Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092118\

Quantitation Report (Not Reviewed)

Data File : VU026960.D
Acq On : 21 Sep 2018 01:59
Operator : MD/SY
Sample : J5012-17 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C08Q6

Quant Time: Sep 21 06:05:36 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 21 04:24:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	209910	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	188319	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	67262	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	86794	55.90	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 111.80%			
7) Chloroethane-d5	1.67	69	76877	57.84	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 115.68%			
11) 1,1-Dichloroethene-d2	2.27	63	122487	41.69	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 83.38%			
21) 2-Butanone-d5	4.18	46	134943	130.96	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 130.96%#			
24) Chloroform-d	4.65	84	156633	54.38	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 108.76%			
26) 1,2-Dichloroethane-d4	5.31	65	101400	55.91	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 111.82%			
32) Benzene-d6	5.34	84	314455	59.58	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 119.16%			
36) 1,2-Dichloropropane-d6	6.33	67	103531	60.88	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 121.76%#			
41) Toluene-d8	7.57	98	255928	53.68	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 107.36%			
43) trans-1,3-Dichloropropene-	7.85	79	41664	54.88	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 109.76%			
47) 2-Hexanone-d5	8.31	63	94885	141.97	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 141.97%#			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	144861	61.10	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 122.20%#			
64) 1,2-Dichlorobenzene-d4	11.86	152	99848	71.36	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 142.72%#			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	951	0.656	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	1013	0.744	ug/L #	1
13) Acetone	2.32	43	637	0.629	ug/L	75
33) Benzene	5.34	78	2497	0.428	ug/L	100
35) Methylcyclohexane	6.33	83	23931	10.478	ug/L #	18
37) 1,2-Dichloropropane	6.33	63	10834	6.755	ug/L #	86
39) cis-1,3-Dichloropropene	7.23	75	2355	1.039	ug/L #	56
40) 4-Methyl-2-pentanone	7.57	43	1024	0.537	ug/L #	1
44) trans-1,3-Dichloropropene	7.85	75	1625	0.766	ug/L #	81
48) 2-Hexanone	8.31	43	10739	6.986	ug/L #	67
51) Chlorobenzene	9.12	112	2248	0.561	ug/L	96
59) 1,2,3-Trichloropropane	11.48	75	7623	3.968	ug/L	97
63) 1,4-Dichlorobenzene	11.51	146	2065	0.915	ug/L	96
65) 1,2-Dichlorobenzene	11.88	146	1844	0.812	ug/L #	88

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092118\

Quantitation Report (Not Reviewed)

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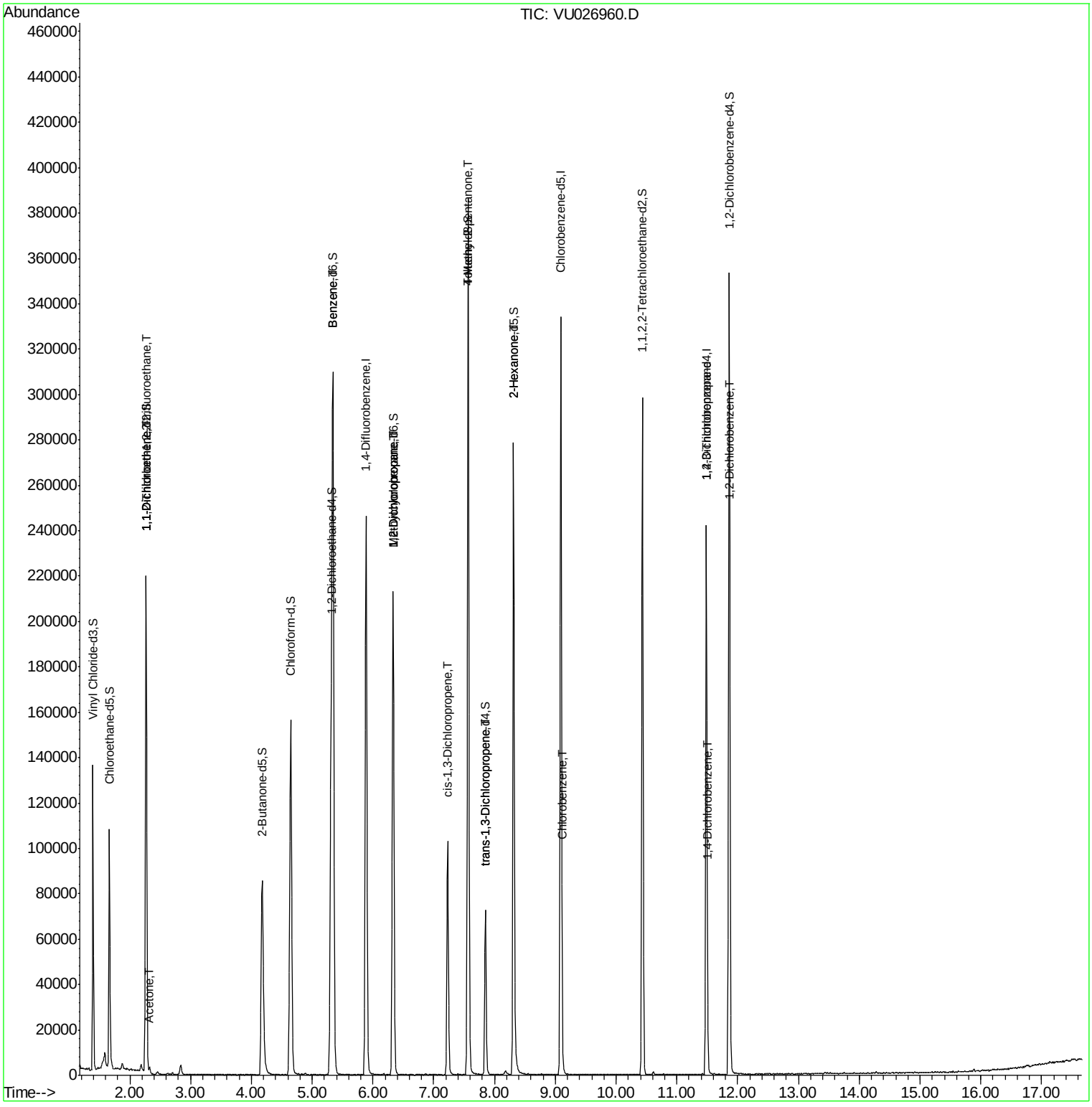
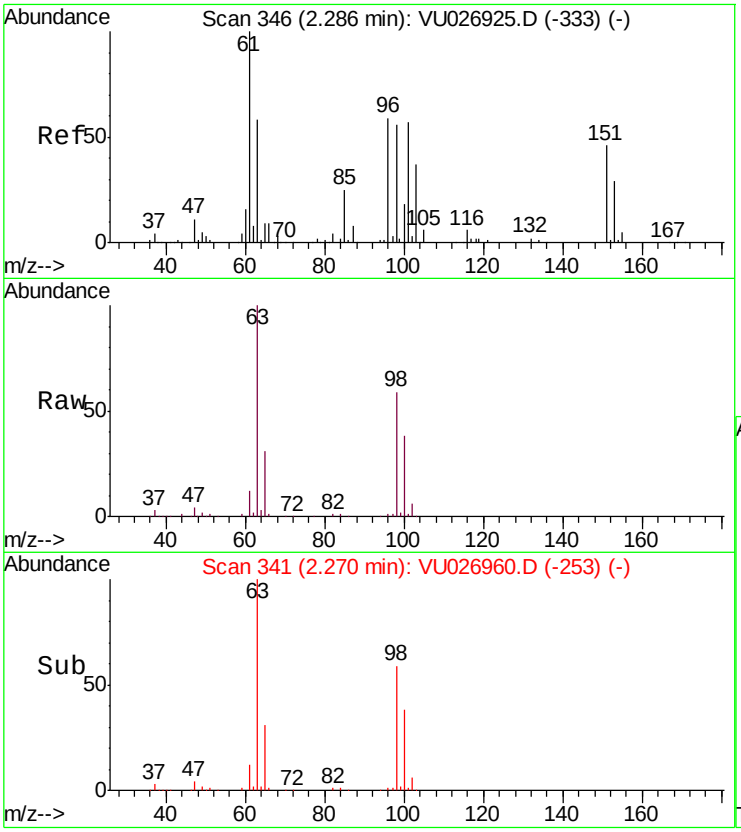
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 21 04:24:07 2018
Response via : Initial Calibration



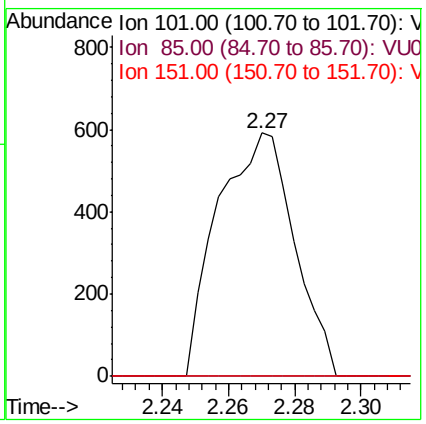


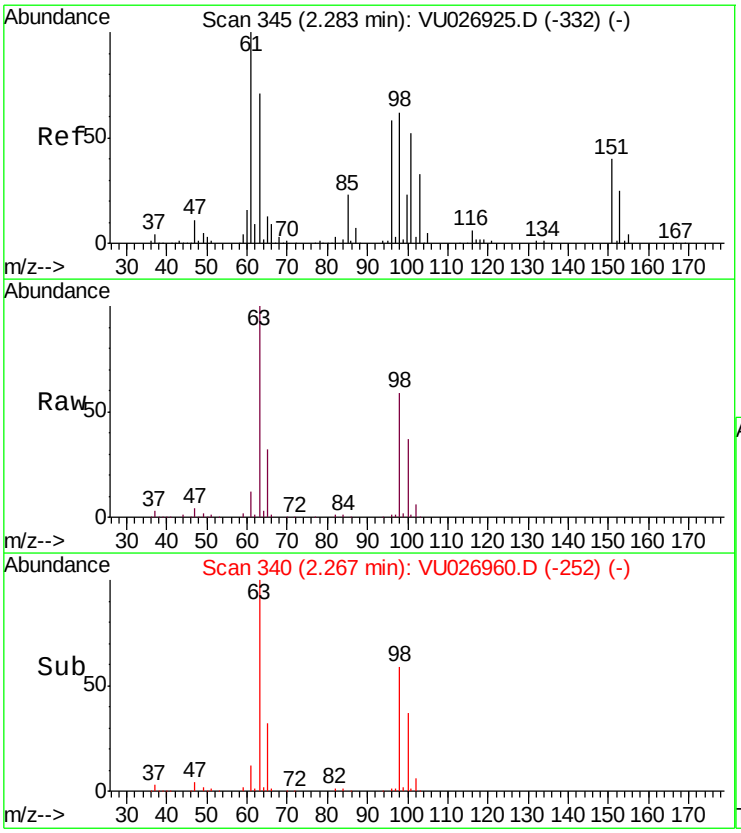
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.656 ug/L
RT: 2.27 min Scan# 341
Delta R.T. -0.02 min
Lab File: VU026960.D
Acq: 21 Sep 2018 01:59

Instrument : MSVOA_U
ClientSampleId : C08Q6

Tgt Ion:101 Resp: 951

Ion	Ratio	Lower	Upper
101	100		
85	0.0	34.6	52.0#
151	0.0	63.0	94.4#

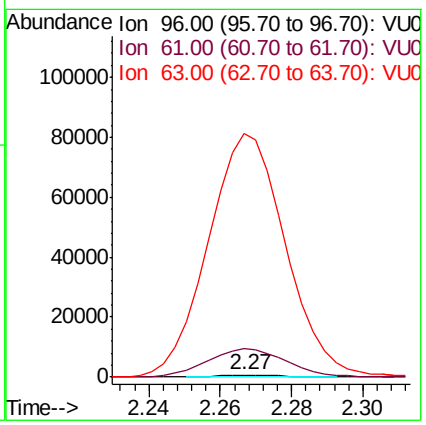


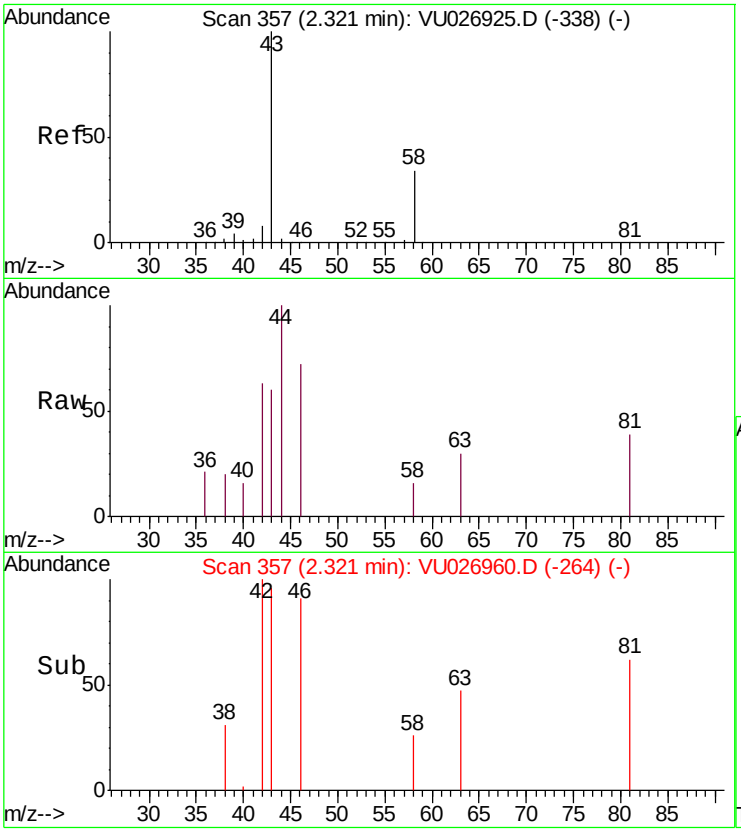


#12
1,1-Dichloroethene
Concen: 0.744 ug/L
RT: 2.27 min Scan# 340
Delta R.T. -0.02 min
Lab File: VU026960.D
Acq: 21 Sep 2018 01:59

Tgt Ion: 96 Resp: 1013

Ion	Ratio	Lower	Upper
96	100		
61	1222.6	124.0	230.4#
63	10467.0	97.7	181.5#



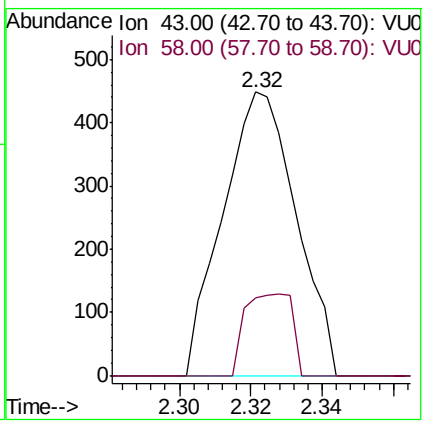


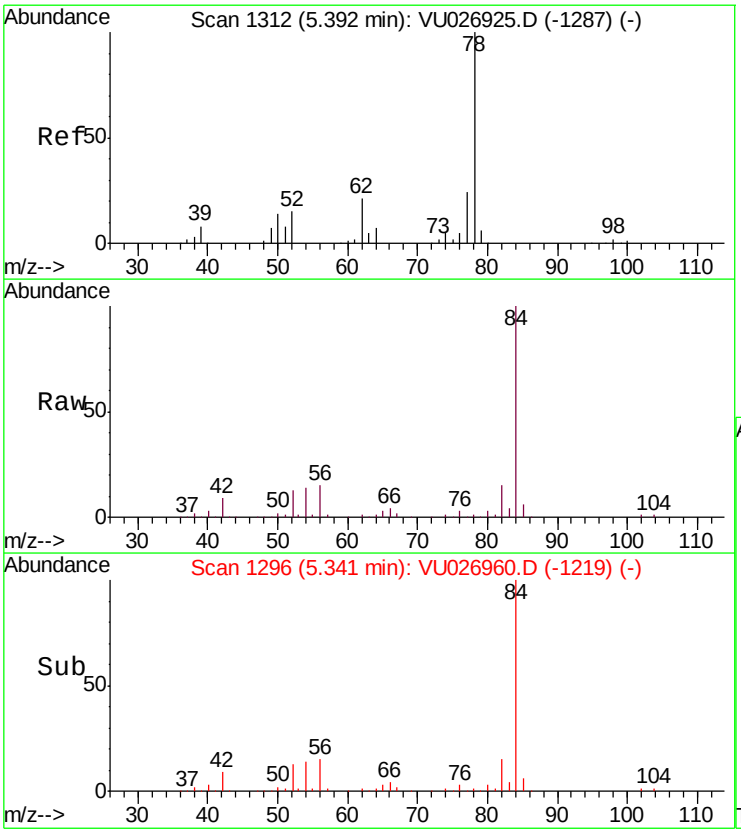
#13
Acetone
Concen: 0.629 ug/L
RT: 2.32 min Scan# 357
Delta R.T. 0.00 min
Lab File: VU026960.D
Acq: 21 Sep 2018 01:59

Instrument :
MSVOA_U
ClientSampleId :
C08Q6

Tgt Ion: 43 Resp: 637

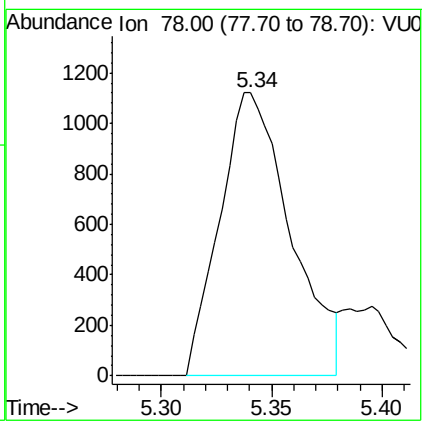
Ion	Ratio	Lower	Upper
43	100		
58	18.4	0.0	64.6

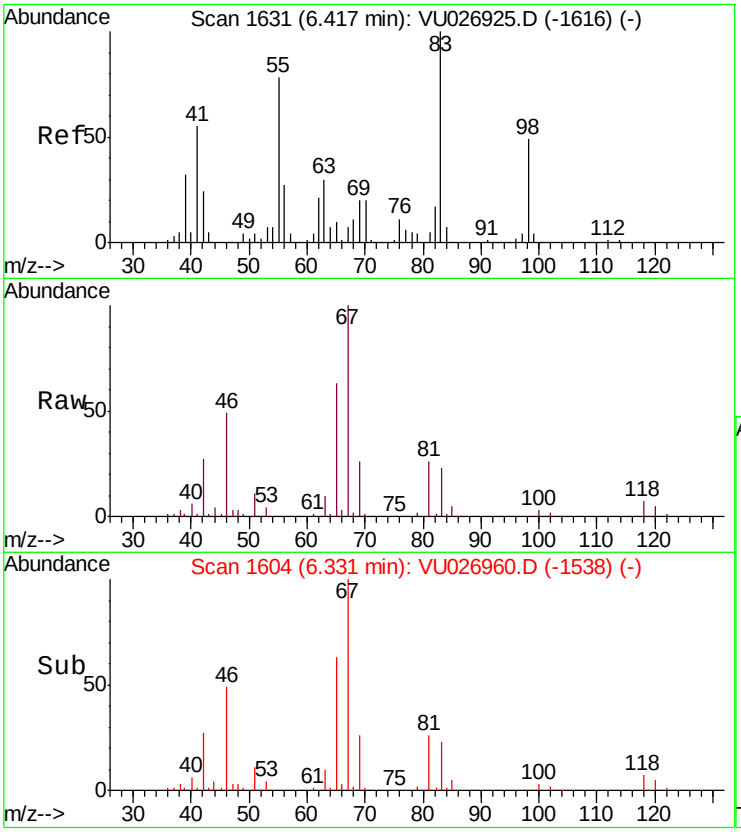




#33
Benzene
Concen: 0.428 ug/L
RT: 5.34 min Scan# 1296
Delta R.T. -0.05 min
Lab File: VU026960.D
Acq: 21 Sep 2018 01:59

Tgt Ion: 78 Resp: 2497



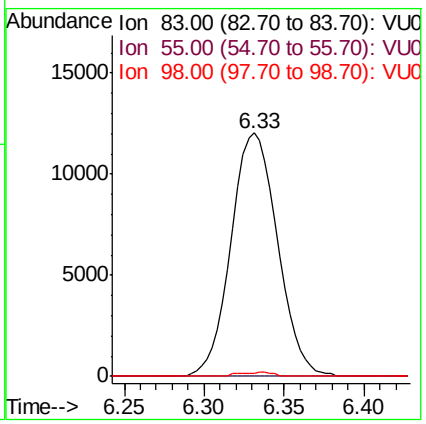


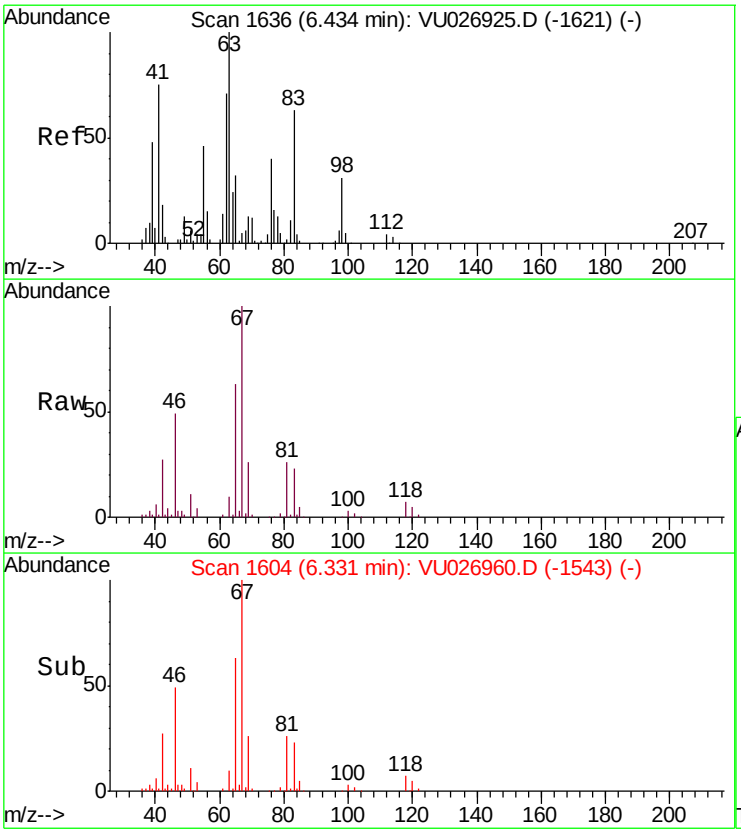
#35
Methylcyclohexane
Concen: 10.478 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.09 min
Lab File: VU026960.D
Acq: 21 Sep 2018 01:59

Instrument :
MSVOA_U
ClientSampleId :
C08Q6

Tgt Ion: 83 Resp: 23931

Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.7	92.5#
98	1.2	38.3	57.5#

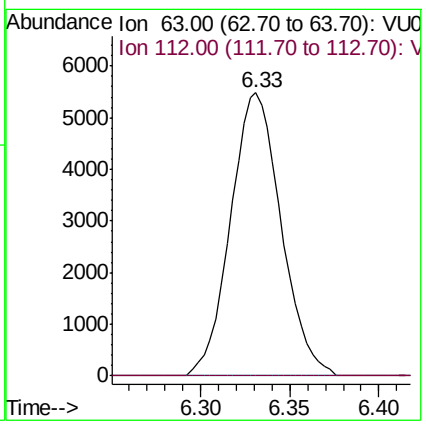


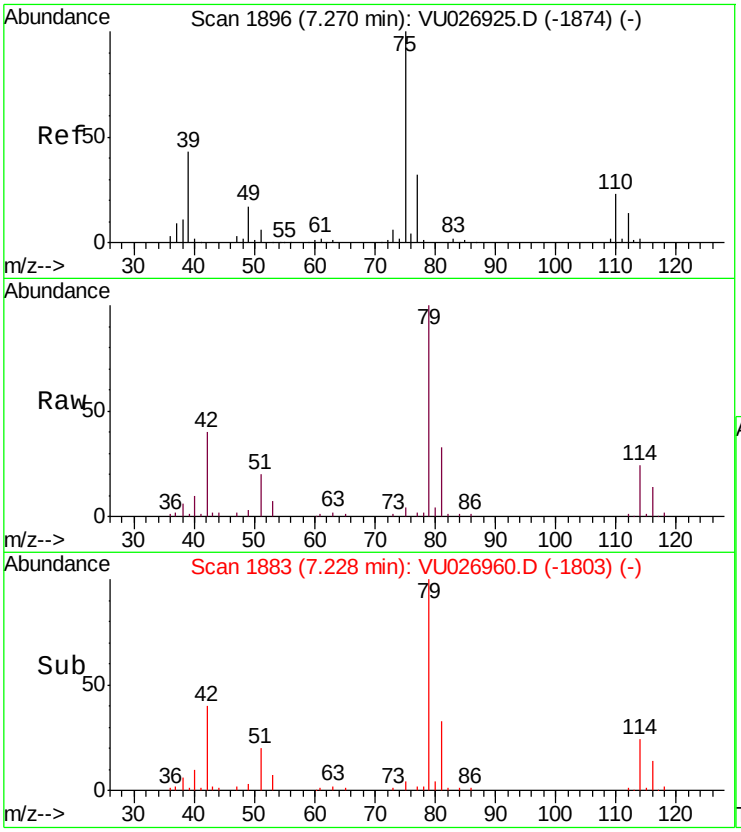


#37
1,2-Dichloropropane
Concen: 6.755 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.10 min
Lab File: VU026960.D
Acq: 21 Sep 2018 01:59

Tgt Ion: 63 Resp: 10834

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.7	5.5#



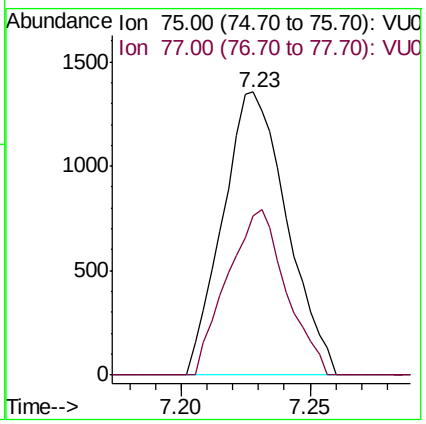


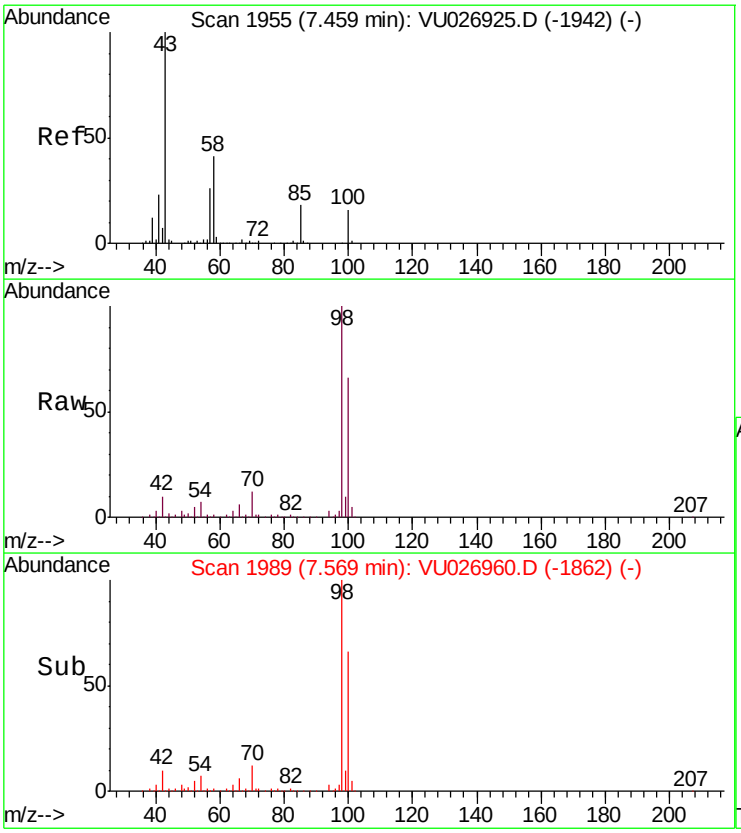
#39
cis-1,3-Dichloropropene
Concen: 1.039 ug/L
RT: 7.23 min Scan# 1883
Delta R.T. -0.04 min
Lab File: VU026960.D
Acq: 21 Sep 2018 01:59

Instrument :
MSVOA_U
ClientSampleId :
C08Q6

Tgt Ion: 75 Resp: 2355

Ion	Ratio	Lower	Upper
75	100		
77	56.1	22.1	41.1#

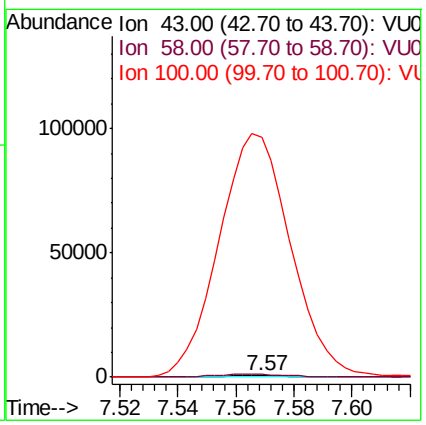


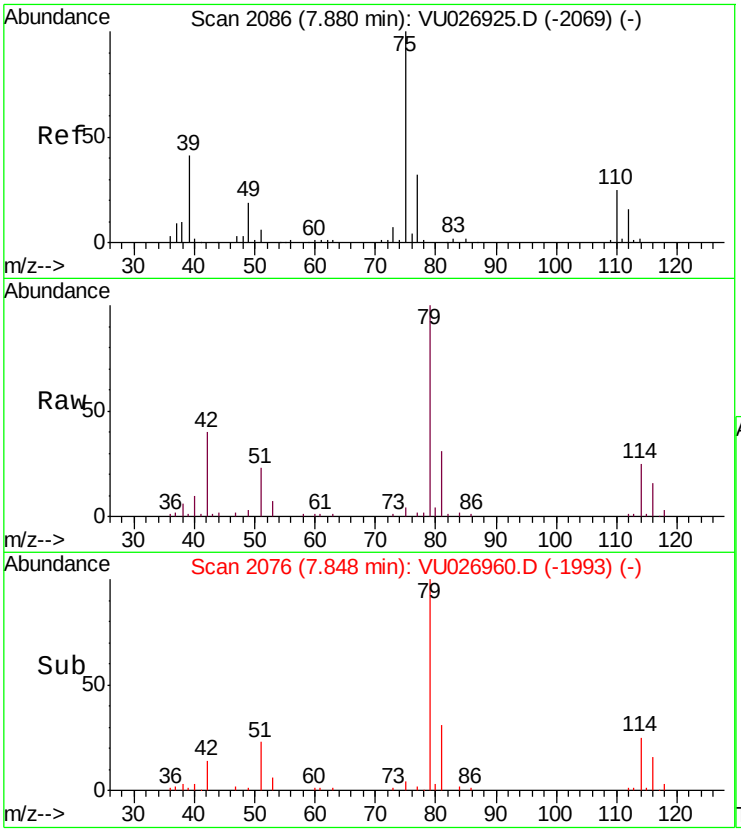


#40
4-Methyl-2-pentanone
Concen: 0.537 ug/L
RT: 7.57 min Scan# 1989
Delta R.T. 0.11 min
Lab File: VU026960.D
Acq: 21 Sep 2018 01:59

Tgt Ion: 43 Resp: 1024

Ion	Ratio	Lower	Upper
43	100		
58	190.1	32.0	48.0#
100	16576.6	12.6	19.0#



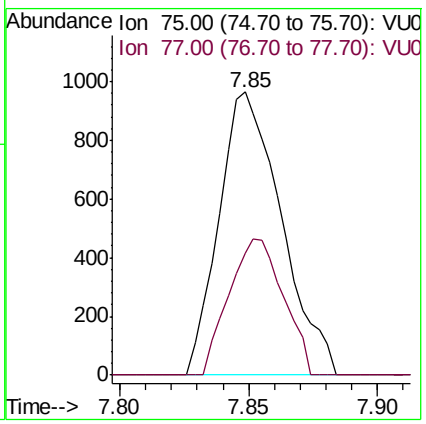


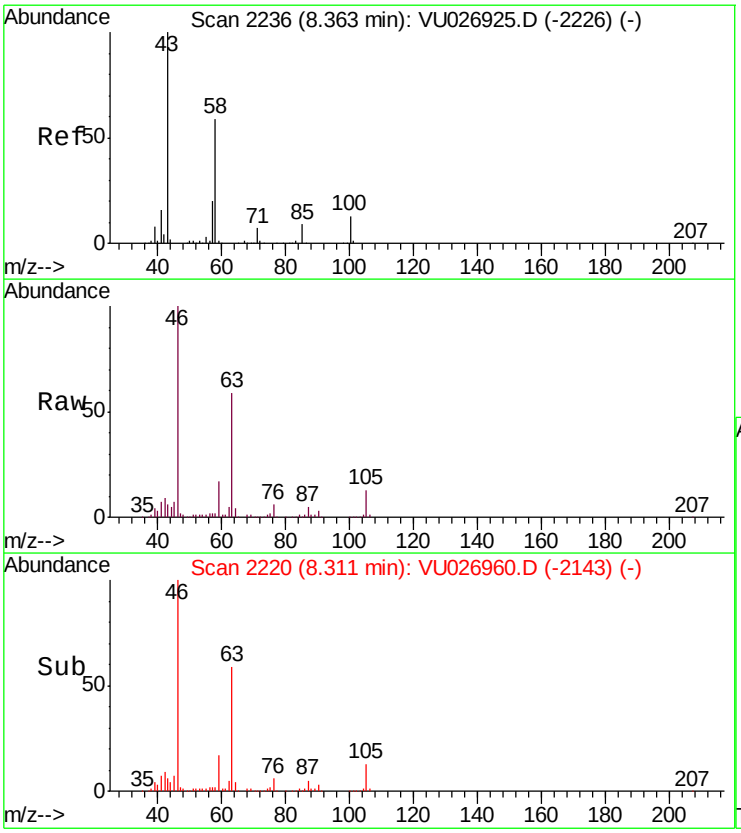
#44
trans-1,3-Dichloropropene
Concen: 0.766 ug/L
RT: 7.85 min Scan# 2076
Delta R.T. -0.03 min
Lab File: VU026960.D
Acq: 21 Sep 2018 01:59

Instrument : MSVOA_U
ClientSampleId : C08Q6

Tgt Ion: 75 Resp: 1625

Ion	Ratio	Lower	Upper
75	100		
77	43.0	22.8	42.4#

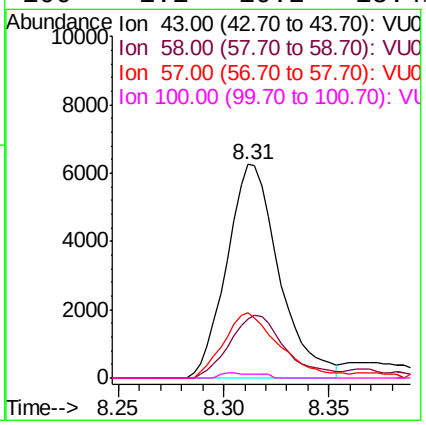


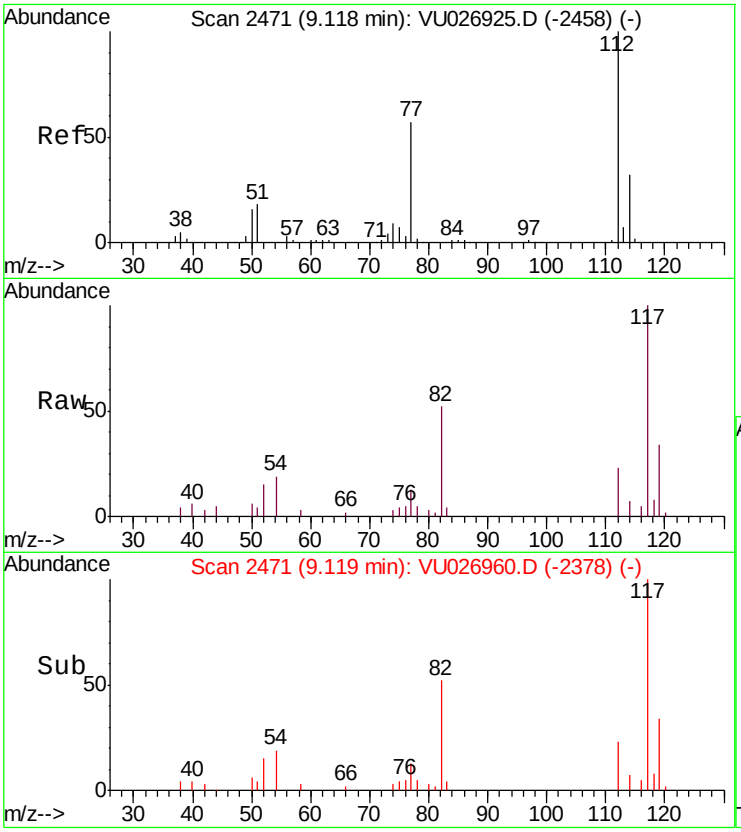


#48
2-Hexanone
Concen: 6.986 ug/L
RT: 8.31 min Scan# 2220
Delta R.T. -0.05 min
Lab File: VU026960.D
Acq: 21 Sep 2018 01:59

Tgt Ion: 43 Resp: 10739

Ion	Ratio	Lower	Upper
43	100		
58	31.1	44.9	67.3#
57	33.0	15.4	23.2#
100	1.1	10.2	15.4#



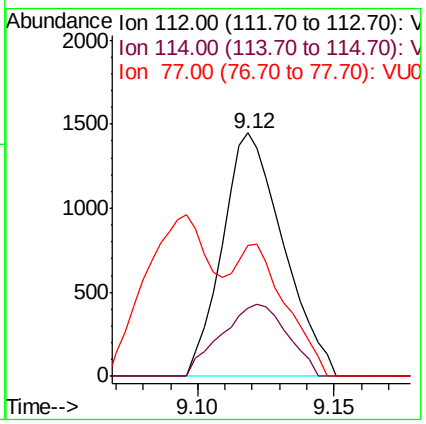


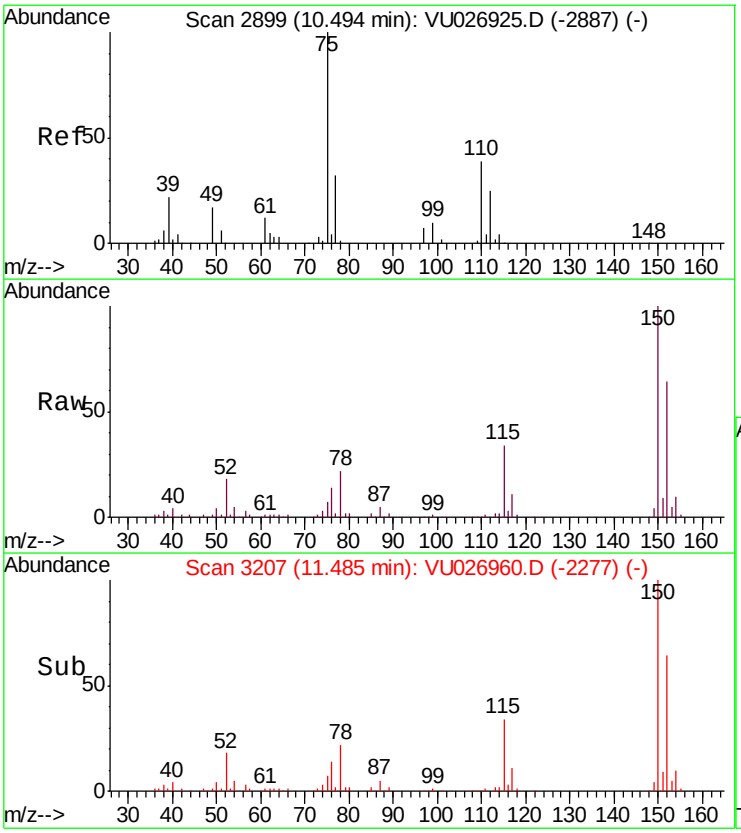
#51
Chlorobenzene
Concen: 0.561 ug/L
RT: 9.12 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VU026960.D
Acq: 21 Sep 2018 01:59

Instrument : MSVOA_U
ClientSampleId : C08Q6

Tgt Ion:112 Resp: 2248

Ion	Ratio	Lower	Upper
112	100		
114	28.3	22.3	41.5
77	53.9	45.1	67.7

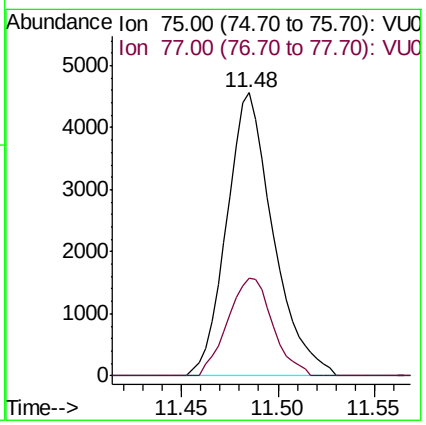


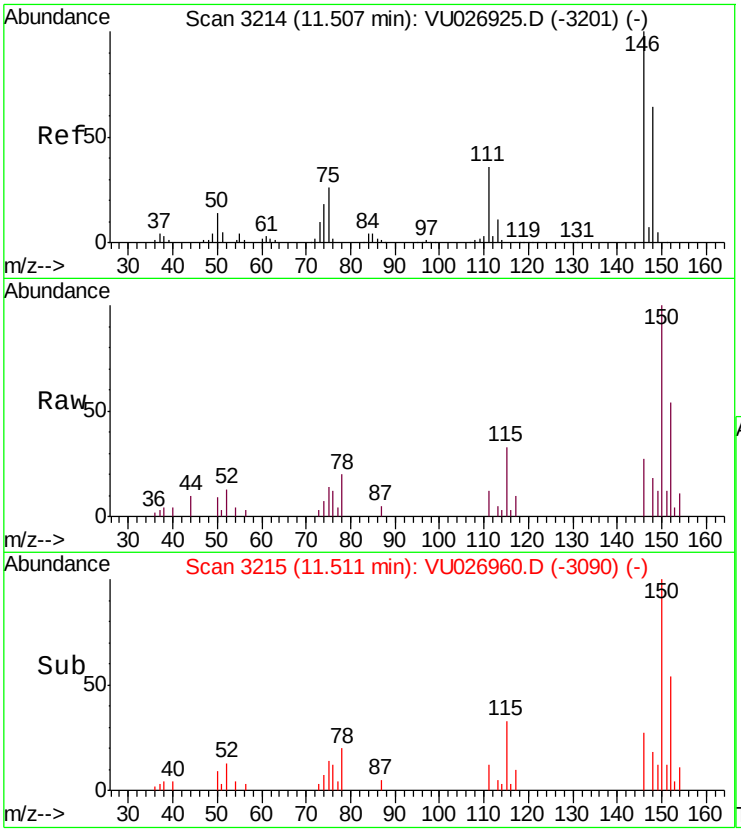


#59
1,2,3-Trichloropropane
Concen: 3.968 ug/L
RT: 11.48 min Scan# 3207
Delta R.T. 0.99 min
Lab File: VU026960.D
Acq: 21 Sep 2018 01:59

Tgt Ion: 75 Resp: 7623

Ion	Ratio	Lower	Upper
75	100		
77	33.3	25.5	38.3



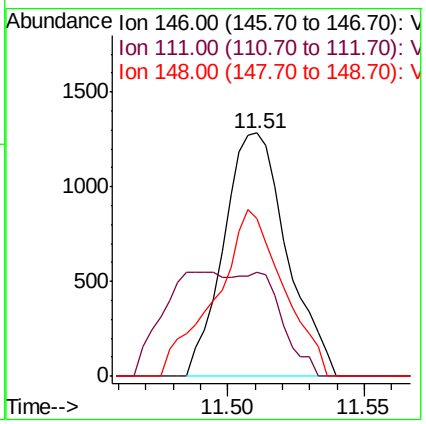


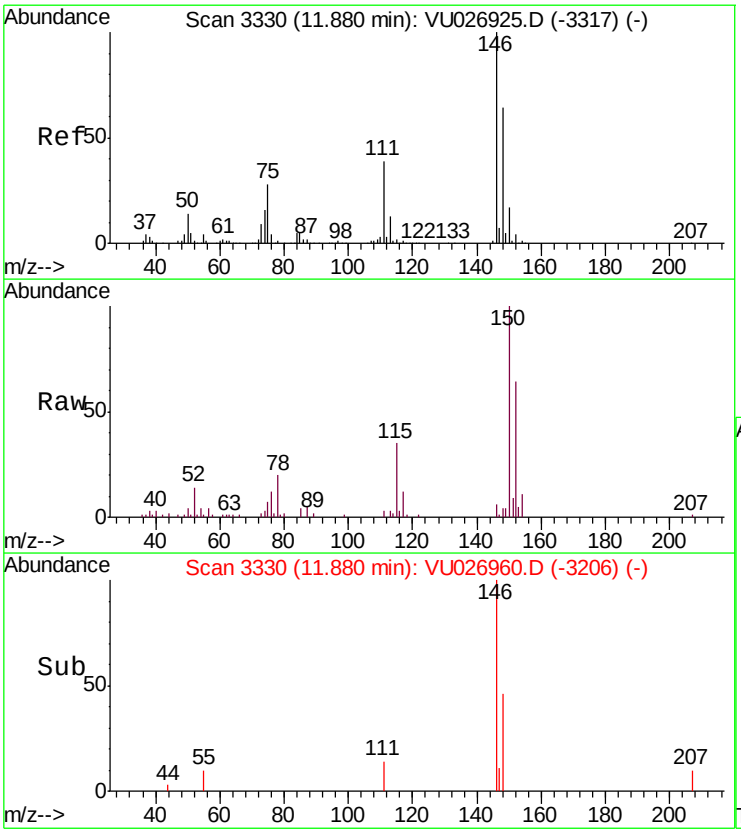
#63
1,4-Dichlorobenzene
Concen: 0.915 ug/L
RT: 11.51 min Scan# 3215
Delta R.T. 0.00 min
Lab File: VU026960.D
Acq: 21 Sep 2018 01:59

Instrument :
MSVOA_U
ClientSampleId :
C08Q6

Tgt Ion:146 Resp: 2065

Ion	Ratio	Lower	Upper
146	100		
111	42.7	26.0	48.2
148	65.0	45.8	85.2





#65
1,2-Dichlorobenzene
Concen: 0.812 ug/L
RT: 11.88 min Scan# 3330
Delta R.T. 0.00 min
Lab File: VU026960.D
Acq: 21 Sep 2018 01:59

Tgt Ion:146 Resp: 1844

Ion	Ratio	Lower	Upper
146	100		
111	56.9	31.4	47.0#
148	62.7	51.4	77.2