Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080718\
Data File : VU025946.D
Acq On : 07 Aug 2018 17:45
Operator : MD/SY
Sample : J4363-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A4ZA9

Quant Time: Aug 08 04:22:37 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080718WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 07 12:44:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	364797	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	346148	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	170945	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	103249	51.07	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 102.14%			
7) Chloroethane-d5	1.68	69	79117	52.19	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 104.38%			
11) 1,1-Dichloroethene-d2	2.27	63	144754	36.97	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 73.94%			
21) 2-Butanone-d5	4.18	46	152196	109.42	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 109.42%			
24) Chloroform-d	4.65	84	197567	50.49	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.98%			
26) 1,2-Dichloroethane-d4	5.32	65	132502	51.30	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.60%			
32) Benzene-d6	5.35	84	392443	51.43	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.86%			
36) 1,2-Dichloropropane-d6	6.34	67	124121	52.32	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 104.64%			
41) Toluene-d8	7.57	98	369151	49.86	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.72%			
43) trans-1,3-Dichloropropene-	7.85	79	62221	50.02	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 100.04%			
47) 2-Hexanone-d5	8.31	63	103698	105.04	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 105.04%			
57) 1,1,2,2-Tetrachloroethane-	10.44	84	169779	51.66	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 103.32%			
64) 1,2-Dichlorobenzene-d4	11.86	152	153090	54.21	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 108.42%			
Target Compounds						Qvalue
37) 1,2-Dichloropropane	6.34	63	13742	5.685	ug/L #	88
48) 2-Hexanone	8.32	43	12234	4.601	ug/L #	68
51) Chlorobenzene	9.12	112	41849	6.189	ug/L	95
62) 1,3-Dichlorobenzene	11.42	146	10528	2.059	ug/L	94
63) 1,4-Dichlorobenzene	11.51	146	104115	19.982	ug/L	96
65) 1,2-Dichlorobenzene	11.88	146	95983	18.717	ug/L	97
67) 1,3,5-Trichlorobenzene	13.51	180	379674	100.746	ug/L	100
68) 1,2,4-trichlorobenzene	13.51	180	379674	116.082	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	106237	31.703	ug/L	100

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

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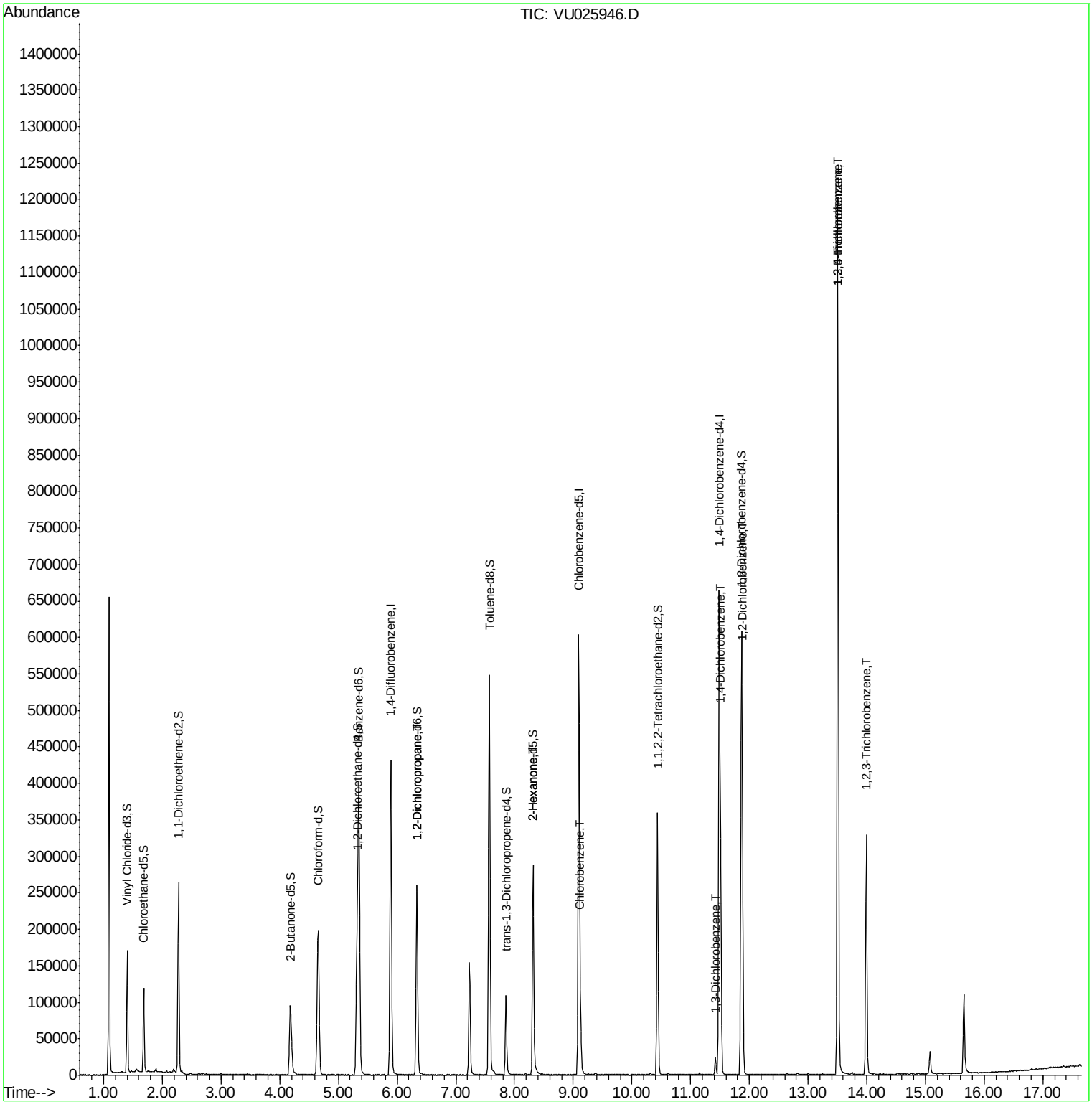
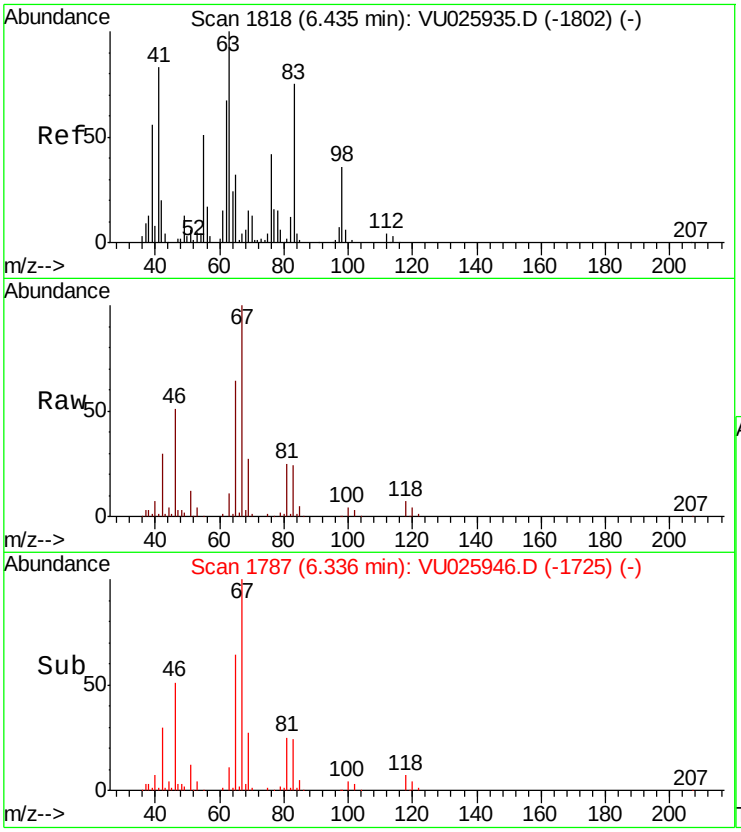


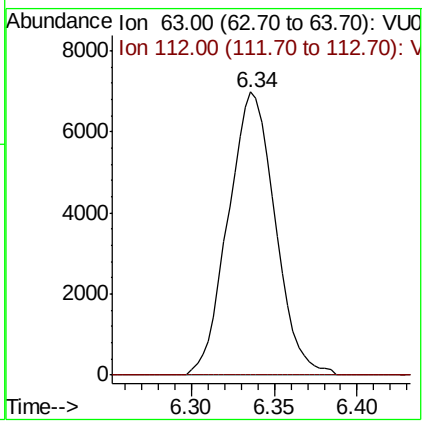


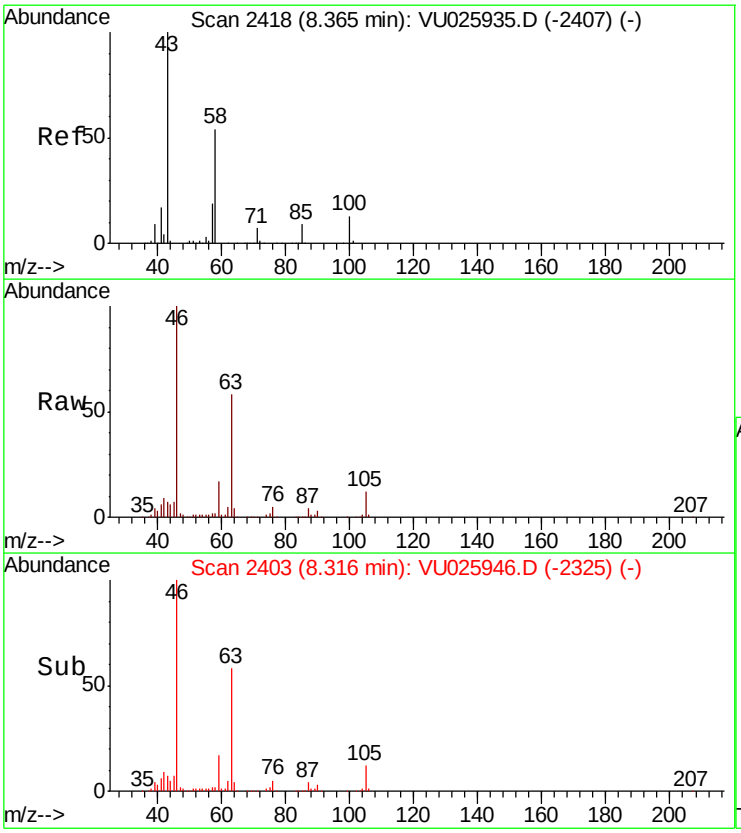
#37
1,2-Dichloropropane
Concen: 5.685 ug/L
RT: 6.34 min Scan# 1787
Delta R.T. -0.10 min
Lab File: VU025946.D
Acq: 07 Aug 2018 17:45

Instrument :
MSVOA_U
ClientSampleId :
A4ZA9

Tgt Ion: 63 Resp: 13742

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.3	4.9#

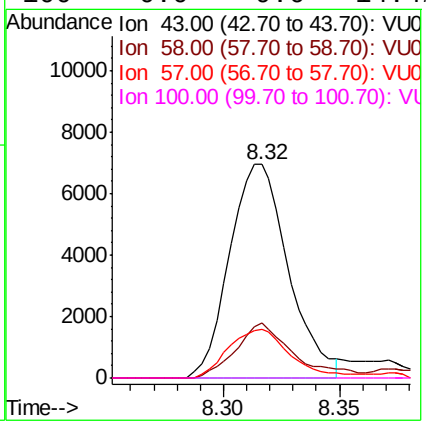


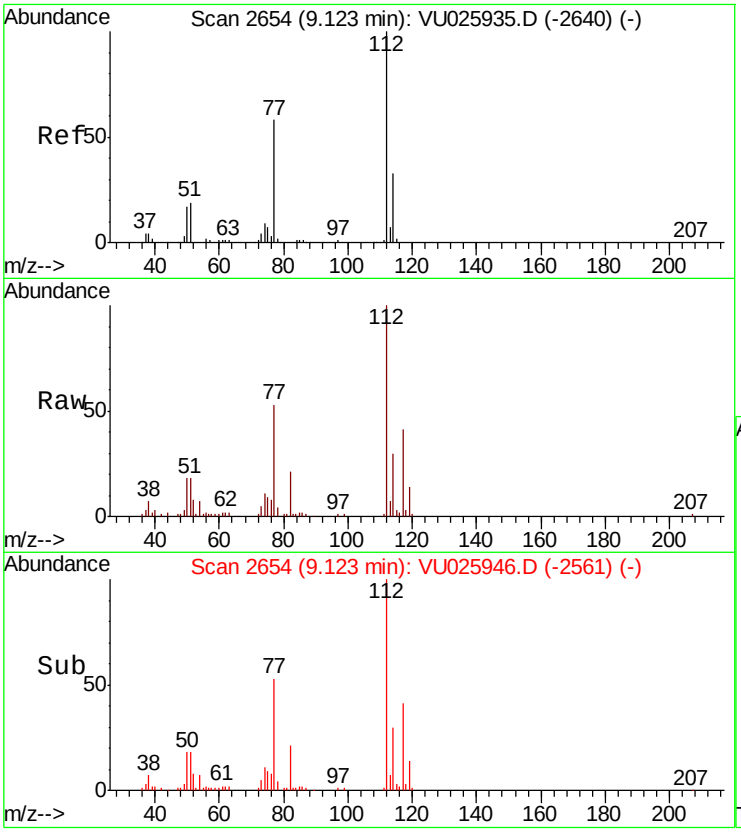


#48
2-Hexanone
Concen: 4.601 ug/L
RT: 8.32 min Scan# 2403
Delta R.T. -0.05 min
Lab File: VU025946.D
Acq: 07 Aug 2018 17:45

Tgt Ion: 43 Resp: 12234

Ion	Ratio	Lower	Upper
43	100		
58	25.3	42.9	64.3#
57	24.1	15.4	23.2#
100	0.0	9.6	14.4#



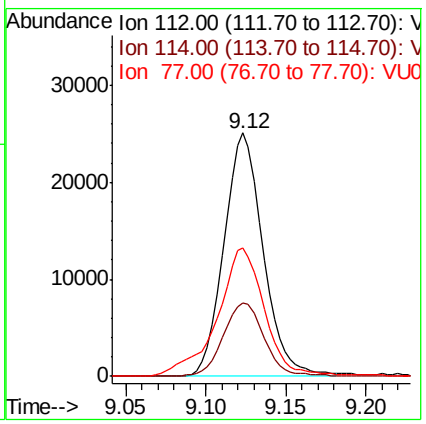


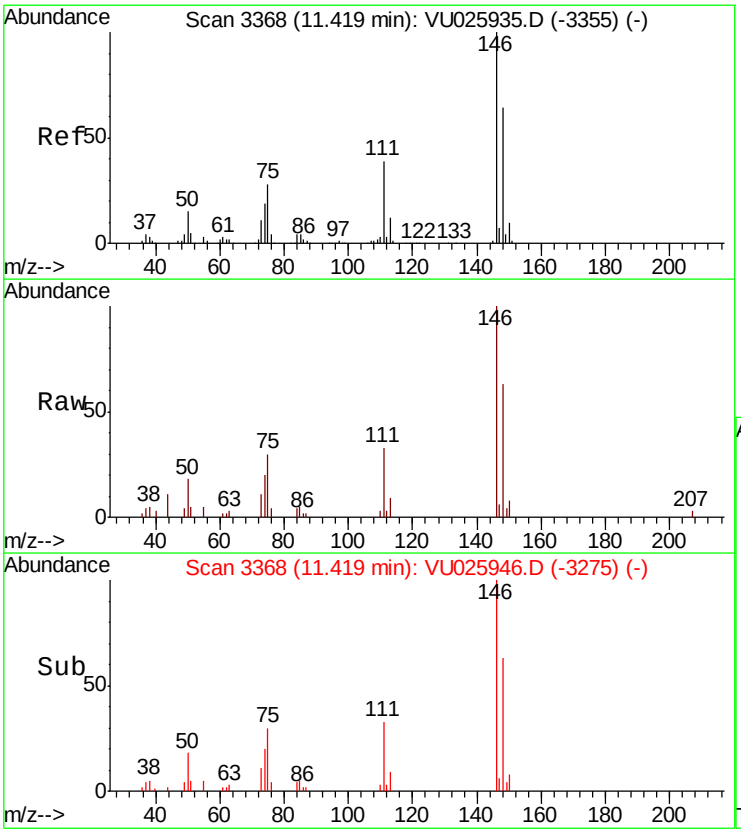
#51
Chlorobenzene
Concen: 6.189 ug/L
RT: 9.12 min Scan# 2654
Delta R.T. -0.00 min
Lab File: VU025946.D
Acq: 07 Aug 2018 17:45

Instrument : MSVOA_U
ClientSampleId : A4ZA9

Tgt Ion:112 Resp: 41849

Ion	Ratio	Lower	Upper
112	100		
114	30.2	22.5	41.9
77	53.0	45.8	68.8

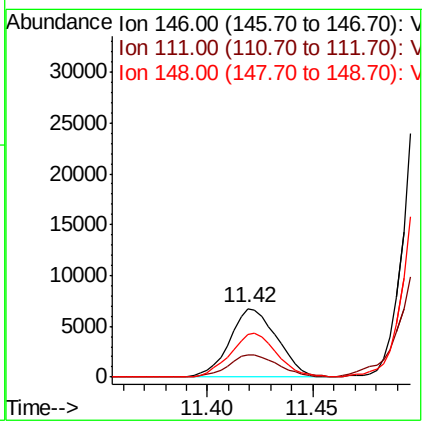


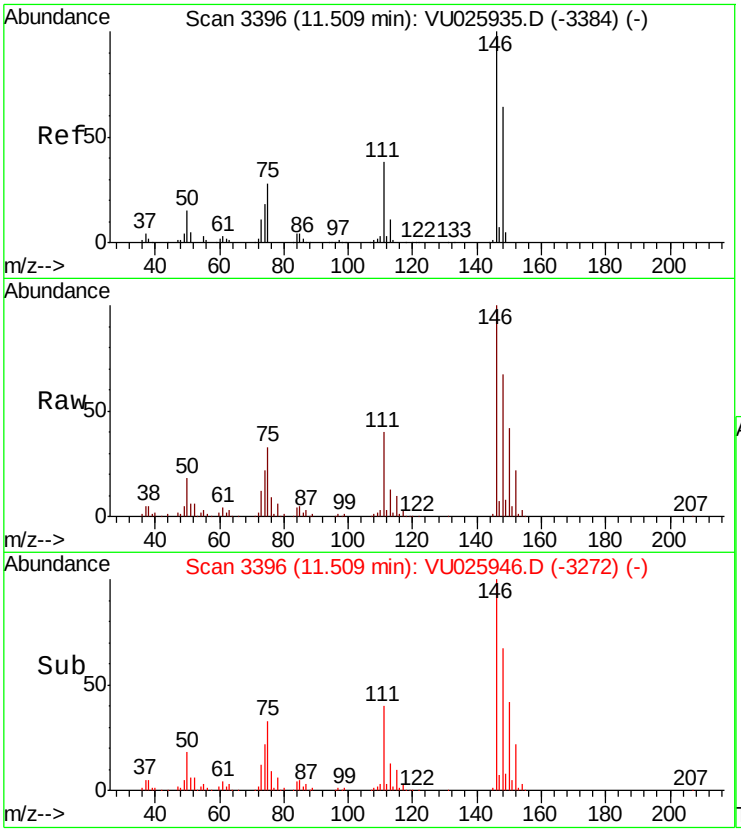


#62
1,3-Dichlorobenzene
Concen: 2.059 ug/L
RT: 11.42 min Scan# 3368
Delta R.T. -0.00 min
Lab File: VU025946.D
Acq: 07 Aug 2018 17:45

Tgt Ion:146 Resp: 10528

Ion	Ratio	Lower	Upper
146	100		
111	32.6	27.7	51.5
148	62.7	45.5	84.5



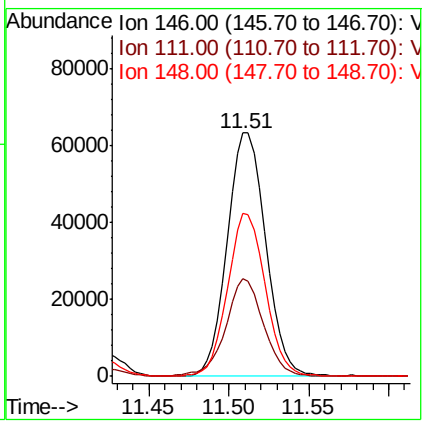


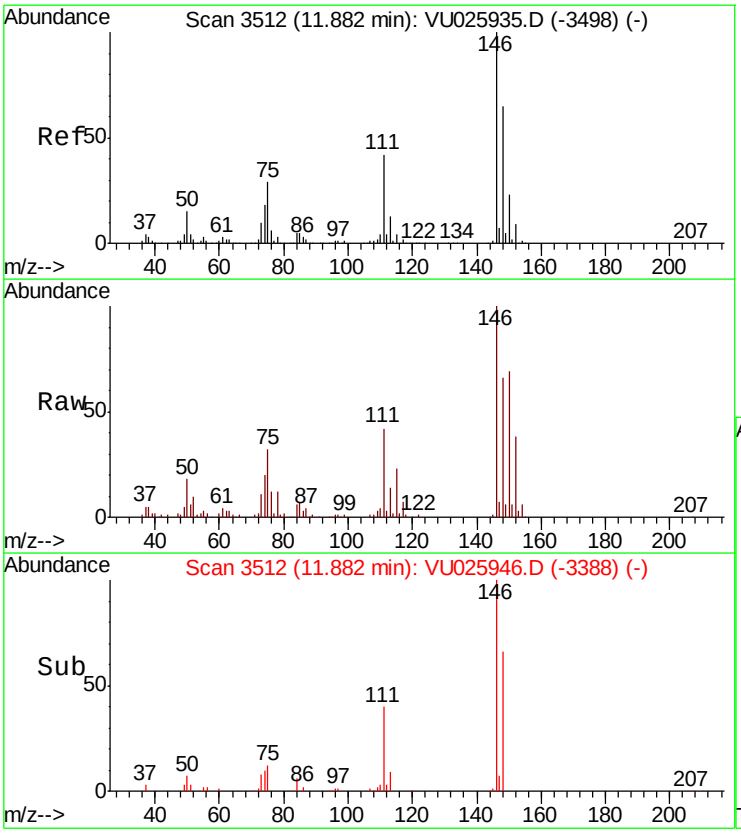
#63
1,4-Dichlorobenzene
Concen: 19.982 ug/L
RT: 11.51 min Scan# 3396
Delta R.T. -0.00 min
Lab File: VU025946.D
Acq: 07 Aug 2018 17:45

Instrument :
MSVOA_U
ClientSampleId :
A4ZA9

Tgt Ion:146 Resp: 104115

Ion	Ratio	Lower	Upper
146	100		
111	40.1	26.9	49.9
148	67.0	44.6	82.8

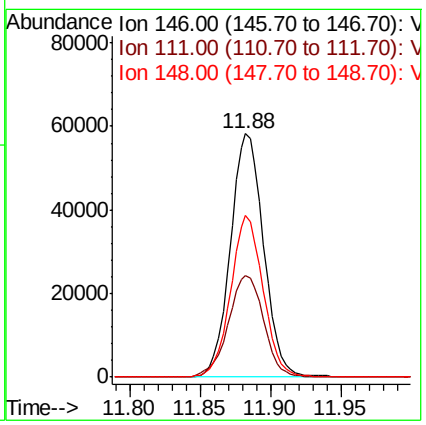


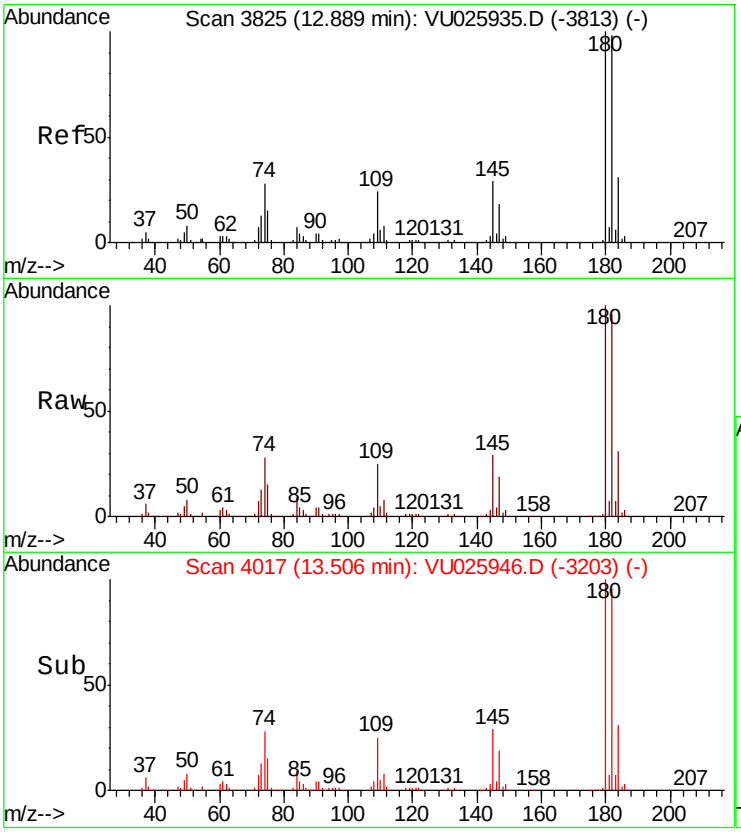


#65
1,2-Dichlorobenzene
Concen: 18.717 ug/L
RT: 11.88 min Scan# 3512
Delta R.T. -0.00 min
Lab File: VU025946.D
Acq: 07 Aug 2018 17:45

Tgt Ion:146 Resp: 95983

Ion	Ratio	Lower	Upper
146	100		
111	41.7	32.4	48.6
148	66.3	50.7	76.1



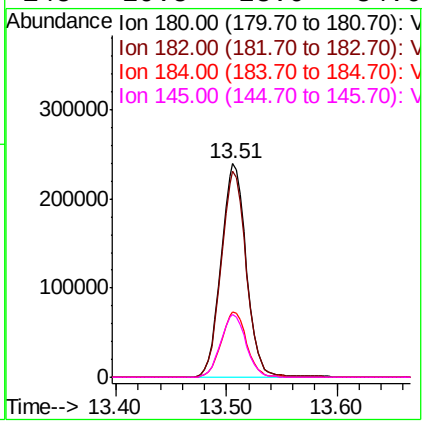


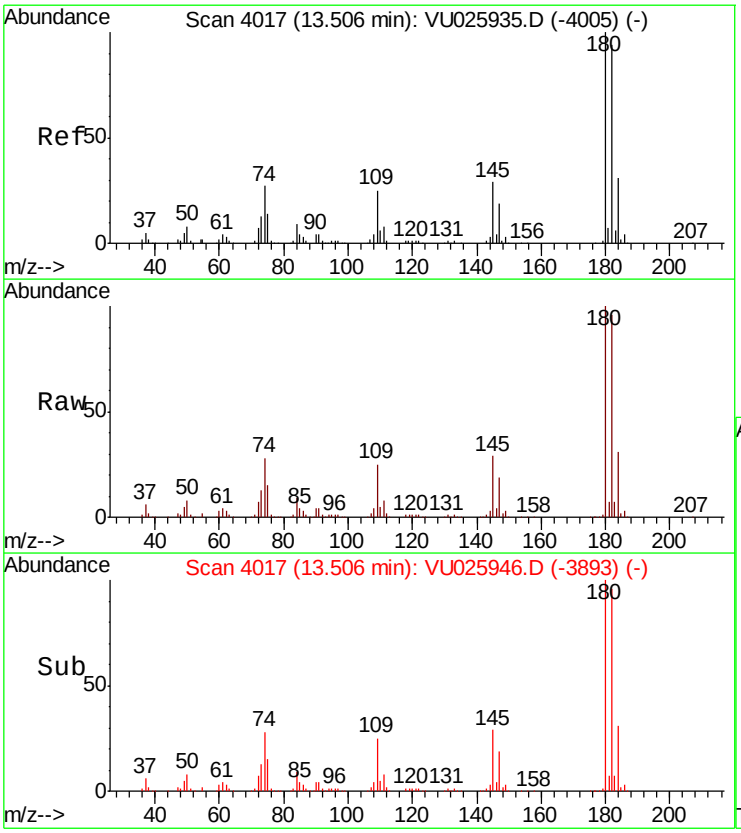
#67
1,3,5-Trichlorobenzene
Concen: 100.746 ug/L
RT: 13.51 min Scan# 4017
Delta R.T. 0.62 min
Lab File: VU025946.D
Acq: 07 Aug 2018 17:45

Instrument :
MSVOA_U
ClientSampleId :
A4ZA9

Tgt Ion:180 Resp: 379674

Ion	Ratio	Lower	Upper
180	100		
182	96.5	77.3	115.9
184	30.9	24.6	36.8
145	29.5	23.0	34.6

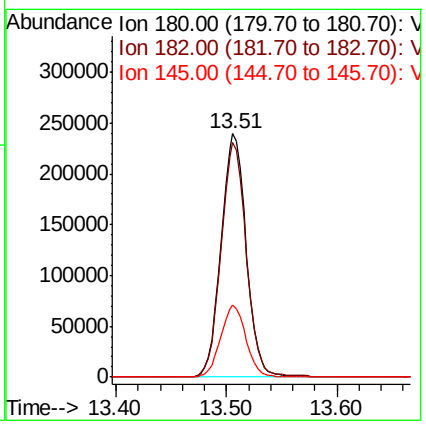


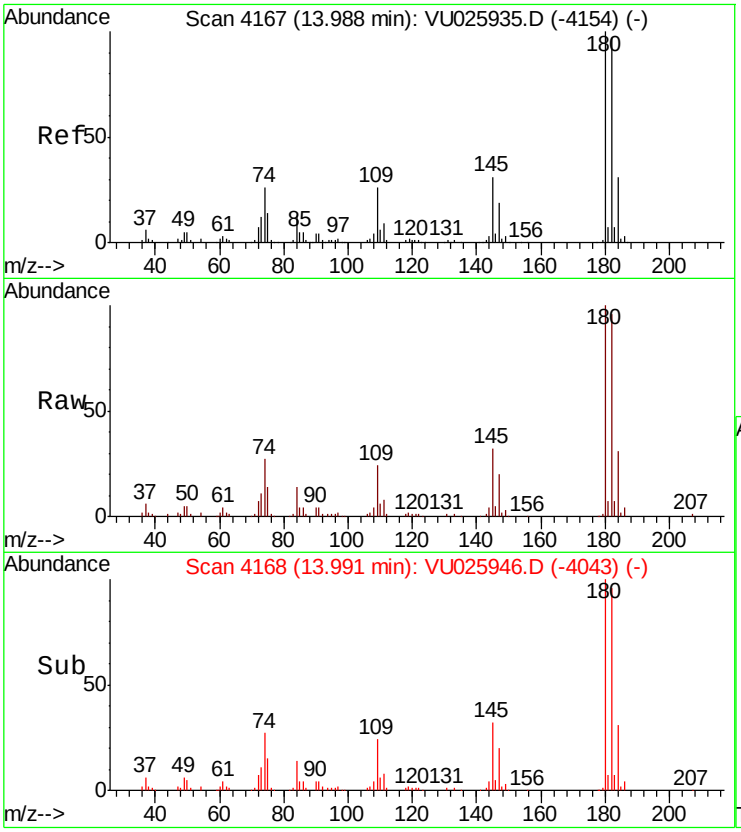


#68
1,2,4-trichlorobenzene
Concen: 116.082 ug/L
RT: 13.51 min Scan# 4017
Delta R.T. -0.00 min
Lab File: VU025946.D
Acq: 07 Aug 2018 17:45

Tgt Ion:180 Resp: 379674

Ion	Ratio	Lower	Upper
180	100		
182	96.5	78.1	117.1
145	29.5	23.4	35.2





#70
1,2,3-Trichlorobenzene
Concen: 31.703 ug/L
RT: 13.99 min Scan# 4168
Delta R.T. 0.00 min
Lab File: VU025946.D
Acq: 07 Aug 2018 17:45

Instrument :
MSVOA_U
ClientSampleId :
A4ZA9

Tgt Ion:180 Resp: 106237

Ion	Ratio	Lower	Upper
180	100		
182	96.1	76.6	114.8
145	31.5	25.4	38.2