Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101819\
Data File : VU035273.D
Acq On : 18 Oct 2019 18:01
Operator : JC/SP
Sample : K5419-05DL 4X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Oct 19 03:42:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 19 03:38:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	328761	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	321737	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	129784	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	91286	4.55	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 91.00%			
7) Chloroethane-d5	1.93	69	89276	4.87	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.40%			
11) 1,1-Dichloroethene-d2	2.59	63	130507	3.52	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 70.40%			
20) 2-Butanone-d5	4.72	46	298456	51.81	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 103.62%			
24) Chloroform-d	5.11	84	183332	5.01	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.20%			
26) 1,2-Dichloroethane-d4	5.75	65	106211	5.23	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.60%			
32) Benzene-d6	5.77	84	371105	5.04	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.80%			
36) 1,2-Dichloropropane-d6	6.74	67	122014	5.22	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 104.40%			
41) Toluene-d8	7.93	98	345763	4.91	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.20%			
43) trans-1,3-Dichloropropene-	8.22	79	51943	4.58	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.60%			
46) 2-Hexanone-d5	8.69	63	246652	49.33	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 98.66%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	105442	5.06	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.20%			
64) 1,2-Dichlorobenzene-d4	12.22	152	120335	5.09	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.80%			
Target Compounds						Qvalue
5) Vinyl chloride	1.62	62	31101	1.091	ug/L	94
12) 1,1-Dichloroethene	2.60	96	2020	0.096	ug/L #	1
13) Acetone	2.69	43	3684	0.919	ug/L	98
16) Methylene chloride	3.09	84	3181	0.125	ug/L	91
18) trans-1,2-Dichloroethene	3.39	96	62045	2.722	ug/L	91
22) cis-1,2-Dichloroethene	4.72	96	142327	5.649	ug/L	100
25) Chloroform	5.14	83	7751	0.171	ug/L	96
34) Trichloroethene	6.58	95	7660	0.301	ug/L	93
35) Methylcyclohexane	6.74	83	28407	0.668	ug/L #	19
37) 1,2-Dichloropropane	6.74	63	13954	0.581	ug/L #	86
47) Tetrachloroethene	8.58	164	4286	0.202	ug/L	88
48) 2-Hexanone	8.74	43	14584	1.282	ug/L #	83
59) 1,2,3-Trichloropropane	11.84	75	16679	0.996	ug/L	94
62) 1,3-Dichlorobenzene	11.78	146	3043	0.069	ug/L	89
63) 1,4-Dichlorobenzene	11.87	146	3900	0.090	ug/L #	83
65) 1,2-Dichlorobenzene	12.24	146	3425	0.082	ug/L #	80
67) 1,3,5-Trichlorobenzene	13.25	180	3250	0.118	ug/L	99

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101819\
Data File : VU035273.D
Acq On : 18 Oct 2019 18:01
Operator : JC/SP
Sample : K5419-05DL 4X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Oct 19 03:42:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 19 03:38:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
68) 1,2,4-trichlorobenzene	13.87	180	3716	0.203 ug/L	98
69) Naphthalene	14.11	128	6375	0.254 ug/L #	91
70) 1,2,3-Trichlorobenzene	14.35	180	4066	0.238 ug/L	98

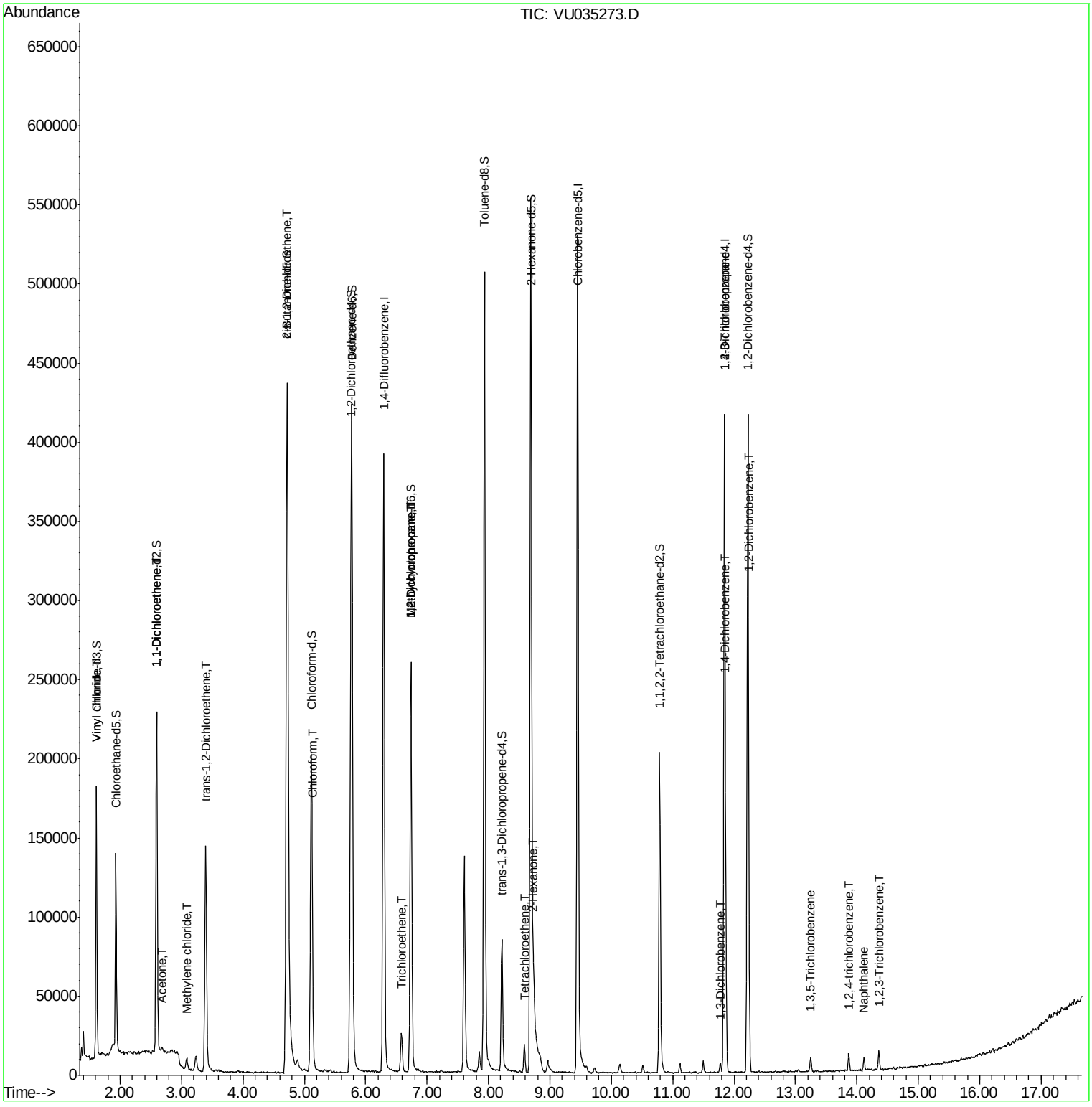
(#) = qualifier out of range (m) = manual integration (+) = signals summed

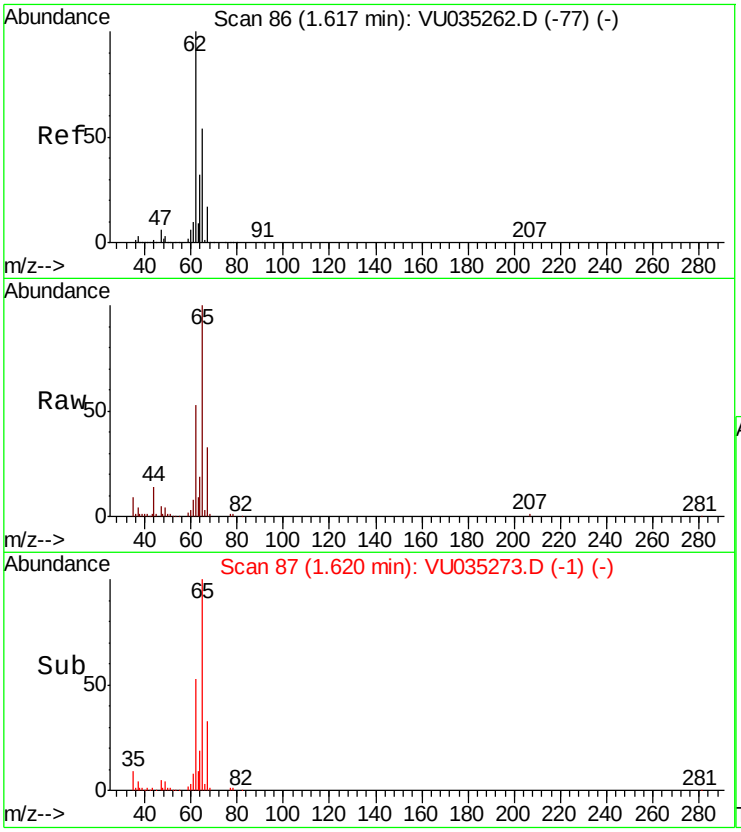
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101819\
Data File : VU035273.D
Acq On : 18 Oct 2019 18:01
Operator : JC/SP
Sample : K5419-05DL 4X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Oct 19 03:42:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 19 03:38:09 2019
Response via : Initial Calibration



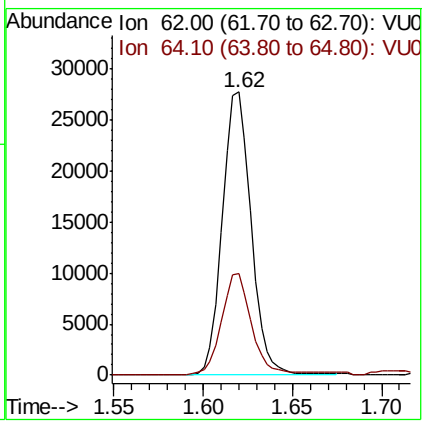


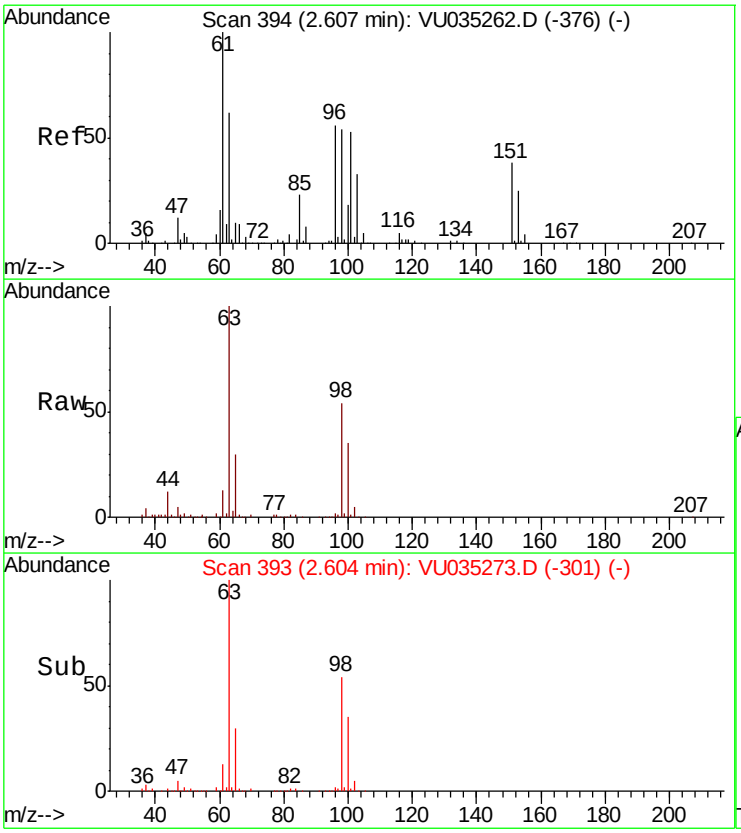
#5
Vinyl chloride
Concen: 1.091 ug/L
RT: 1.62 min Scan# 87
Delta R.T. 0.00 min
Lab File: VU035273.D
Acq: 18 Oct 2019 18:01

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 31101

Ion	Ratio	Lower	Upper
62	100		
64	36.0	22.9	42.5

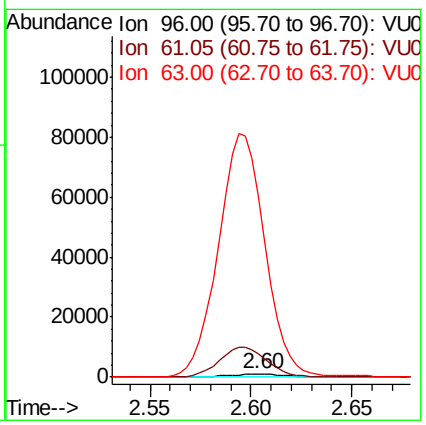


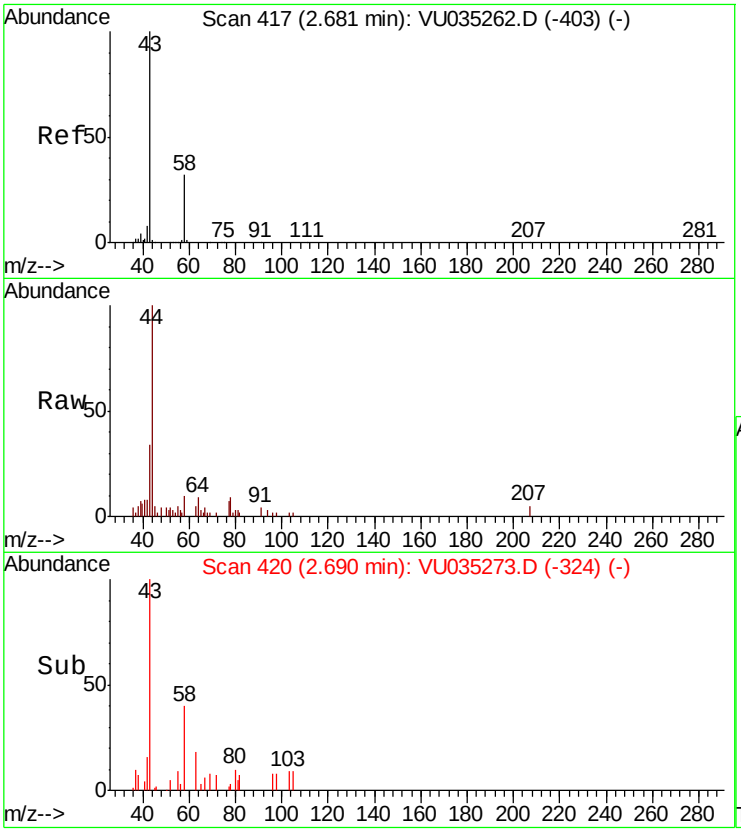


#12
1,1-Dichloroethene
Concen: 0.096 ug/L
RT: 2.60 min Scan# 393
Delta R.T. -0.00 min
Lab File: VU035273.D
Acq: 18 Oct 2019 18:01

Tgt Ion: 96 Resp: 2020

Ion	Ratio	Lower	Upper
96	100		
61	701.7	120.6	224.0#
63	5432.4	86.8	161.2#



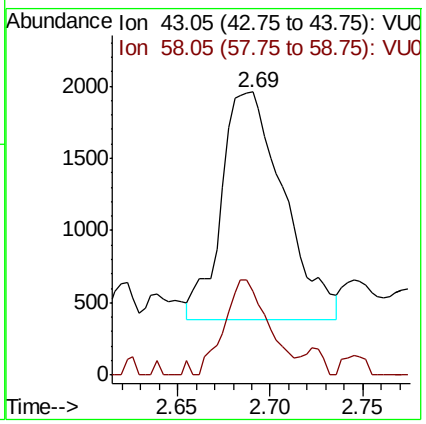


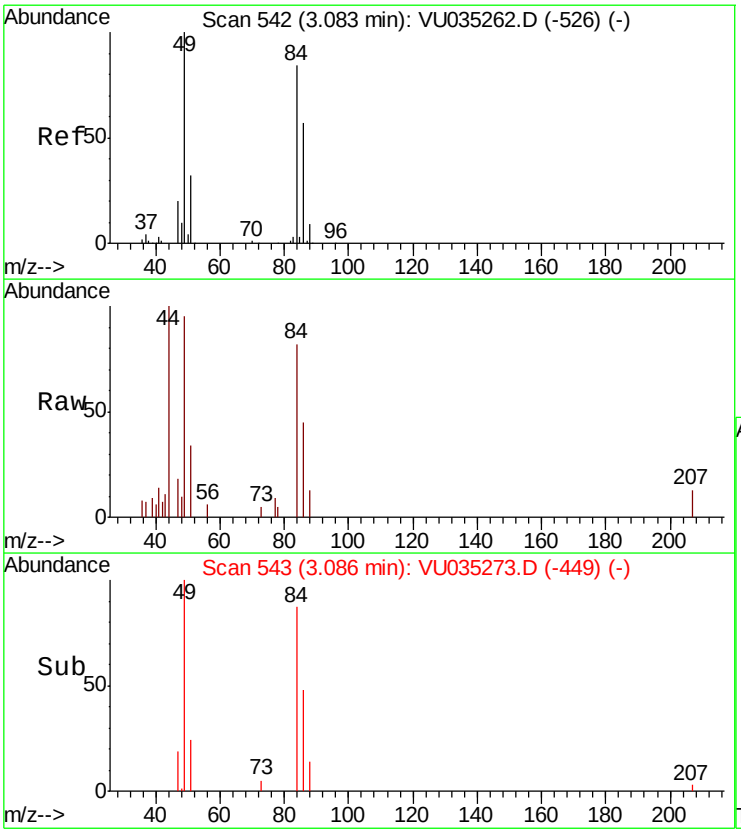
#13
Acetone
Concen: 0.919 ug/L
RT: 2.69 min Scan# 420
Delta R.T. 0.01 min
Lab File: VU035273.D
Acq: 18 Oct 2019 18:01

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 3684

Ion	Ratio	Lower	Upper
43	100		
58	29.5	0.0	61.8

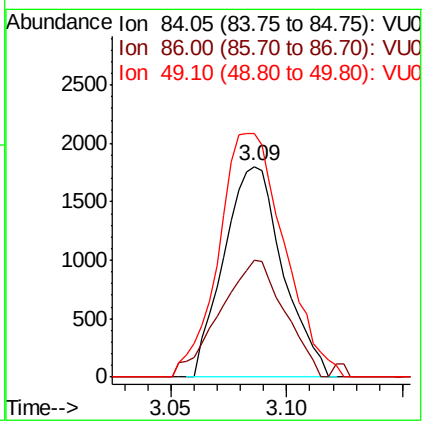


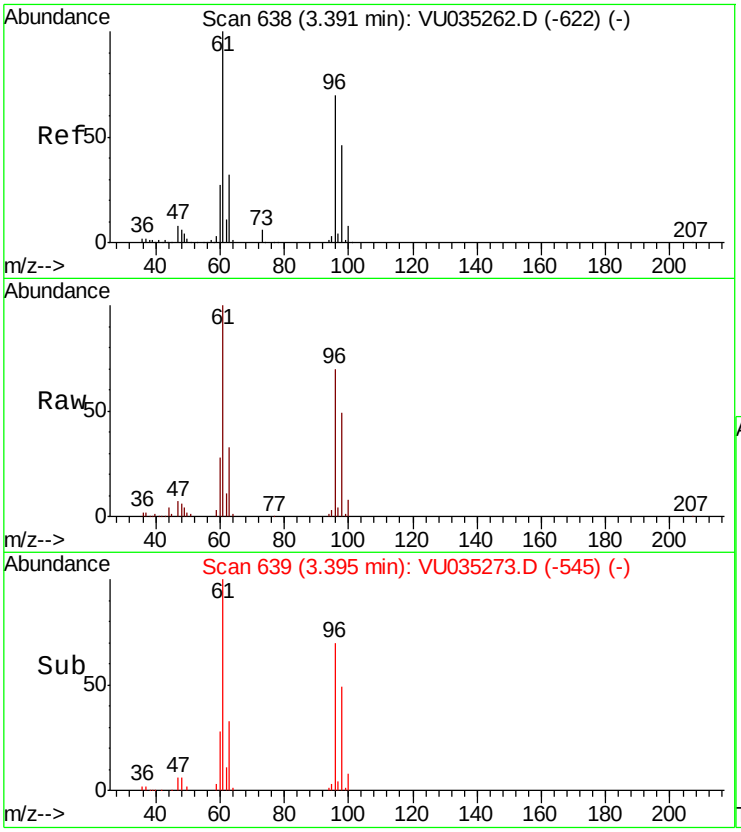


#16
Methylene chloride
Concen: 0.125 ug/L
RT: 3.09 min Scan# 543
Delta R.T. 0.00 min
Lab File: VU035273.D
Acq: 18 Oct 2019 18:01

Tgt Ion: 84 Resp: 3181

Ion	Ratio	Lower	Upper
84	100		
86	55.3	45.4	84.2
49	115.3	86.8	161.2



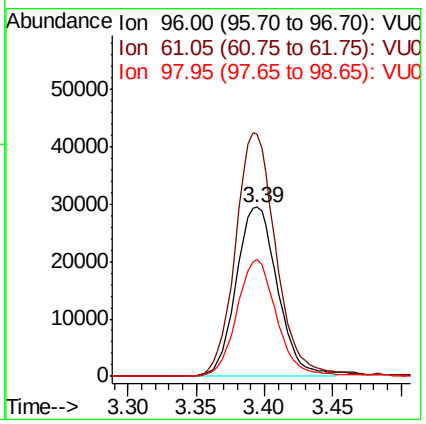


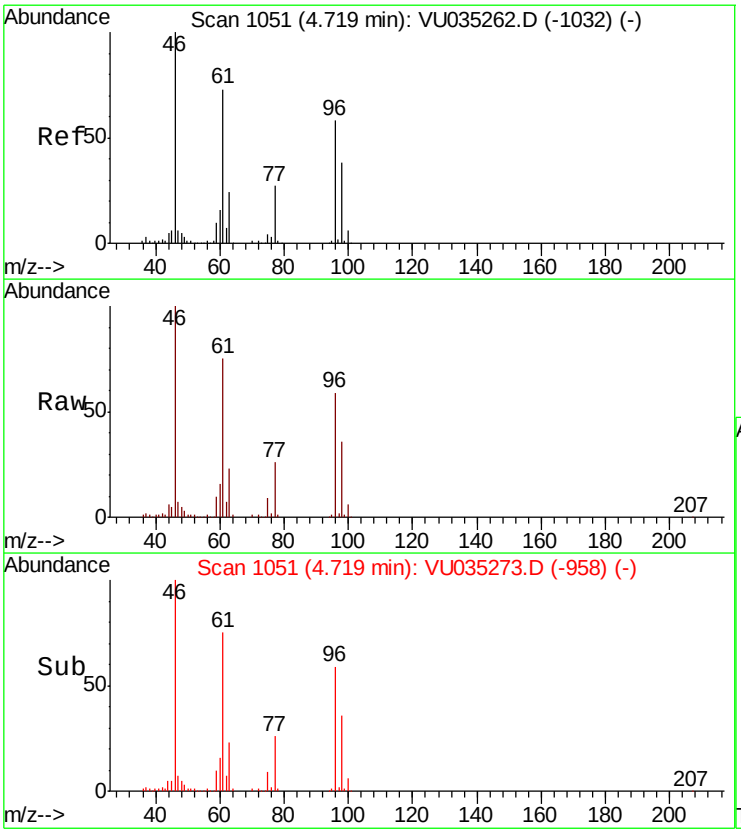
#18
trans-1,2-Dichloroethene
Concen: 2.722 ug/L
RT: 3.39 min Scan# 639
Delta R.T. 0.00 min
Lab File: VU035273.D
Acq: 18 Oct 2019 18:01

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 62045

Ion	Ratio	Lower	Upper
96	100		
61	142.9	93.0	172.6
98	69.3	43.7	81.1

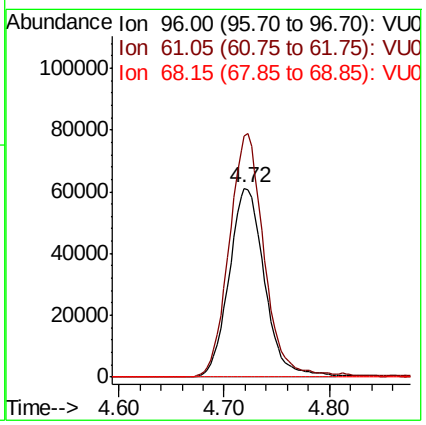


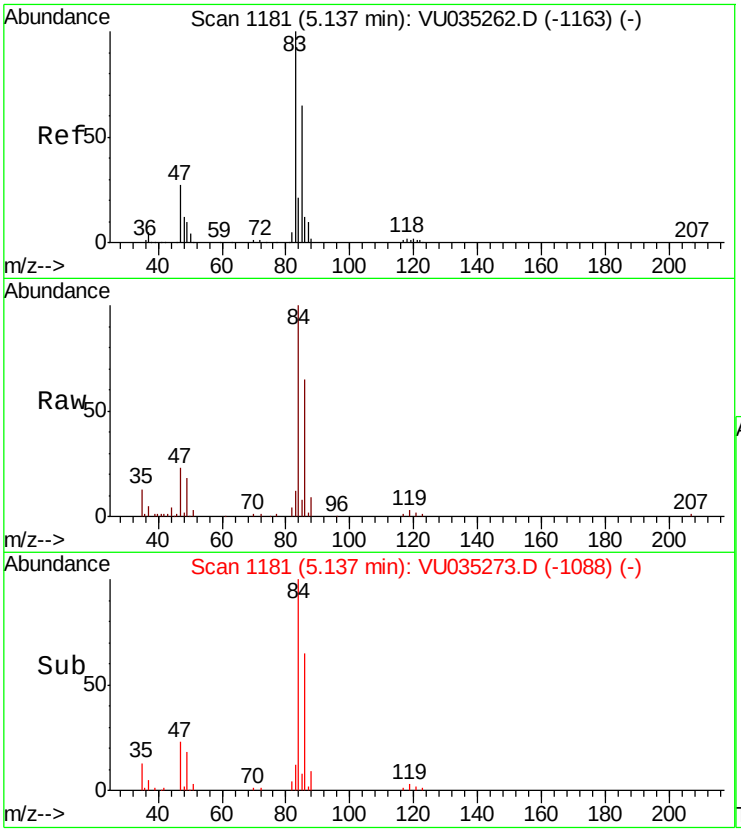


#22
cis-1,2-Dichloroethene
Concen: 5.649 ug/L
RT: 4.72 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VU035273.D
Acq: 18 Oct 2019 18:01

Tgt Ion: 96 Resp: 142327

Ion	Ratio	Lower	Upper
96	100		
61	127.6	89.7	166.5
68	0.0	0.0	0.0



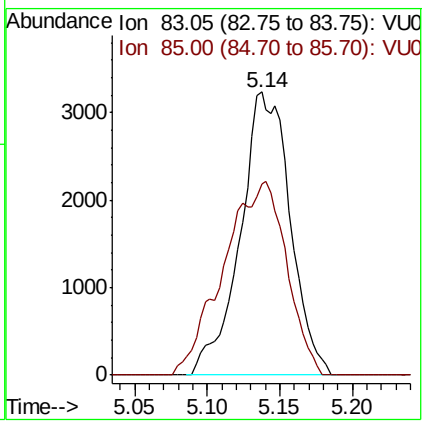


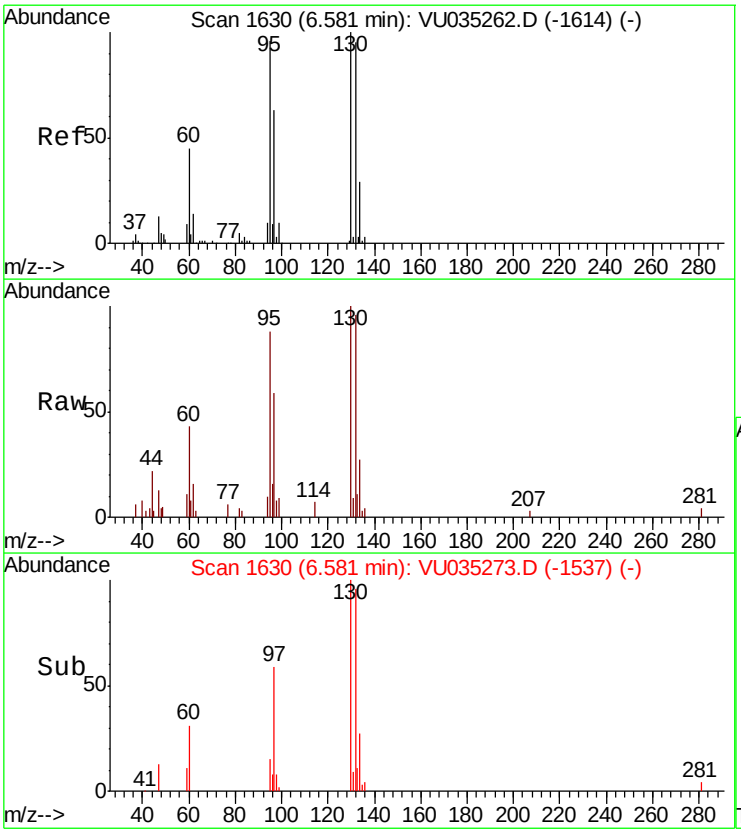
#25
Chloroform
Concen: 0.171 ug/L
RT: 5.14 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VU035273.D
Acq: 18 Oct 2019 18:01

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 7751

Ion	Ratio	Lower	Upper
83	100		
85	67.3	45.1	83.9

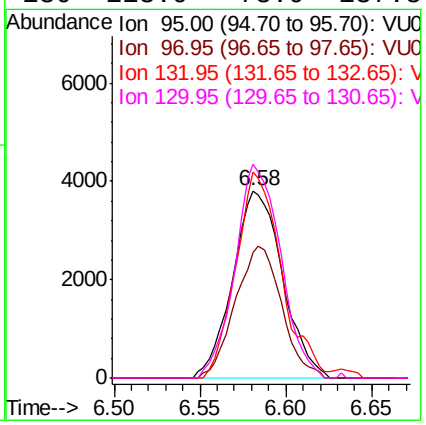


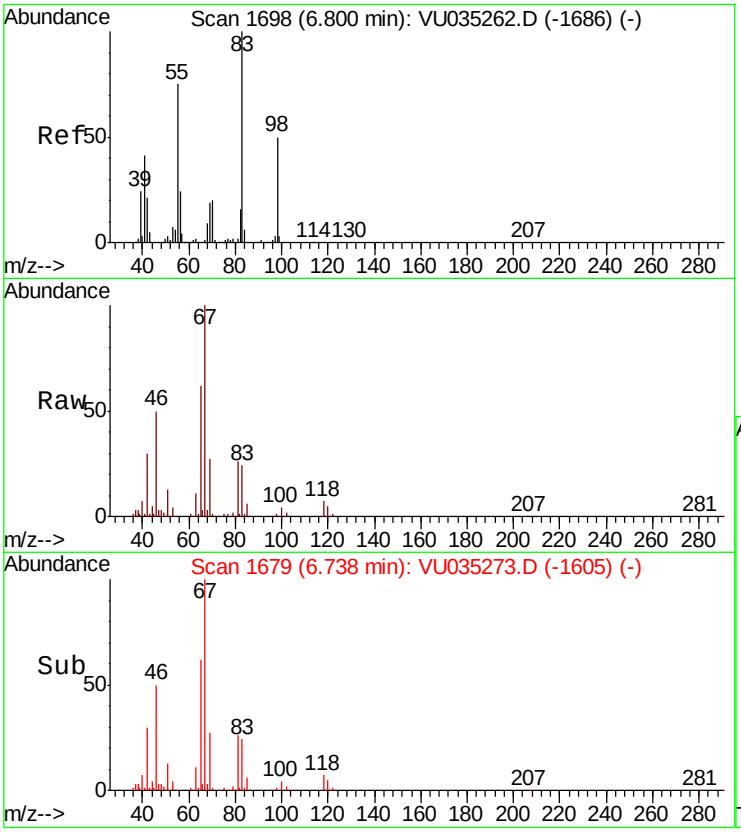


#34
Trichloroethene
Concen: 0.301 ug/L
RT: 6.58 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VU035273.D
Acq: 18 Oct 2019 18:01

Tgt Ion: 95 Resp: 7660

Ion	Ratio	Lower	Upper
95	100		
97	66.7	46.6	86.6
132	109.6	68.7	127.7
130	113.9	73.9	137.3



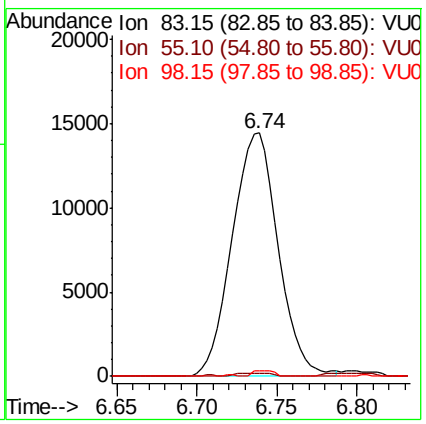


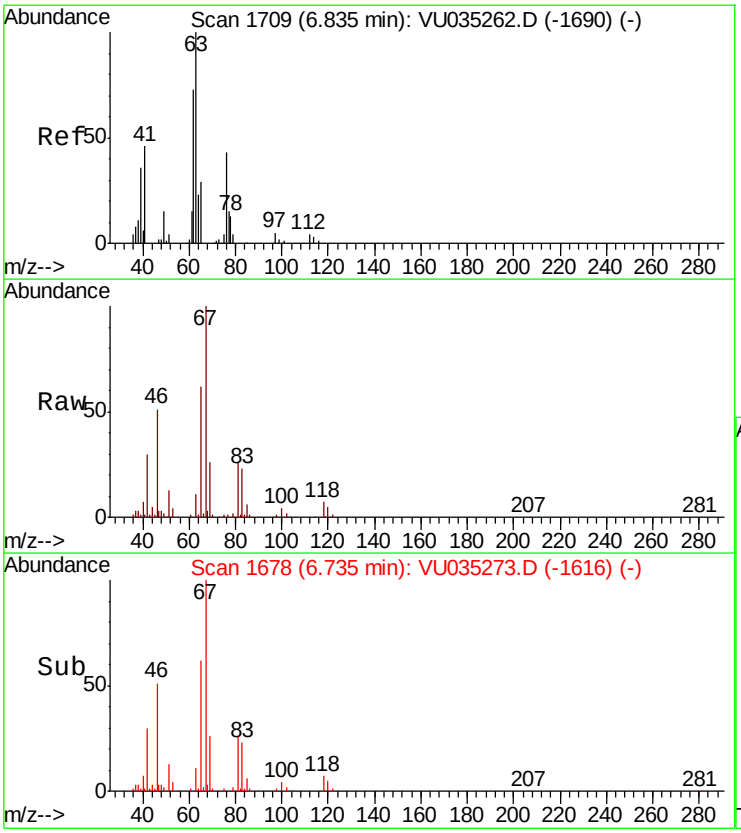
#35
Methylcyclohexane
Concen: 0.668 ug/L
RT: 6.74 min Scan# 1679
Delta R.T. -0.06 min
Lab File: VU035273.D
Acq: 18 Oct 2019 18:01

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 28407

Ion	Ratio	Lower	Upper
83	100		
55	0.5	60.4	90.6#
98	1.1	39.5	59.3#

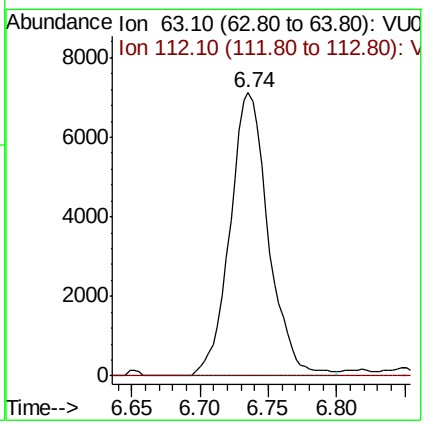


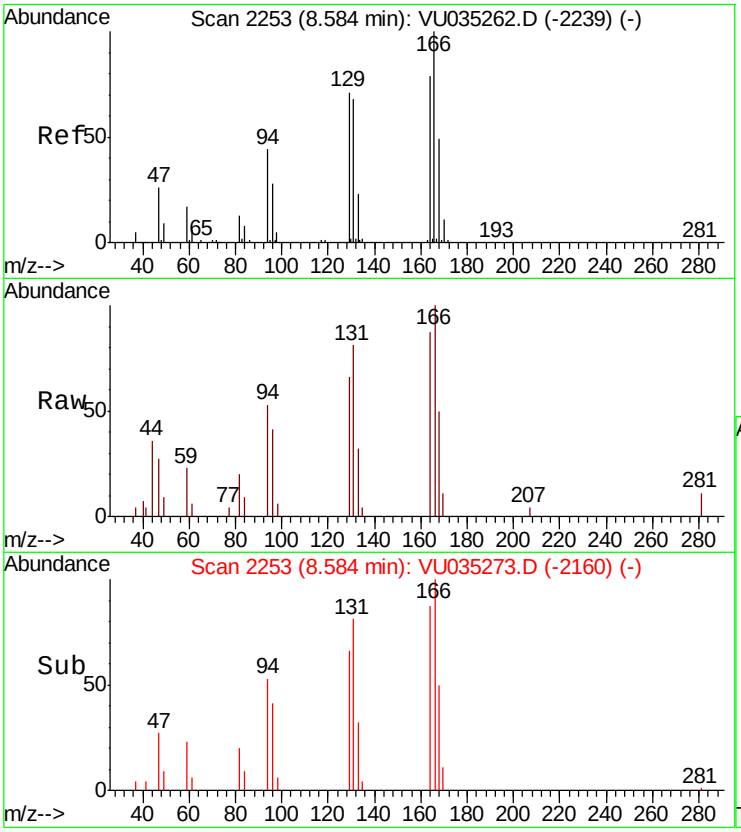


#37
1,2-Dichloropropane
Concen: 0.581 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.10 min
Lab File: VU035273.D
Acq: 18 Oct 2019 18:01

Tgt Ion: 63 Resp: 13954

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.7	5.5#



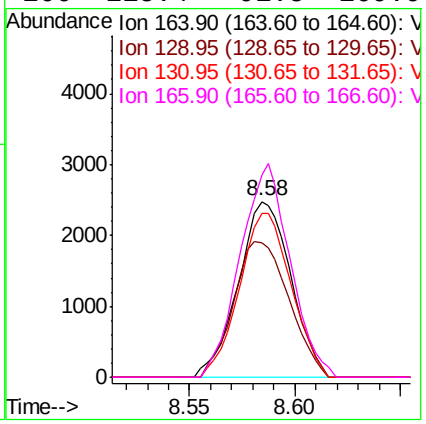


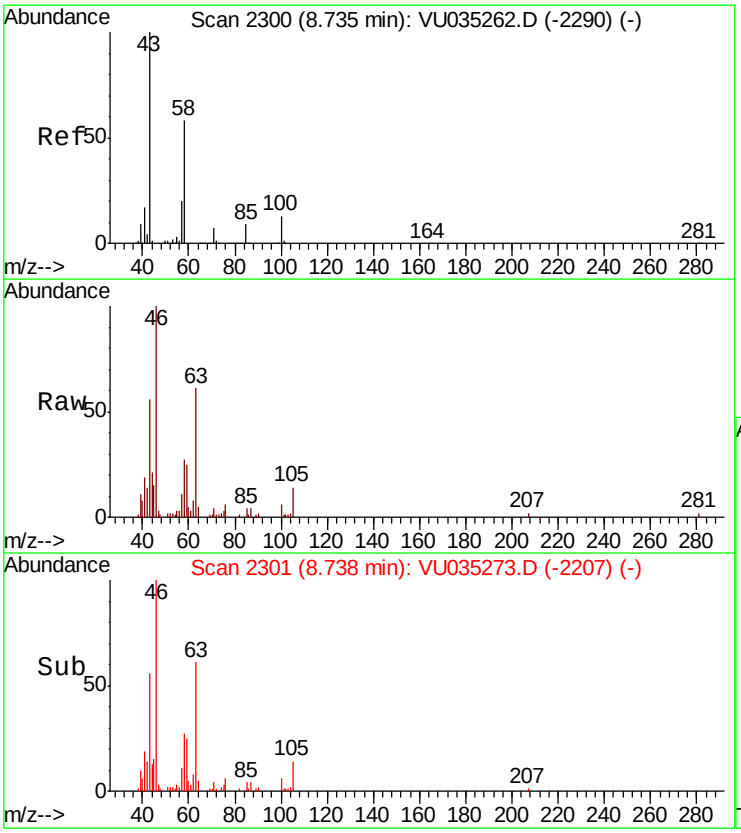
#47
Tetrachloroethene
Concen: 0.202 ug/L
RT: 8.58 min Scan# 2253
Delta R.T. -0.00 min
Lab File: VU035273.D
Acq: 18 Oct 2019 18:01

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:164 Resp: 4286

Ion	Ratio	Lower	Upper
164	100		
129	76.4	65.2	121.0
131	93.1	62.9	116.9
166	115.4	91.5	169.9

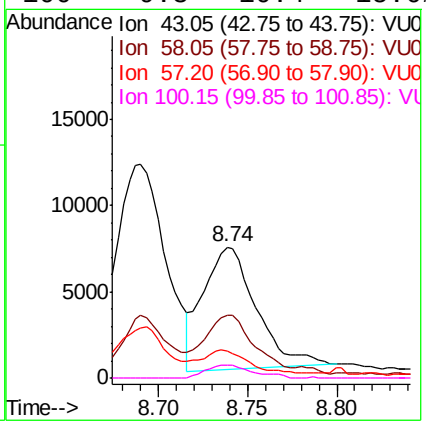


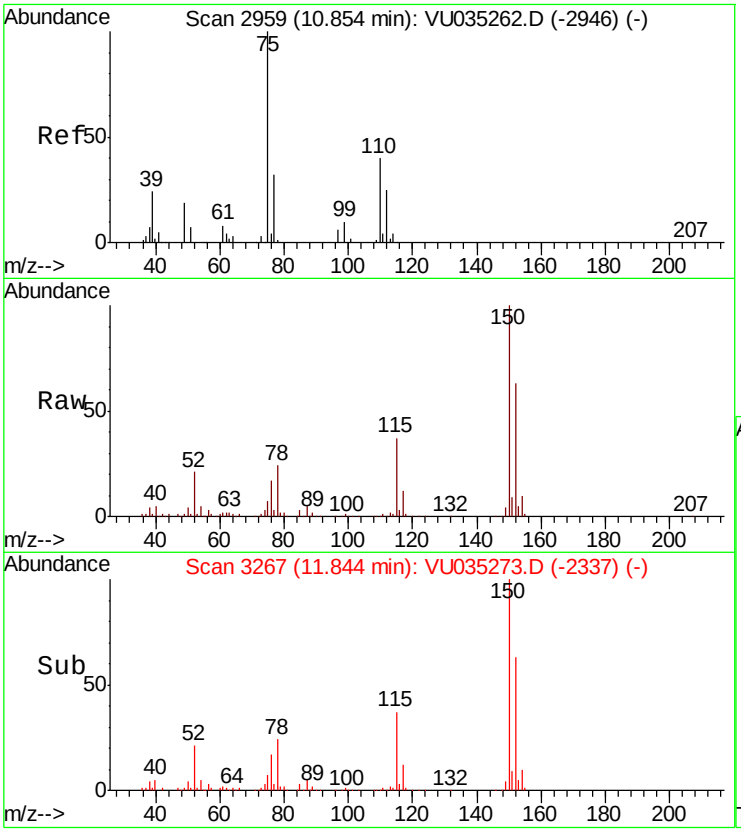


#48
2-Hexanone
Concen: 1.282 ug/L
RT: 8.74 min Scan# 2301
Delta R.T. 0.00 min
Lab File: VU035273.D
Acq: 18 Oct 2019 18:01

Tgt Ion: 43 Resp: 14584

Ion	Ratio	Lower	Upper
43	100		
58	40.0	45.1	67.7#
57	23.3	16.0	24.0
100	9.3	10.4	15.6#



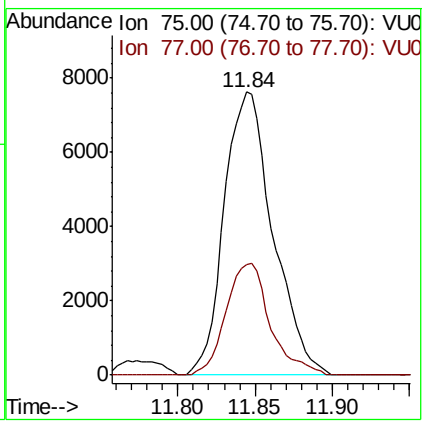


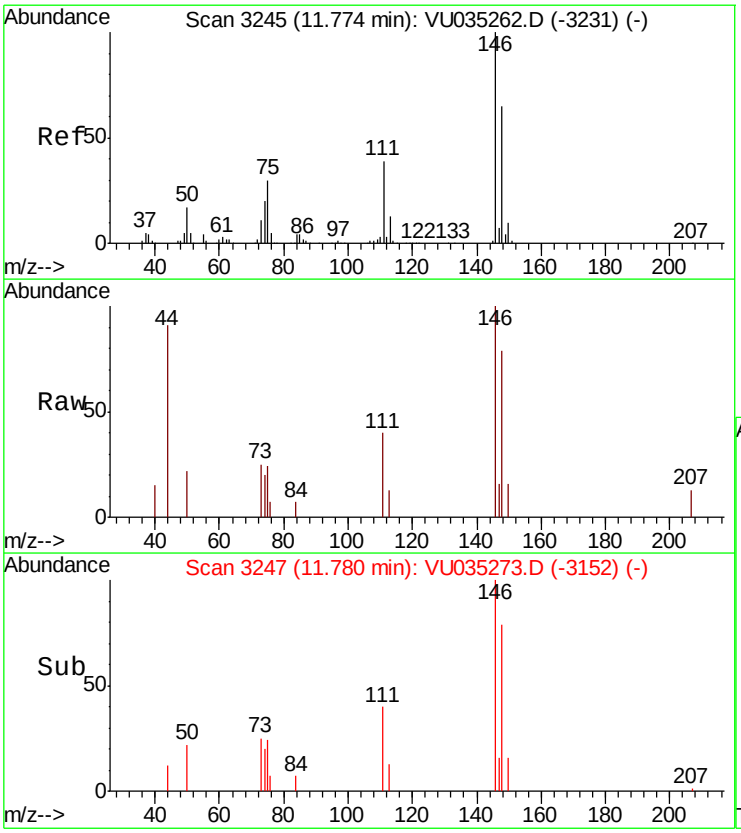
#59
1,2,3-Trichloropropane
Concen: 0.996 ug/L
RT: 11.84 min Scan# 3267
Delta R.T. 0.99 min
Lab File: VU035273.D
Acq: 18 Oct 2019 18:01

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 16679

Ion	Ratio	Lower	Upper
75	100		
77	35.9	26.2	39.2

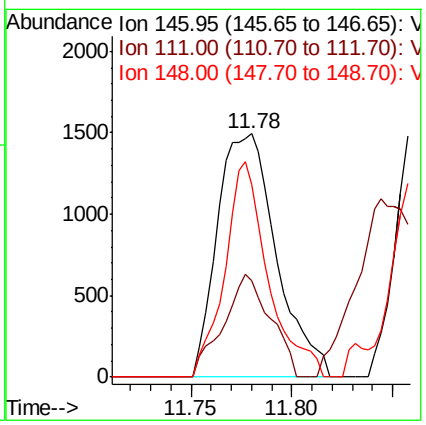


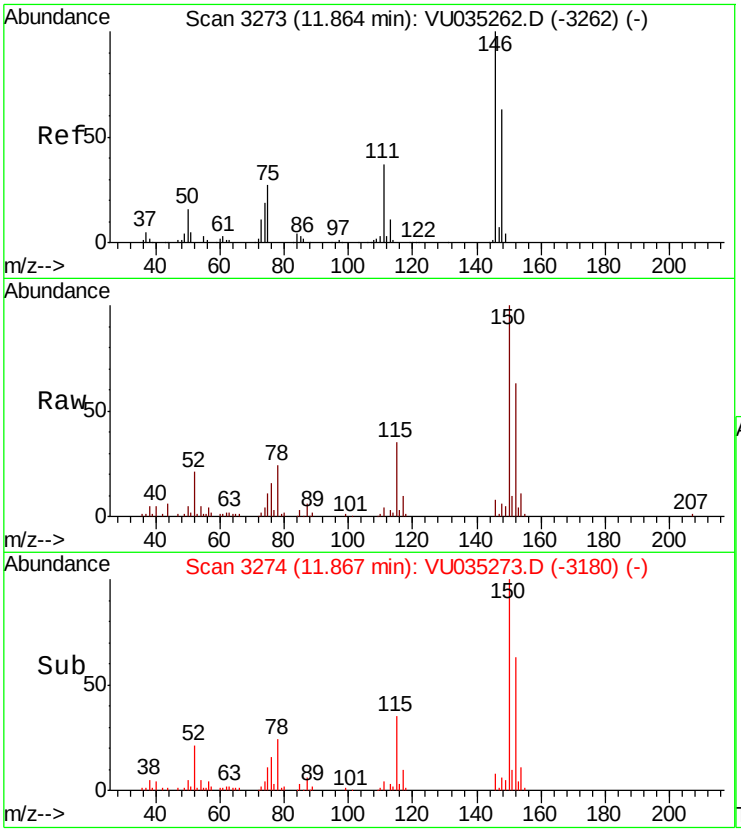


#62
1,3-Dichlorobenzene
Concen: 0.069 ug/L
RT: 11.78 min Scan# 3247
Delta R.T. 0.01 min
Lab File: VU035273.D
Acq: 18 Oct 2019 18:01

Tgt Ion:146 Resp: 3043

Ion	Ratio	Lower	Upper
146	100		
111	39.5	27.8	51.6
148	79.1	45.6	84.8



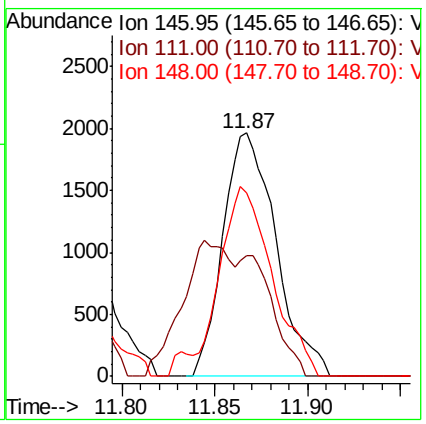


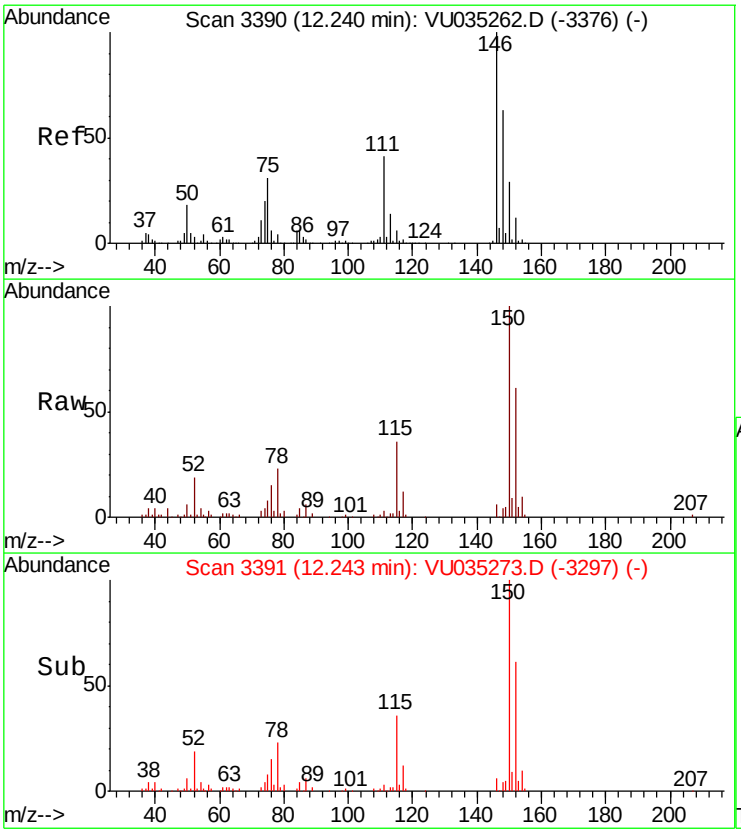
#63
1,4-Dichlorobenzene
Concen: 0.090 ug/L
RT: 11.87 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VU035273.D
Acq: 18 Oct 2019 18:01

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:146 Resp: 3900

Ion	Ratio	Lower	Upper
146	100		
111	49.6	26.4	49.0#
148	75.5	44.7	83.1

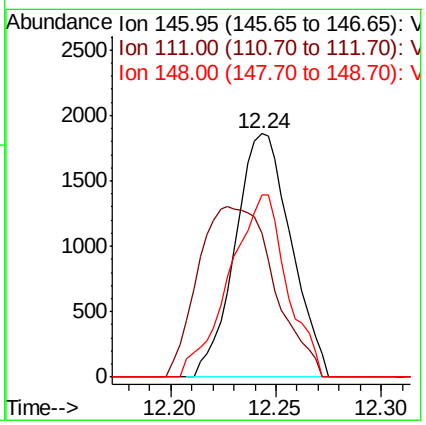


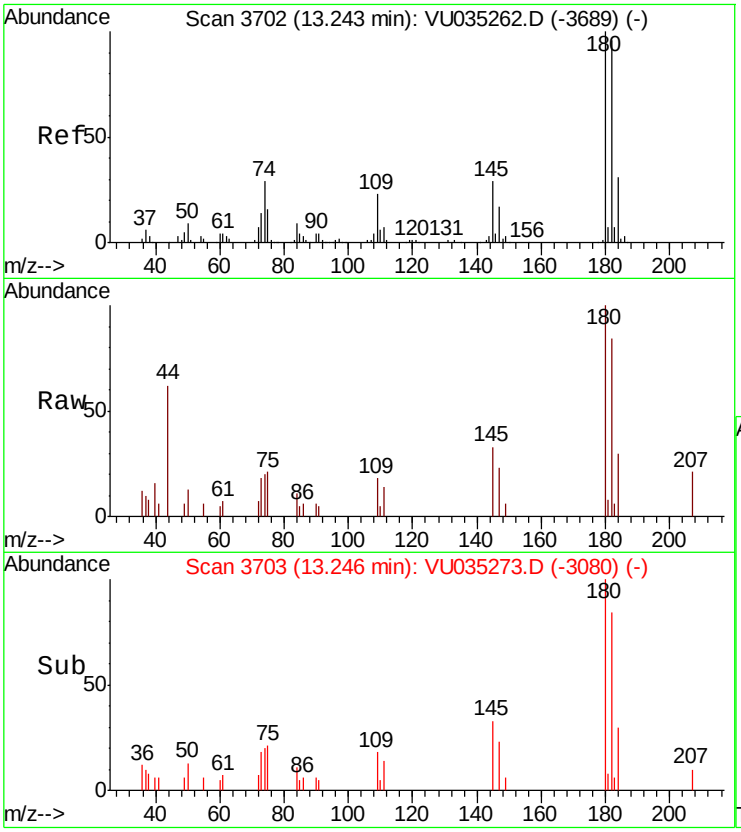


#65
1,2-Dichlorobenzene
Concen: 0.082 ug/L
RT: 12.24 min Scan# 3391
Delta R.T. 0.00 min
Lab File: VU035273.D
Acq: 18 Oct 2019 18:01

Tgt Ion:146 Resp: 3425

Ion	Ratio	Lower	Upper
146	100		
111	59.0	33.0	49.6#
148	75.0	51.0	76.4



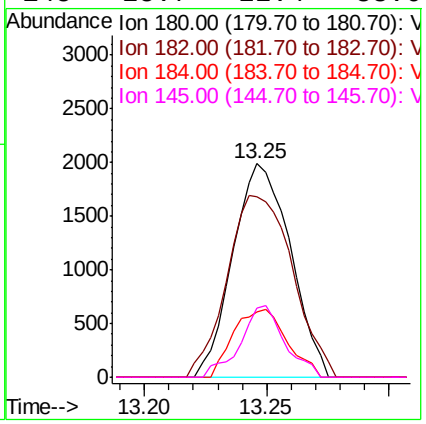


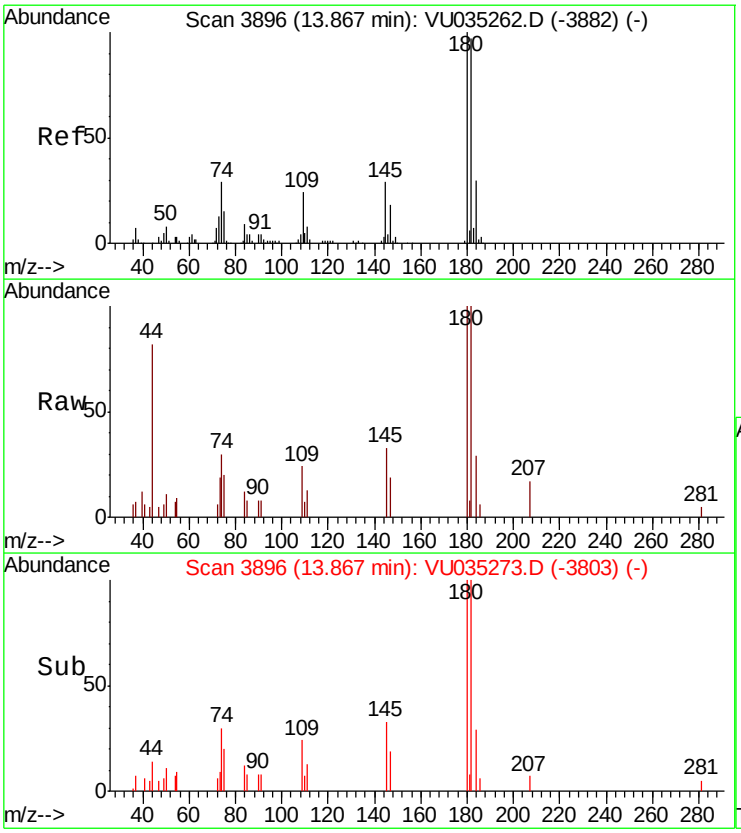
#67
1,3,5-Trichlorobenzene
Concen: 0.118 ug/L
RT: 13.25 min Scan# 3703
Delta R.T. 0.00 min
Lab File: VU035273.D
Acq: 18 Oct 2019 18:01

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:180 Resp: 3250

Ion	Ratio	Lower	Upper
180	100		
182	96.9	77.4	116.2
184	29.6	23.9	35.9
145	25.7	22.4	33.6

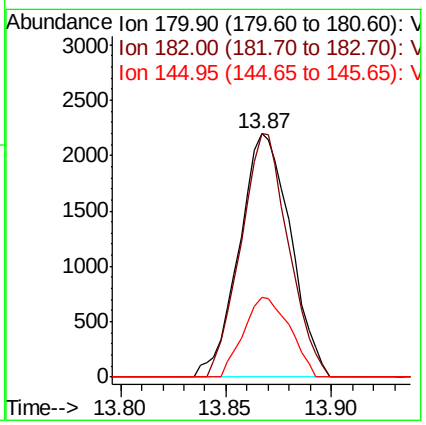


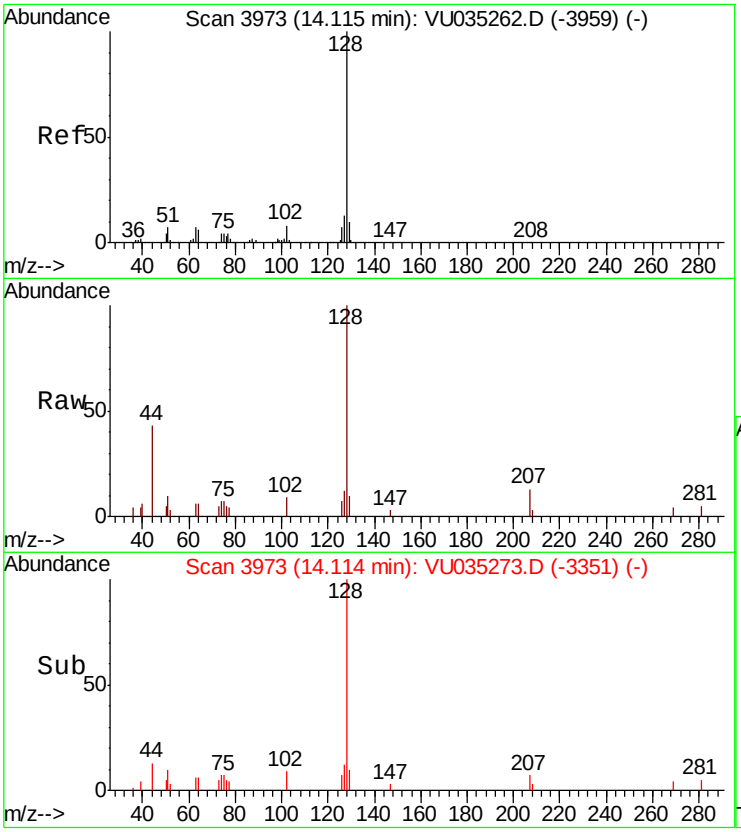


#68
1,2,4-trichlorobenzene
Concen: 0.203 ug/L
RT: 13.87 min Scan# 3896
Delta R.T. -0.00 min
Lab File: VU035273.D
Acq: 18 Oct 2019 18:01

Tgt Ion:180 Resp: 3716

Ion	Ratio	Lower	Upper
180	100		
182	92.8	75.9	113.9
145	29.3	23.4	35.2



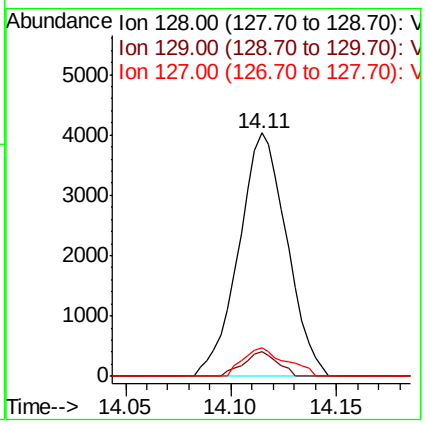


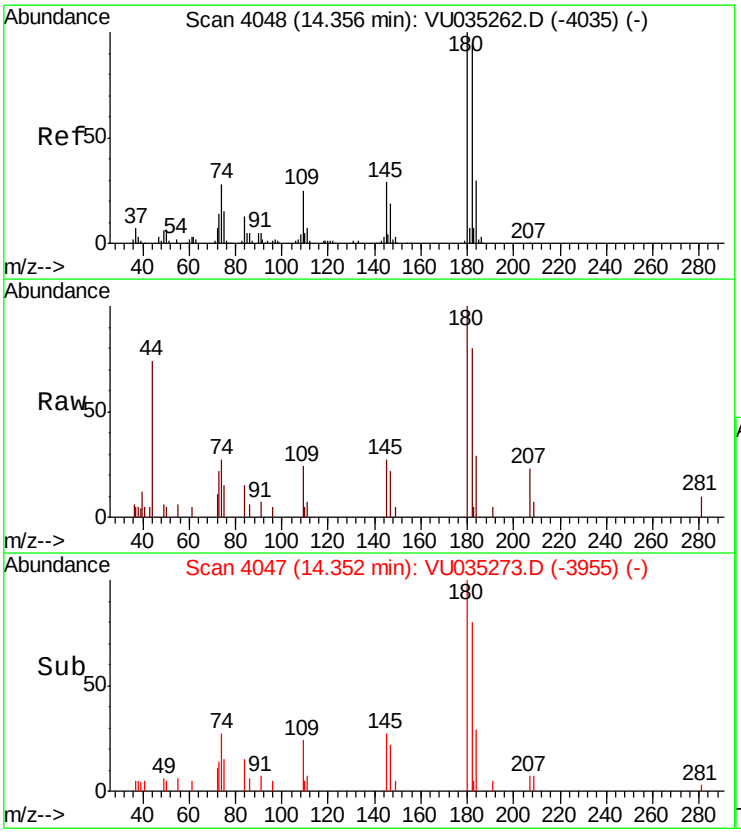
#69
Naphthalene
Concen: 0.254 ug/L
RT: 14.11 min Scan# 3973
Delta R.T. -0.00 min
Lab File: VU035273.D
Acq: 18 Oct 2019 18:01

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 6375

Ion	Ratio	Lower	Upper
128	100		
129	7.2	8.6	13.0#
127	10.3	10.7	16.1#





#70
1,2,3-Trichlorobenzene
Concen: 0.238 ug/L
RT: 14.35 min Scan# 4047
Delta R.T. -0.00 min
Lab File: VU035273.D
Acq: 18 Oct 2019 18:01

Tgt Ion:180 Resp: 4066

Ion	Ratio	Lower	Upper
180	100		
182	93.2	76.0	114.0
145	29.6	24.6	37.0