Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080718\
Data File : VU025943.D
Acq On : 07 Aug 2018 16:35
Operator : MD/SY
Sample : J4363-03MSD
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A4ZA4MSD

Quant Time: Aug 08 04:22:16 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	377208	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	354258	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	199763	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	109069	52.18	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 104.36%			
7) Chloroethane-d5	1.68	69	84444	53.87	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 107.74%			
11) 1,1-Dichloroethene-d2	2.27	63	200686	49.57	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 99.14%			
21) 2-Butanone-d5	4.18	46	162610	113.06	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 113.06%			
24) Chloroform-d	4.65	84	211760	52.33	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.66%			
26) 1,2-Dichloroethane-d4	5.31	65	142345	53.29	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.58%			
32) Benzene-d6	5.35	84	428677	54.90	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 109.80%			
36) 1,2-Dichloropropane-d6	6.34	67	133827	55.12	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 110.24%			
41) Toluene-d8	7.57	98	405208	53.48	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.96%			
43) trans-1,3-Dichloropropene-	7.85	79	69952	54.95	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 109.90%			
47) 2-Hexanone-d5	8.31	63	115002	113.83	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 113.83%			
57) 1,1,2,2-Tetrachloroethane-	10.44	84	182360	54.22	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 108.44%			
64) 1,2-Dichlorobenzene-d4	11.87	152	181363	54.96	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 109.92%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.28	96	85286	44.793	ug/L	91
13) Acetone	2.32	43	111452	65.461	ug/L	97
22) 2-Butanone	4.27	43	139051	65.324	ug/L	100
27) 1,2-Dichloroethane	5.40	62	8851	2.461	ug/L #	91
33) Benzene	5.39	78	441076	47.632	ug/L	100
34) Trichloroethene	6.19	95	116888	45.359	ug/L	99
37) 1,2-Dichloropropane	6.34	63	15050	6.083	ug/L #	88
40) 4-Methyl-2-pentanone	7.46	43	10252	3.039	ug/L	98
42) Toluene	7.64	91	547847	54.213	ug/L	100
51) Chlorobenzene	9.13	112	8952132	1293.706	ug/L	99
52) Ethylbenzene	9.25	91	18405	1.601	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	603754	101.020	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	6404155	1051.774	ug/L	99
65) 1,2-Dichlorobenzene	11.89	146	6527399	1089.232	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.63	75	11860	13.023	ug/L #	3
67) 1,3,5-Trichlorobenzene	13.51	180	4325183	982.120	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	4325183	1131.619	ug/L	98

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080718\
Data File : VU025943.D
Acq On : 07 Aug 2018 16:35
Operator : MD/SY
Sample : J4363-03MSD
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A4ZA4MSD

Quant Time: Aug 08 04:22:16 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)
70) 1,2,3-Trichlorobenzene	13.99	180	988139	252.335	ug/L	100

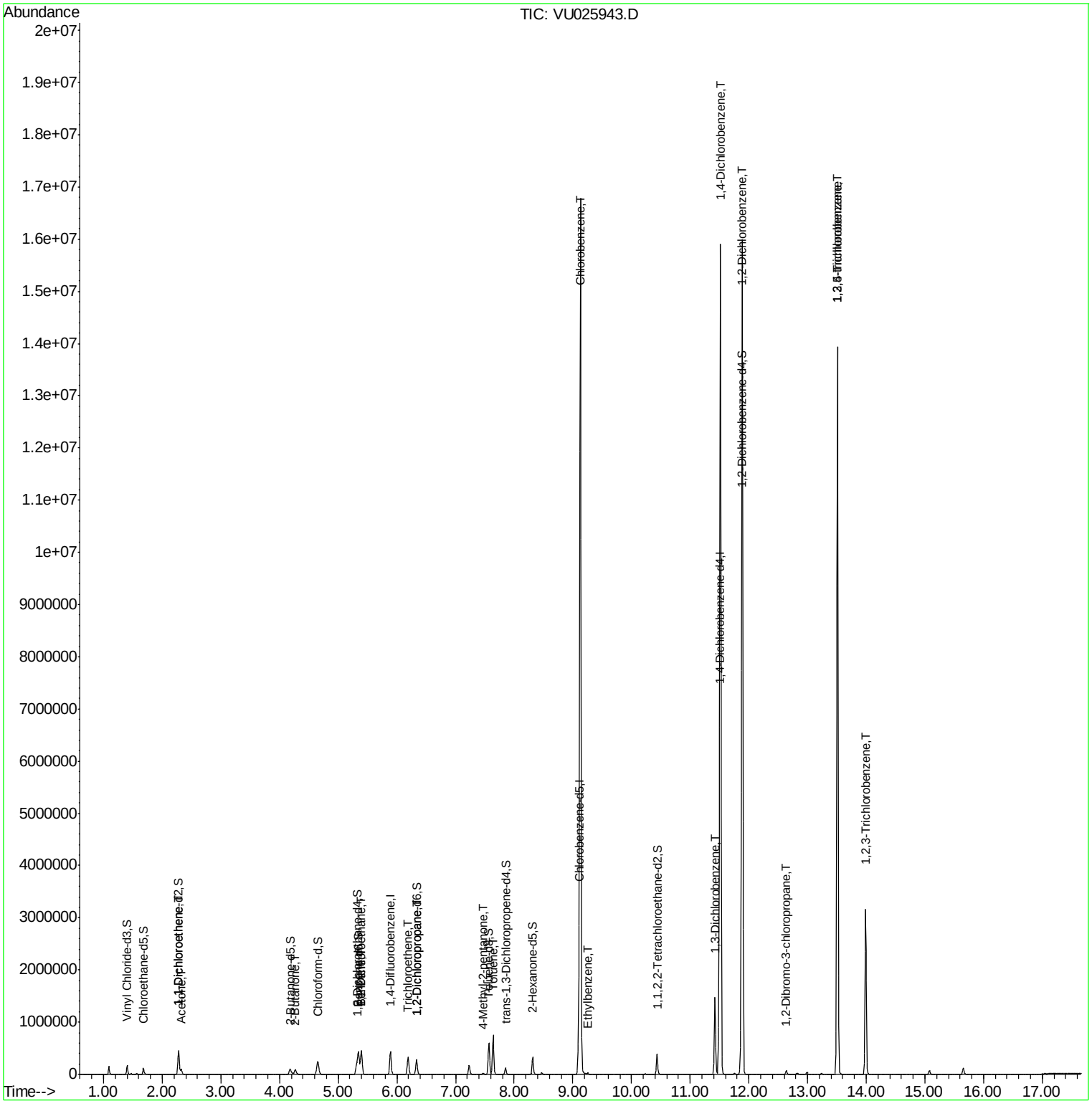
(#) = qualifier out of range (m) = manual integration (+) = signals summed

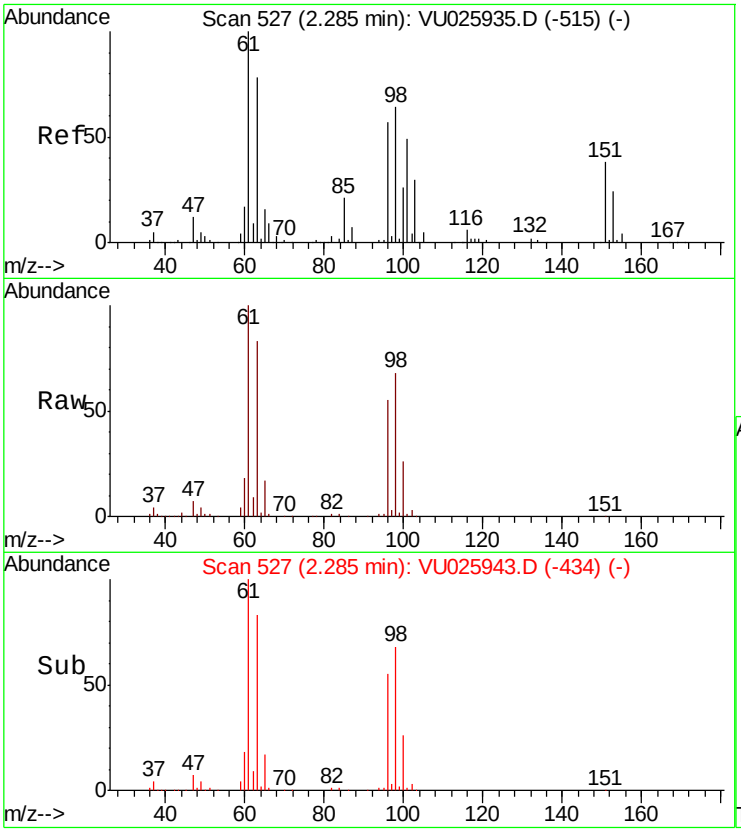
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080718\
Data File : VU025943.D
Acq On : 07 Aug 2018 16:35
Operator : MD/SY
Sample : J4363-03MSD
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A4ZA4MSD

Quant Time: Aug 08 04:22:16 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



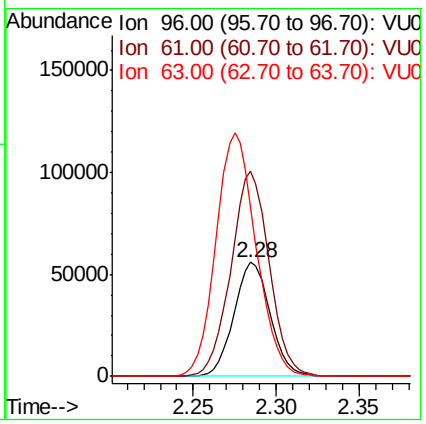


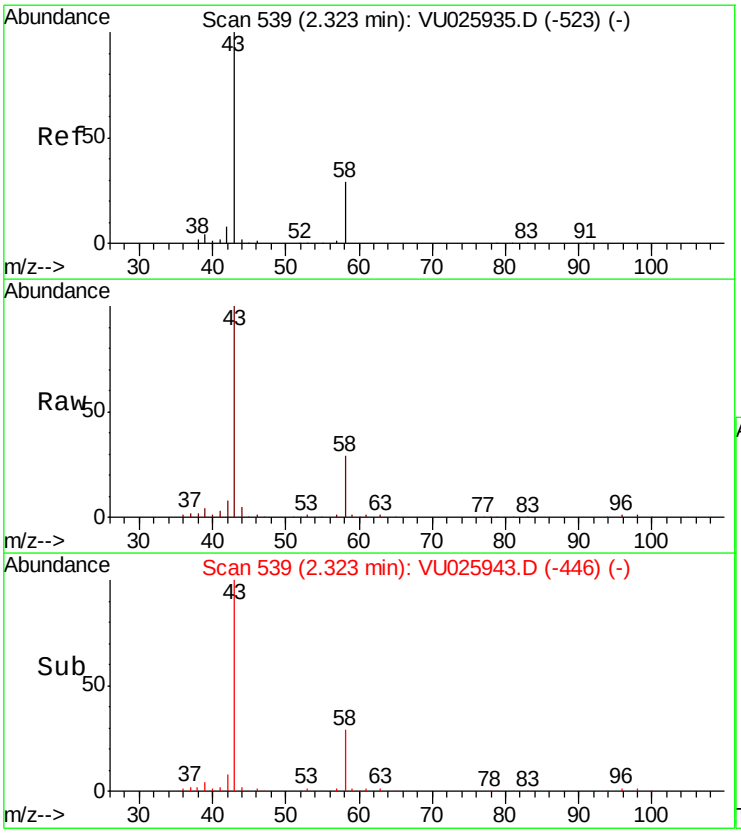
#12
1,1-Dichloroethene
Concen: 44.793 ug/L
RT: 2.28 min Scan# 527
Delta R.T. 0.00 min
Lab File: VU025943.D
Acq: 07 Aug 2018 16:35

Instrument : MSVOA_U
ClientSampleId : A4ZA4MSD

Tgt Ion: 96 Resp: 85286

Ion	Ratio	Lower	Upper
96	100		
61	180.4	122.5	227.5
63	149.3	90.9	168.9

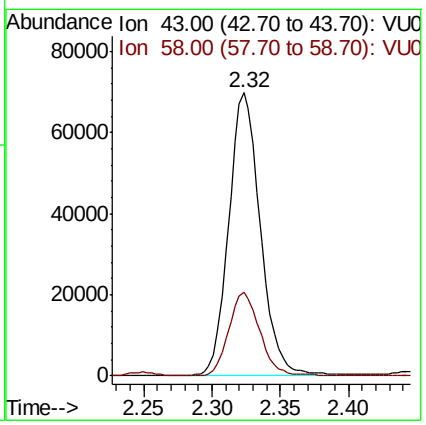


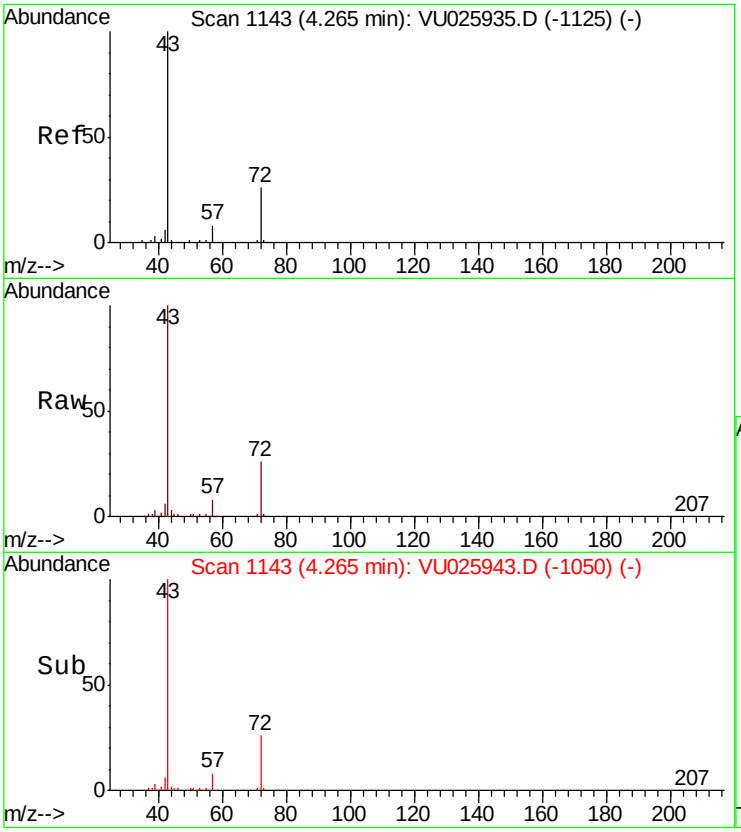


#13
Acetone
Concen: 65.461 ug/L
RT: 2.32 min Scan# 539
Delta R.T. 0.00 min
Lab File: VU025943.D
Acq: 07 Aug 2018 16:35

Tgt Ion: 43 Resp: 111452

Ion	Ratio	Lower	Upper
43	100		
58	29.0	0.0	61.2



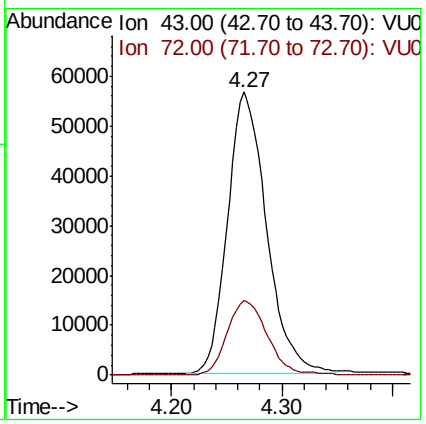


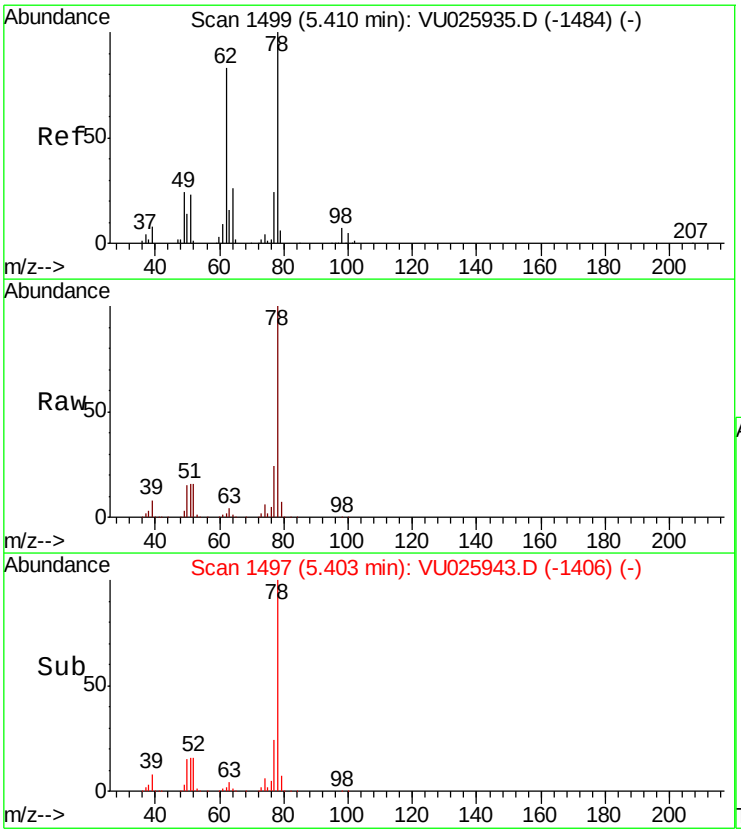
#22
2-Butanone
Concen: 65.324 ug/L
RT: 4.27 min Scan# 1143
Delta R.T. 0.00 min
Lab File: VU025943.D
Acq: 07 Aug 2018 16:35

Instrument :
MSVOA_U
ClientSampleId :
A4ZA4MSD

Tgt Ion: 43 Resp: 139051

Ion	Ratio	Lower	Upper
43	100		
72	27.3	13.6	40.8

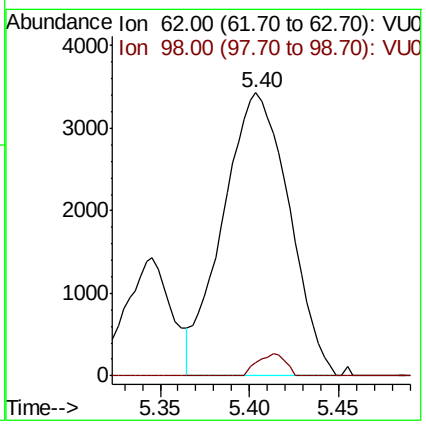


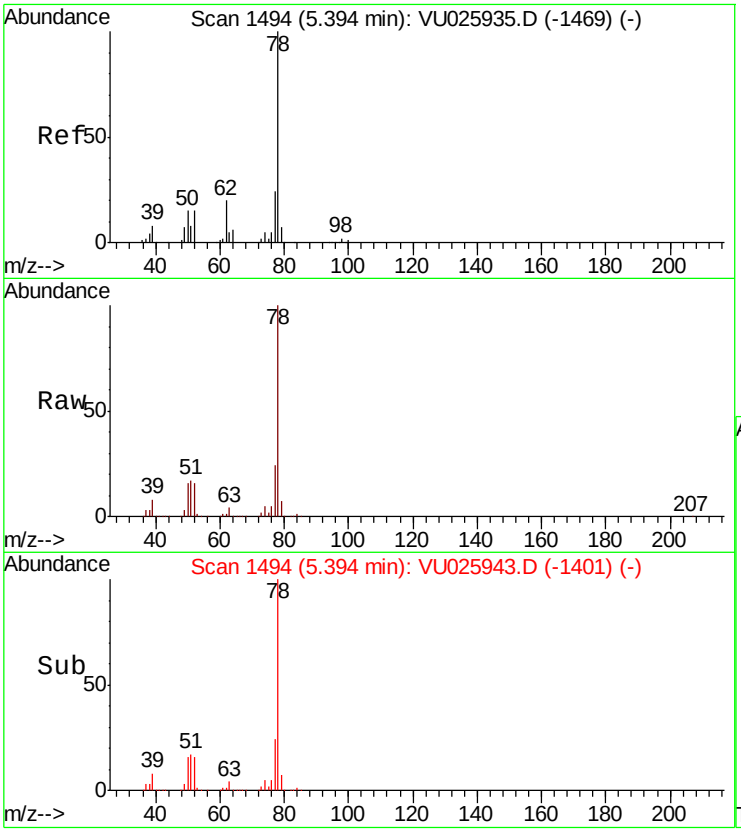


#27
1,2-Dichloroethane
Concen: 2.461 ug/L
RT: 5.40 min Scan# 1497
Delta R.T. -0.01 min
Lab File: VU025943.D
Acq: 07 Aug 2018 16:35

Tgt Ion: 62 Resp: 8851

Ion	Ratio	Lower	Upper
62	100		
98	4.8	6.5	9.7#

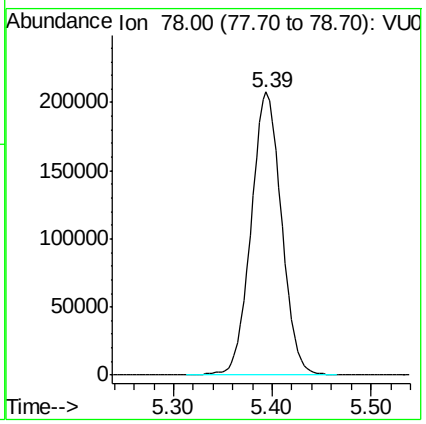


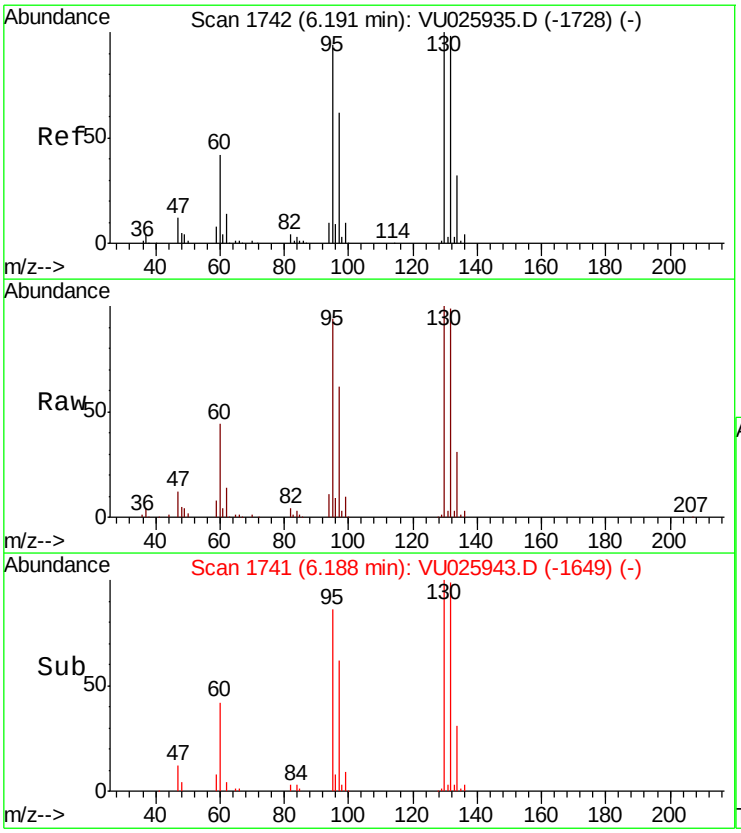


#33
Benzene
Concen: 47.632 ug/L
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU025943.D
Acq: 07 Aug 2018 16:35

Instrument :
MSVOA_U
ClientSampleId :
A4ZA4MSD

Tgt Ion: 78 Resp: 441076

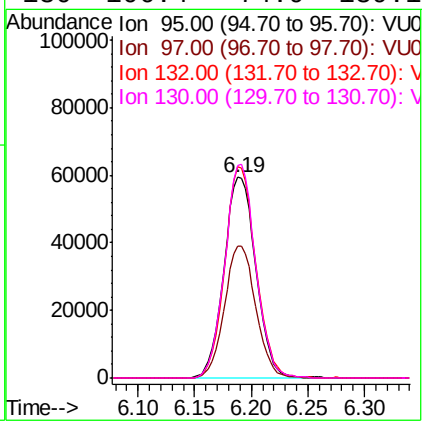


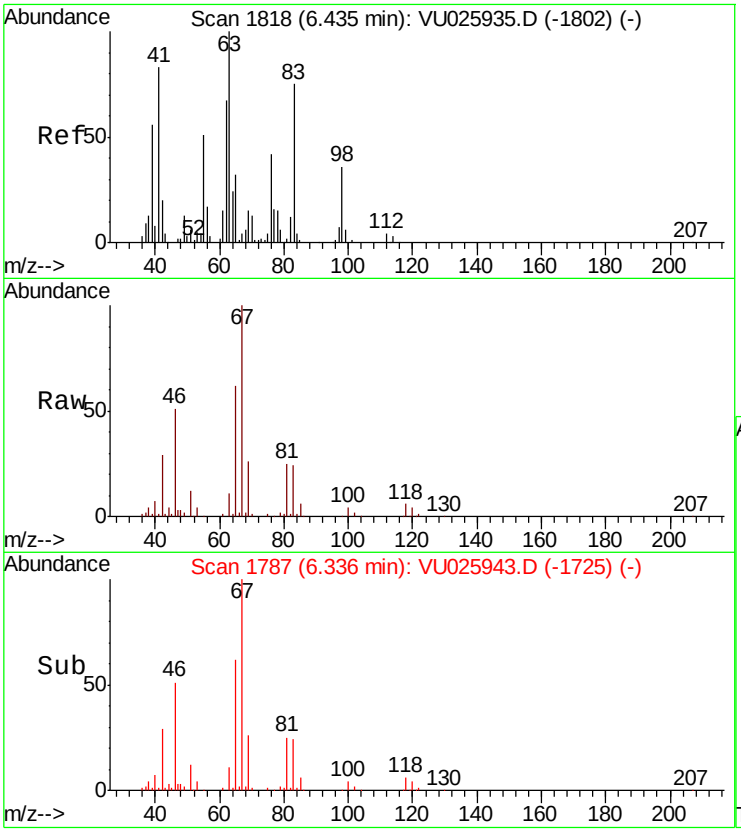


#34
Trichloroethene
Concen: 45.359 ug/L
RT: 6.19 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VU025943.D
Acq: 07 Aug 2018 16:35

Tgt Ion: 95 Resp: 116888

Ion	Ratio	Lower	Upper
95	100		
97	65.7	45.9	85.3
132	105.3	72.2	134.2
130	106.4	74.9	139.1



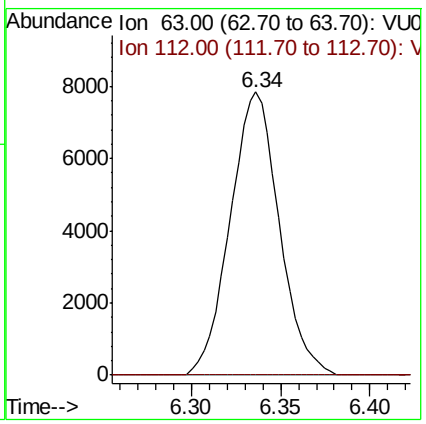


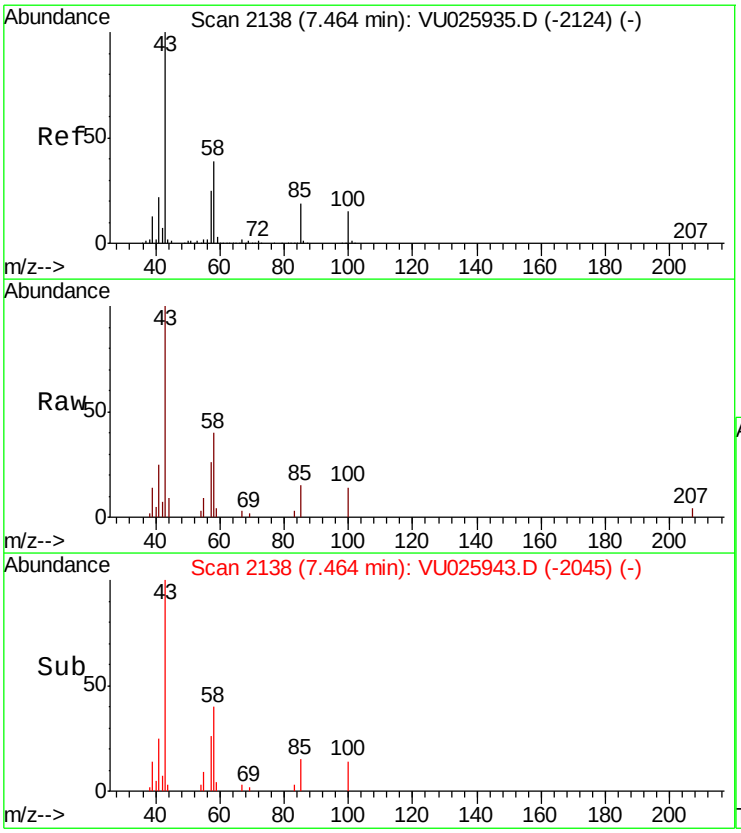
#37
1,2-Dichloropropane
Concen: 6.083 ug/L
RT: 6.34 min Scan# 1787
Delta R.T. -0.10 min
Lab File: VU025943.D
Acq: 07 Aug 2018 16:35

Instrument : MSVOA_U
ClientSampleId : A4ZA4MSD

Tgt Ion: 63 Resp: 15050

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.3	4.9#

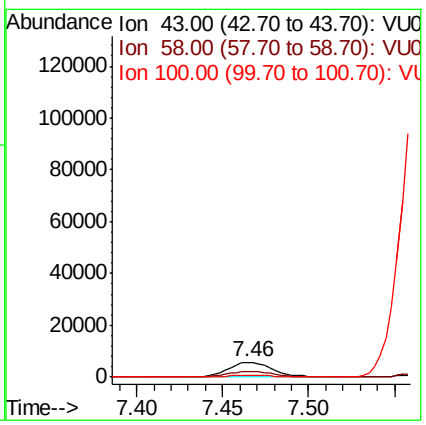


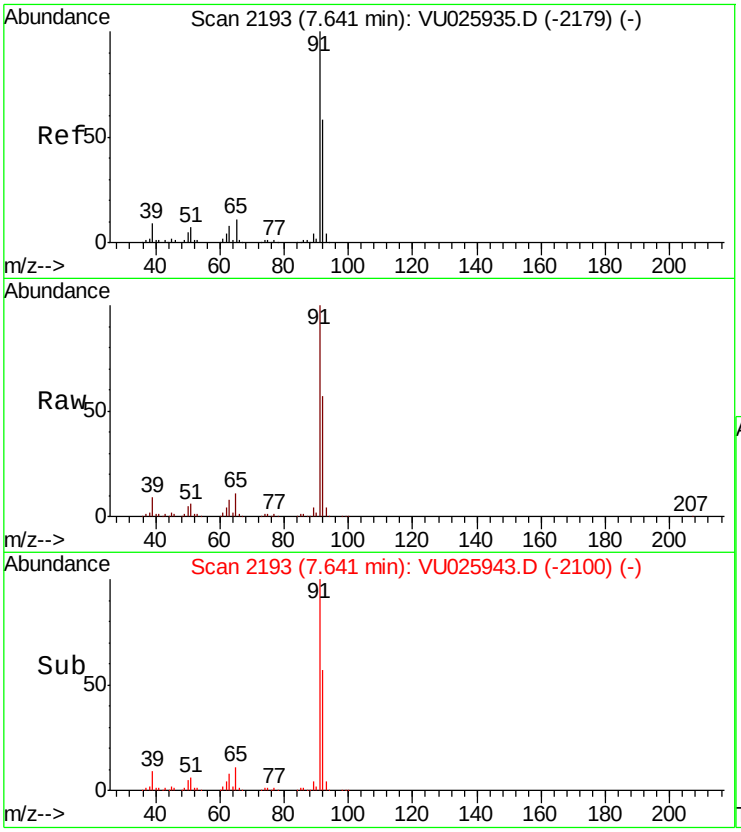


#40
4-Methyl-2-pentanone
Concen: 3.039 ug/L
RT: 7.46 min Scan# 2138
Delta R.T. 0.00 min
Lab File: VU025943.D
Acq: 07 Aug 2018 16:35

Tgt Ion: 43 Resp: 10252

Ion	Ratio	Lower	Upper
43	100		
58	38.9	30.8	46.2
100	12.3	12.1	18.1



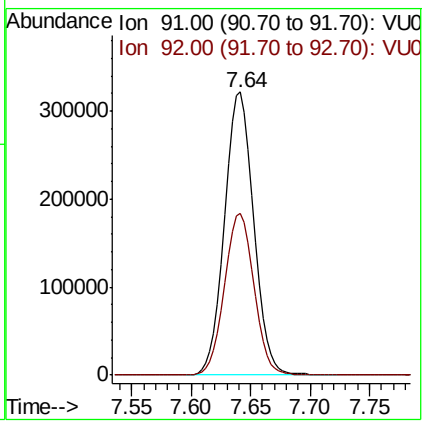


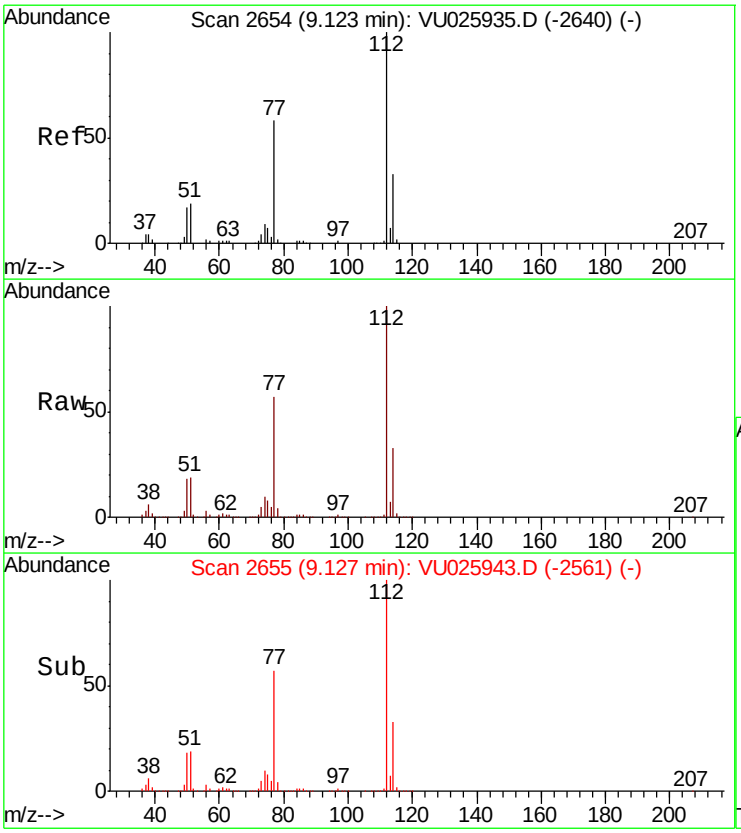
#42
Toluene
Concen: 54.213 ug/L
RT: 7.64 min Scan# 2193
Delta R.T. 0.00 min
Lab File: VU025943.D
Acq: 07 Aug 2018 16:35

Instrument :
MSVOA_U
ClientSampleId :
A4ZA4MSD

Tgt Ion: 91 Resp: 547847

Ion	Ratio	Lower	Upper
91	100		
92	57.3	40.0	74.2

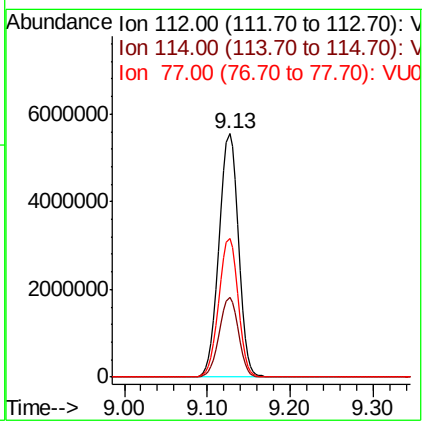


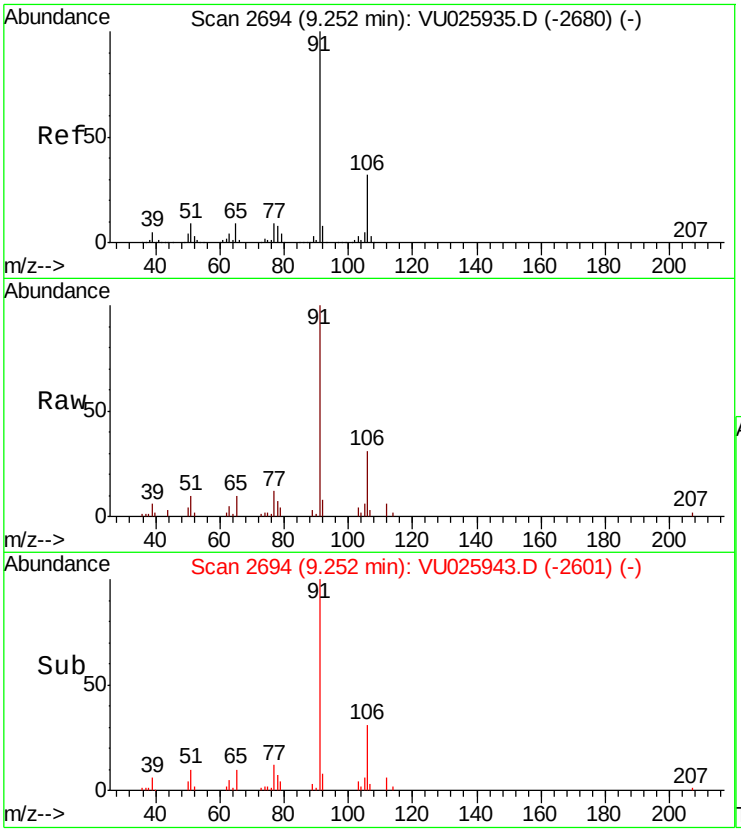


#51
Chlorobenzene
Concen: 1293.706 ug/L
RT: 9.13 min Scan# 2655
Delta R.T. 0.00 min
Lab File: VU025943.D
Acq: 07 Aug 2018 16:35

Tgt Ion:112 Resp: 8952132

Ion	Ratio	Lower	Upper
112	100		
114	32.5	22.5	41.9
77	56.9	45.8	68.8



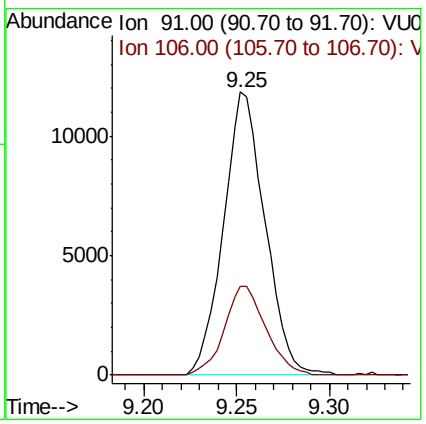


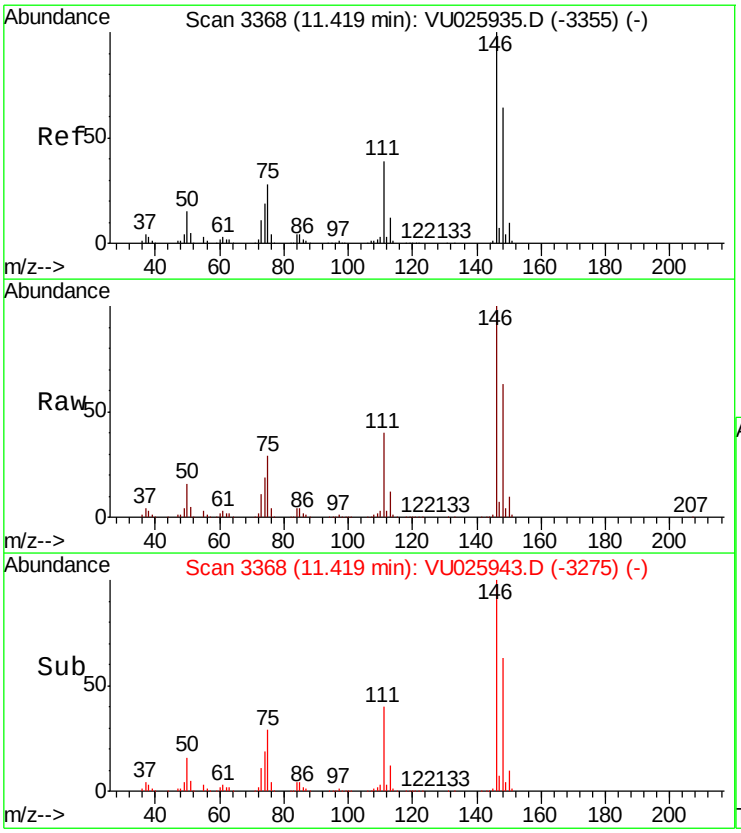
#52
Ethylbenzene
Concen: 1.601 ug/L
RT: 9.25 min Scan# 2694
Delta R.T. 0.00 min
Lab File: VU025943.D
Acq: 07 Aug 2018 16:35

Instrument :
MSVOA_U
ClientSampleId :
A4ZA4MSD

Tgt Ion: 91 Resp: 18405

Ion	Ratio	Lower	Upper
91	100		
106	31.3	22.3	41.5

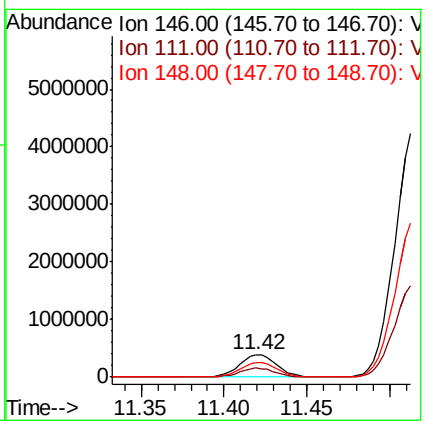


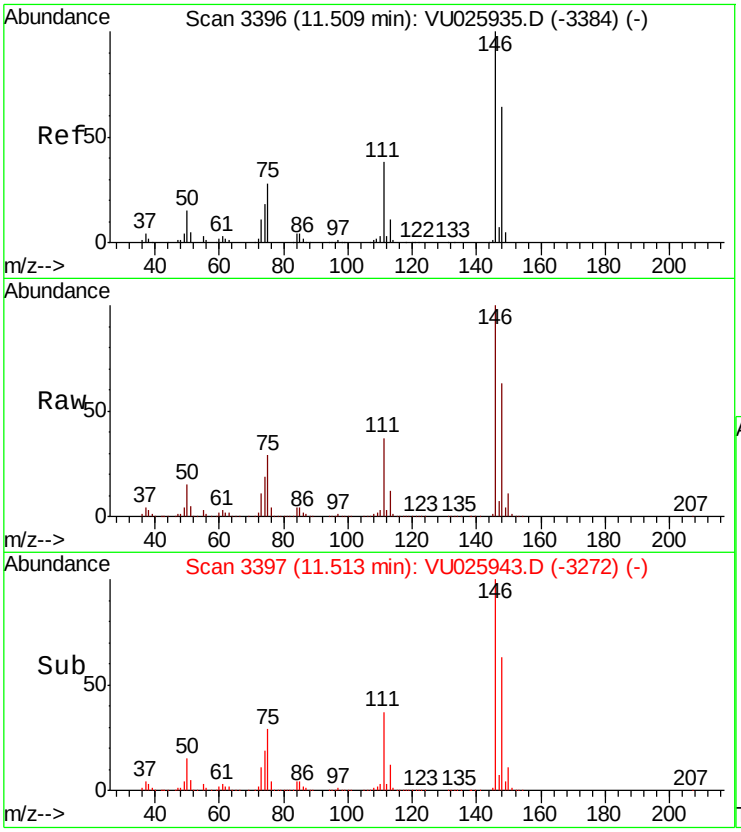


#62
1,3-Dichlorobenzene
Concen: 101.020 ug/L
RT: 11.42 min Scan# 3368
Delta R.T. 0.00 min
Lab File: VU025943.D
Acq: 07 Aug 2018 16:35

Tgt Ion:146 Resp: 603754

Ion	Ratio	Lower	Upper
146	100		
111	39.5	27.7	51.5
148	63.4	45.5	84.5



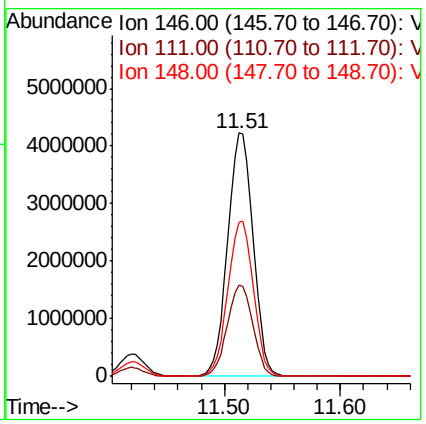


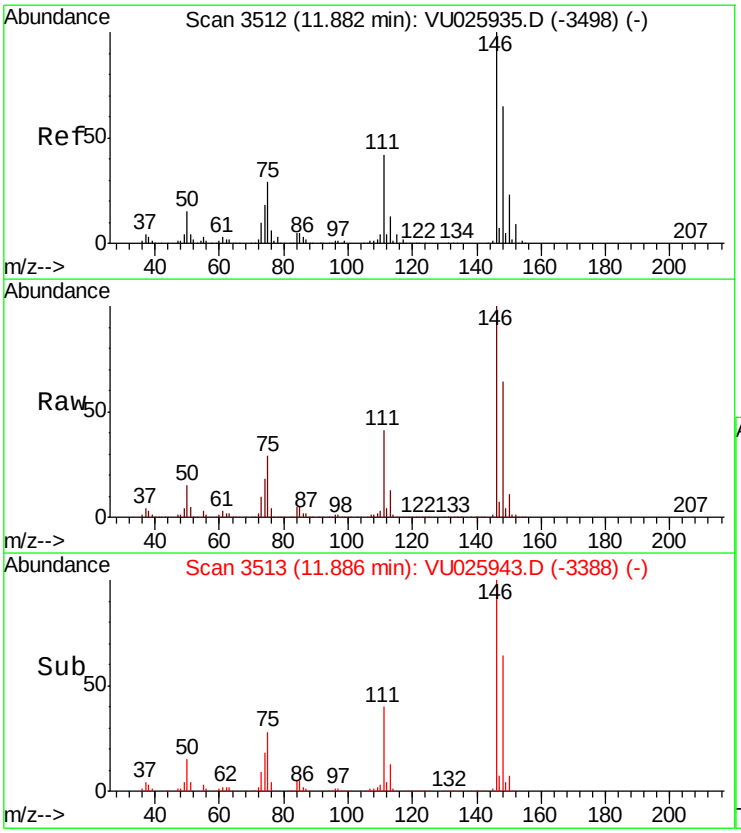
#63
1,4-Dichlorobenzene
Concen: 1051.774 ug/L
RT: 11.51 min Scan# 3397
Delta R.T. 0.00 min
Lab File: VU025943.D
Acq: 07 Aug 2018 16:35

Instrument :
MSVOA_U
ClientSampleId :
A4ZA4MSD

Tgt Ion:146 Resp: 6404155

Ion	Ratio	Lower	Upper
146	100		
111	37.5	26.9	49.9
148	63.3	44.6	82.8

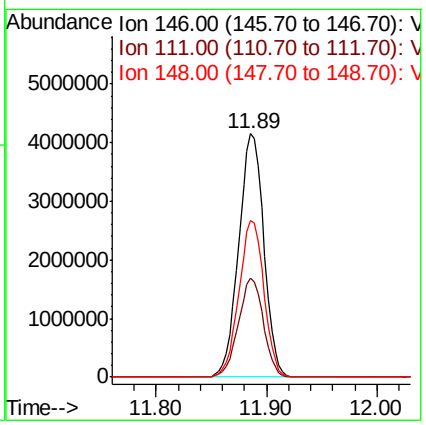


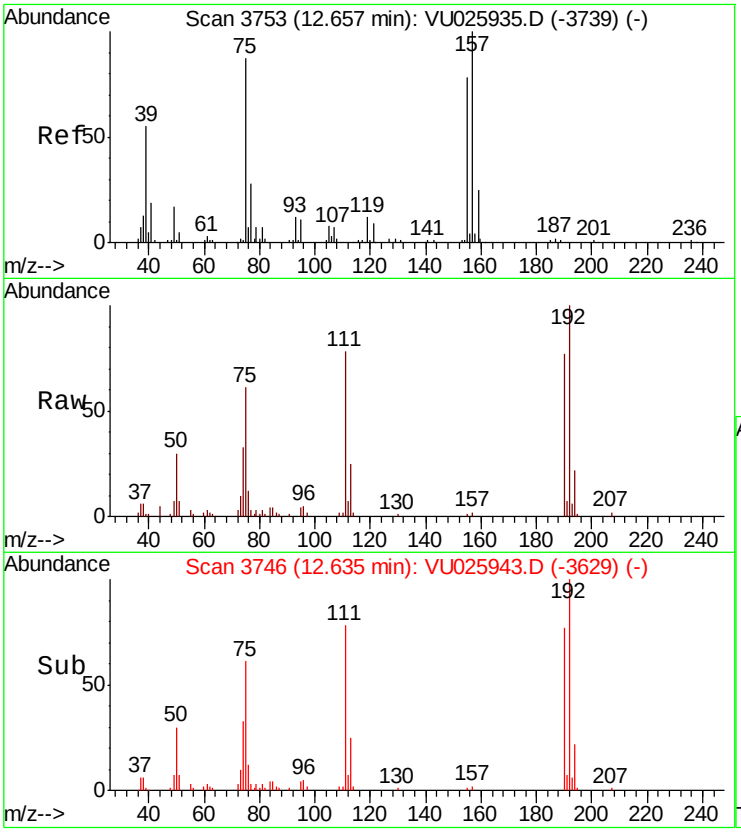


#65
1,2-Dichlorobenzene
Concen: 1089.232 ug/L
RT: 11.89 min Scan# 3513
Delta R.T. 0.00 min
Lab File: VU025943.D
Acq: 07 Aug 2018 16:35

Tgt Ion:146 Resp: 6527399

Ion	Ratio	Lower	Upper
146	100		
111	40.5	32.4	48.6
148	64.5	50.7	76.1



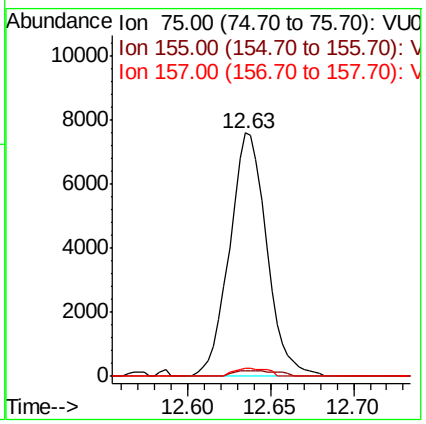


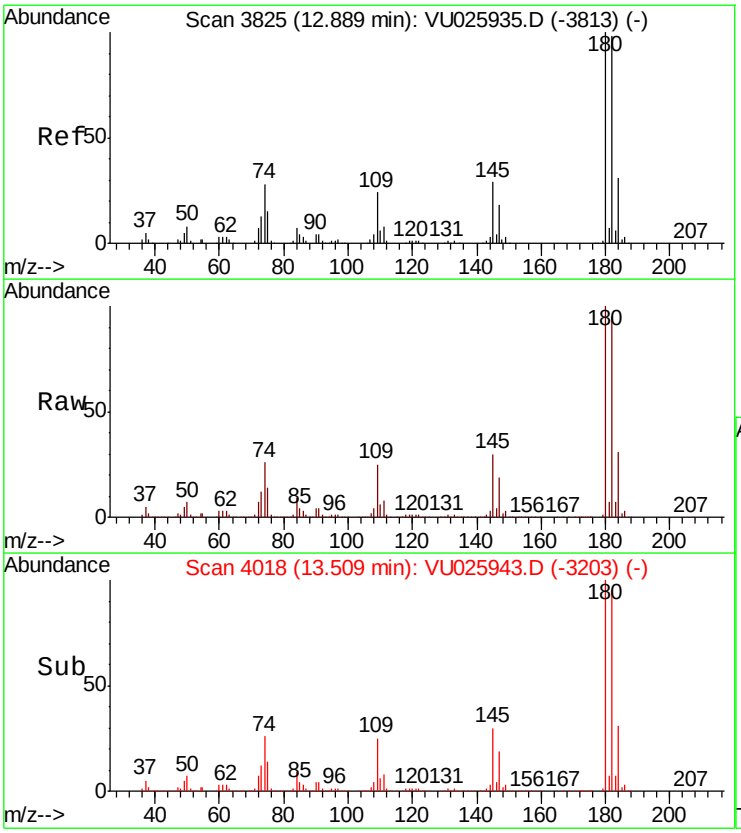
#66
1,2-Dibromo-3-chloropropane
Concen: 13.023 ug/L
RT: 12.63 min Scan# 3746
Delta R.T. -0.02 min
Lab File: VU025943.D
Acq: 07 Aug 2018 16:35

Instrument :
MSVOA_U
ClientSampleId :
A4ZA4MSD

Tgt Ion: 75 Resp: 11860

Ion	Ratio	Lower	Upper
75	100		
155	2.3	66.3	99.5#
157	3.4	91.5	137.3#

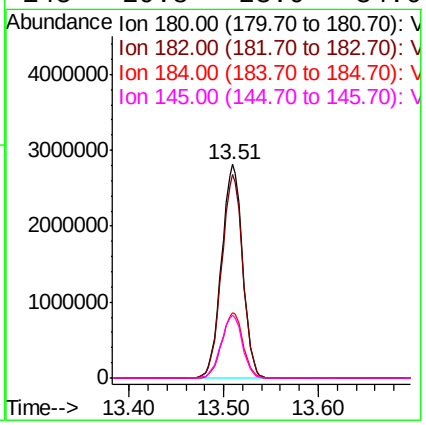


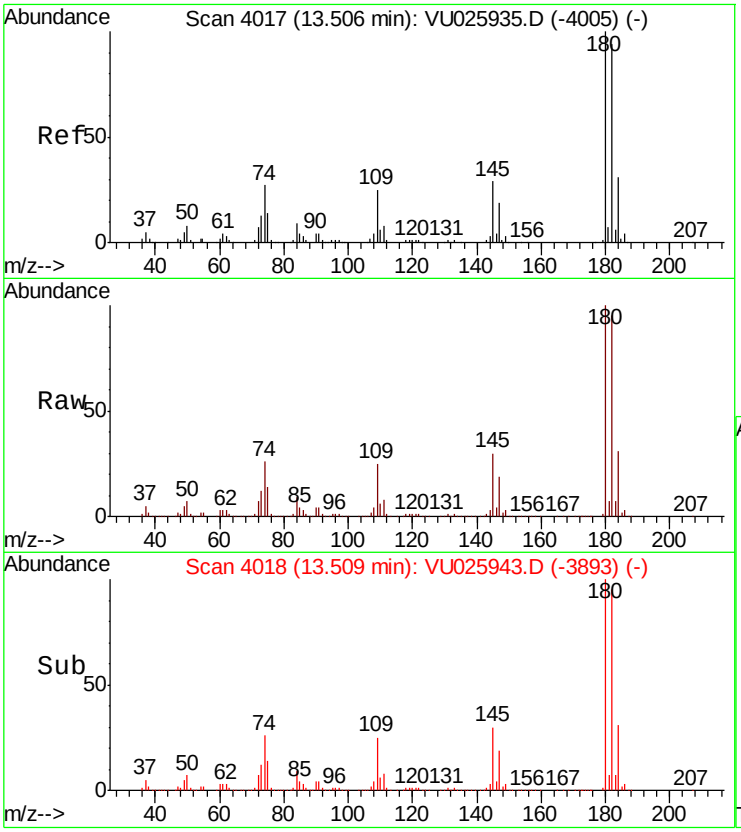


#67
1,3,5-Trichlorobenzene
Concen: 982.120 ug/L
RT: 13.51 min Scan# 4018
Delta R.T. 0.62 min
Lab File: VU025943.D
Acq: 07 Aug 2018 16:35

Tgt Ion:180 Resp: 4325183

Ion	Ratio	Lower	Upper
180	100		
182	95.4	77.3	115.9
184	30.7	24.6	36.8
145	29.8	23.0	34.6



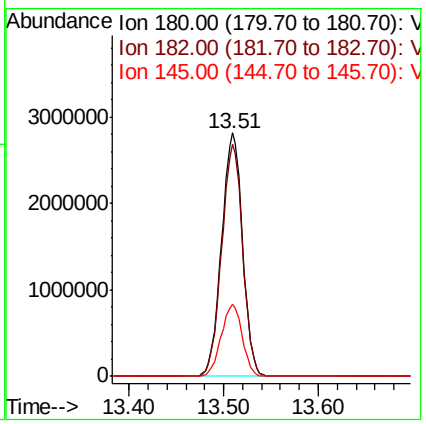


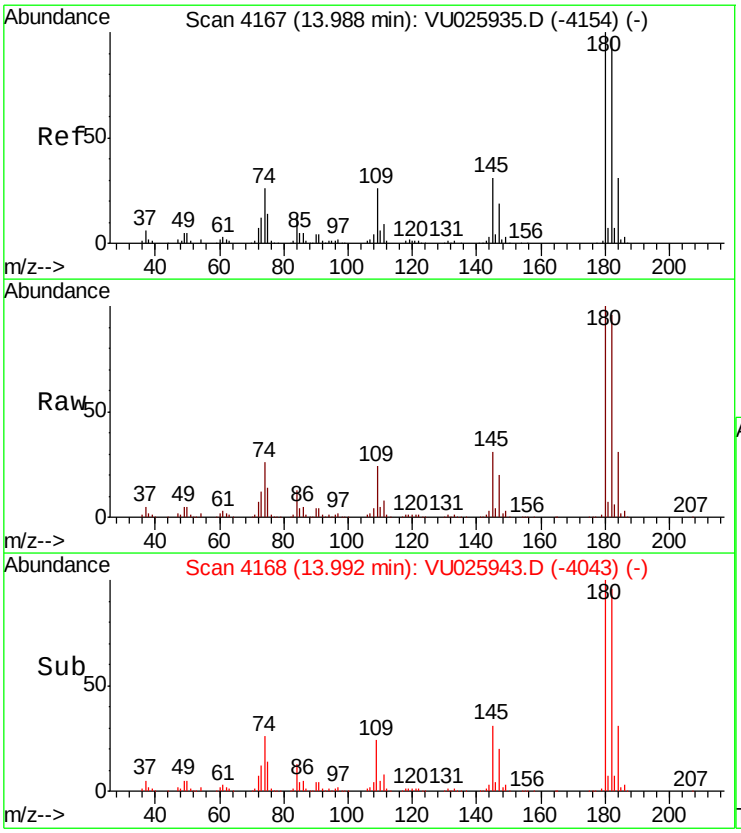
#68
1,2,4-trichlorobenzene
Concen: 1131.619 ug/L
RT: 13.51 min Scan# 4018
Delta R.T. 0.00 min
Lab File: VU025943.D
Acq: 07 Aug 2018 16:35

Instrument :
MSVOA_U
ClientSampleId :
A4ZA4MSD

Tgt Ion:180 Resp: 4325183

Ion	Ratio	Lower	Upper
180	100		
182	95.4	78.1	117.1
145	29.8	23.4	35.2





#70
1,2,3-Trichlorobenzene
Concen: 252.335 ug/L
RT: 13.99 min Scan# 4168
Delta R.T. 0.00 min
Lab File: VU025943.D
Acq: 07 Aug 2018 16:35

Tgt Ion:180 Resp: 988139

Ion	Ratio	Lower	Upper
180	100		
182	96.1	76.6	114.8
145	31.6	25.4	38.2