Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122120\
Data File : VU041696.D
Acq On : 21 Dec 2020 13:16
Operator : SY/MD
Sample : L5142-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETZC0

Quant Time: Dec 22 02:51:24 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 22 02:49:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	134174	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	136281	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	63248	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	40731	3.88	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 77.60%			
7) Chloroethane-d5	1.92	69	36691	4.52	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 90.40%			
11) 1,1-Dichloroethene-d2	2.58	63	57581	2.98	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 59.60%#			
20) 2-Butanone-d5	4.65	46	160086	53.13	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 106.26%			
24) Chloroform-d	5.08	84	86425	4.81	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.20%			
26) 1,2-Dichloroethane-d4	5.72	65	51629	5.06	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.20%			
32) Benzene-d6	5.74	84	164684	4.22	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.40%			
36) 1,2-Dichloropropane-d6	6.70	67	55243	4.51	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 90.20%			
41) Toluene-d8	7.90	98	141024	4.00	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 80.00%			
43) trans-1,3-Dichloropropene-	8.18	79	20136	3.66	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 73.20%			
46) 2-Hexanone-d5	8.64	63	135749	45.14	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 90.28%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	52776	4.75	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.00%			
64) 1,2-Dichlorobenzene-d4	12.19	152	56108	4.99	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 99.80%			
Target Compounds						Qvalue
5) Vinyl chloride	1.61	62	433	0.036	ug/L #	1
8) Chloroethane	1.95	64	268	0.032	ug/L #	44
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	527	0.057	ug/L #	22
12) 1,1-Dichloroethene	2.58	96	578	0.064	ug/L #	1
35) Methylcyclohexane	6.70	83	13477	0.761	ug/L #	19
37) 1,2-Dichloropropane	6.70	63	5567	0.499	ug/L #	88
48) 2-Hexanone	8.69	43	4535	0.786	ug/L #	91
59) 1,2,3-Trichloropropane	11.81	75	7416	0.886	ug/L	100
63) 1,4-Dichlorobenzene	11.83	146	1220	0.063	ug/L #	82
65) 1,2-Dichlorobenzene	12.20	146	2672	0.141	ug/L	94
66) 1,2-Dibromo-3-chloropropan	13.20	75	186	0.105	ug/L #	8
67) 1,3,5-Trichlorobenzene	13.21	180	1337	0.091	ug/L #	96
70) 1,2,3-Trichlorobenzene	14.32	180	3275	0.279	ug/L	95

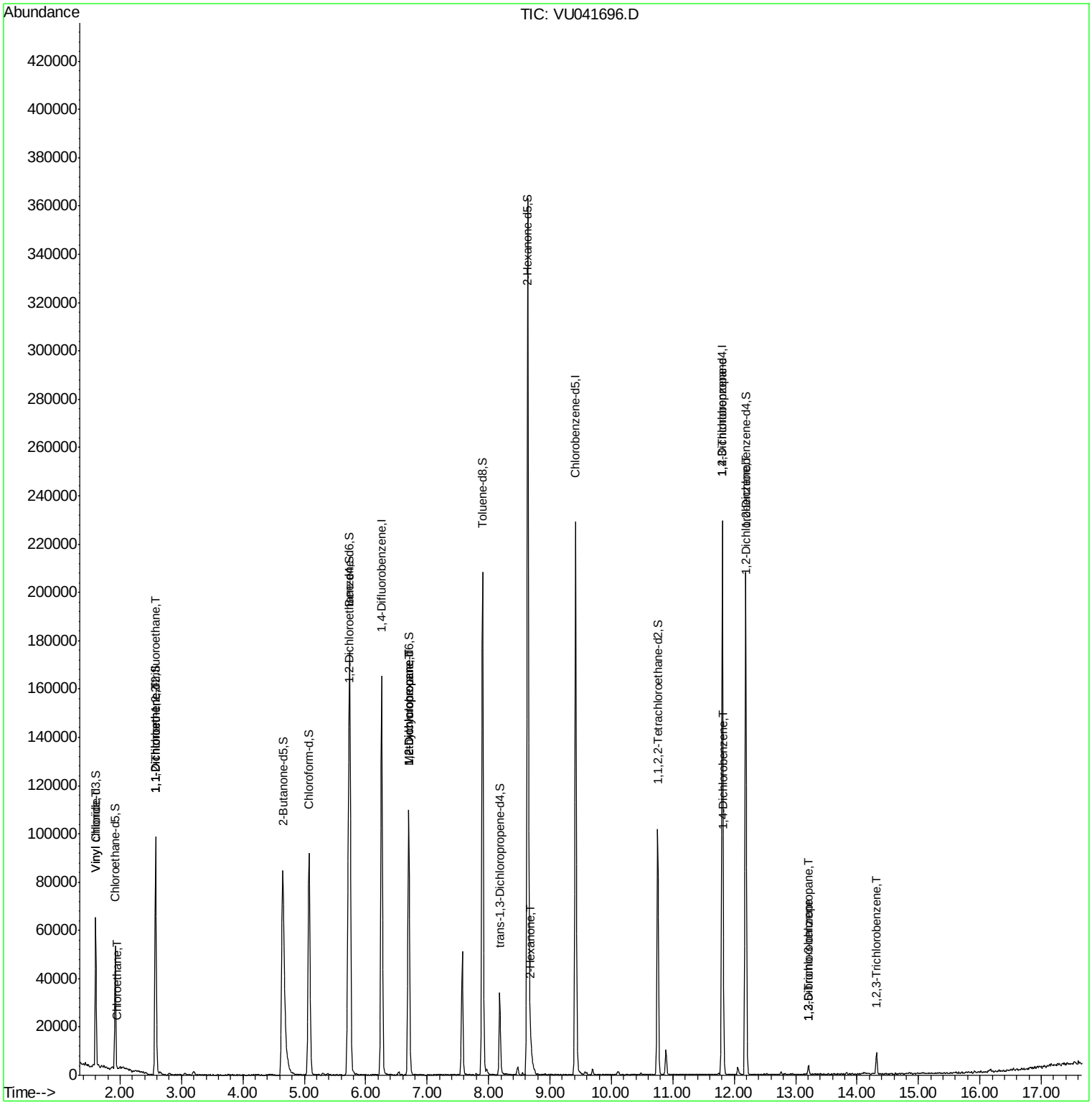
(#) = qualifier out of range (m) = manual integration (+) = signals summed

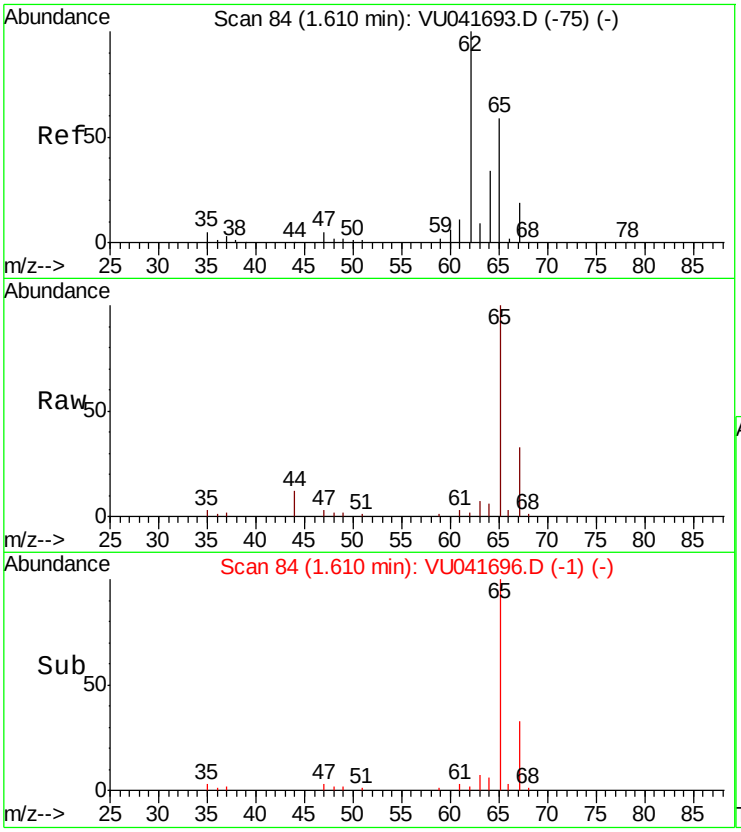
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122120\
Data File : VU041696.D
Acq On : 21 Dec 2020 13:16
Operator : SY/MD
Sample : L5142-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETZC0

Quant Time: Dec 22 02:51:24 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 22 02:49:59 2020
Response via : Initial Calibration



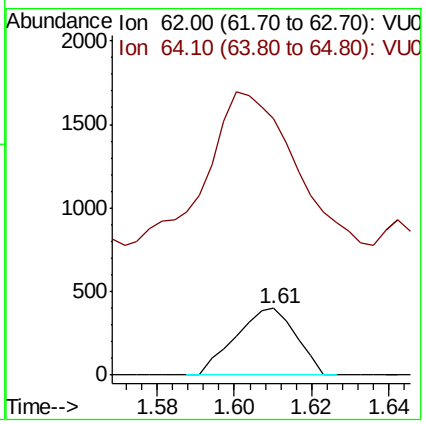


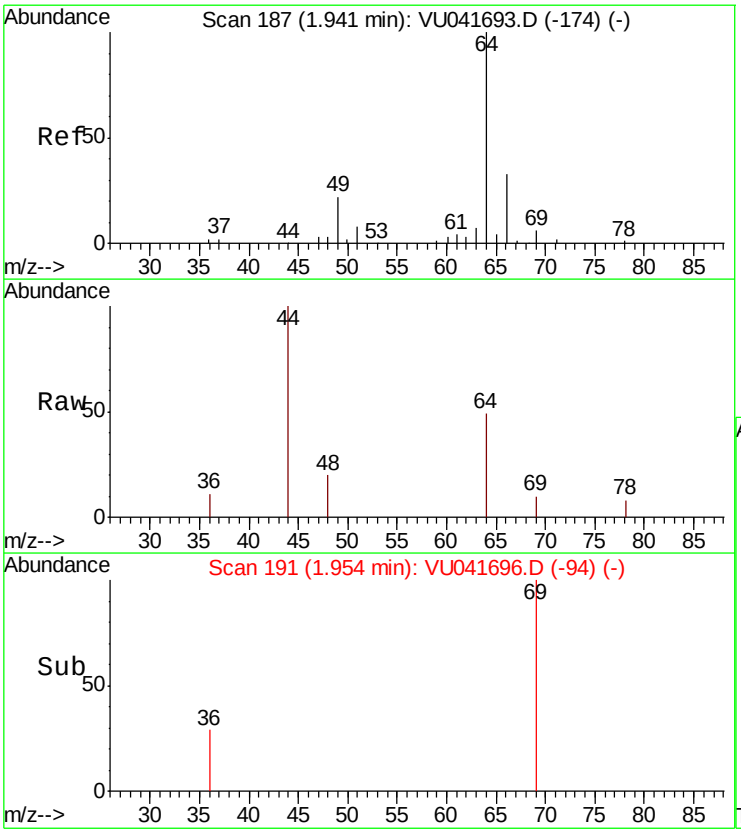
#5
Vinyl chloride
Concen: 0.036 ug/L
RT: 1.61 min Scan# 84
Delta R.T. -0.00 min
Lab File: VU041696.D
Acq: 21 Dec 2020 13:16

Instrument :
MSVOA_U
ClientSampleId :
ETZC0

Tgt Ion: 62 Resp: 433

Ion	Ratio	Lower	Upper
62	100		
64	384.9	22.5	41.7#

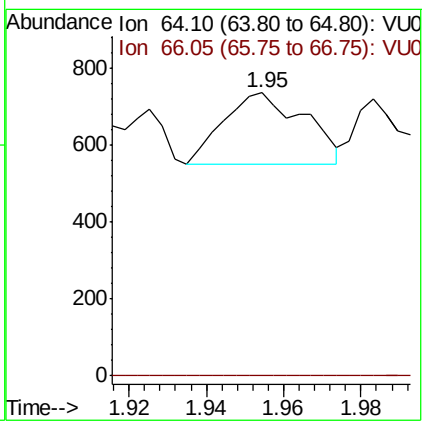


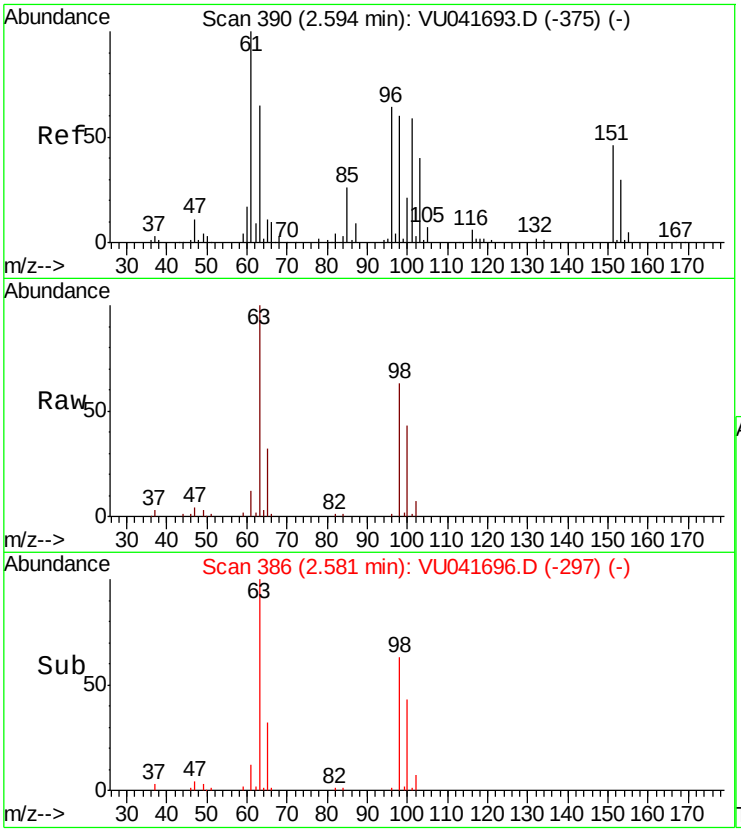


#8
Chloroethane
Concen: 0.032 ug/L
RT: 1.95 min Scan# 191
Delta R.T. 0.01 min
Lab File: VU041696.D
Acq: 21 Dec 2020 13:16

Tgt Ion: 64 Resp: 268

Ion	Ratio	Lower	Upper
64	100		
66	0.0	21.6	40.0#



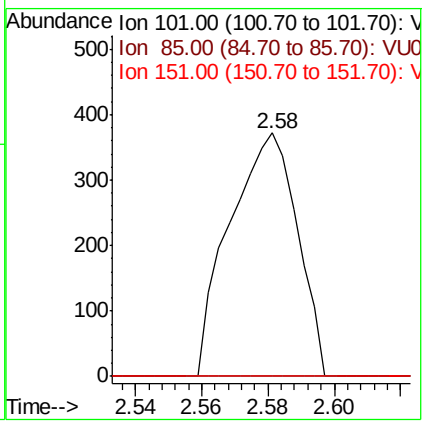


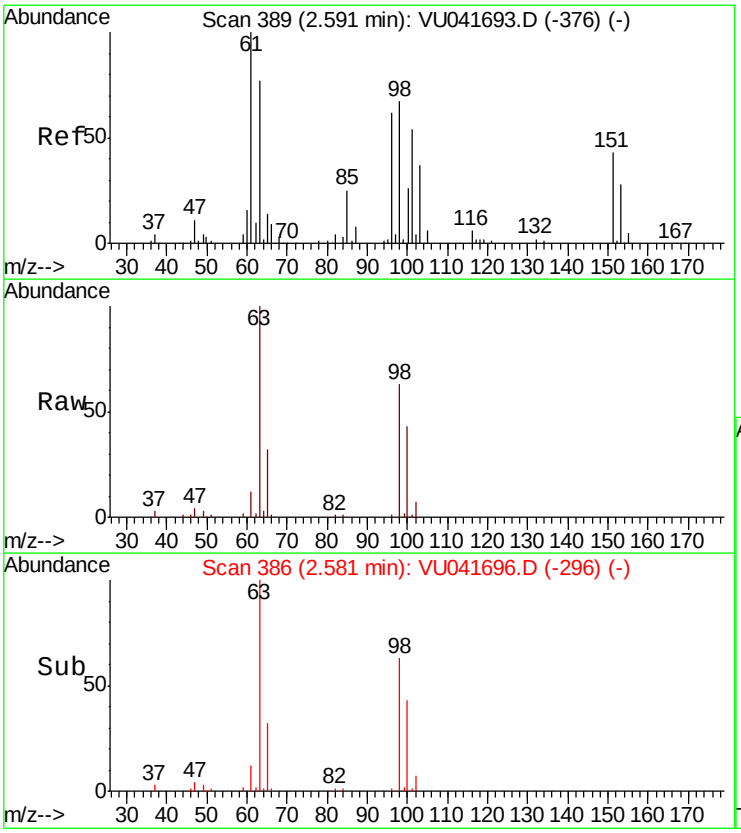
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.057 ug/L
RT: 2.58 min Scan# 386
Delta R.T. -0.01 min
Lab File: VU041696.D
Acq: 21 Dec 2020 13:16

Instrument : MSVOA_U
ClientSampleId : ETZC0

Tgt Ion:101 Resp: 527

Ion	Ratio	Lower	Upper
101	100		
85	0.0	33.6	50.4#
151	0.0	56.2	84.4#

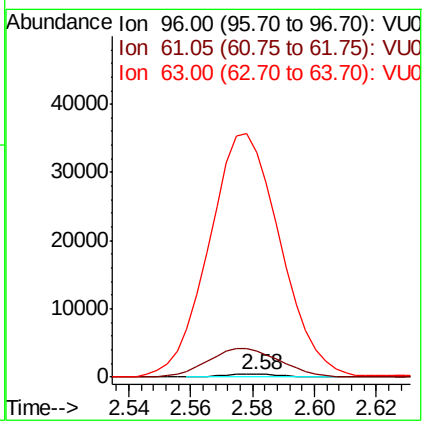


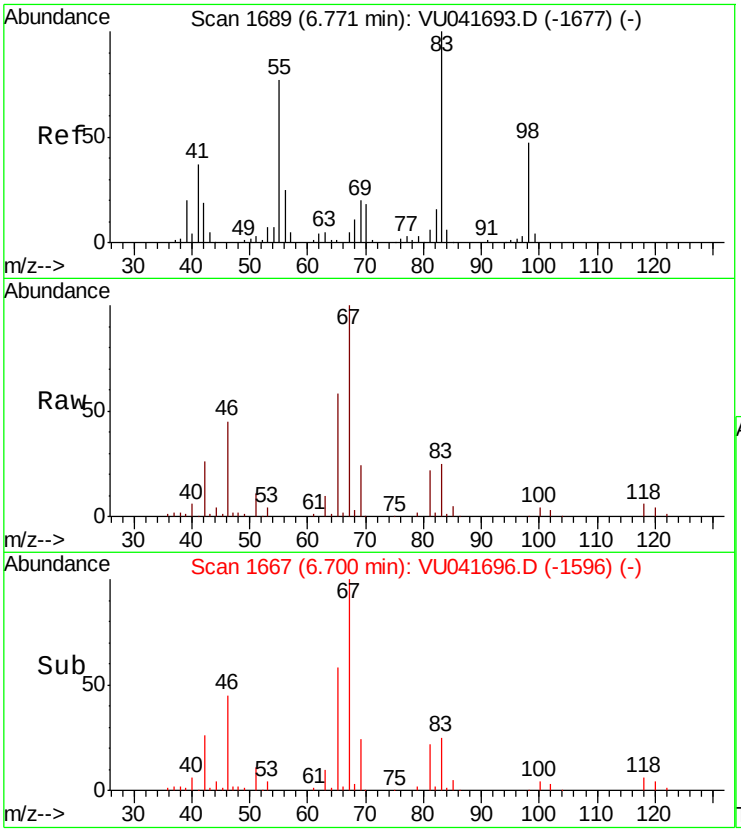


#12
1,1-Dichloroethene
Concen: 0.064 ug/L
RT: 2.58 min Scan# 386
Delta R.T. -0.01 min
Lab File: VU041696.D
Acq: 21 Dec 2020 13:16

Tgt Ion: 96 Resp: 578

Ion	Ratio	Lower	Upper
96	100		
61	1006.0	123.8	230.0#
63	8567.3	81.0	150.4#



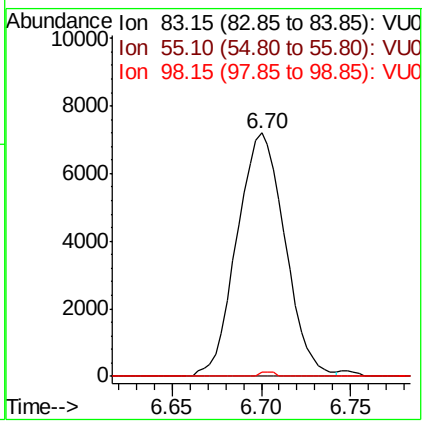


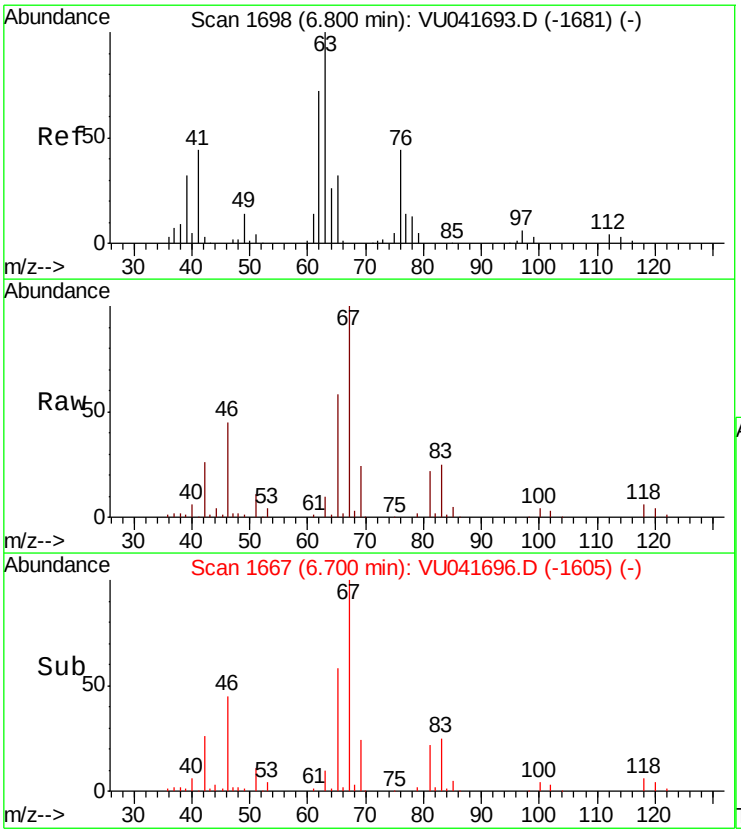
#35
Methylcyclohexane
Concen: 0.761 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU041696.D
Acq: 21 Dec 2020 13:16

Instrument : MSVOA_U
ClientSampleId : ETZC0

Tgt Ion: 83 Resp: 13477

Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.2	91.8#
98	0.5	36.6	54.8#

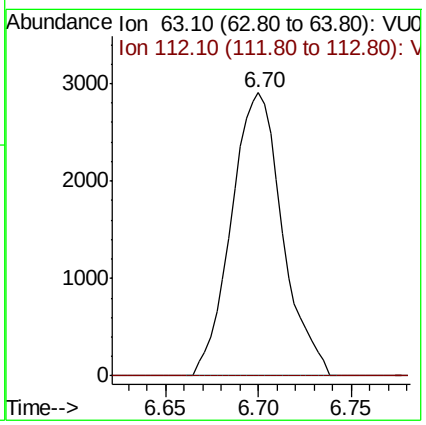


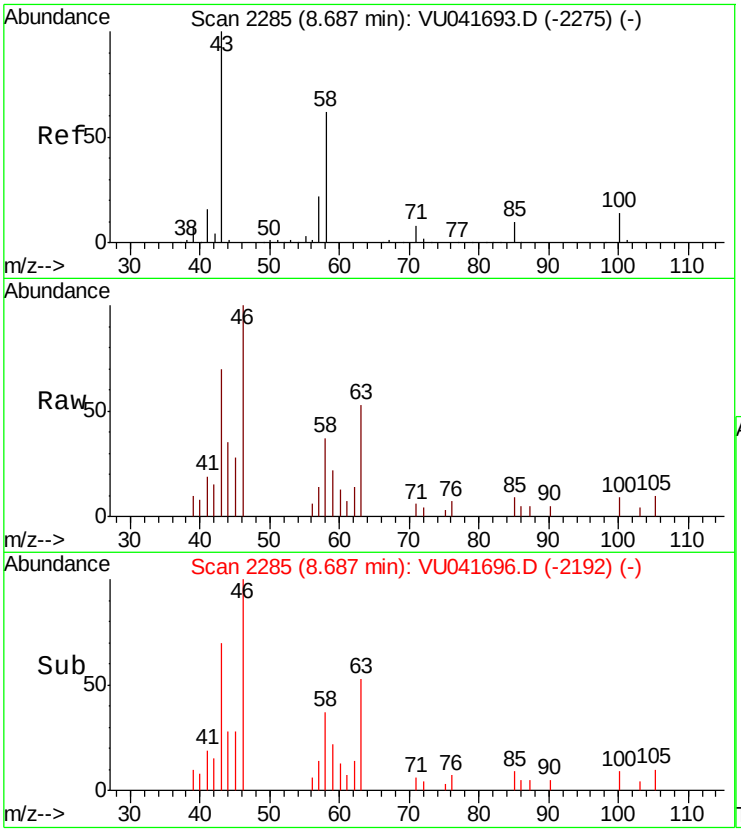


#37
1,2-Dichloropropane
Concen: 0.499 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.10 min
Lab File: VU041696.D
Acq: 21 Dec 2020 13:16

Tgt Ion: 63 Resp: 5567

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#



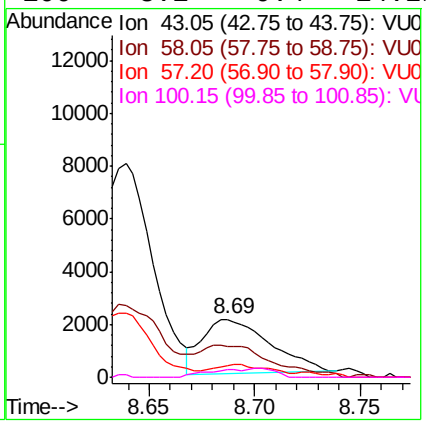


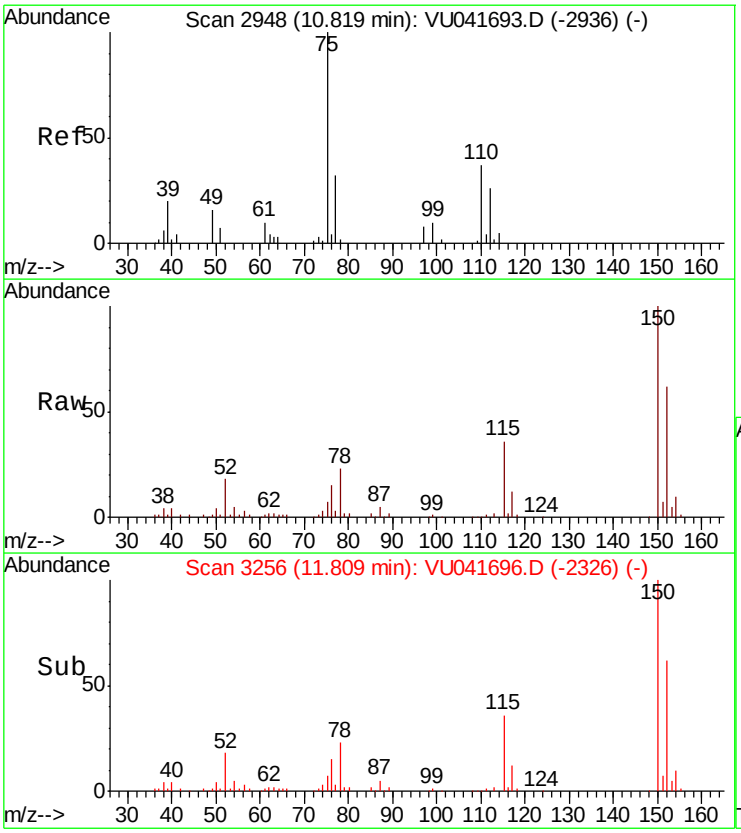
#48
2-Hexanone
Concen: 0.786 ug/L
RT: 8.69 min Scan# 2285
Delta R.T. -0.00 min
Lab File: VU041696.D
Acq: 21 Dec 2020 13:16

Instrument :
MSVOA_U
ClientSampleId :
ETZC0

Tgt Ion: 43 Resp: 4535

Ion	Ratio	Lower	Upper
43	100		
58	64.5	47.9	71.9
57	12.2	16.5	24.7#
100	8.1	9.4	14.2#

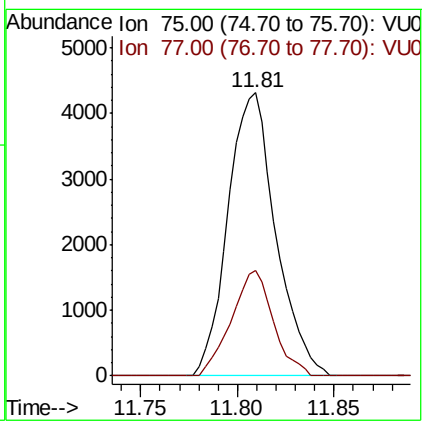


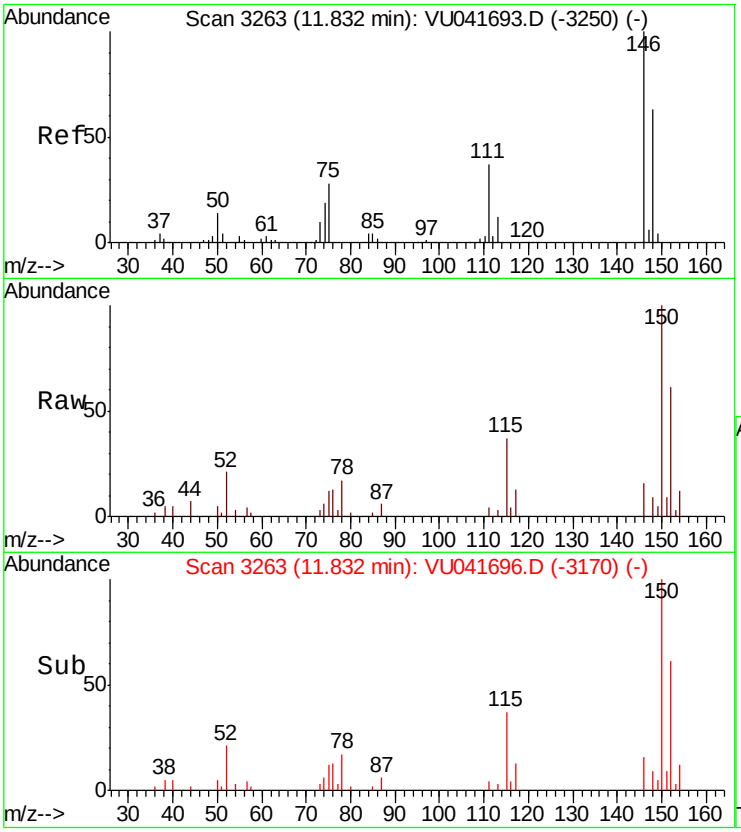


#59
1,2,3-Trichloropropane
Concen: 0.886 ug/L
RT: 11.81 min Scan# 3256
Delta R.T. 0.99 min
Lab File: VU041696.D
Acq: 21 Dec 2020 13:16

Tgt Ion: 75 Resp: 7416

Ion	Ratio	Lower	Upper
75	100		
77	32.6	26.2	39.2



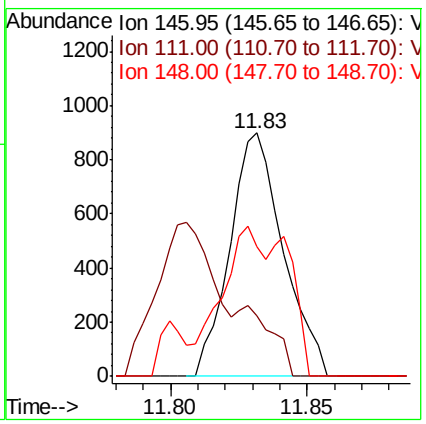


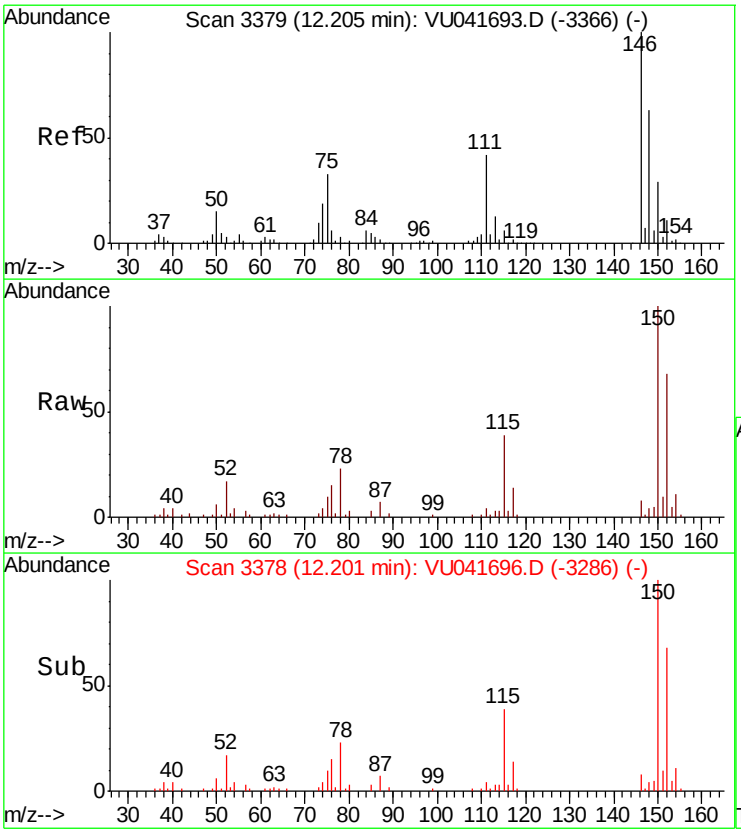
#63
1,4-Dichlorobenzene
Concen: 0.063 ug/L
RT: 11.83 min Scan# 3263
Delta R.T. -0.00 min
Lab File: VU041696.D
Acq: 21 Dec 2020 13:16

Instrument :
MSVOA_U
ClientSampleId :
ETZC0

Tgt Ion:146 Resp: 1220

Ion	Ratio	Lower	Upper
146	100		
111	24.8	27.9	51.9#
148	53.1	45.0	83.6

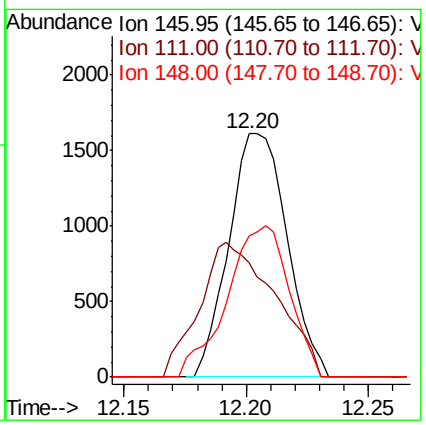


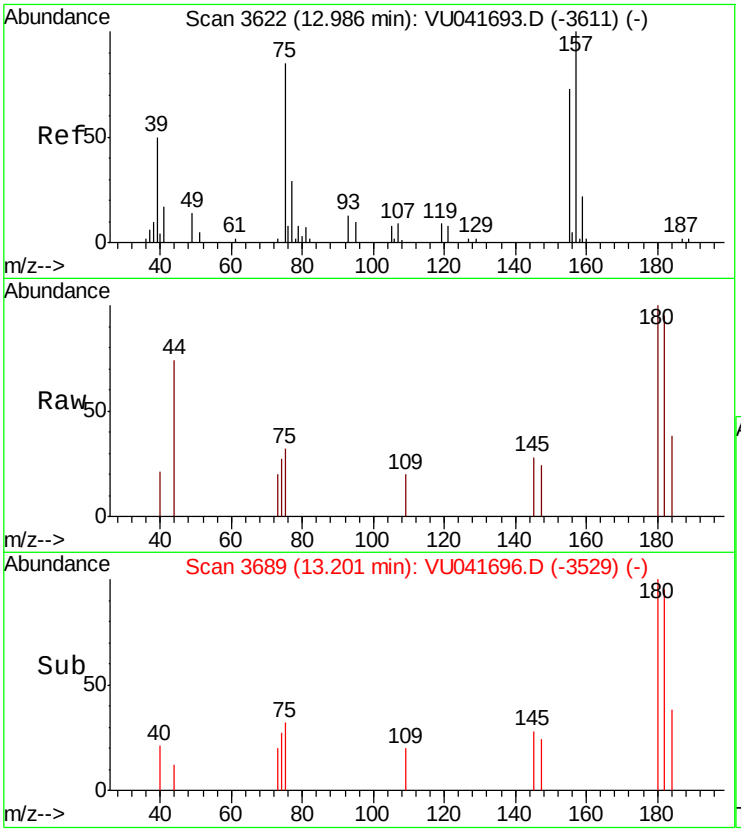


#65
1,2-Dichlorobenzene
Concen: 0.141 ug/L
RT: 12.20 min Scan# 3378
Delta R.T. -0.00 min
Lab File: VU041696.D
Acq: 21 Dec 2020 13:16

Tgt Ion:146 Resp: 2672

Ion	Ratio	Lower	Upper
146	100		
111	46.9	35.0	52.6
148	57.8	51.0	76.6



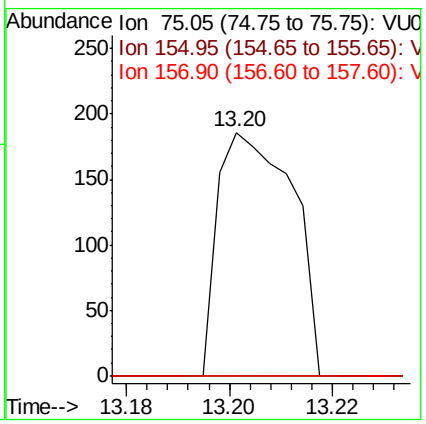


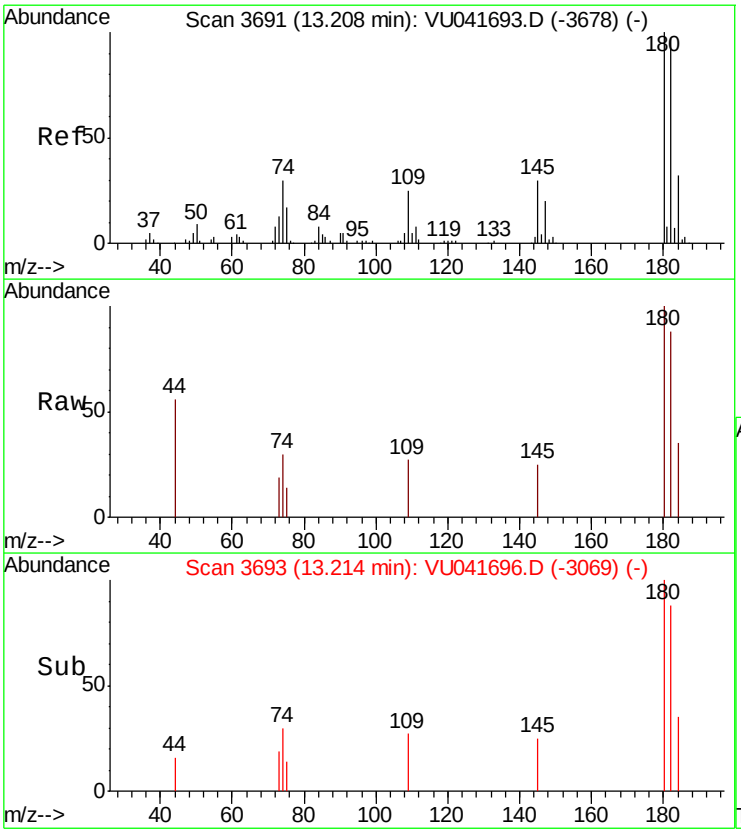
#66
1,2-Dibromo-3-chloropropane
Concen: 0.105 ug/L
RT: 13.20 min Scan# 3689
Delta R.T. 0.22 min
Lab File: VU041696.D
Acq: 21 Dec 2020 13:16

Instrument :
MSVOA_U
ClientSampleId :
ETZC0

Tgt Ion: 75 Resp: 186

Ion	Ratio	Lower	Upper
75	100		
155	0.0	57.4	86.0#
157	0.0	72.4	108.6#

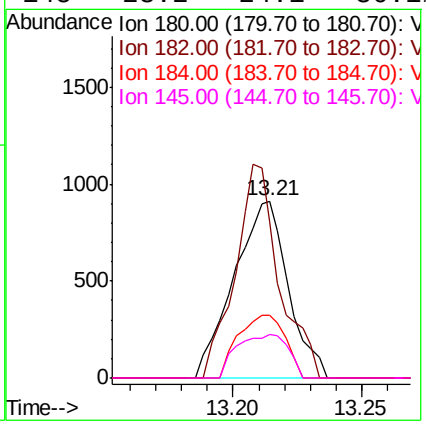


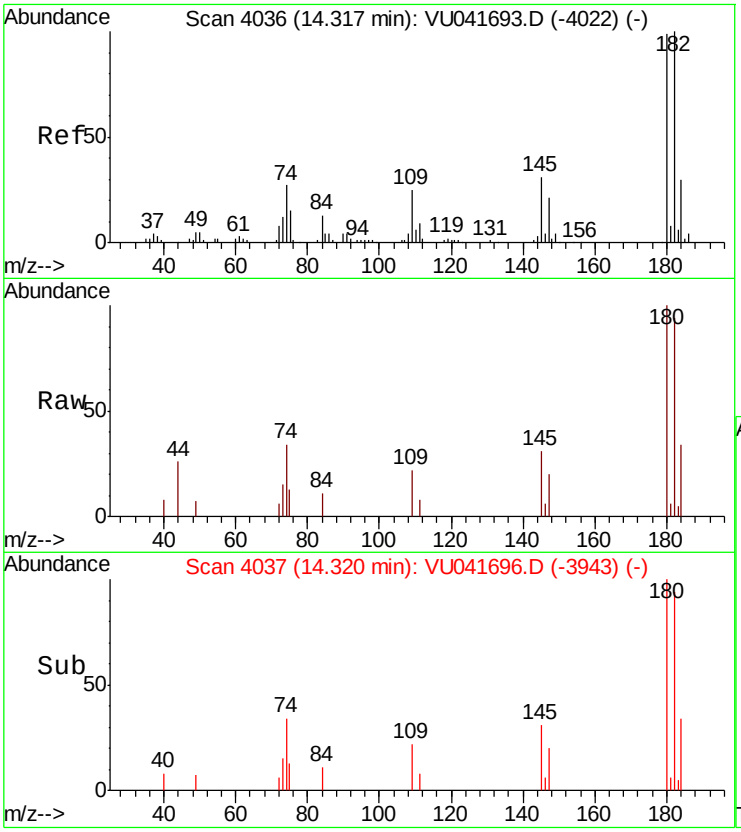


#67
1,3,5-Trichlorobenzene
Concen: 0.091 ug/L
RT: 13.21 min Scan# 3693
Delta R.T. 0.01 min
Lab File: VU041696.D
Acq: 21 Dec 2020 13:16

Tgt Ion:180 Resp: 1337

Ion	Ratio	Lower	Upper
180	100		
182	97.6	76.3	114.5
184	30.7	24.1	36.1
145	23.2	24.1	36.1#





#70
1,2,3-Trichlorobenzene
Concen: 0.279 ug/L
RT: 14.32 min Scan# 4037
Delta R.T. 0.00 min
Lab File: VU041696.D
Acq: 21 Dec 2020 13:16

Instrument :
MSVOA_U
ClientSampleId :
ETZC0

Tgt Ion:180 Resp: 3275

Ion	Ratio	Lower	Upper
180	100		
182	92.3	77.0	115.4
145	28.1	26.4	39.6