Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101818\
Data File : VU027702.D
Acq On : 18 Oct 2018 16:27
Operator : MD/SY
Sample : J5463-03RE
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0JB4RE

Quant Time: Oct 19 08:15:21 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 19 08:11:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	74920	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	69137	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	34454	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	29999	5.04	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 100.80%			
7) Chloroethane-d5	1.68	69	22768	5.09	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 101.80%			
11) 1,1-Dichloroethene-d2	2.28	63	39069	3.69	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 73.80%			
20) 2-Butanone-d5	4.20	46	81394	48.08	ug/L	-0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 96.16%			
24) Chloroform-d	4.65	84	45537	4.91	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.20%			
26) 1,2-Dichloroethane-d4	5.31	65	25533	4.91	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.20%			
32) Benzene-d6	5.34	84	100649	5.34	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.80%			
36) 1,2-Dichloropropane-d6	6.33	67	33758	5.14	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 102.80%			
41) Toluene-d8	7.57	98	92417	5.07	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.40%			
43) trans-1,3-Dichloropropene-	7.85	79	13457	4.64	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 92.80%			
46) 2-Hexanone-d5	8.31	63	69882	49.20	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 98.40%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	23362	4.56	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 91.20%			
64) 1,2-Dichlorobenzene-d4	11.86	152	32874	5.09	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.80%			
Target Compounds						Qvalue
5) Vinyl chloride	1.40	62	13843	1.893	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	320	0.063	ug/L #	17
12) 1,1-Dichloroethene	2.28	96	524	0.103	ug/L #	1
13) Acetone	2.32	43	1957	1.808	ug/L	95
18) trans-1,2-Dichloroethene	2.98	96	4618	0.857	ug/L	96
22) cis-1,2-Dichloroethene	4.23	96	86755	14.542	ug/L #	95
25) Chloroform	4.67	83	1135	0.110	ug/L	85
33) Benzene	5.39	78	14765	0.653	ug/L	100
34) Trichloroethene	6.19	95	109376	18.676	ug/L	99
35) Methylcyclohexane	6.33	83	7379	0.731	ug/L #	16
37) 1,2-Dichloropropane	6.33	63	3400	0.523	ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	746	0.079	ug/L #	47
40) 4-Methyl-2-pentanone	7.40	43	4002	0.913	ug/L #	45
47) Tetrachloroethene	8.23	164	2040	0.436	ug/L	93
48) 2-Hexanone	8.31	43	7424	2.363	ug/L #	67
49) Dibromochloromethane	8.23	129	2086	0.402	ug/L #	11
59) 1,2,3-Trichloropropane	11.48	75	4176	1.118	ug/L	98

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101818\
Data File : VU027702.D
Acq On : 18 Oct 2018 16:27
Operator : MD/SY
Sample : J5463-03RE
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0JB4RE

Quant Time: Oct 19 08:15:21 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 19 08:11:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101818\
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Acq On : 18 Oct 2018 16:27
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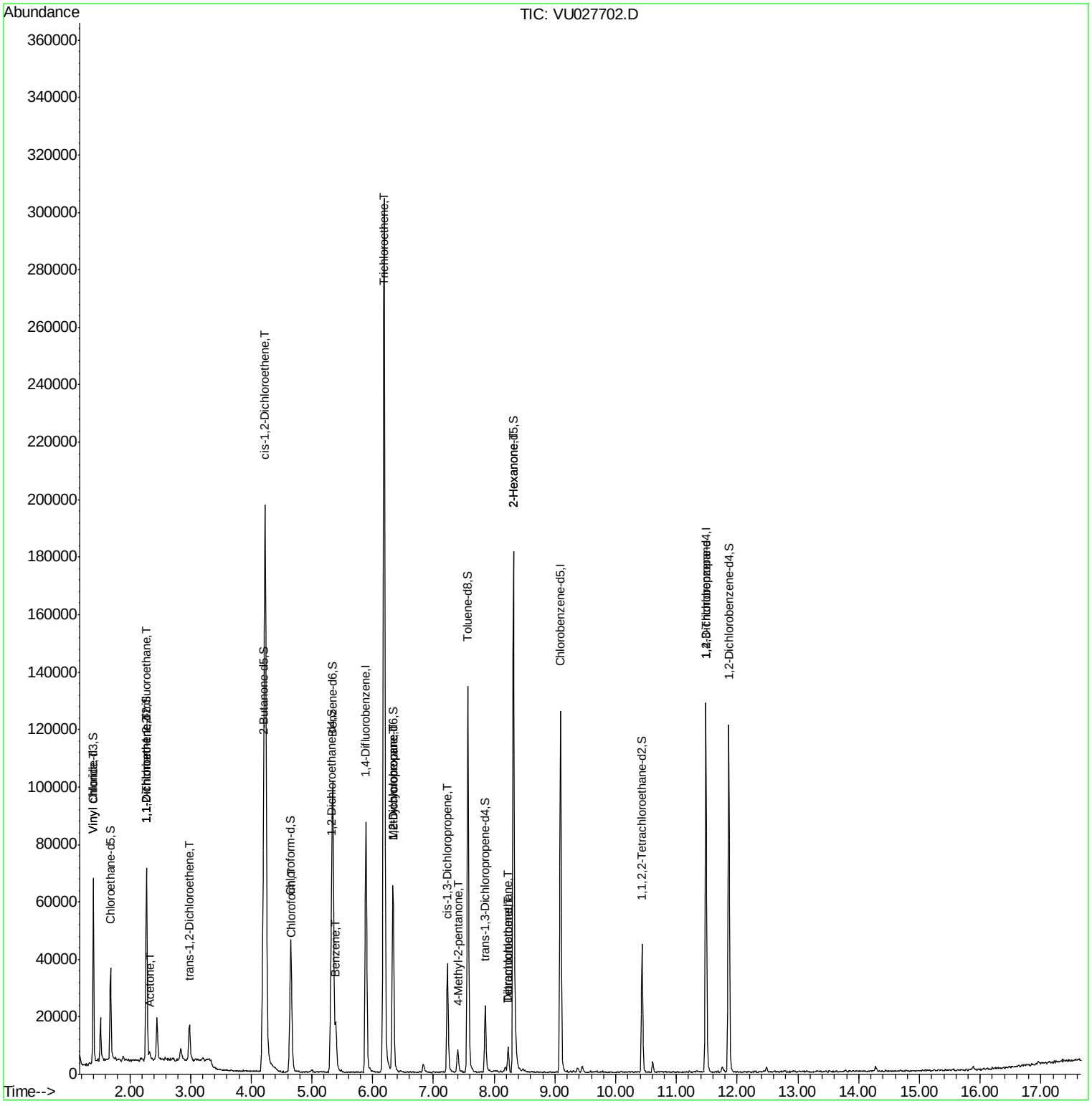
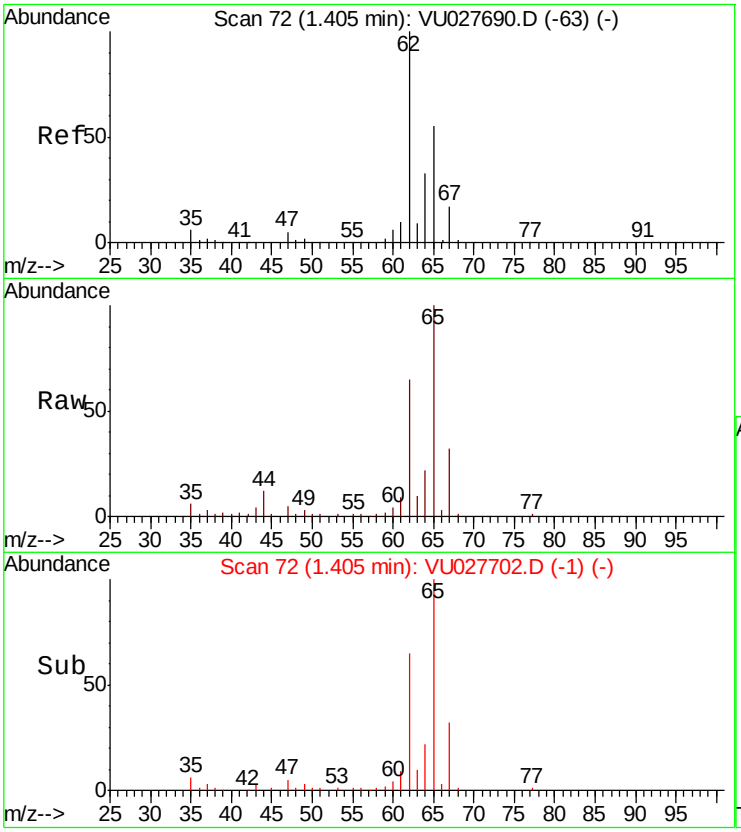
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 19 08:11:17 2018
Response via : Initial Calibration



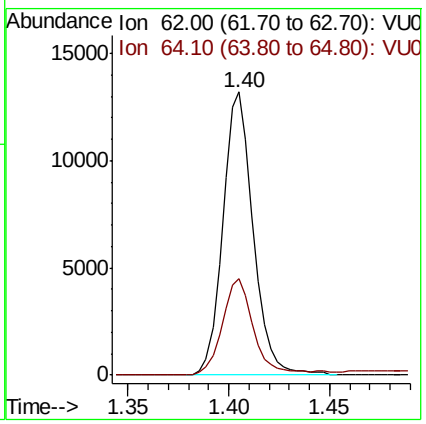


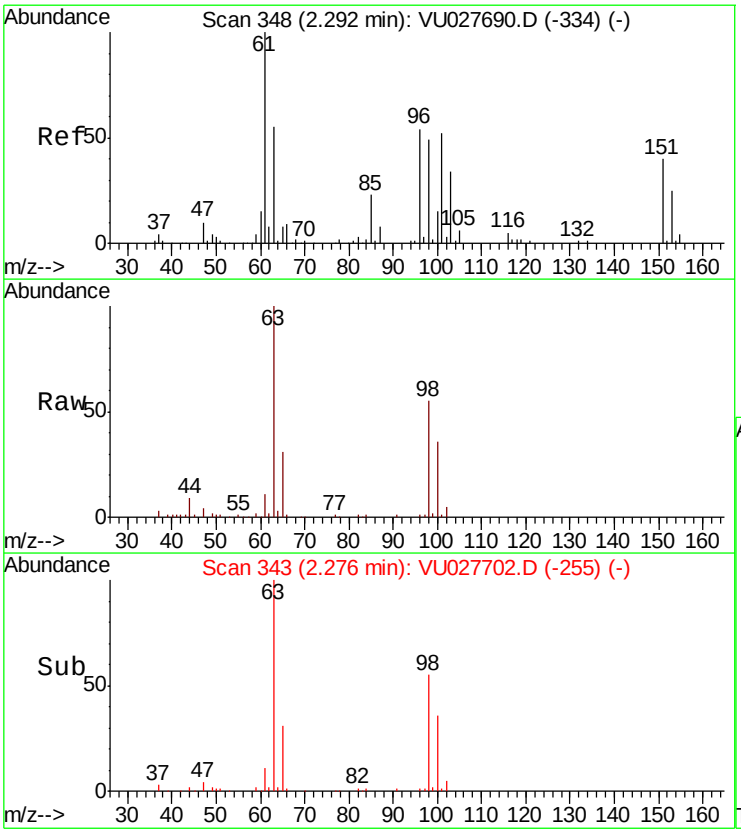
#5
Vinyl chloride
Concen: 1.893 ug/L
RT: 1.40 min Scan# 72
Delta R.T. 0.00 min
Lab File: VU027702.D
Acq: 18 Oct 2018 16:27

Instrument :
MSVOA_U
ClientSampleId :
C0JB4RE

Tgt Ion: 62 Resp: 13843

Ion	Ratio	Lower	Upper
62	100		
64	33.9	22.9	42.5

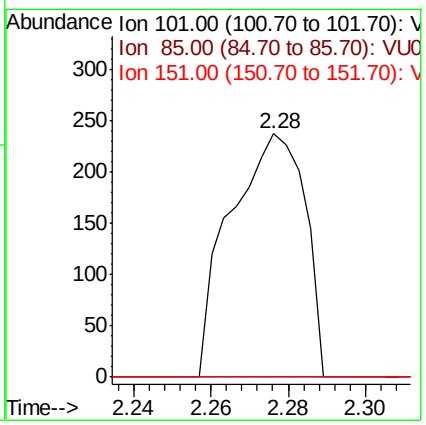


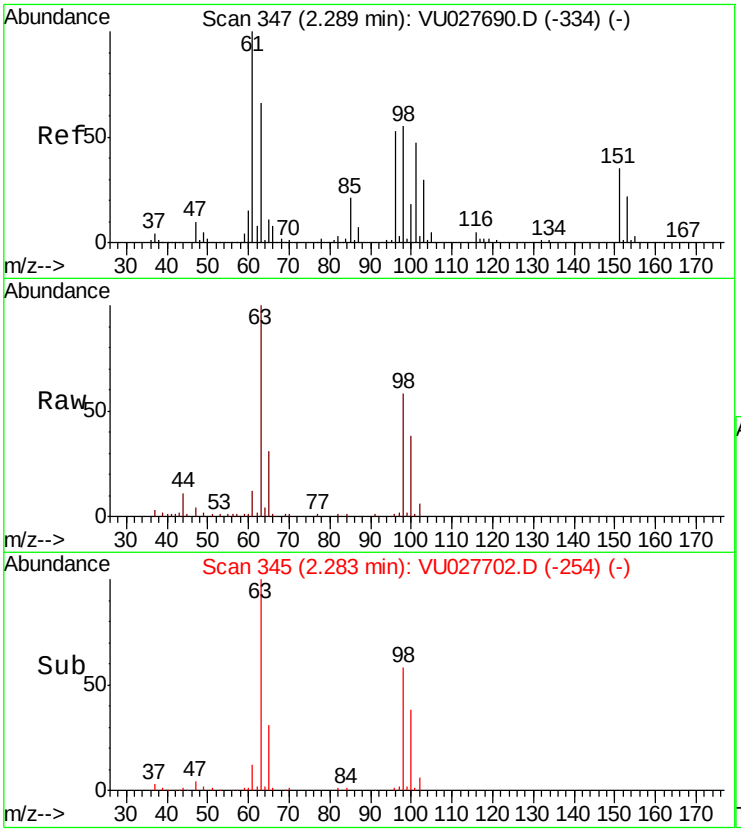


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.063 ug/L
RT: 2.28 min Scan# 343
Delta R.T. -0.02 min
Lab File: VU027702.D
Acq: 18 Oct 2018 16:27

Tgt Ion:101 Resp: 320

Ion	Ratio	Lower	Upper
101	100		
85	0.0	35.6	53.4#
151	0.0	63.8	95.6#



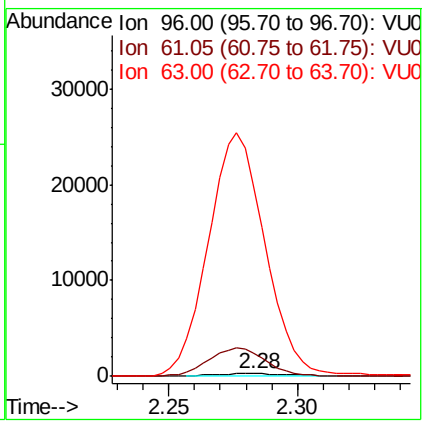


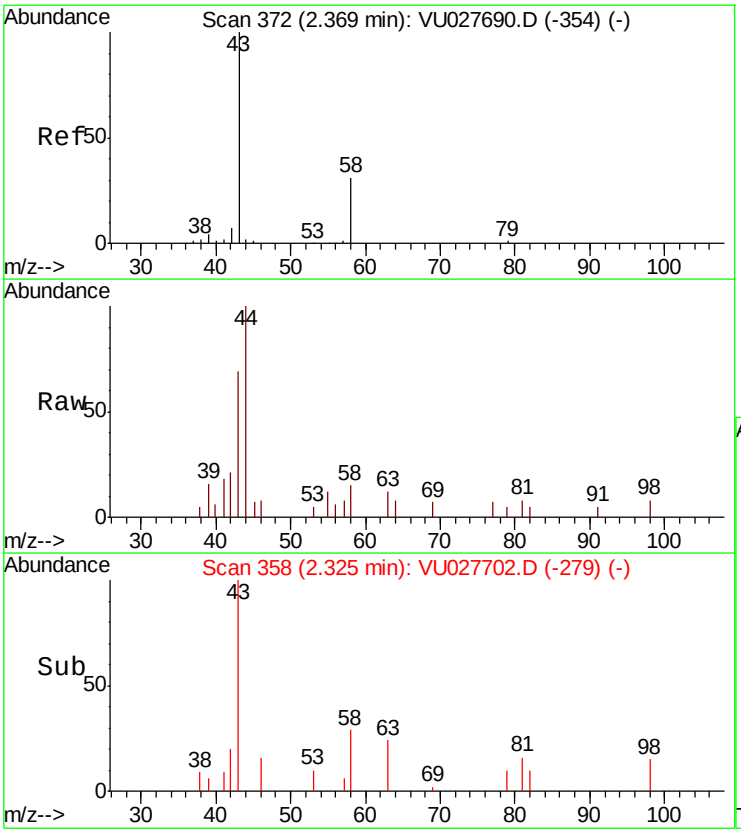
#12
1,1-Dichloroethene
Concen: 0.103 ug/L
RT: 2.28 min Scan# 345
Delta R.T. -0.01 min
Lab File: VU027702.D
Acq: 18 Oct 2018 16:27

Instrument : MSVOA_U
ClientSampleId : C0JB4RE

Tgt Ion: 96 Resp: 524

Ion	Ratio	Lower	Upper
96	100		
61	921.1	125.6	233.2#
63	7562.3	97.6	181.2#

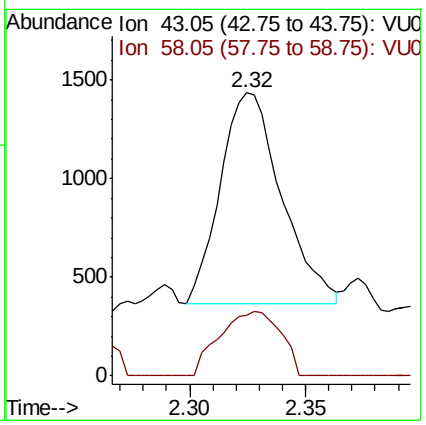


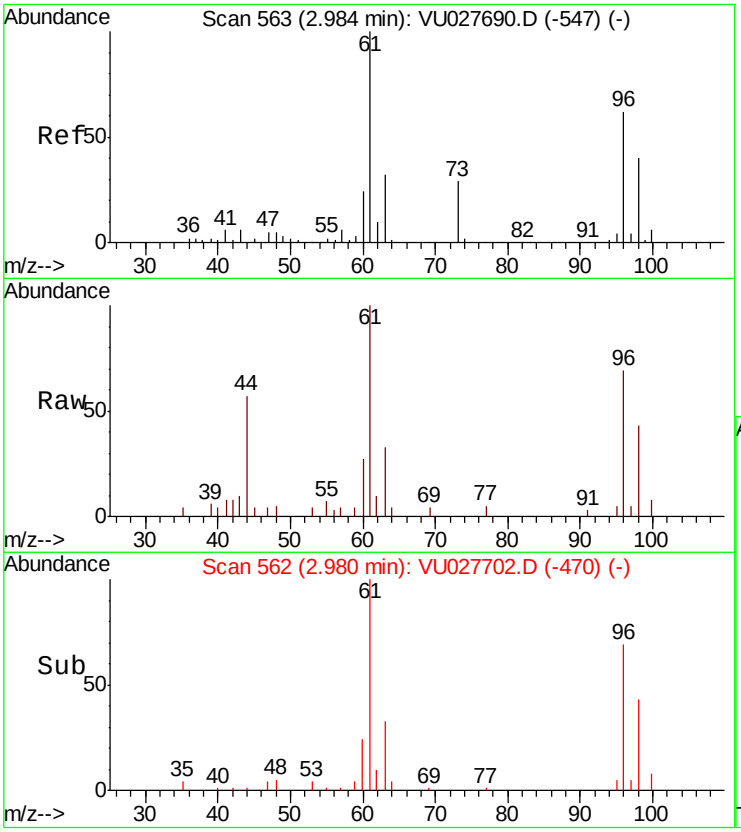


#13
Acetone
Concen: 1.808 ug/L
RT: 2.32 min Scan# 358
Delta R.T. -0.04 min
Lab File: VU027702.D
Acq: 18 Oct 2018 16:27

Tgt Ion: 43 Resp: 1957

Ion	Ratio	Lower	Upper
43	100		
58	30.5	0.0	66.4



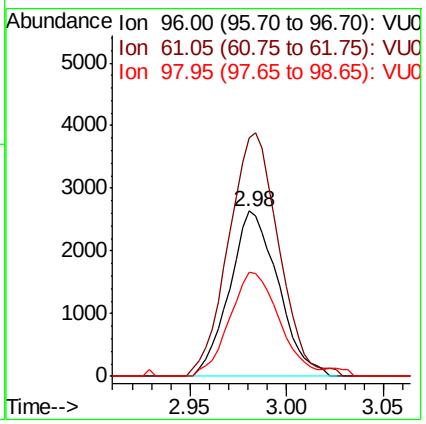


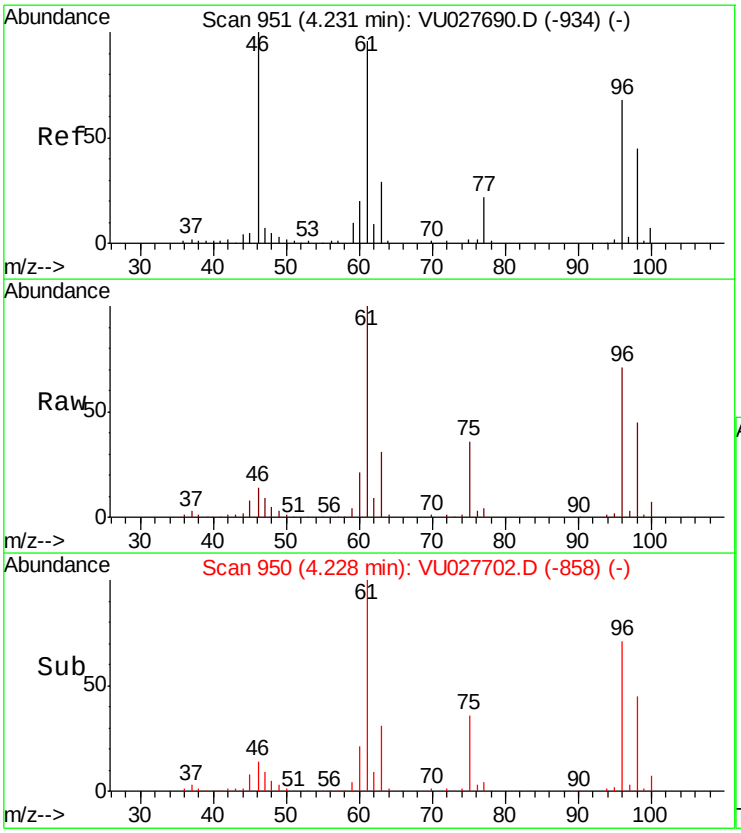
#18
trans-1,2-Dichloroethene
Concen: 0.857 ug/L
RT: 2.98 min Scan# 562
Delta R.T. -0.00 min
Lab File: VU027702.D
Acq: 18 Oct 2018 16:27

Instrument :
MSVOA_U
ClientSampleId :
C0JB4RE

Tgt Ion: 96 Resp: 4618

Ion	Ratio	Lower	Upper
96	100		
61	144.7	105.8	196.4
98	62.8	43.6	81.0

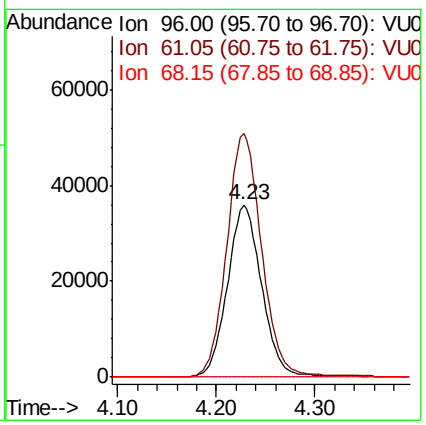


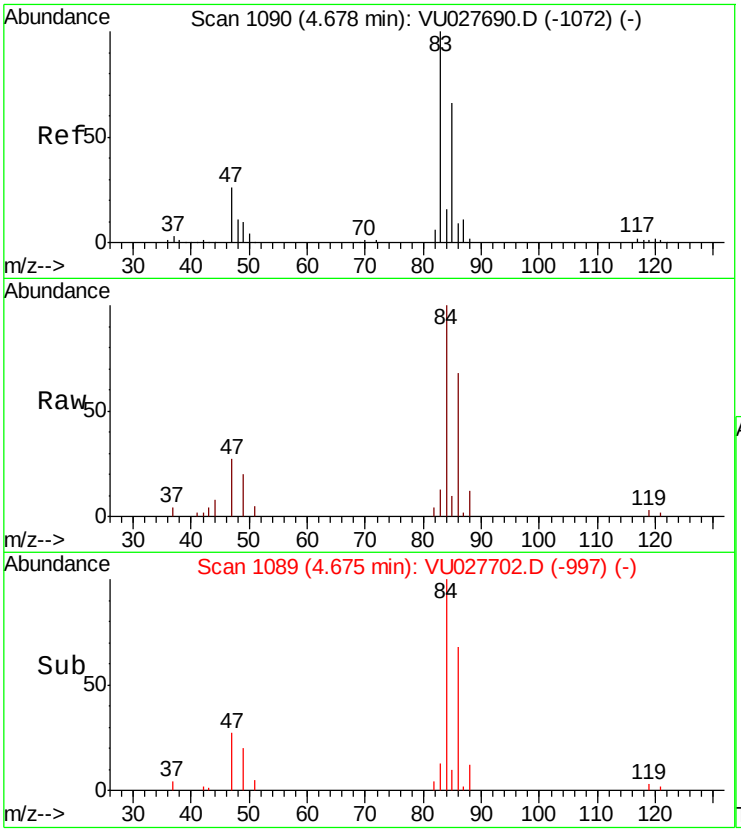


#22
cis-1,2-Dichloroethene
Concen: 14.542 ug/L
RT: 4.23 min Scan# 950
Delta R.T. -0.00 min
Lab File: VU027702.D
Acq: 18 Oct 2018 16:27

Tgt Ion: 96 Resp: 86755

Ion	Ratio	Lower	Upper
96	100		
61	141.6	95.3	176.9
68	0.0	1.1	2.1#



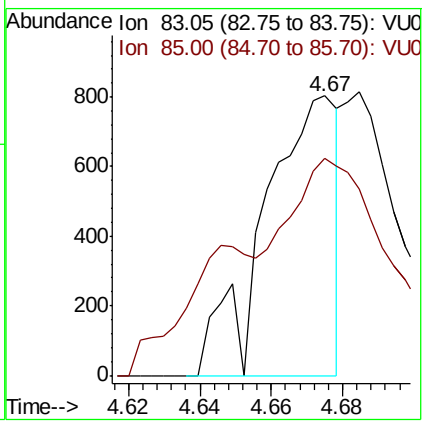


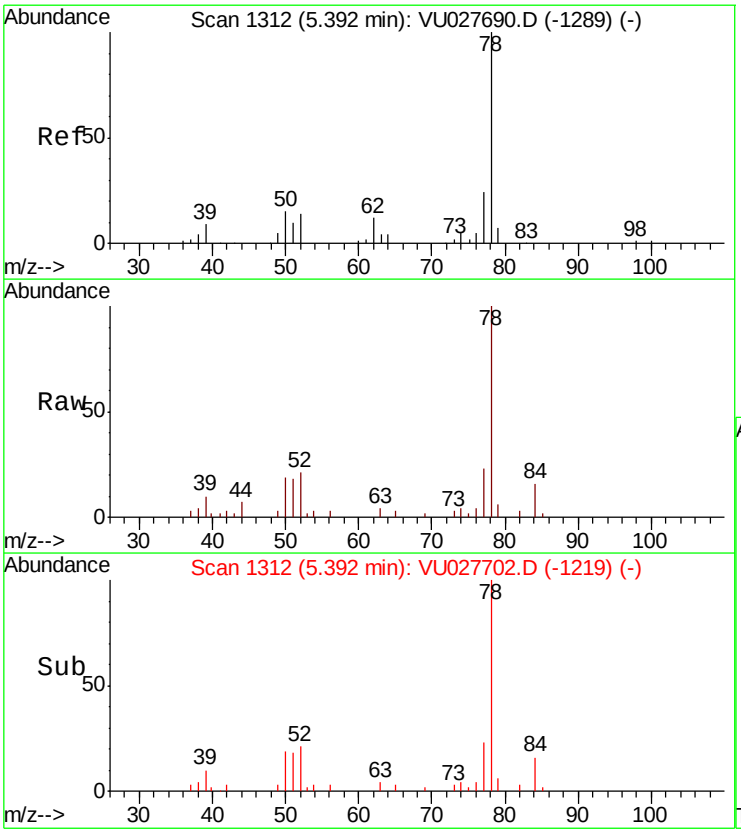
#25
Chloroform
Concen: 0.110 ug/L
RT: 4.67 min Scan# 1089
Delta R.T. -0.00 min
Lab File: VU027702.D
Acq: 18 Oct 2018 16:27

Instrument :
MSVOA_U
ClientSampleId :
C0JB4RE

Tgt Ion: 83 Resp: 1135

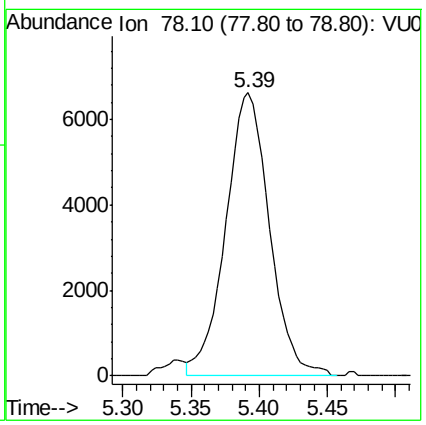
Ion	Ratio	Lower	Upper
83	100		
85	77.6	46.1	85.7

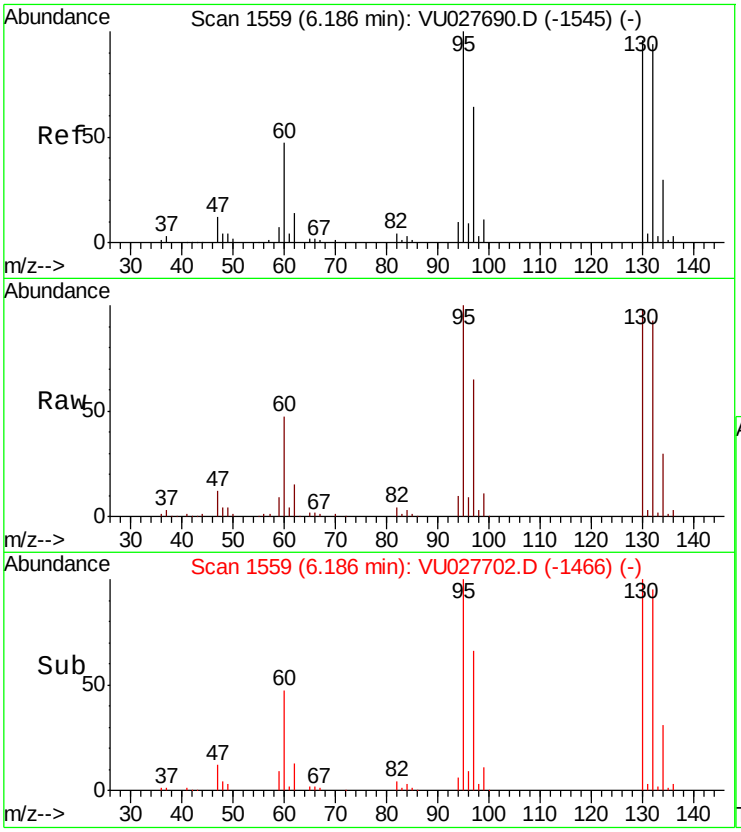




#33
Benzene
Concen: 0.653 ug/L
RT: 5.39 min Scan# 1312
Delta R.T. 0.00 min
Lab File: VU027702.D
Acq: 18 Oct 2018 16:27

Tgt Ion: 78 Resp: 14765



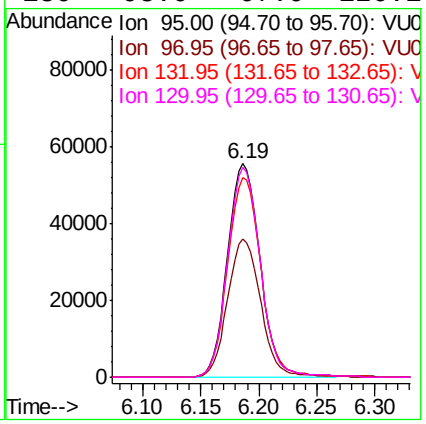


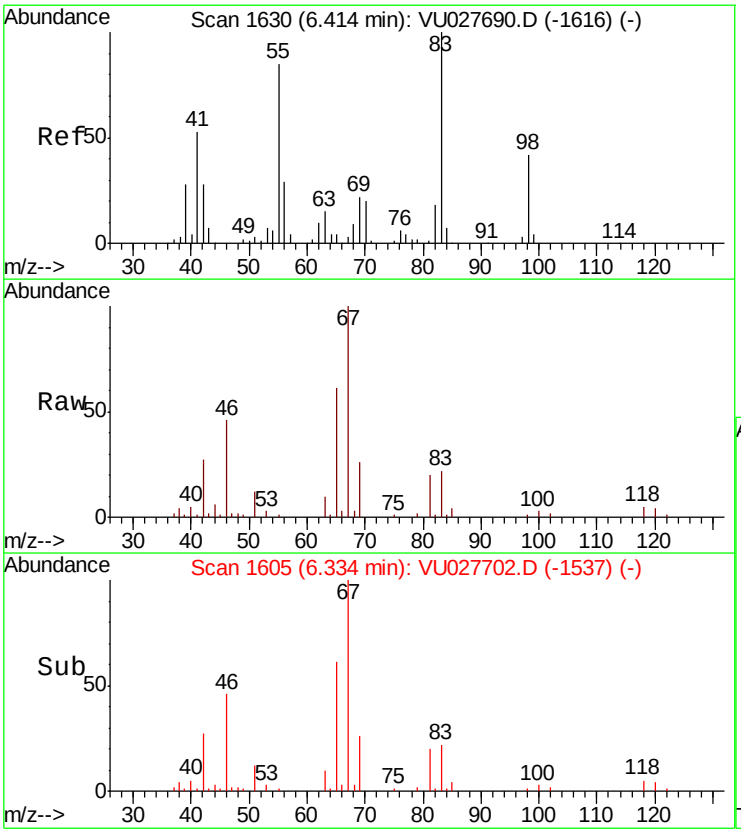
#34
Trichloroethene
Concen: 18.676 ug/L
RT: 6.19 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VU027702.D
Acq: 18 Oct 2018 16:27

Instrument :
MSVOA_U
ClientSampleId :
C0JB4RE

Tgt Ion: 95 Resp: 109376

Ion	Ratio	Lower	Upper
95	100		
97	64.8	44.7	83.1
132	93.3	65.9	122.5
130	98.0	67.9	126.1

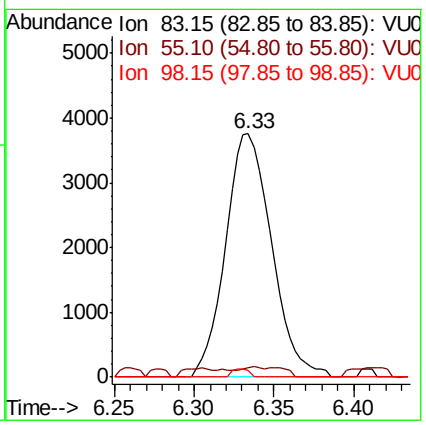


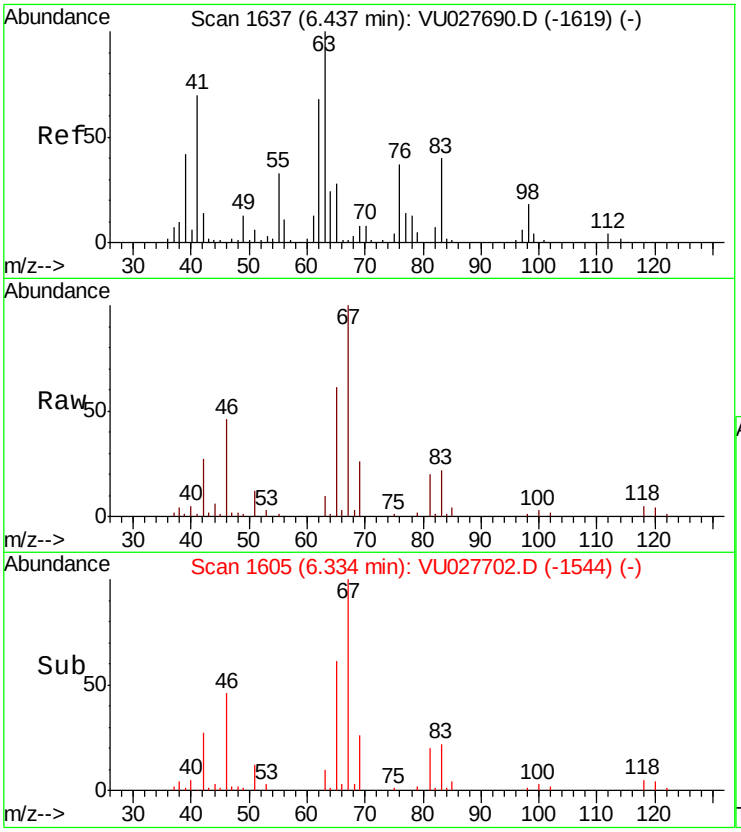


#35
Methylcyclohexane
Concen: 0.731 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU027702.D
Acq: 18 Oct 2018 16:27

Tgt Ion: 83 Resp: 7379

Ion	Ratio	Lower	Upper
83	100		
55	0.5	69.0	103.4#
98	1.2	35.4	53.2#



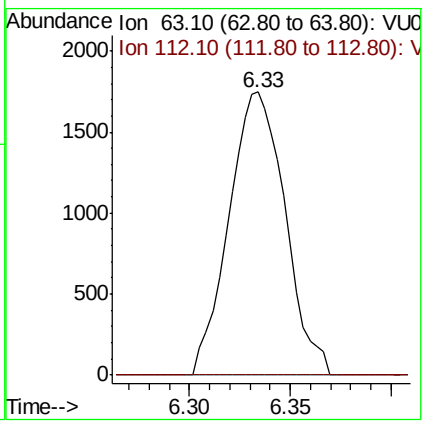


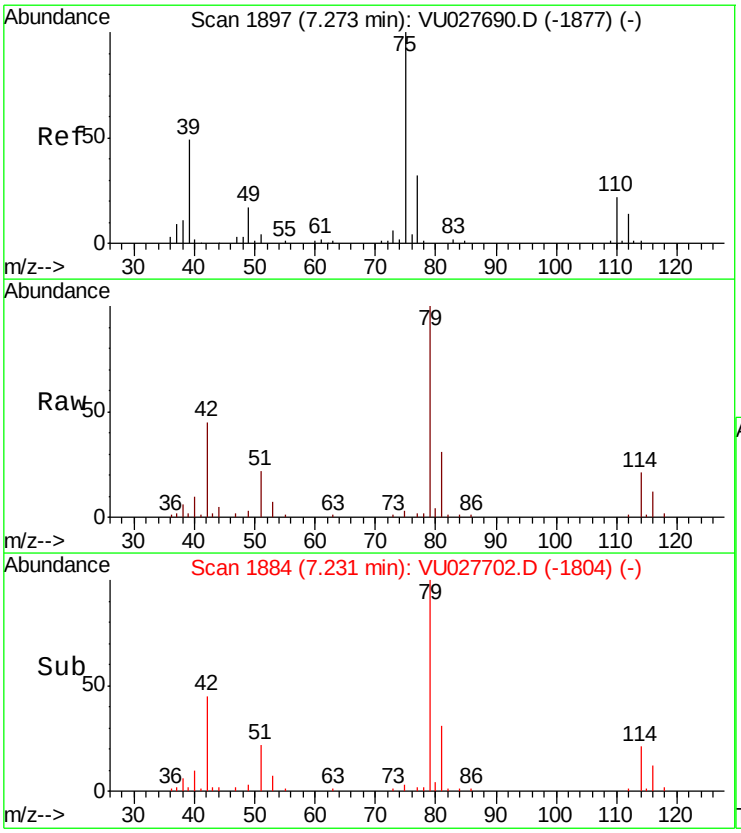
#37
1,2-Dichloropropane
Concen: 0.523 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.10 min
Lab File: VU027702.D
Acq: 18 Oct 2018 16:27

Instrument :
MSVOA_U
ClientSampleId :
C0JB4RE

Tgt Ion: 63 Resp: 3400

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.8	4.2#

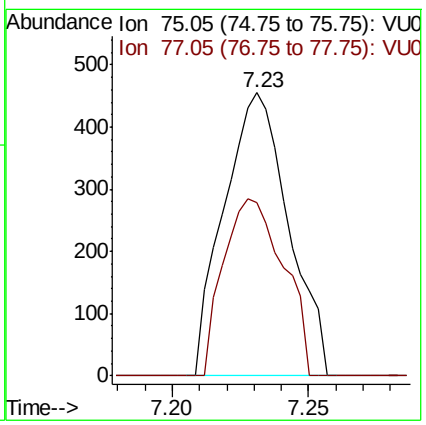


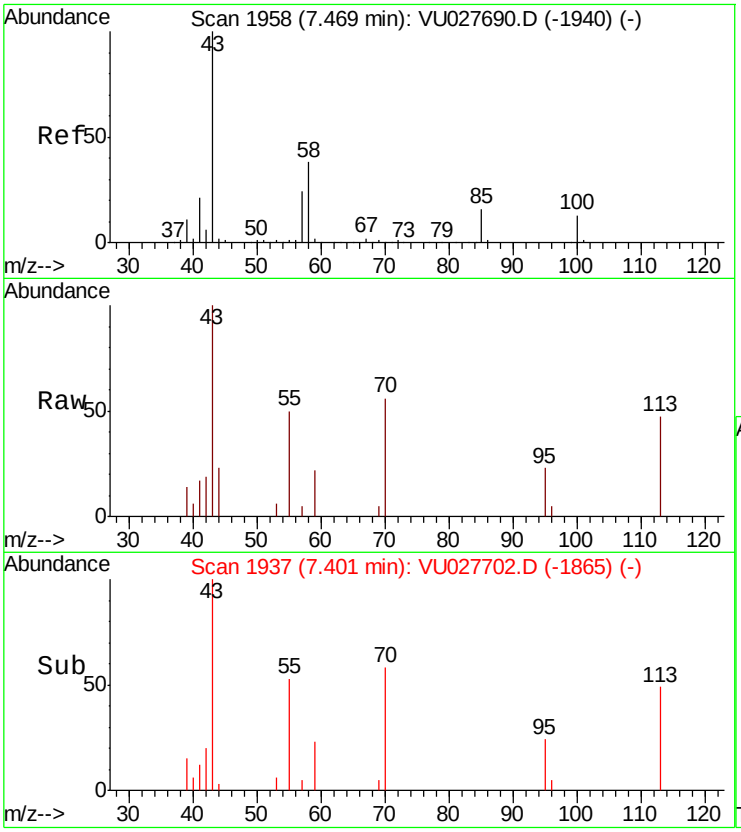


#39
cis-1,3-Dichloropropene
Concen: 0.079 ug/L
RT: 7.23 min Scan# 1884
Delta R.T. -0.04 min
Lab File: VU027702.D
Acq: 18 Oct 2018 16:27

Tgt Ion: 75 Resp: 746

Ion	Ratio	Lower	Upper
75	100		
77	61.1	22.2	41.2#



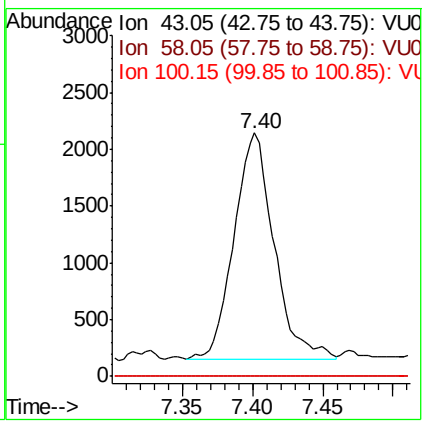


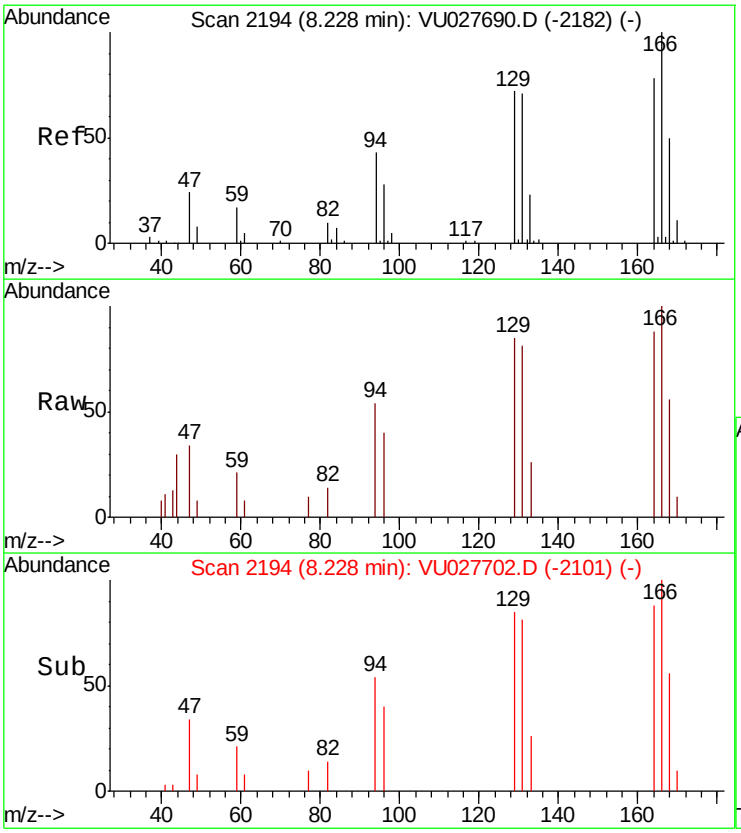
#40
4-Methyl-2-pentanone
Concen: 0.913 ug/L
RT: 7.40 min Scan# 1937
Delta R.T. -0.07 min
Lab File: VU027702.D
Acq: 18 Oct 2018 16:27

Instrument : MSVOA_U
ClientSampleId : C0JB4RE

Tgt Ion: 43 Resp: 4002

Ion	Ratio	Lower	Upper
43	100		
58	0.0	30.4	45.6#
100	0.0	10.2	15.4#

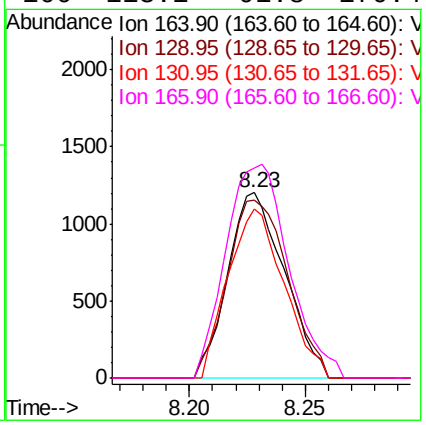


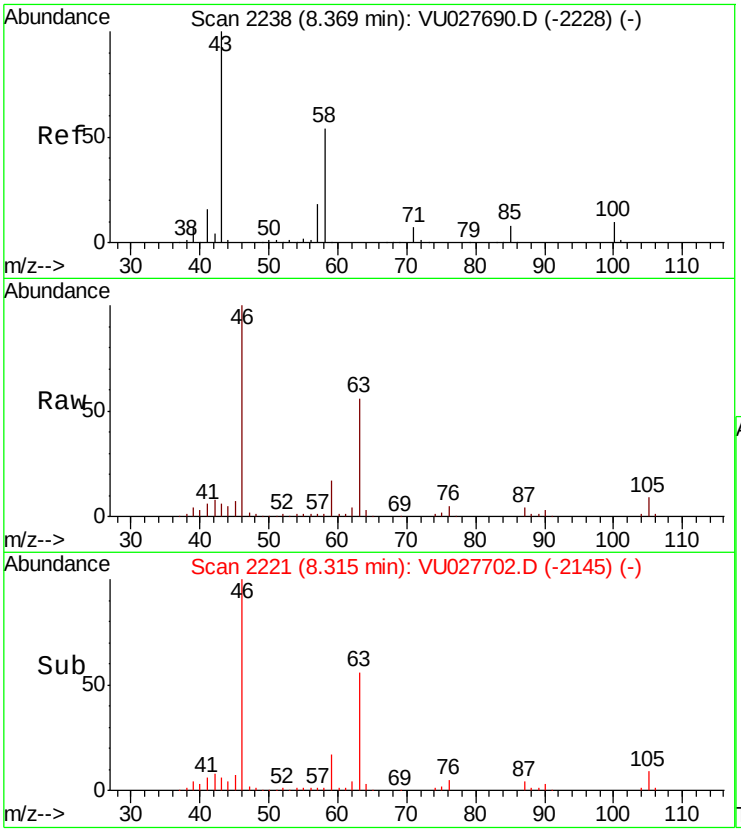


#47
Tetrachloroethene
Concen: 0.436 ug/L
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU027702.D
Acq: 18 Oct 2018 16:27

Tgt Ion:164 Resp: 2040

Ion	Ratio	Lower	Upper
164	100		
129	95.7	67.3	124.9
131	91.3	64.8	120.3
166	113.1	91.8	170.4



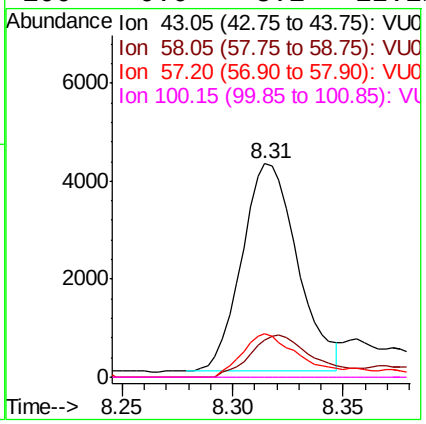


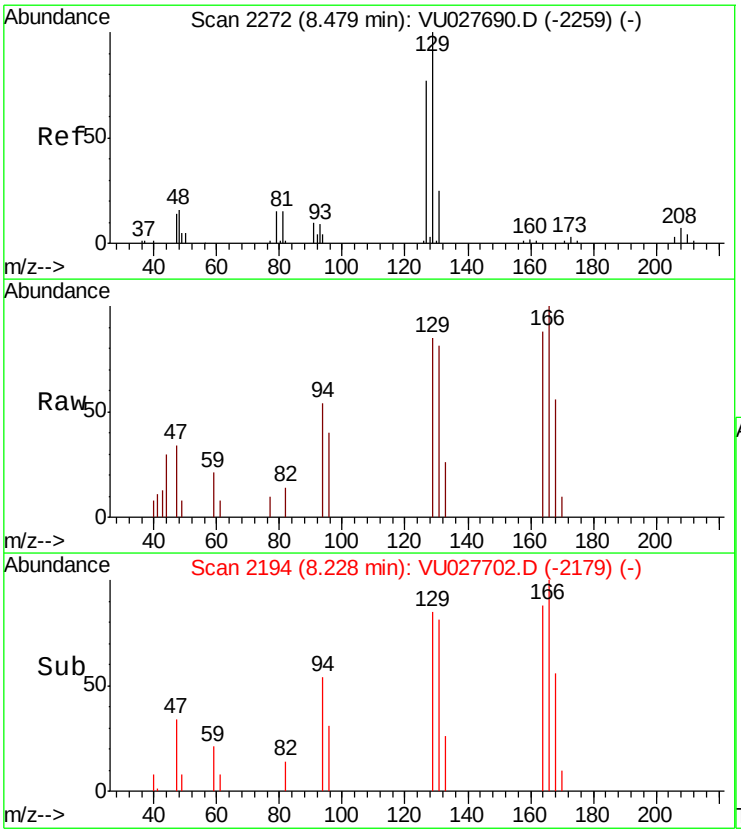
#48
2-Hexanone
Concen: 2.363 ug/L
RT: 8.31 min Scan# 2221
Delta R.T. -0.05 min
Lab File: VU027702.D
Acq: 18 Oct 2018 16:27

Instrument : MSVOA_U
ClientSampleId : C0JB4RE

Tgt Ion: 43 Resp: 7424

Ion	Ratio	Lower	Upper
43	100		
58	22.7	42.7	64.1#
57	21.2	14.5	21.7
100	0.0	8.1	12.1#

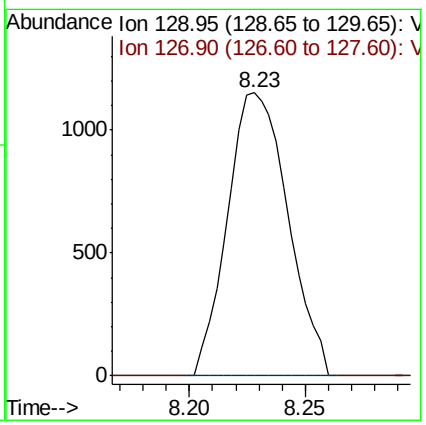


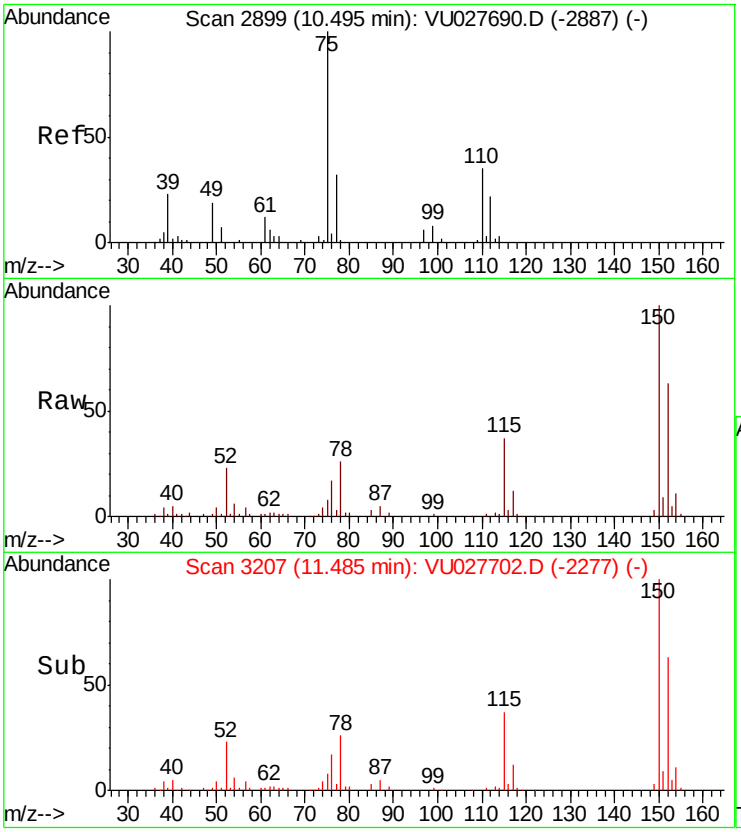


#49
Dibromochloromethane
Concen: 0.402 ug/L
RT: 8.23 min Scan# 2194
Delta R.T. -0.25 min
Lab File: VU027702.D
Acq: 18 Oct 2018 16:27

Tgt Ion:129 Resp: 2086

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.1	100.5#





#59
1,2,3-Trichloropropane
Concen: 1.118 ug/L
RT: 11.48 min Scan# 3207
Delta R.T. 0.99 min
Lab File: VU027702.D
Acq: 18 Oct 2018 16:27

Instrument :
MSVOA_U
ClientSampleId :
C0JB4RE

Tgt Ion: 75 Resp: 4176

Ion	Ratio	Lower	Upper
75	100		
77	34.6	26.9	40.3