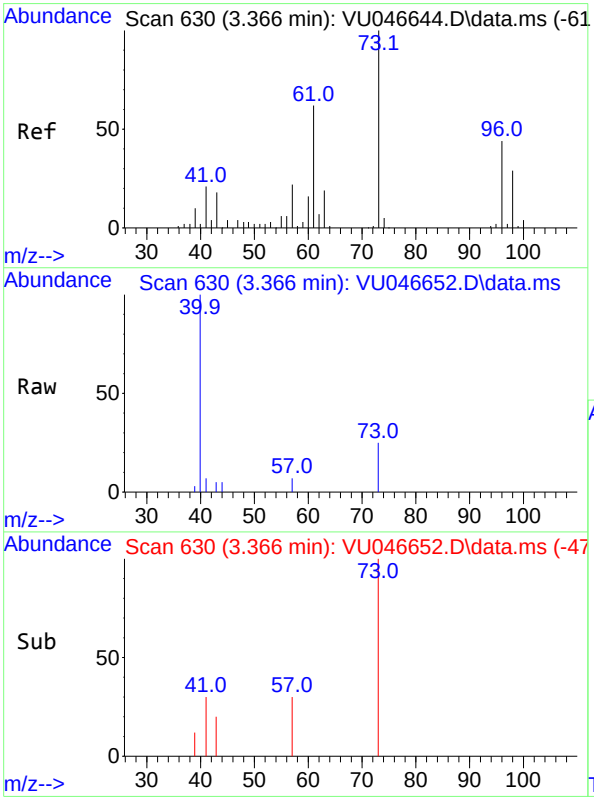
#22
cis-1,2-Dichloroethene
Concen: 0.150 ug/l
RT: 4.668 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU046652.D
Acq: 30 Dec 2021 16:36

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 756

Ion	Ratio	Lower	Upper
96	100		
61	61.4	0.0	385.3
98	49.2	32.1	96.3

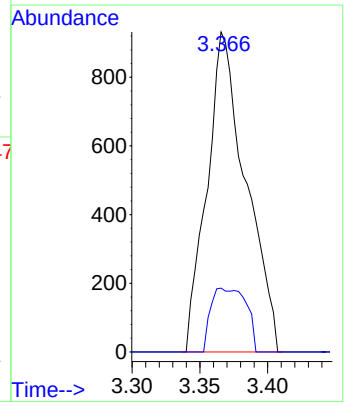


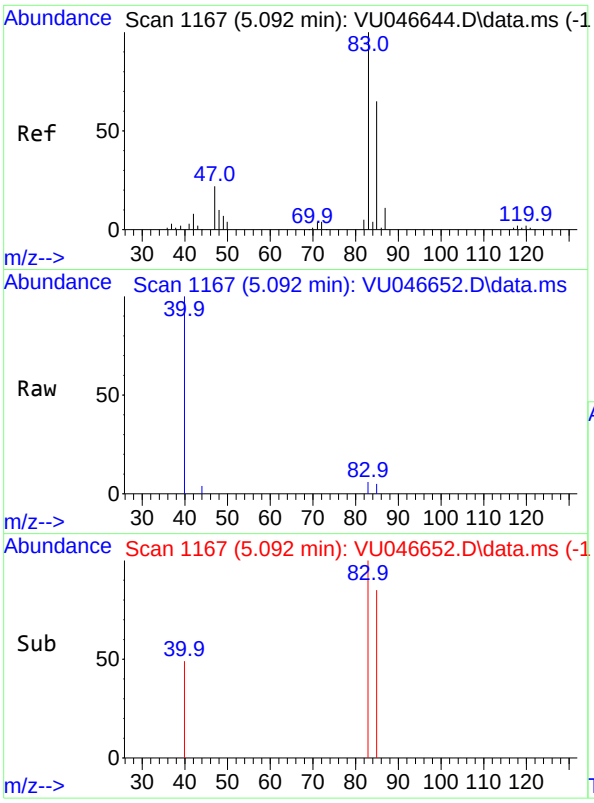


#25
Methyl tert-Butyl Ether
Concen: 0.171 ug/l
RT: 3.366 min Scan# 630
Delta R.T. -0.000 min
Lab File: VU046652.D
Acq: 30 Dec 2021 16:36

Tgt Ion: 73 Resp: 1856

Ion	Ratio	Lower	Upper
73	100		
43	18.0	16.3	24.5



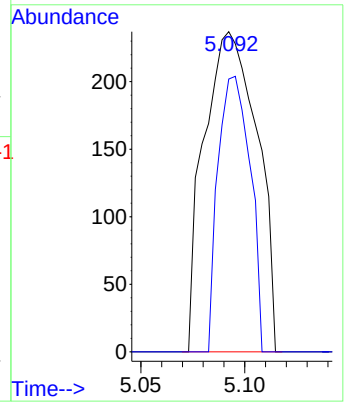


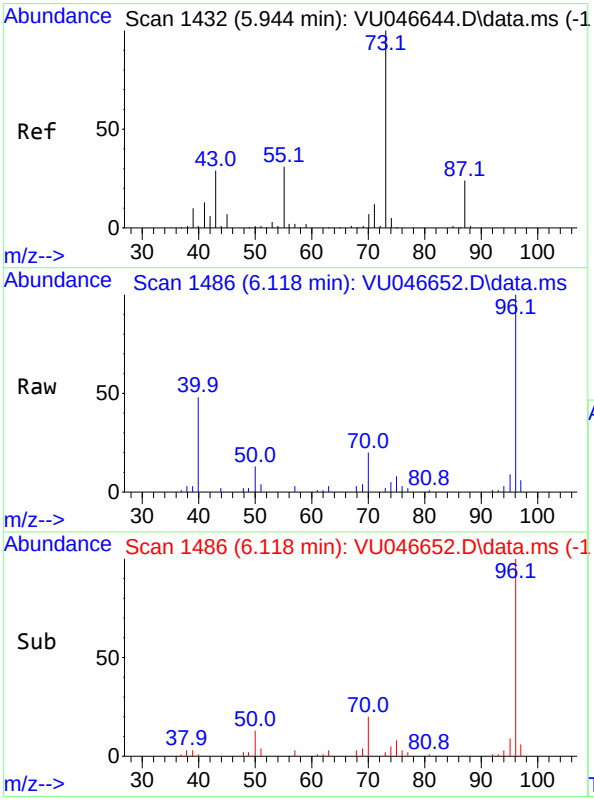
#27
Chloroform
Concen: 0.043 ug/l
RT: 5.092 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU046652.D
Acq: 30 Dec 2021 16:36

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 420

Ion	Ratio	Lower	Upper
83	100		
85	85.2	0.0	129.2

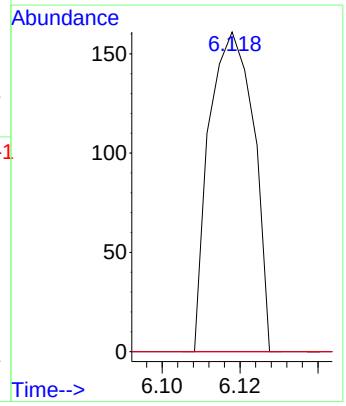


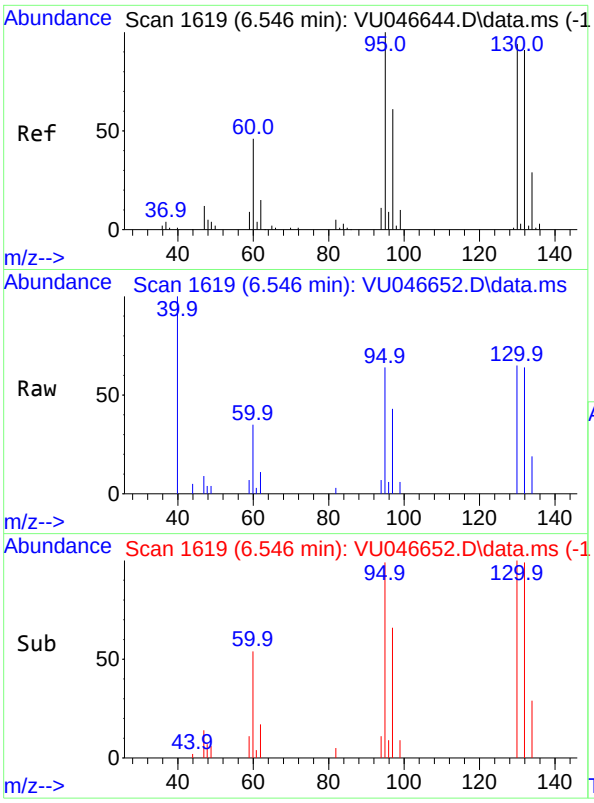


#33
Tert-Amyl methyl ether
Concen: 0.012 ug/l
RT: 6.118 min Scan# 1486
Delta R.T. 0.174 min
Lab File: VU046652.D
Acq: 30 Dec 2021 16:36

Tgt Ion: 73 Resp: 128

Ion	Ratio	Lower	Upper
73	100		
87	0.0	18.6	28.0#
71	0.0	9.0	13.6#



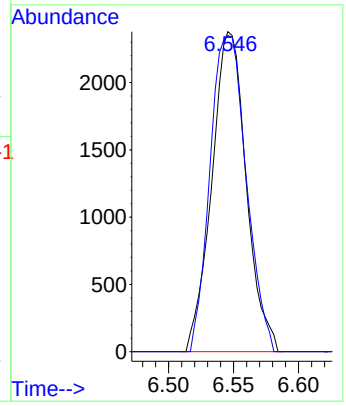


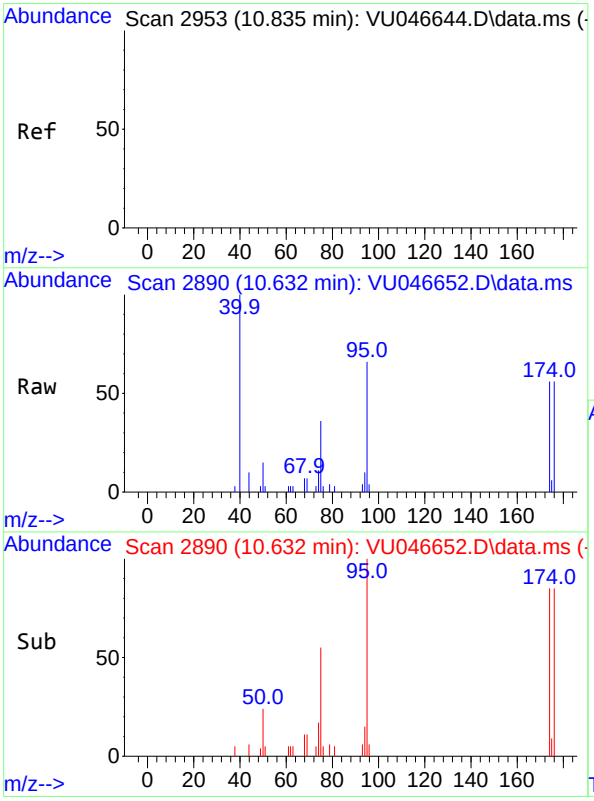
#37
Trichloroethene
Concen: 0.907 ug/l
RT: 6.546 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU046652.D
Acq: 30 Dec 2021 16:36

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:130 Resp: 4374

Ion	Ratio	Lower	Upper
130	100		
95	98.8	83.8	125.8

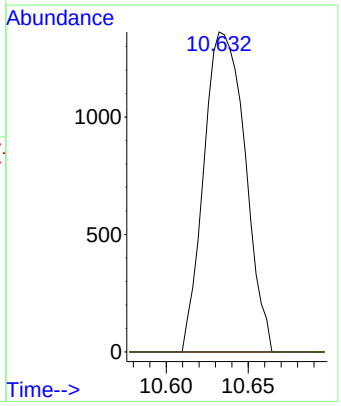


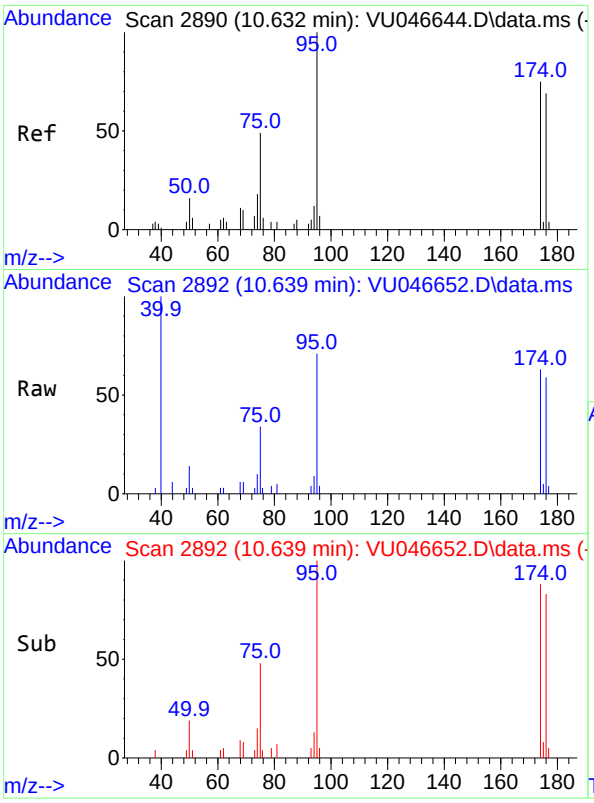


#46
t-1,4-Dichloro-2-butene
Concen: 1.395 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.203 min
Lab File: VU046652.D
Acq: 30 Dec 2021 16:36

Tgt Ion: 75 Resp: 2379

Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.8	100.2#
89	0.0	41.7	62.5#
88	0.0	32.3	48.5#



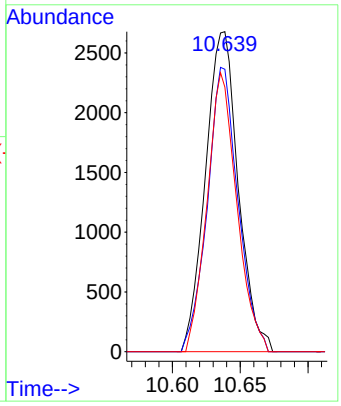


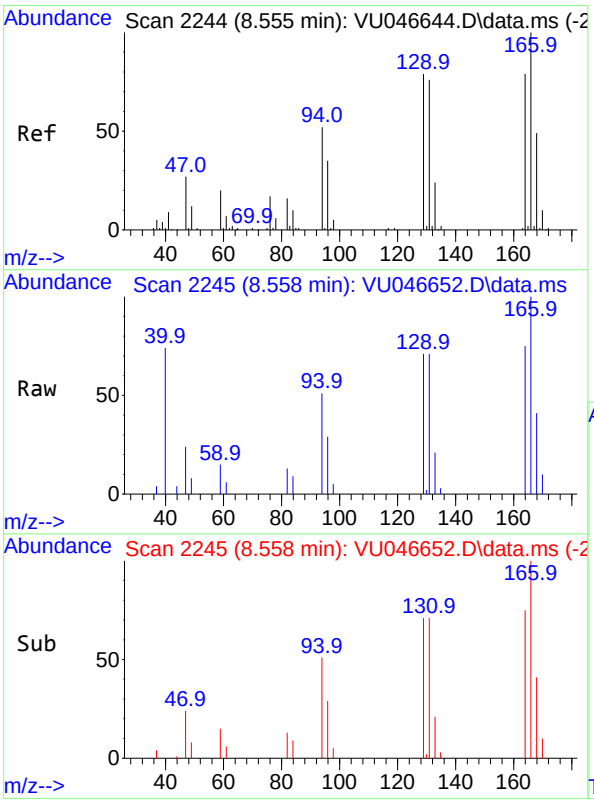
#57
4-Bromofluorobenzene
Concen: 0.752 ug/l
RT: 10.639 min Scan# 2
Delta R.T. 0.007 min
Lab File: VU046652.D
Acq: 30 Dec 2021 16:36

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 4514

Ion	Ratio	Lower	Upper
95	100		
174	83.0	56.6	84.8
176	79.0	54.3	81.5

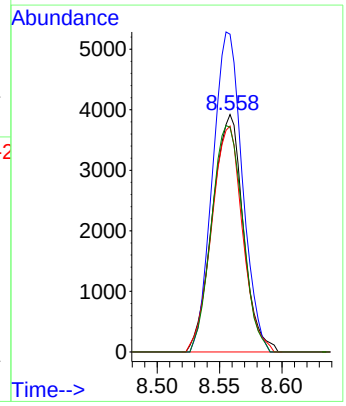


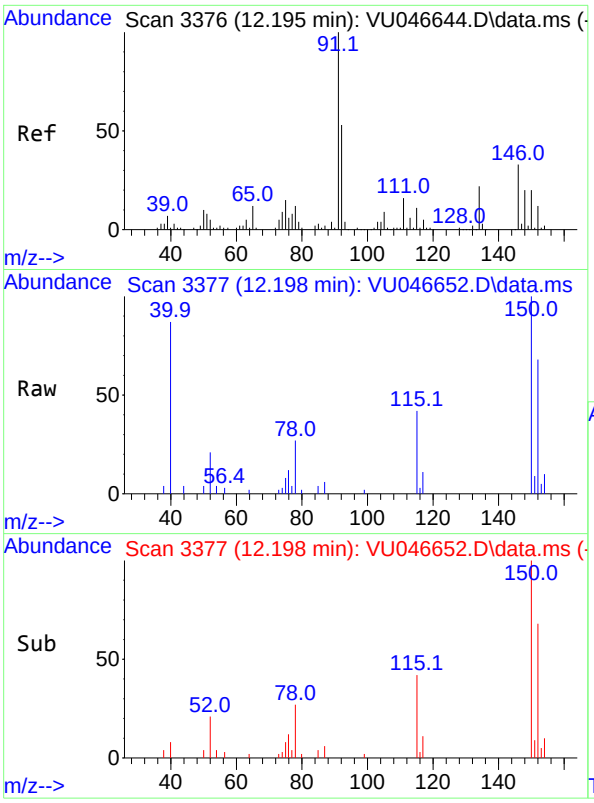


#58
Tetrachloroethene
Concen: 1.587 ug/l
RT: 8.558 min Scan# 2245
Delta R.T. 0.003 min
Lab File: VU046652.D
Acq: 30 Dec 2021 16:36

Tgt Ion:164 Resp: 6767

Ion	Ratio	Lower	Upper
164	100		
166	133.8	102.0	153.0
129	95.1	77.1	115.7
131	94.6	75.8	113.6



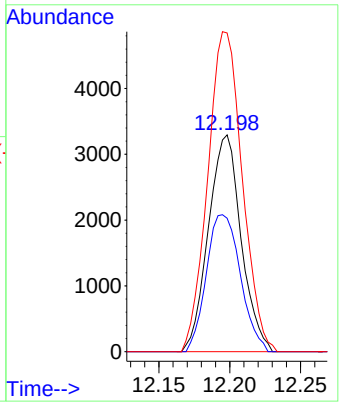


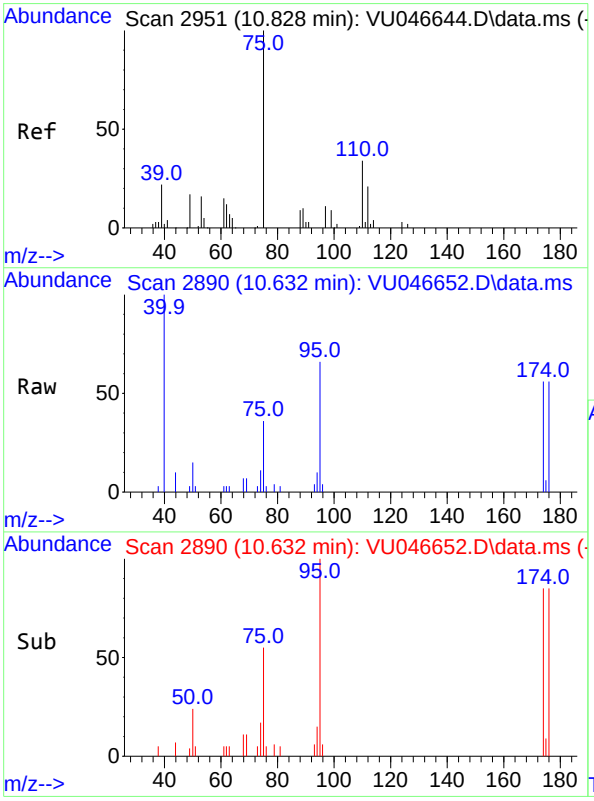
#68
1,2-Dichlorobenzene-d4
Concen: 0.815 ug/l
RT: 12.198 min Scan# 3
Delta R.T. 0.003 min
Lab File: VU046652.D
Acq: 30 Dec 2021 16:36

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:152 Resp: 5298

Ion	Ratio	Lower	Upper
152	100		
115	65.7	0.0	251.0
150	155.9	0.0	613.8

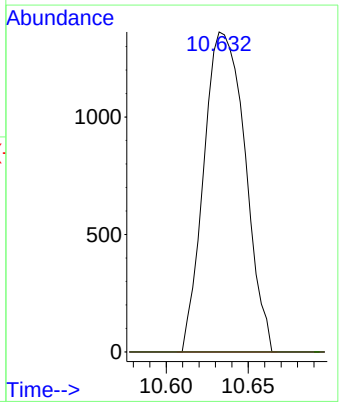


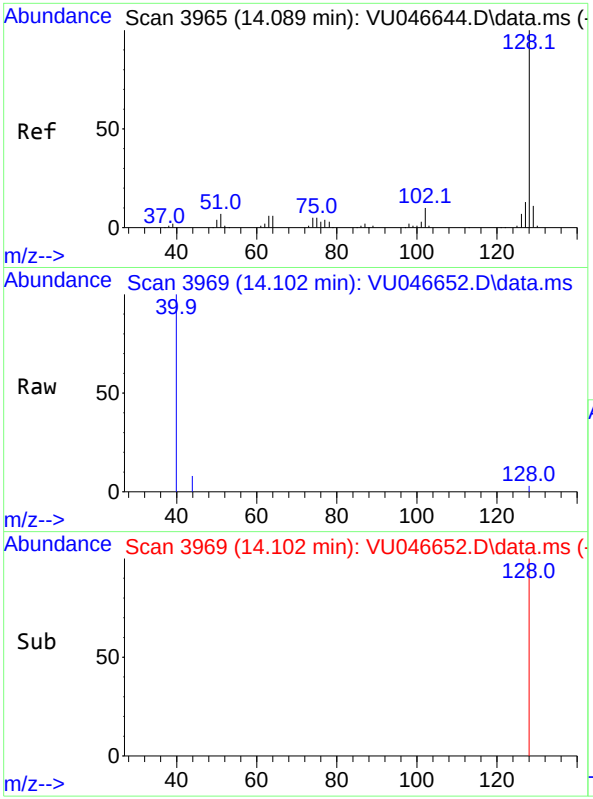


#71
1,2,3-Trichloropropane
Concen: 0.676 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.196 min
Lab File: VU046652.D
Acq: 30 Dec 2021 16:36

Tgt Ion: 75 Resp: 2379

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	105.6
110	0.0	0.0	71.2
97	0.0	0.0	36.8





#89
Naphthalene
Concen: 0.068 ug/l
RT: 14.102 min Scan# 3
Delta R.T. 0.013 min
Lab File: VU046652.D
Acq: 30 Dec 2021 16:36

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 43

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	16.0#
129	0.0	8.6	13.0#