Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091518\

Quantitation Report (Not Reviewed)

Data File : VU026761.D
Acq On : 14 Sep 2018 13:17
Operator : MD/SY
Sample : J4860-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VHBLK02

Quant Time: Sep 15 07:02:02 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091018WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Sep 15 00:18:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	171158	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	160185	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	66794	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	57317	44.94	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 89.88%			
7) Chloroethane-d5	1.68	69	46539	45.28	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 90.56%			
11) 1,1-Dichloroethene-d2	2.27	63	80674	35.34	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 70.68%			
21) 2-Butanone-d5	4.18	46	82055	103.38	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 103.38%			
24) Chloroform-d	4.65	84	95509	45.03	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.06%			
26) 1,2-Dichloroethane-d4	5.31	65	65407	47.12	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.24%			
32) Benzene-d6	5.34	84	195978	47.27	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.54%			
36) 1,2-Dichloropropane-d6	6.33	67	68059	48.92	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 97.84%			
41) Toluene-d8	7.57	98	171790	44.16	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 88.32%			
43) trans-1,3-Dichloropropene-	7.85	79	28210	43.61	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 87.22%			
47) 2-Hexanone-d5	8.31	63	55940	98.55	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 98.55%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	89585	47.03	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 94.06%			
64) 1,2-Dichlorobenzene-d4	11.86	152	63898	47.99	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.98%			

Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	778	0.740	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	568	0.563	ug/L #	1
13) Acetone	2.32	43	977	1.081	ug/L	66
25) Chloroform	4.68	83	2210	1.060	ug/L	94
35) Methylcyclohexane	6.33	83	15420	8.640	ug/L #	18
37) 1,2-Dichloropropane	6.33	63	7032	5.611	ug/L #	89
44) trans-1,3-Dichloropropene	7.85	75	1175	0.681	ug/L	86
59) 1,2,3-Trichloropropane	11.48	75	8755	5.905	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	3590	1.767	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	2285	1.127	ug/L #	89

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091518\

Quantitation Report (Not Reviewed)

Data File : VU026761.D
Acq On : 14 Sep 2018 13:17
Operator : MD/SY
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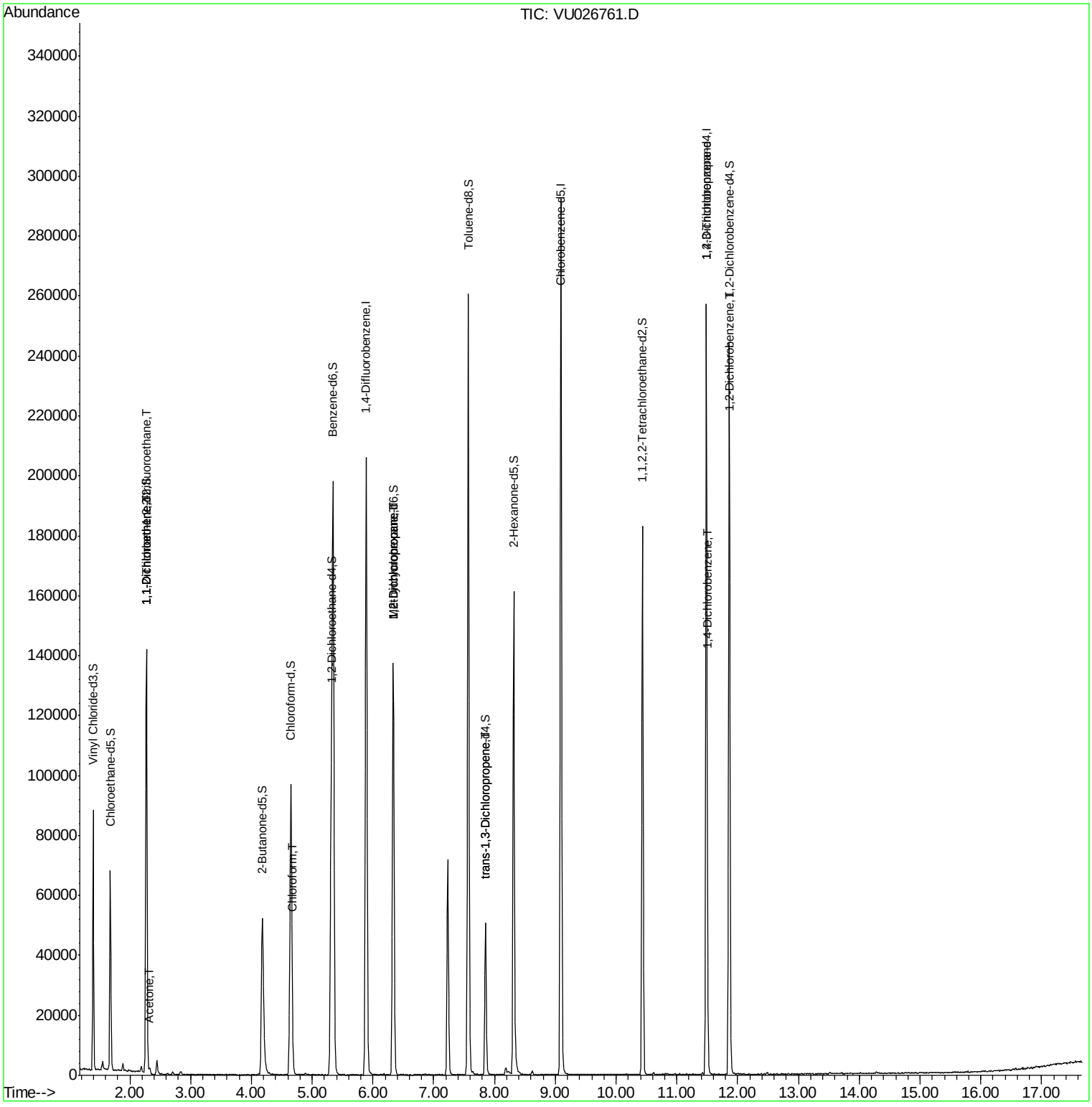
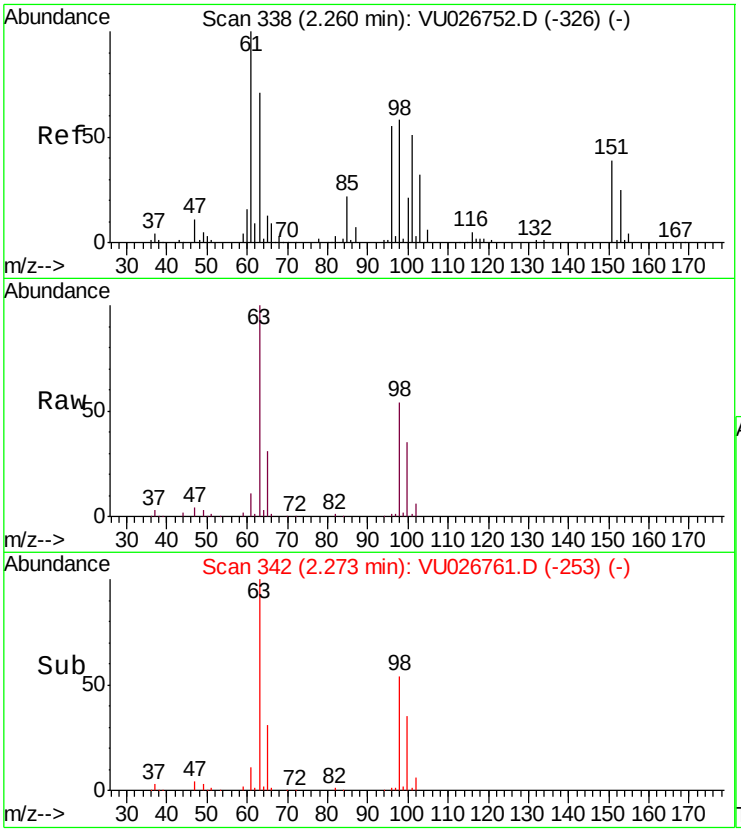
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

Quant Time: Sep 15 07:02:02 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091018WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Sep 15 00:18:06 2018
Response via : Initial Calibration



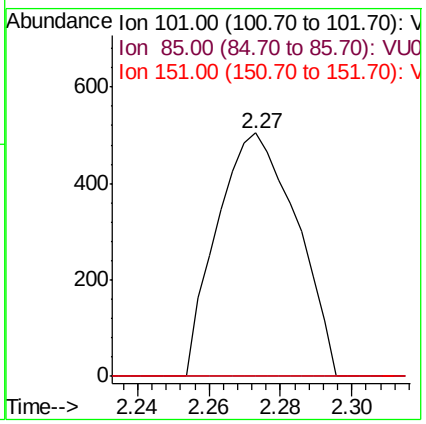


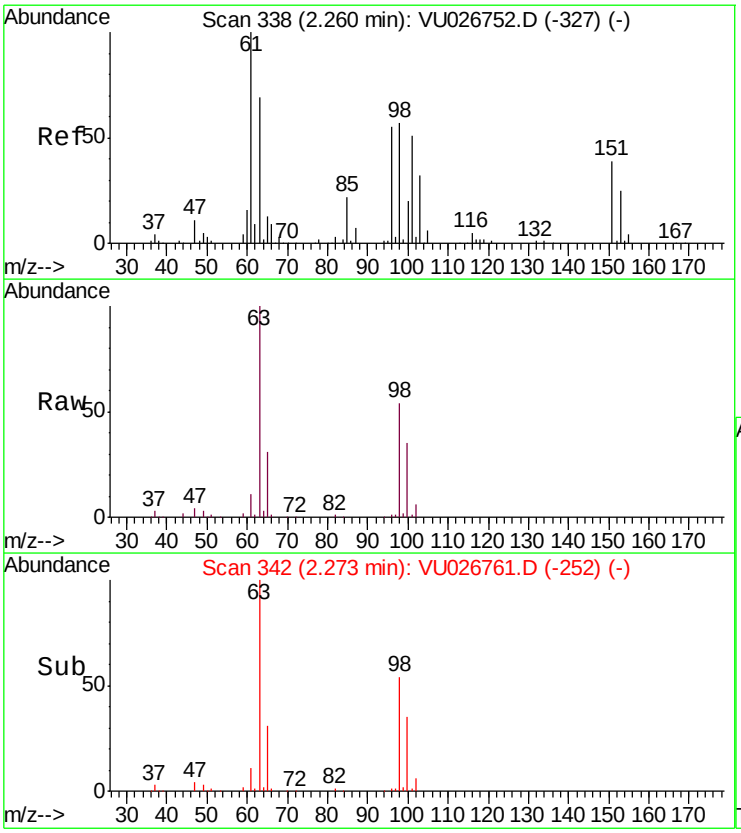
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.740 ug/L
RT: 2.27 min Scan# 342
Delta R.T. -0.01 min
Lab File: VU026761.D
Acq: 14 Sep 2018 13:17

Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

Tgt Ion:101 Resp: 778

Ion	Ratio	Lower	Upper
101	100		
85	0.0	34.1	51.1#
151	0.0	62.6	94.0#

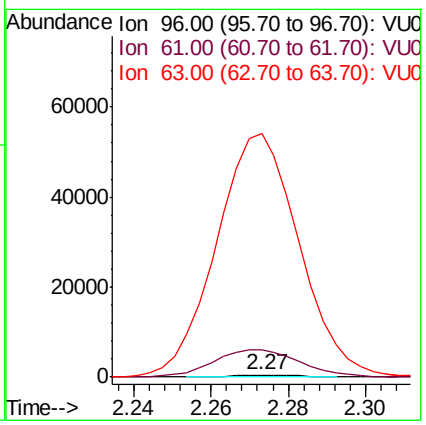


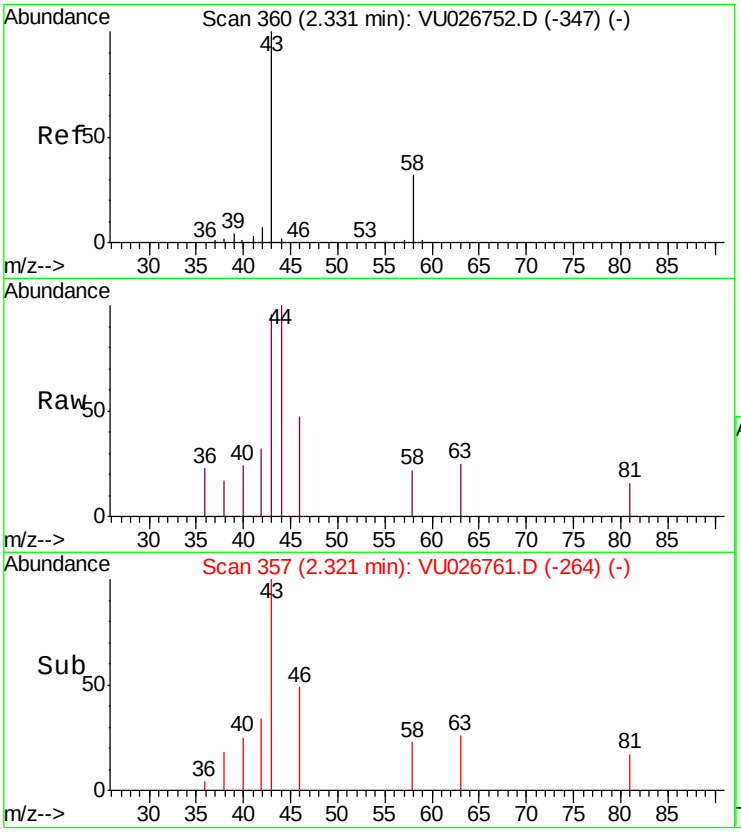


#12
1,1-Dichloroethene
Concen: 0.563 ug/L
RT: 2.27 min Scan# 342
Delta R.T. -0.01 min
Lab File: VU026761.D
Acq: 14 Sep 2018 13:17

Tgt Ion: 96 Resp: 568

Ion	Ratio	Lower	Upper
96	100		
61	1565.5	121.0	224.8#
63	14120.1	89.9	166.9#



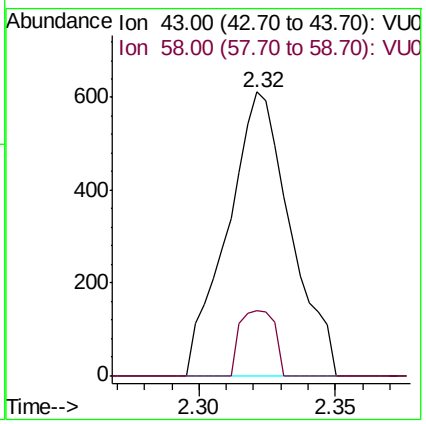


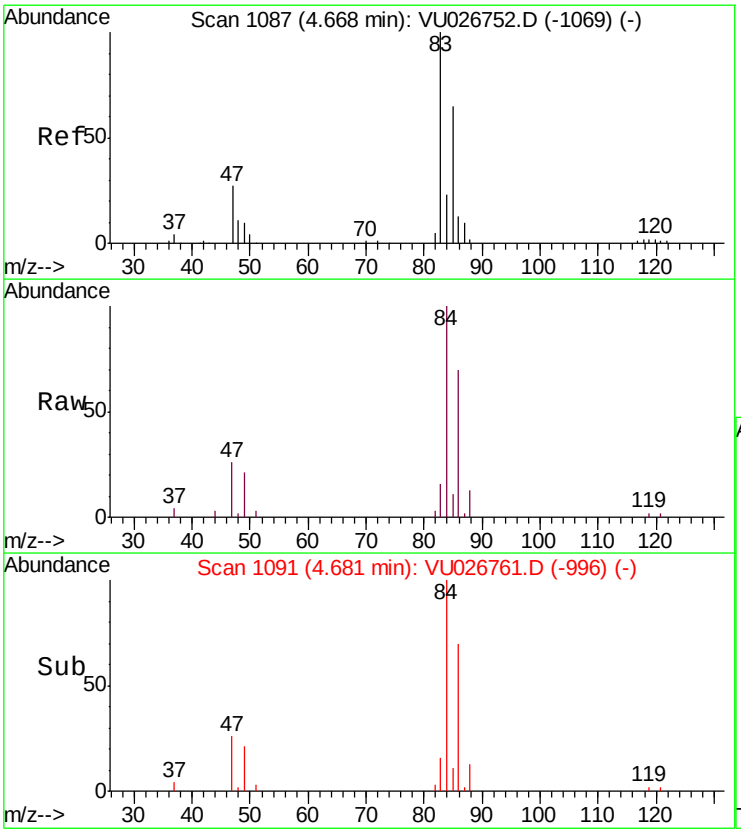
#13
Acetone
Concen: 1.081 ug/L
RT: 2.32 min Scan# 357
Delta R.T. -0.00 min
Lab File: VU026761.D
Acq: 14 Sep 2018 13:17

Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

Tgt Ion: 43 Resp: 977

Ion	Ratio	Lower	Upper
43	100		
58	12.6	0.0	62.8

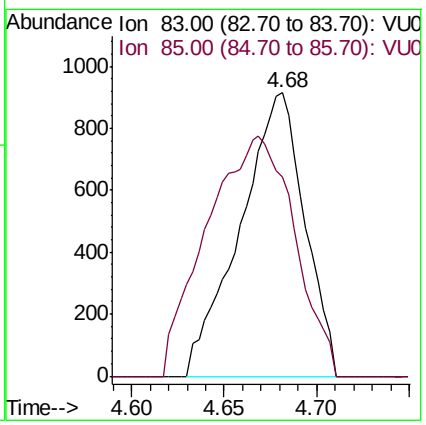


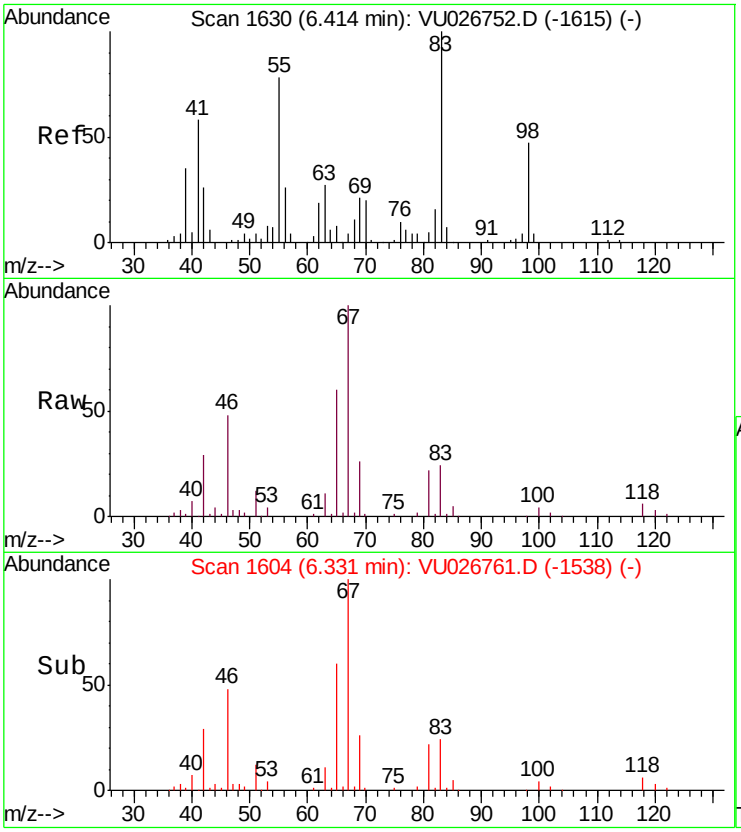


#25
Chloroform
Concen: 1.060 ug/L
RT: 4.68 min Scan# 1091
Delta R.T. 0.01 min
Lab File: VU026761.D
Acq: 14 Sep 2018 13:17

Tgt Ion: 83 Resp: 2210

Ion	Ratio	Lower	Upper
83	100		
85	70.2	45.6	84.6



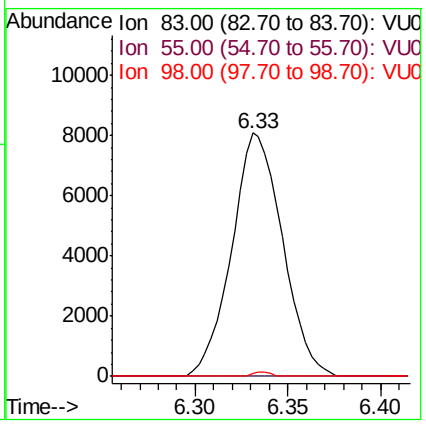


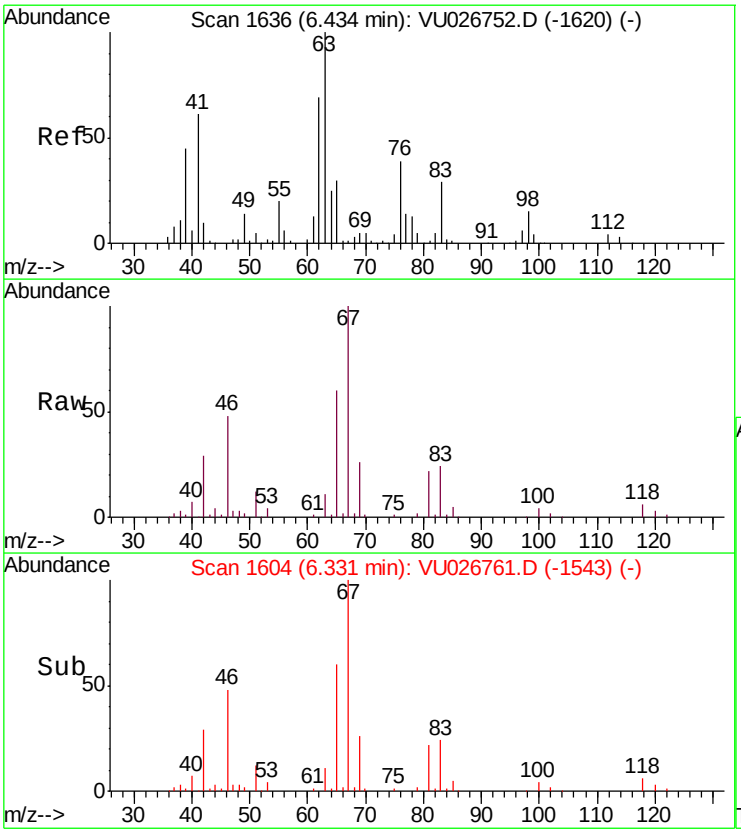
#35
Methylcyclohexane
Concen: 8.640 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.09 min
Lab File: VU026761.D
Acq: 14 Sep 2018 13:17

Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

Tgt Ion: 83 Resp: 15420

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.9	94.3#
98	0.6	37.0	55.4#

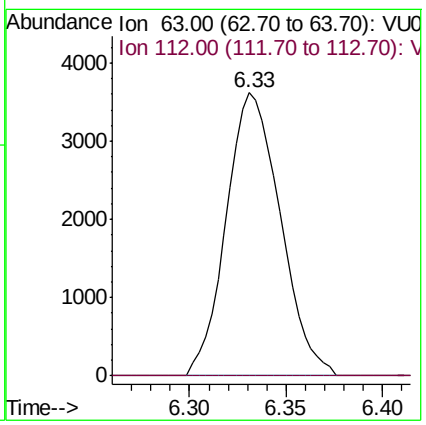


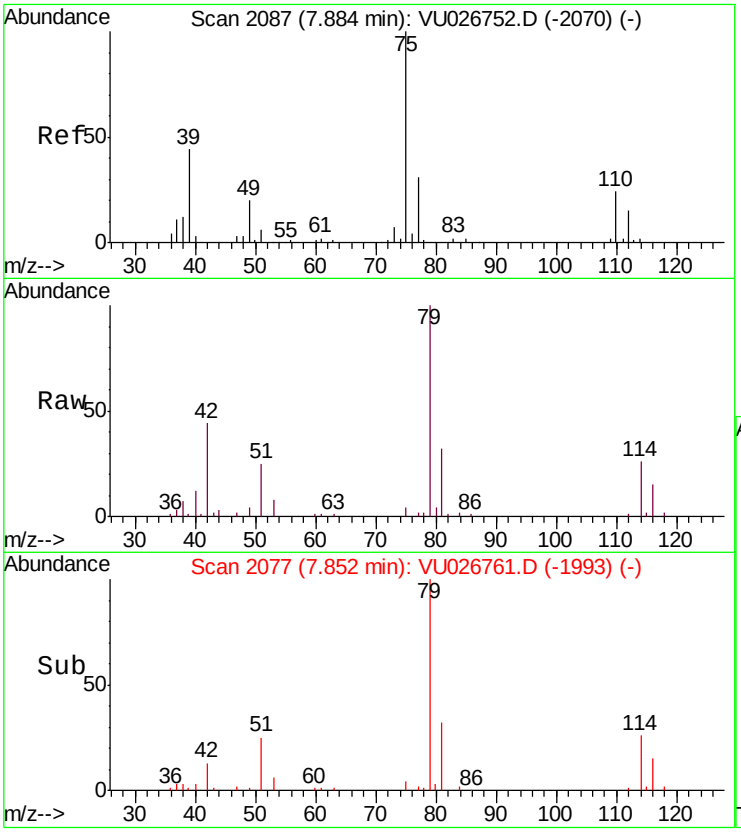


#37
1,2-Dichloropropane
Concen: 5.611 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.10 min
Lab File: VU026761.D
Acq: 14 Sep 2018 13:17

Tgt Ion: 63 Resp: 7032

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.9	4.3#



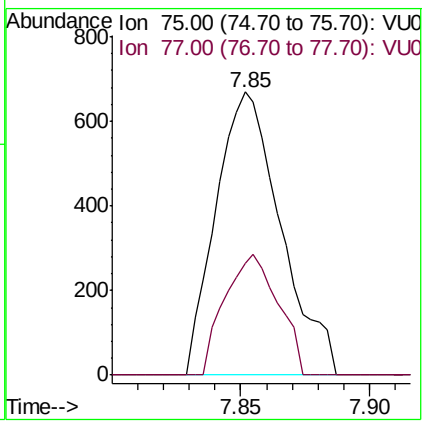


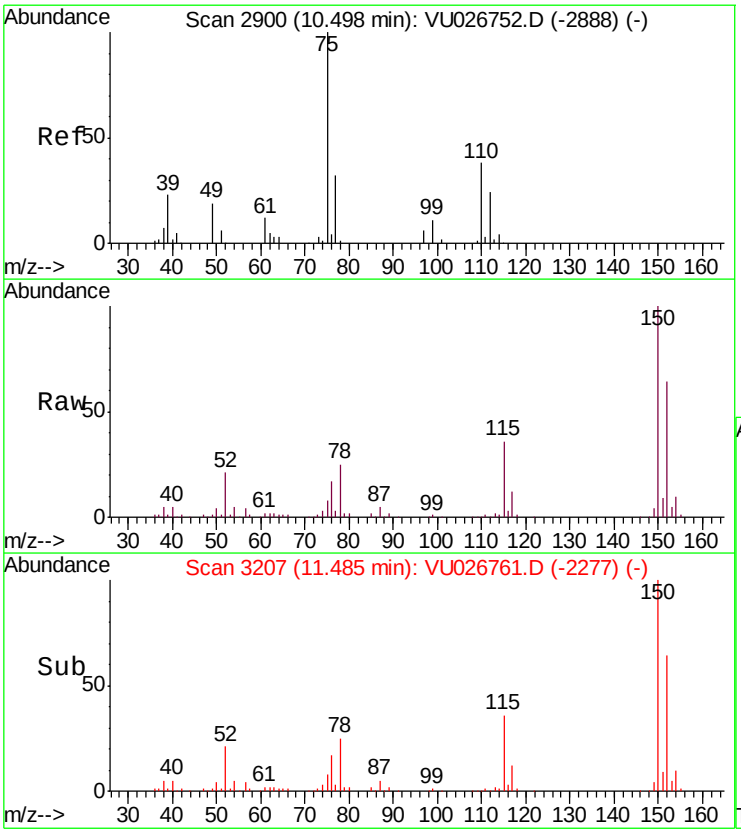
#44
trans-1,3-Dichloropropene
Concen: 0.681 ug/L
RT: 7.85 min Scan# 2077
Delta R.T. -0.03 min
Lab File: VU026761.D
Acq: 14 Sep 2018 13:17

Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

Tgt Ion: 75 Resp: 1175

Ion	Ratio	Lower	Upper
75	100		
77	39.8	22.4	41.6

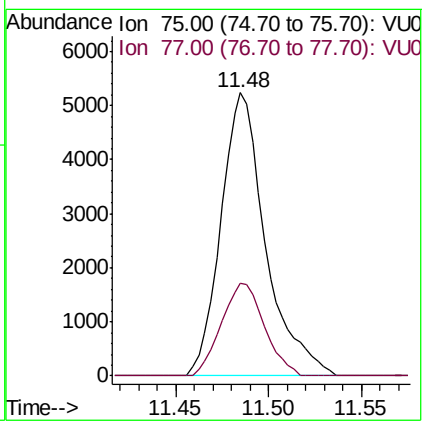


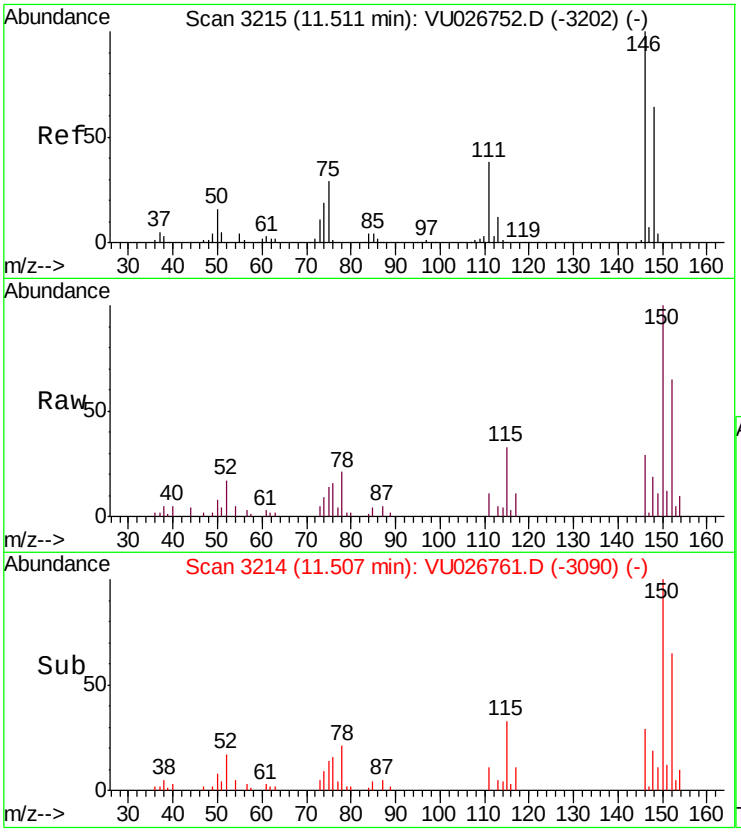


#59
1,2,3-Trichloropropane
Concen: 5.905 ug/L
RT: 11.48 min Scan# 3207
Delta R.T. 0.99 min
Lab File: VU026761.D
Acq: 14 Sep 2018 13:17

Tgt Ion: 75 Resp: 8755

Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.8	38.6



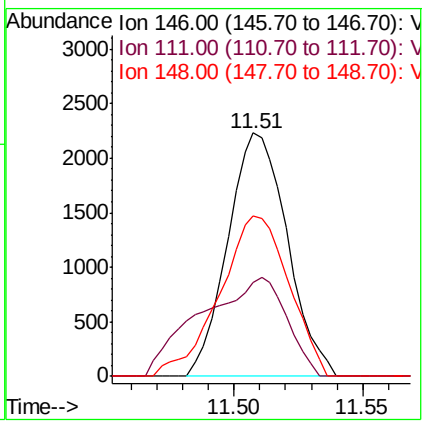


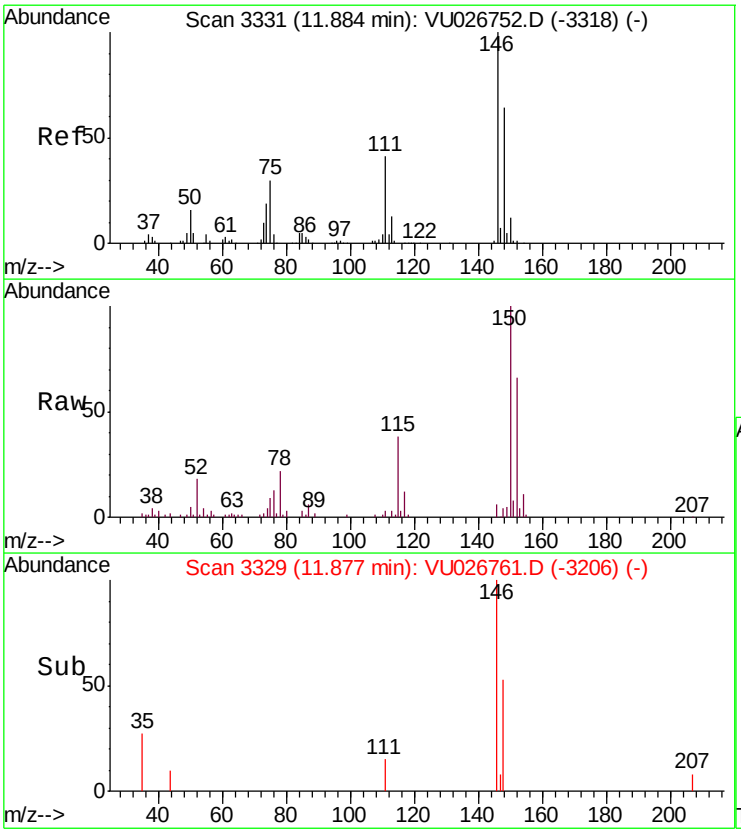
#63
1,4-Dichlorobenzene
Concen: 1.767 ug/L
RT: 11.51 min Scan# 3214
Delta R.T. -0.00 min
Lab File: VU026761.D
Acq: 14 Sep 2018 13:17

Instrument : MSVOA_U
ClientSampleId : VHBLK02

Tgt Ion:146 Resp: 3590

Ion	Ratio	Lower	Upper
146	100		
111	38.5	26.5	49.3
148	65.9	45.2	84.0





#65
1,2-Dichlorobenzene
Concen: 1.127 ug/L
RT: 11.88 min Scan# 3329
Delta R.T. -0.00 min
Lab File: VU026761.D
Acq: 14 Sep 2018 13:17

Tgt Ion:146 Resp: 2285

Ion	Ratio	Lower	Upper
146	100		
111	55.9	32.8	49.2#
148	67.7	52.2	78.4