Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032519\

Quantitation Report (Not Reviewed)

Data File : VU030422.D
Acq On : 25 Mar 2019 23:02
Operator : JC/SP
Sample : K2062-06RE
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF1A1

Quant Time: Mar 26 01:33:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 26 01:25:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	456844	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	423351	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	171054	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	191561	52.10	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 104.20%			
7) Chloroethane-d5	1.68	69	150259	51.56	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 103.12%			
11) 1,1-Dichloroethene-d2	2.10	63	379	0.05	ug/L	-0.17
Spiked Amount 50.000	Range 60 - 125		Recovery = 0.10%#			
21) 2-Butanone-d5	4.17	46	320141	92.63	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 92.63%			
24) Chloroform-d	4.64	84	297439	46.95	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.90%			
26) 1,2-Dichloroethane-d4	5.31	65	202628	48.88	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.76%			
32) Benzene-d6	5.34	84	620289	51.09	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.18%			
36) 1,2-Dichloropropane-d6	6.33	67	217919	52.46	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 104.92%			
41) Toluene-d8	7.56	98	524041	48.06	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.12%			
43) trans-1,3-Dichloropropene-	7.85	79	88326	45.22	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 90.44%			
47) 2-Hexanone-d5	8.31	63	194065	86.22	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 86.22%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	276344	46.49	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 92.98%			
64) 1,2-Dichlorobenzene-d4	11.86	152	171620	50.07	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.14%			
Target Compounds						Qvalue
5) Vinyl chloride	1.40	62	16401	3.068	ug/L #	65
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	11055	3.316	ug/L	87
12) 1,1-Dichloroethene	2.28	96	5219	1.597	ug/L #	1
13) Acetone	2.32	43	35249	10.085	ug/L	96
17) trans-1,2-Dichloroethene	2.98	96	4527	1.320	ug/L	96
20) cis-1,2-Dichloroethene	4.22	96	419311	109.031	ug/L	96
22) 2-Butanone	4.28	43	9903	2.344	ug/L #	62
34) Trichloroethene	6.18	95	324052	91.469	ug/L	97
44) trans-1,3-Dichloropropene	7.85	75	3269	0.632	ug/L	98
46) Tetrachloroethene	8.23	164	2298	0.929	ug/L	85
48) 2-Hexanone	8.36	43	7215	1.281	ug/L #	86
49) Dibromochloromethane	8.22	129	2372	0.661	ug/L #	11
51) Chlorobenzene	9.12	112	6075	0.670	ug/L	96
59) 1,2,3-Trichloropropane	11.48	75	23124	4.645	ug/L	95
63) 1,4-Dichlorobenzene	11.50	146	5500	0.955	ug/L	93
65) 1,2-Dichlorobenzene	11.88	146	4493	0.794	ug/L #	92

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032519\

Quantitation Report (Not Reviewed)

Data File : VU030422.D
Acq On : 25 Mar 2019 23:02
Operator : JC/SP
Sample : K2062-06RE
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF1A1

Quant Time: Mar 26 01:33:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 26 01:25:56 2019
Response via : Initial Calibration

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

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

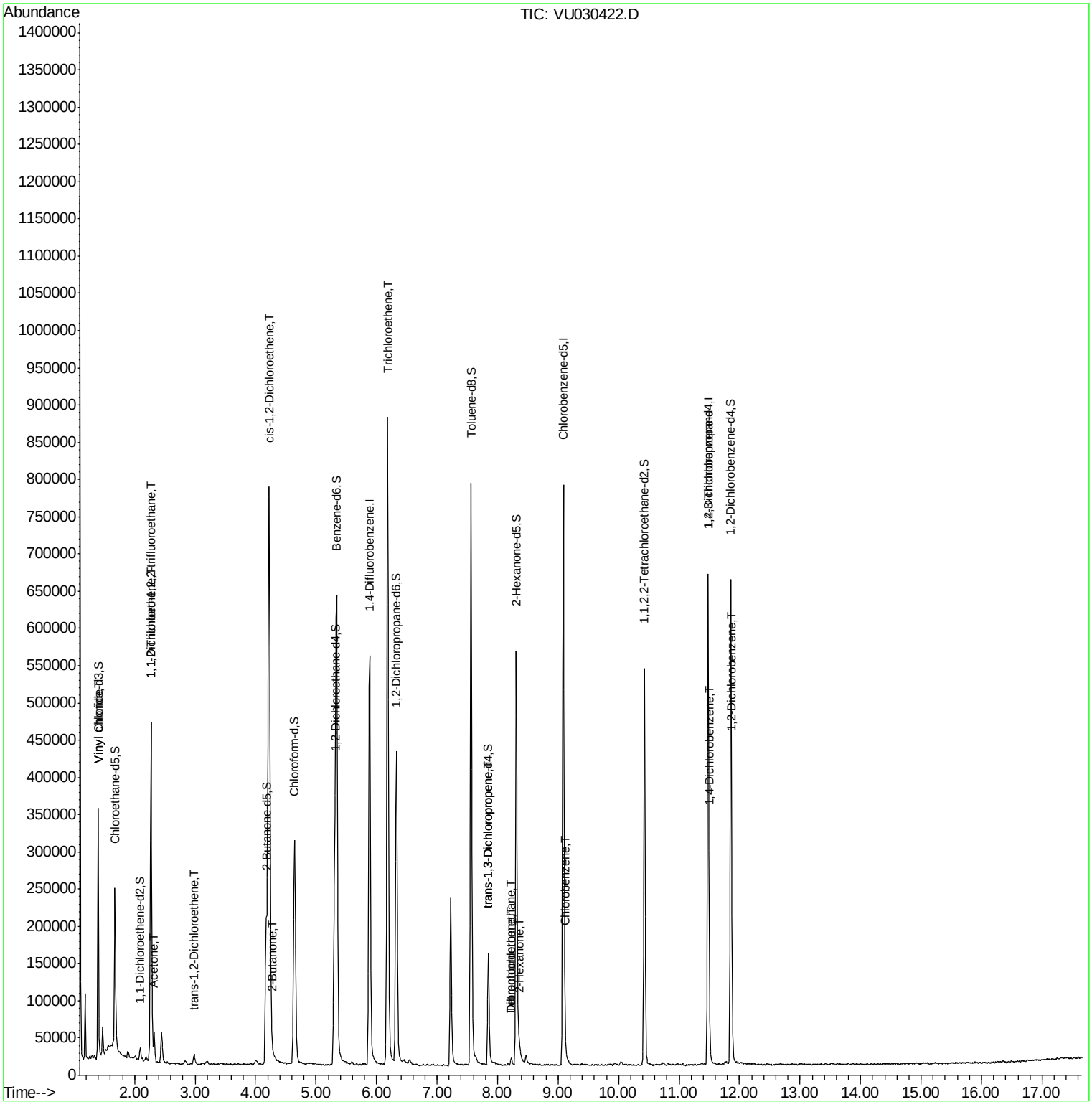
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032519\

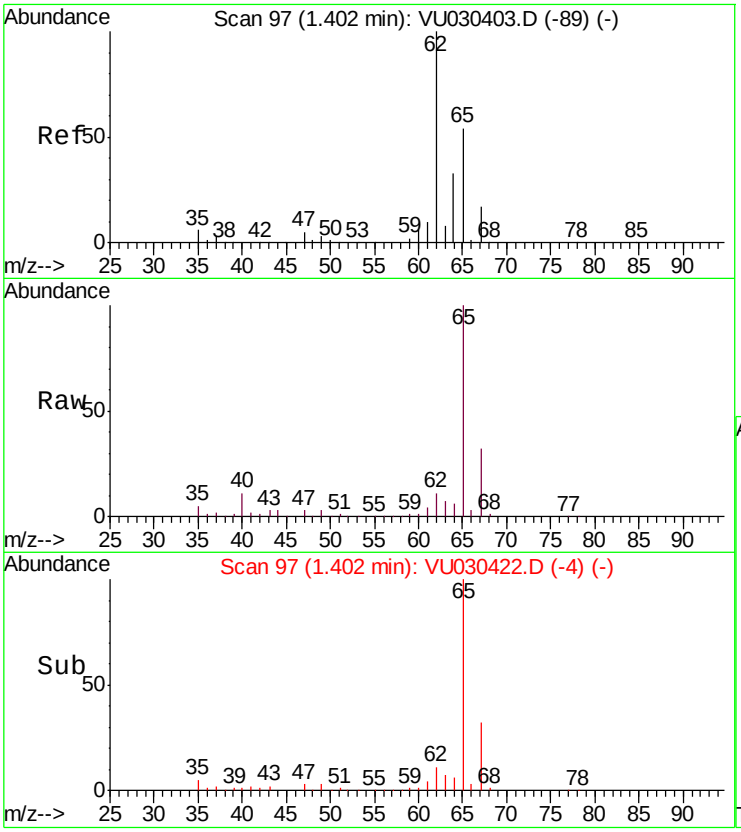
Quantitation Report (Not Reviewed)

Data File : VU030422.D
Acq On : 25 Mar 2019 23:02
Operator : JC/SP
Sample : K2062-06RE
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF1A1

Quant Time: Mar 26 01:33:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 26 01:25:56 2019
Response via : Initial Calibration



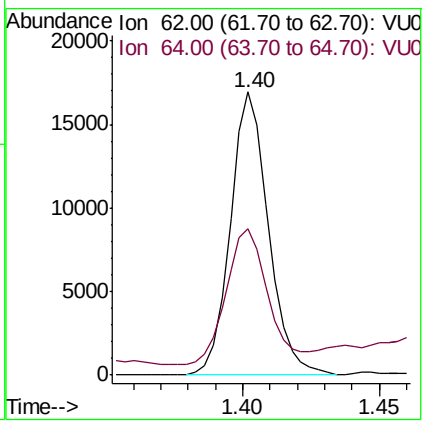


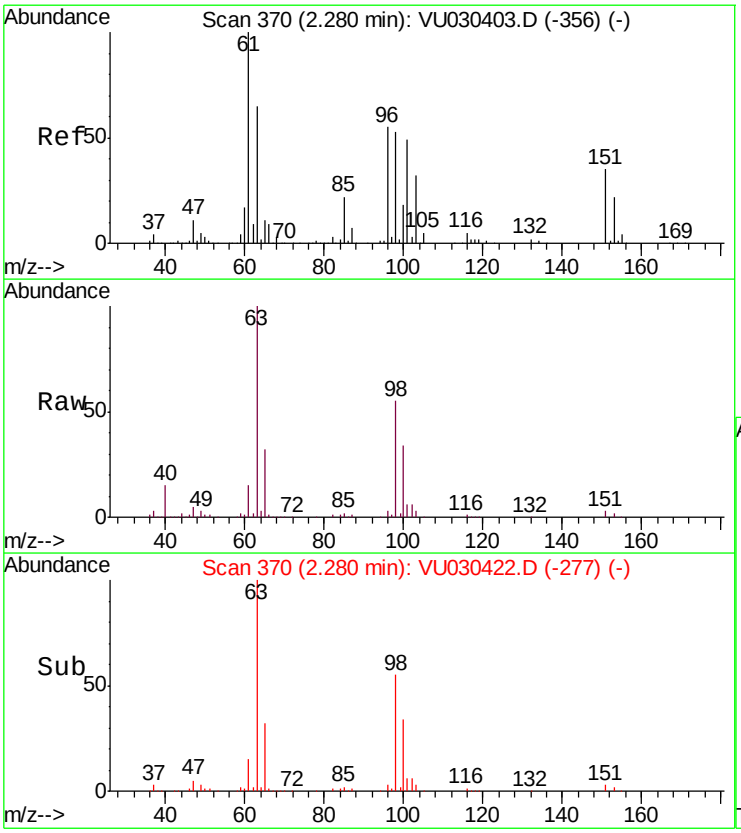
#5
Vinyl chloride
Concen: 3.068 ug/L
RT: 1.40 min Scan# 97
Delta R.T. 0.00 min
Lab File: VU030422.D
Acq: 25 Mar 2019 23:02

Instrument :
MSVOA_U
ClientSampleId :
BF1A1

Tgt Ion: 62 Resp: 16401

Ion	Ratio	Lower	Upper
62	100		
64	51.8	22.6	42.0#

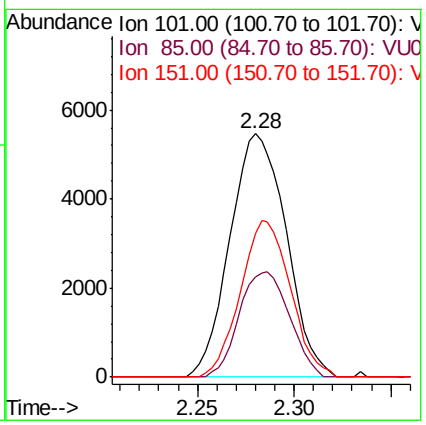


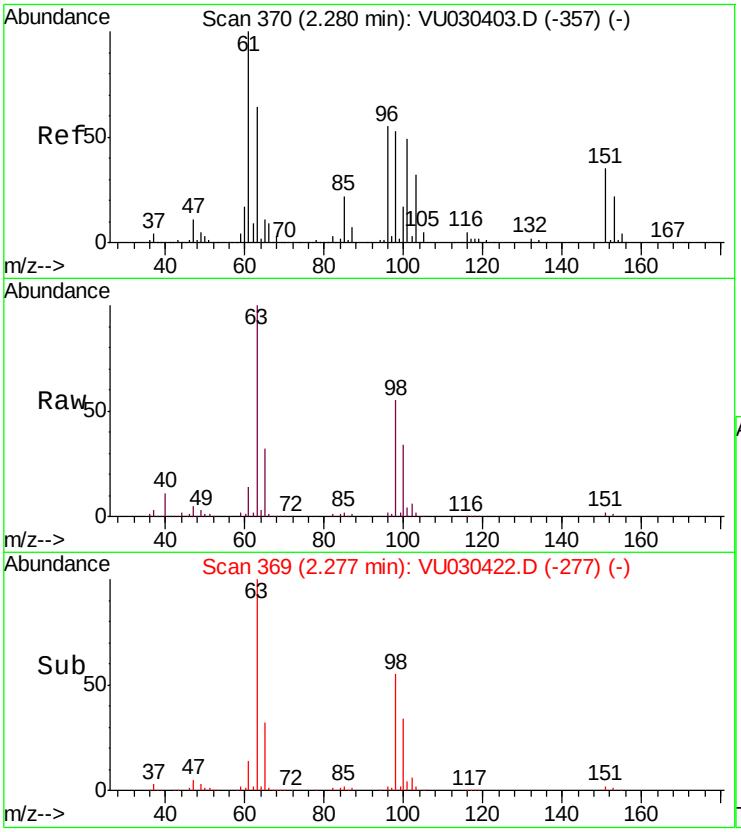


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 3.316 ug/L
RT: 2.28 min Scan# 370
Delta R.T. 0.00 min
Lab File: VU030422.D
Acq: 25 Mar 2019 23:02

Tgt Ion:101 Resp: 11055

Ion	Ratio	Lower	Upper
101	100		
85	38.7	34.8	52.2
151	57.2	56.6	85.0



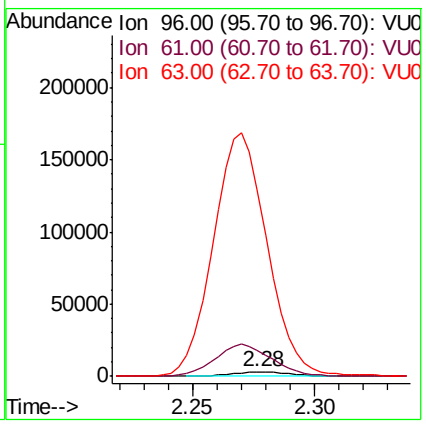


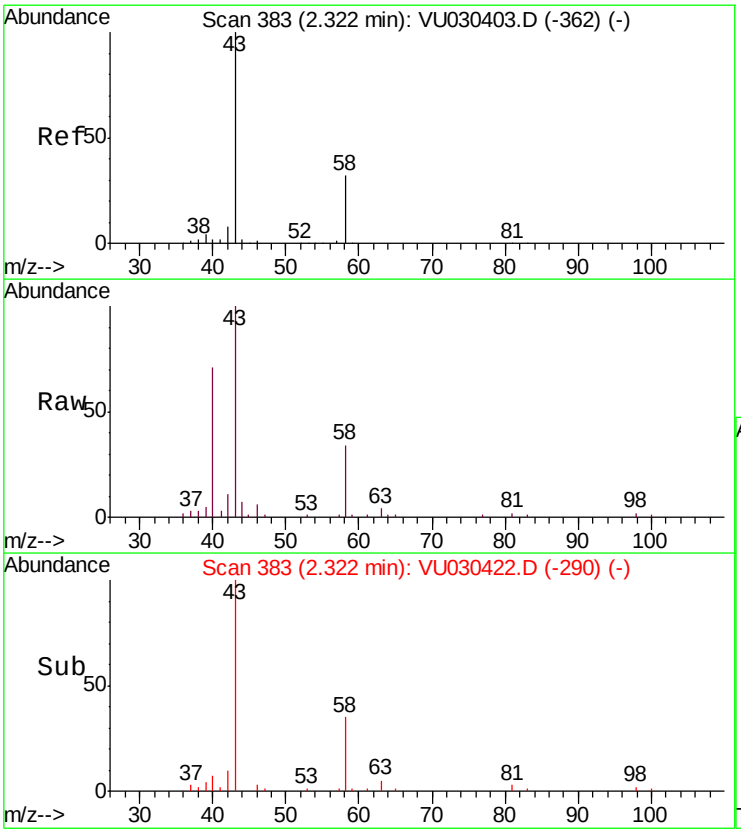
#12
1,1-Dichloroethene
Concen: 1.597 ug/L
RT: 2.28 min Scan# 369
Delta R.T. -0.00 min
Lab File: VU030422.D
Acq: 25 Mar 2019 23:02

Instrument :
MSVOA_U
ClientSampleId :
BF1A1

Tgt Ion: 96 Resp: 5219

Ion	Ratio	Lower	Upper
96	100		
61	614.8	131.0	243.4#
63	4430.5	92.4	171.6#

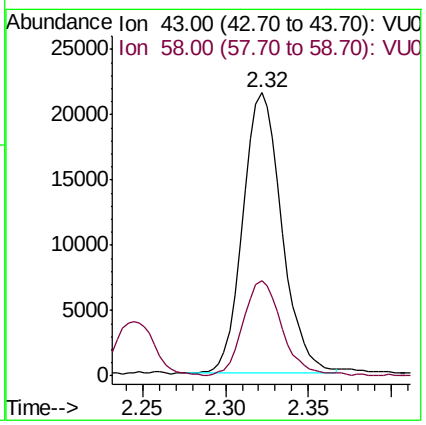


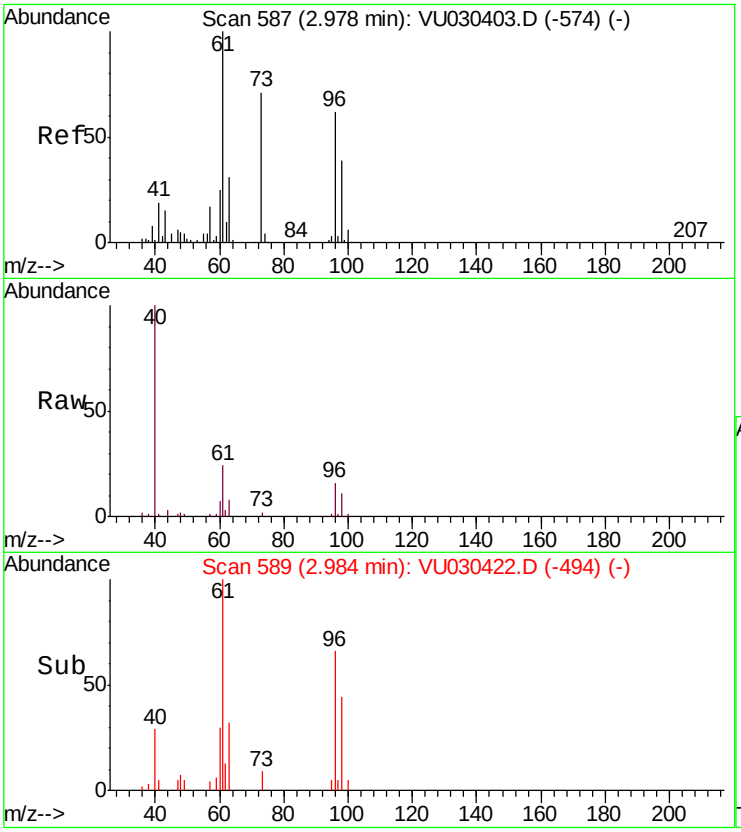


#13
Acetone
Concen: 10.085 ug/L
RT: 2.32 min Scan# 383
Delta R.T. 0.00 min
Lab File: VU030422.D
Acq: 25 Mar 2019 23:02

Tgt Ion: 43 Resp: 35249

Ion	Ratio	Lower	Upper
43	100		
58	33.6	0.0	62.8



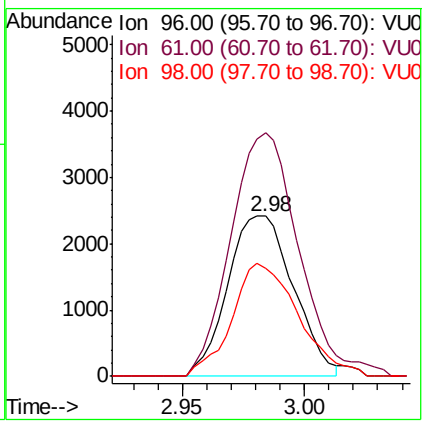


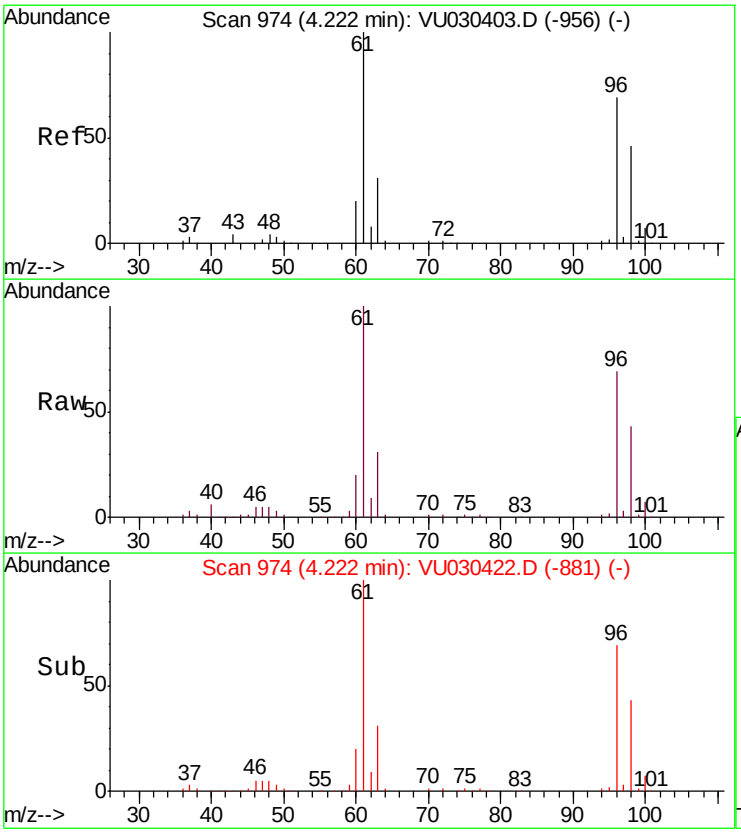
#17
trans-1,2-Dichloroethene
Concen: 1.320 ug/L
RT: 2.98 min Scan# 589
Delta R.T. 0.01 min
Lab File: VU030422.D
Acq: 25 Mar 2019 23:02

Instrument :
MSVOA_U
ClientSampleId :
BF1A1

Tgt Ion: 96 Resp: 4527

Ion	Ratio	Lower	Upper
96	100		
61	151.9	108.6	201.8
98	67.6	42.3	78.5

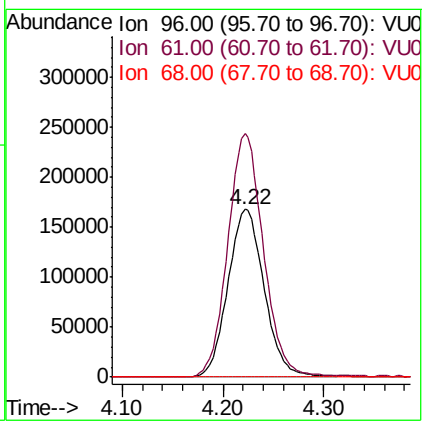


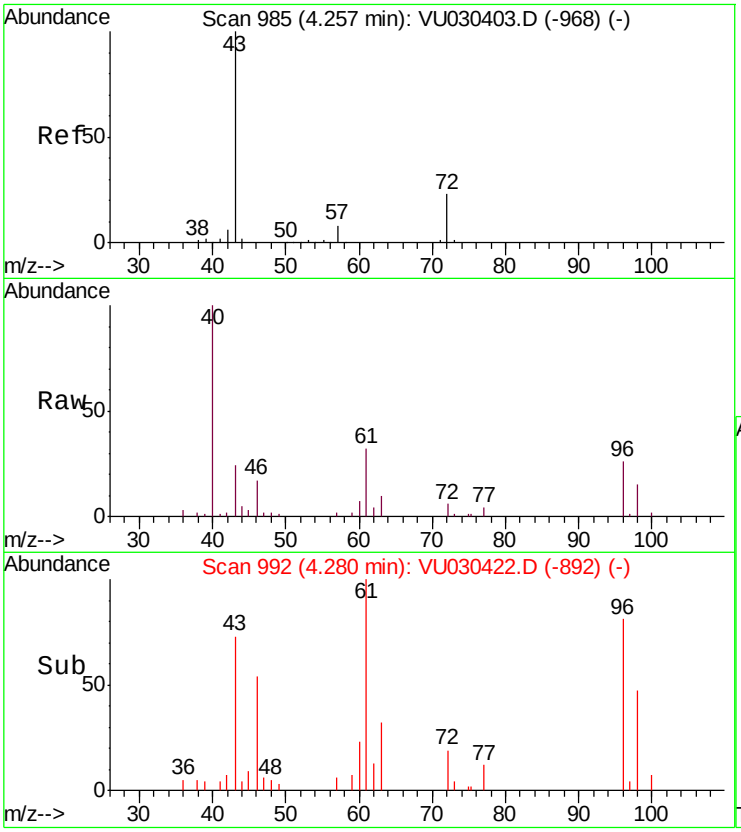


#20
cis-1,2-Dichloroethene
Concen: 109.031 ug/L
RT: 4.22 min Scan# 974
Delta R.T. 0.00 min
Lab File: VU030422.D
Acq: 25 Mar 2019 23:02

Tgt Ion: 96 Resp: 419311

Ion	Ratio	Lower	Upper
96	100		
61	144.9	98.4	182.8
68	0.0	0.0	0.0



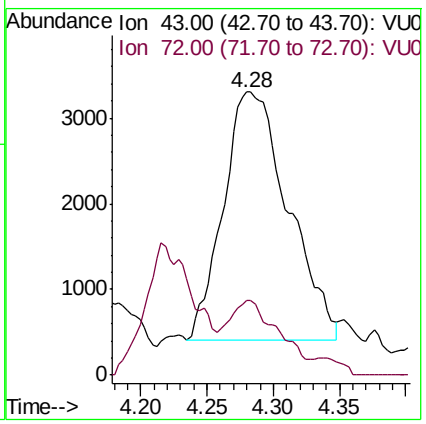


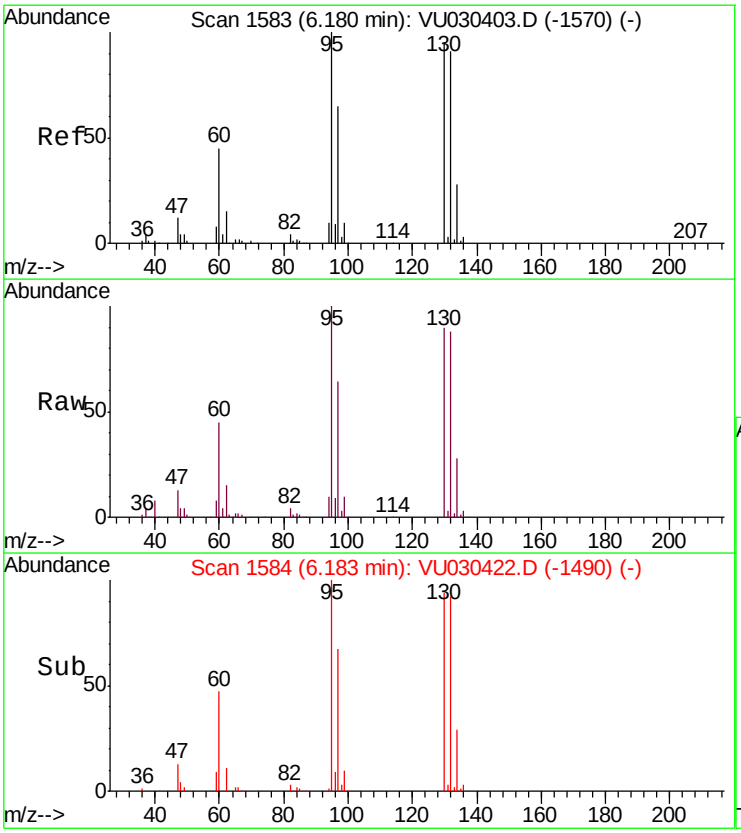
#22
2-Butanone
Concen: 2.344 ug/L
RT: 4.28 min Scan# 992
Delta R.T. 0.02 min
Lab File: VU030422.D
Acq: 25 Mar 2019 23:02

Instrument : MSVOA_U
ClientSampleId : BF1A1

Tgt Ion: 43 Resp: 9903

Ion	Ratio	Lower	Upper
43	100		
72	5.2	12.0	36.1#

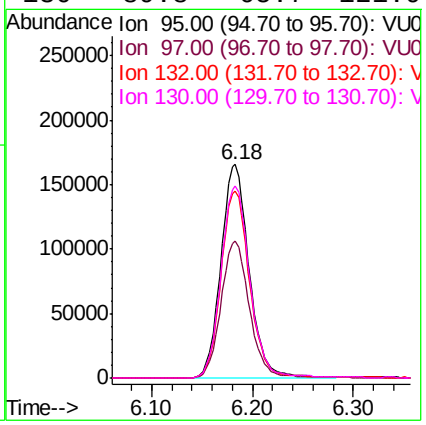


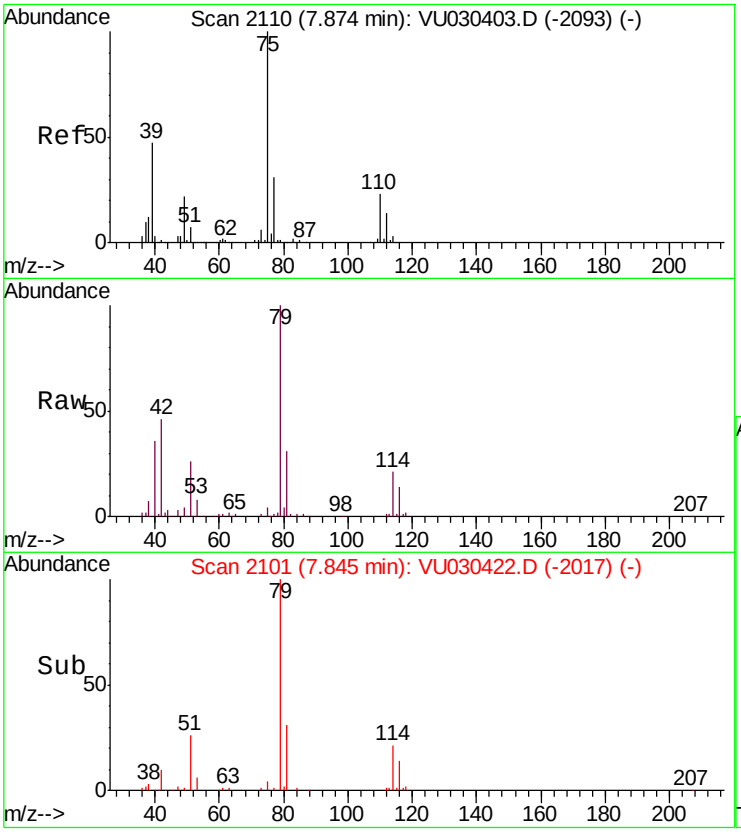


#34
Trichloroethene
Concen: 91.469 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU030422.D
Acq: 25 Mar 2019 23:02

Tgt Ion: 95 Resp: 324052

Ion	Ratio	Lower	Upper
95	100		
97	64.0	45.7	84.9
132	87.8	63.8	118.4
130	89.8	65.7	121.9



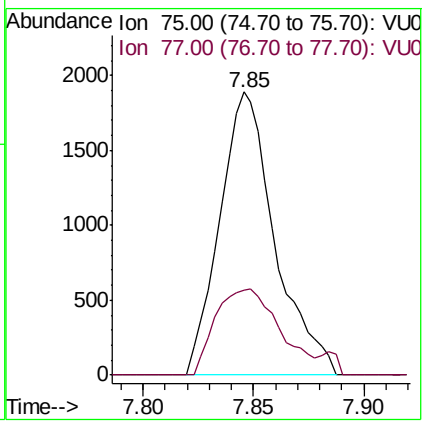


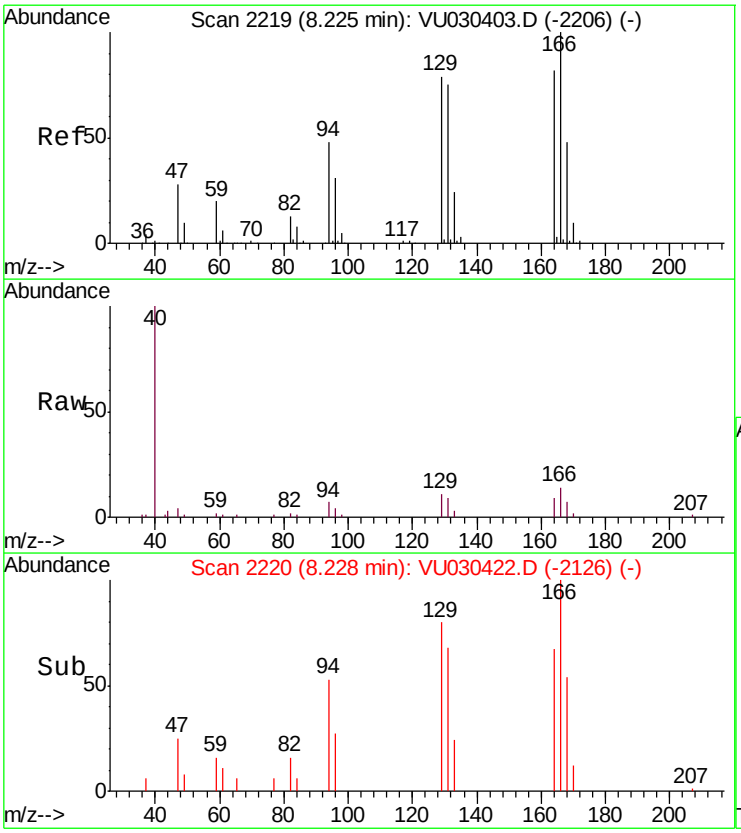
#44
trans-1,3-Dichloropropene
Concen: 0.632 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU030422.D
Acq: 25 Mar 2019 23:02

Instrument :
MSVOA_U
ClientSampleId :
BF1A1

Tgt Ion: 75 Resp: 3269

Ion	Ratio	Lower	Upper
75	100		
77	30.2	22.0	40.8

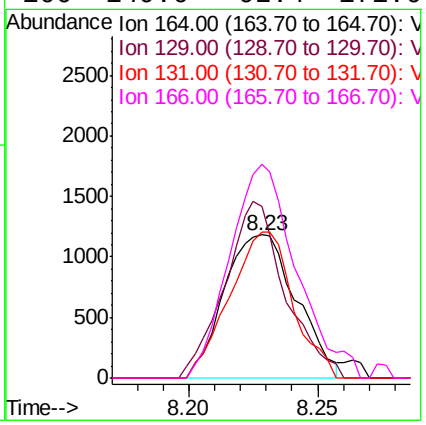


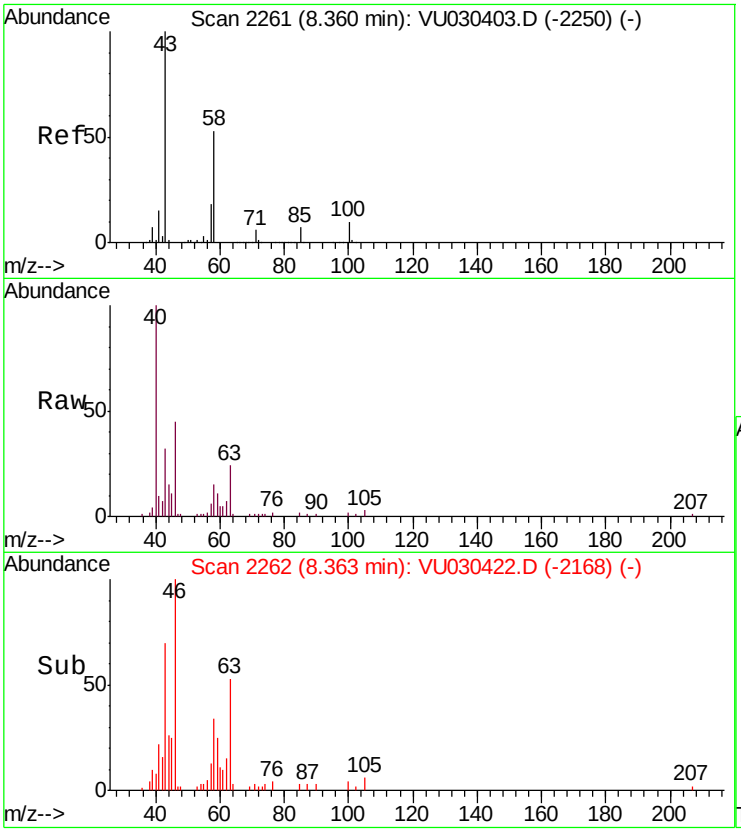


#46
Tetrachloroethene
Concen: 0.929 ug/L
RT: 8.23 min Scan# 2220
Delta R.T. 0.00 min
Lab File: VU030422.D
Acq: 25 Mar 2019 23:02

Tgt Ion:164 Resp: 2298

Ion	Ratio	Lower	Upper
164	100		
129	119.8	68.1	126.5
131	102.5	67.7	125.7
166	149.6	92.4	171.6



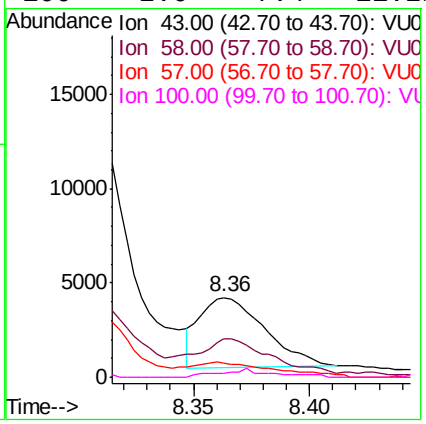


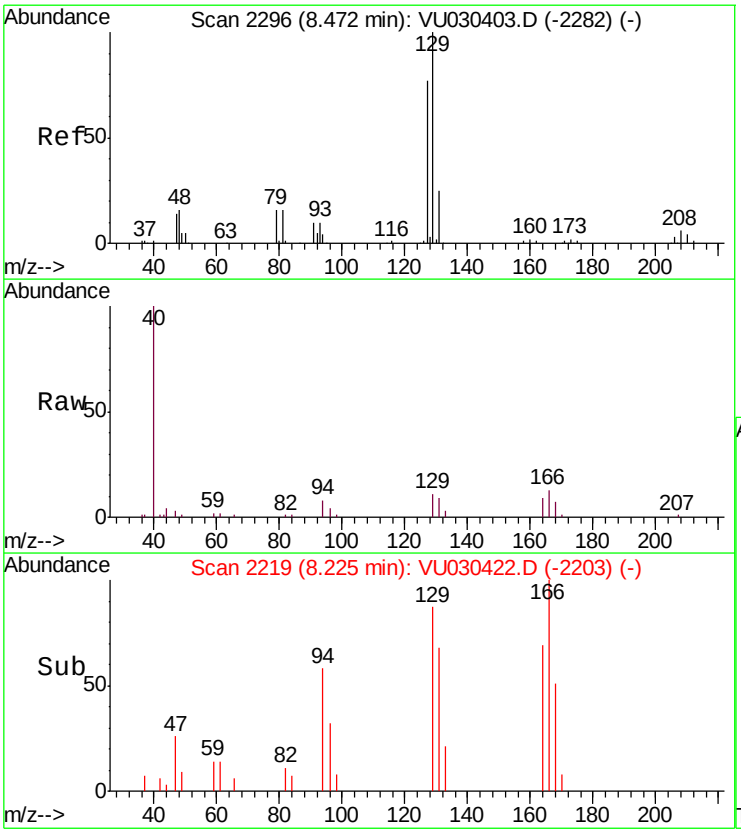
#48
2-Hexanone
Concen: 1.281 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VU030422.D
Acq: 25 Mar 2019 23:02

Instrument : MSVOA_U
ClientSampleId : BF1A1

Tgt Ion: 43 Resp: 7215

Ion	Ratio	Lower	Upper
43	100		
58	45.5	42.5	63.7
57	29.0	15.0	22.6#
100	2.0	7.4	11.2#

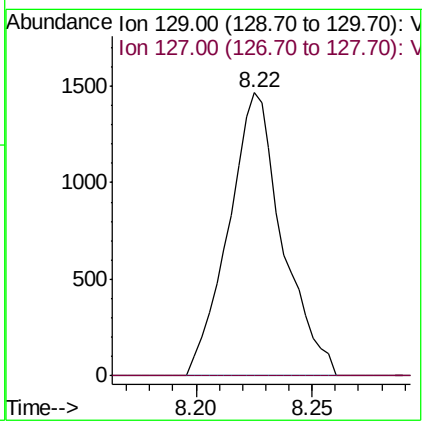


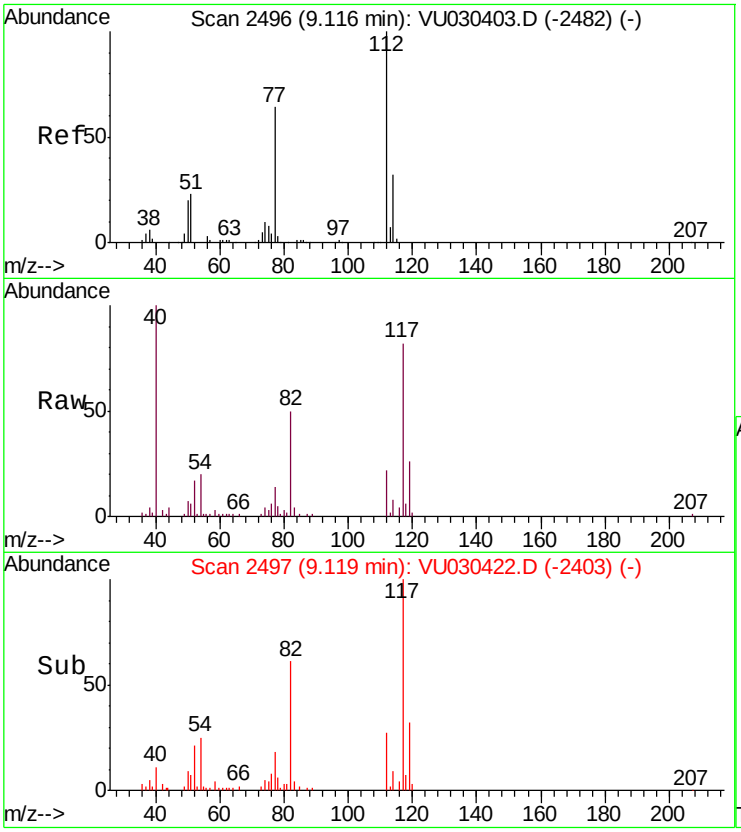


#49
Dibromochloromethane
Concen: 0.661 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. -0.25 min
Lab File: VU030422.D
Acq: 25 Mar 2019 23:02

Tgt Ion:129 Resp: 2372

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.2	98.8#



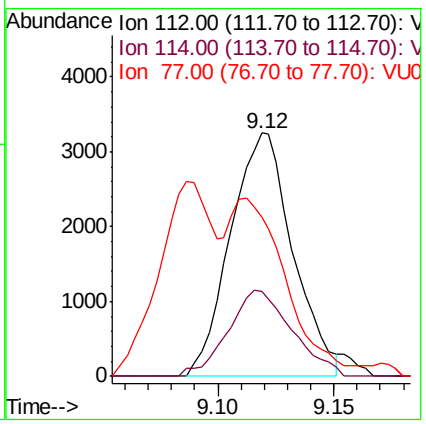


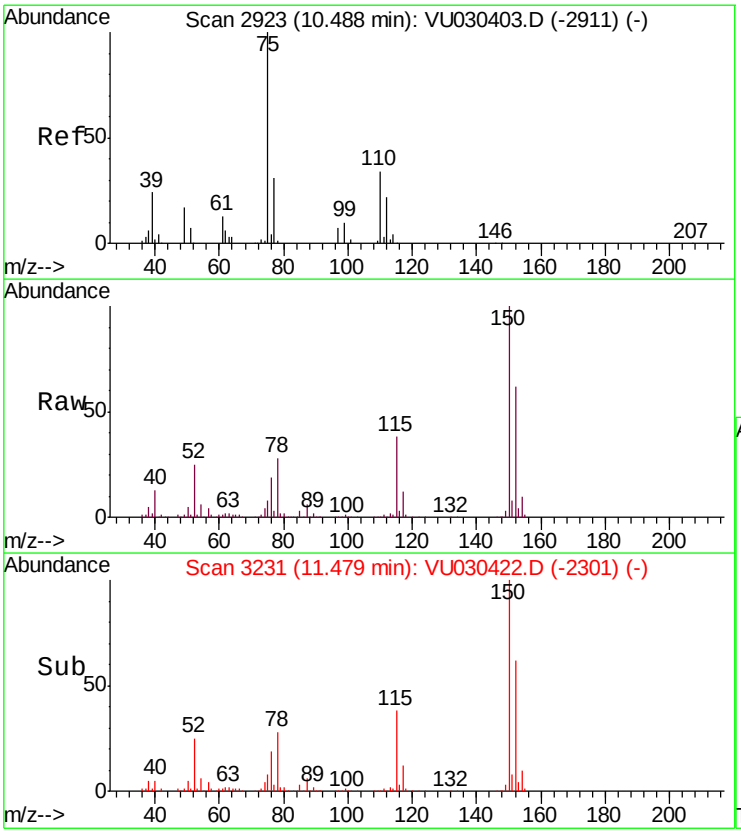
#51
Chlorobenzene
Concen: 0.670 ug/L
RT: 9.12 min Scan# 2497
Delta R.T. 0.00 min
Lab File: VU030422.D
Acq: 25 Mar 2019 23:02

Instrument : MSVOA_U
ClientSampleId : BF1A1

Tgt Ion:112 Resp: 6075

Ion	Ratio	Lower	Upper
112	100		
114	35.0	21.5	39.9
77	65.3	51.4	77.0

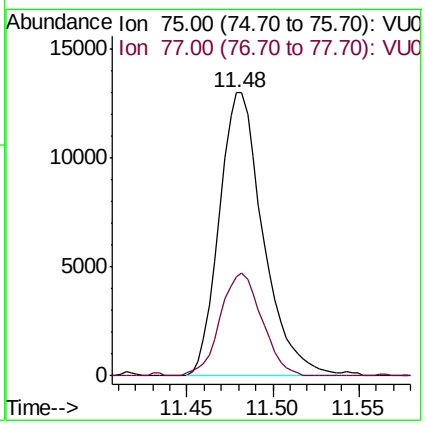


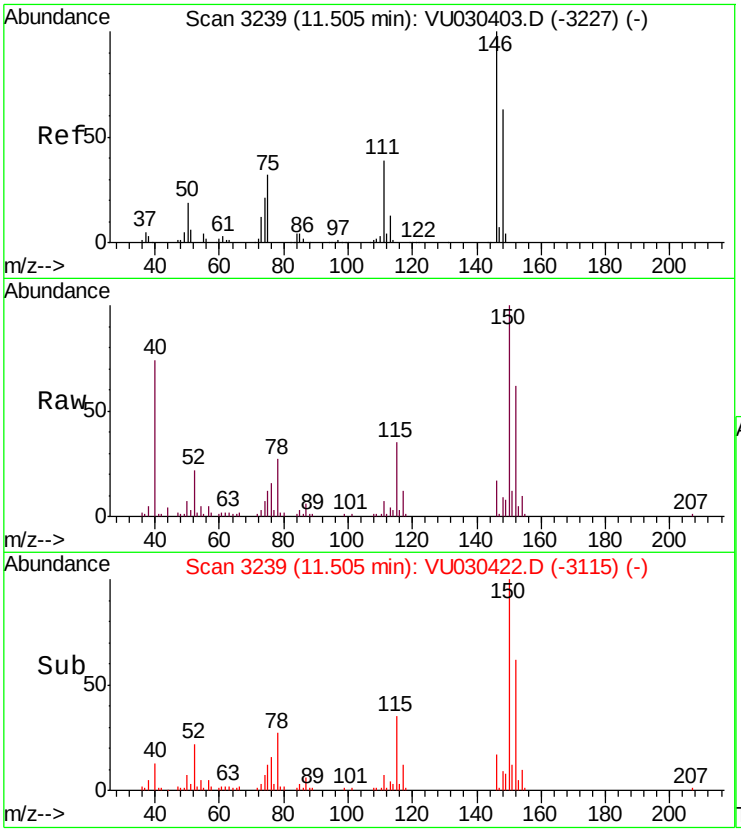


#59
1,2,3-Trichloropropane
Concen: 4.645 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU030422.D
Acq: 25 Mar 2019 23:02

Tgt Ion: 75 Resp: 23124

Ion	Ratio	Lower	Upper
75	100		
77	34.5	25.4	38.2



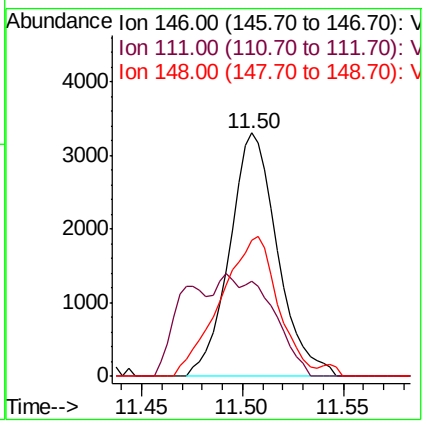


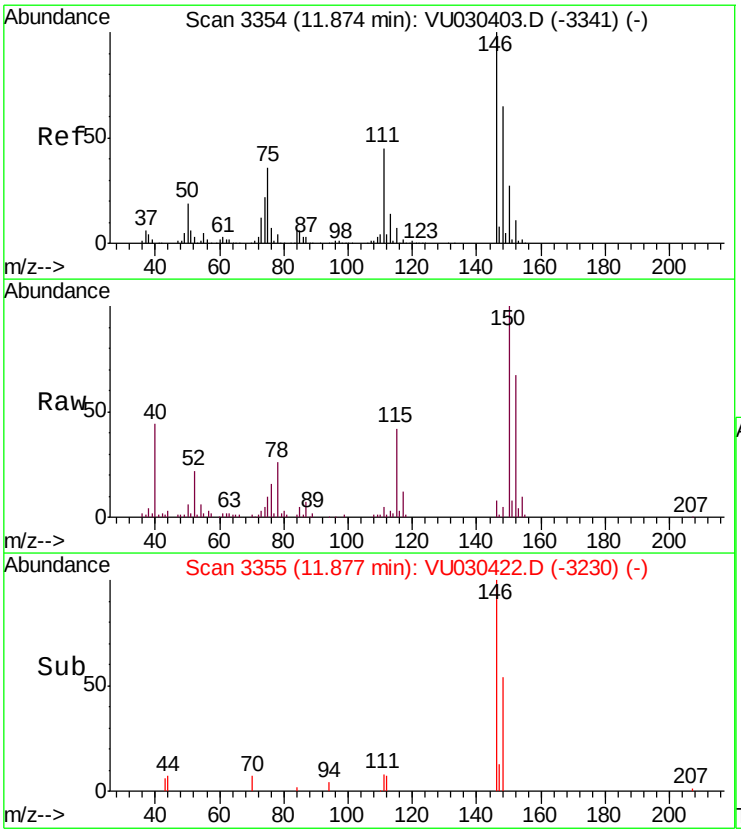
#63
1,4-Dichlorobenzene
Concen: 0.955 ug/L
RT: 11.50 min Scan# 3239
Delta R.T. 0.00 min
Lab File: VU030422.D
Acq: 25 Mar 2019 23:02

Instrument : MSVOA_U
ClientSampleId : BF1A1

Tgt Ion:146 Resp: 5500

Ion	Ratio	Lower	Upper
146	100		
111	38.9	28.7	53.3
148	55.7	44.3	82.3





#65
1,2-Dichlorobenzene
Concen: 0.794 ug/L
RT: 11.88 min Scan# 3355
Delta R.T. 0.00 min
Lab File: VU030422.D
Acq: 25 Mar 2019 23:02

Tgt Ion:146 Resp: 4493

Ion	Ratio	Lower	Upper
146	100		
111	55.6	34.9	52.3#
148	65.3	51.2	76.8