Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112519\

Quantitation Report (Not Reviewed)

Data File : VU035835.D
Acq On : 25 Nov 2019 20:08
Operator : JC/SP
Sample : K5992-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GARE7

Quant Time: Nov 26 01:07:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 26 01:03:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	262253	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	287663	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	93743	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.62	65	159595	4.66	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 93.20%			
7) Chloroethane-d5	1.93	69	129771	4.38	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 87.60%			
11) 1,1-Dichloroethene-d2	2.61	63	534350	8.39	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 167.80%#			
20) 2-Butanone-d5	4.70	46	446403	56.30	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 112.60%			
24) Chloroform-d	5.11	84	257120	4.43	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.60%			
26) 1,2-Dichloroethane-d4	5.75	65	152216	4.67	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.40%			
32) Benzene-d6	5.77	84	517047	4.71	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.20%			
36) 1,2-Dichloropropane-d6	6.74	67	189319	5.12	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 102.40%			
41) Toluene-d8	7.93	98	438894	4.33	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.60%			
43) trans-1,3-Dichloropropene-	8.21	79	68931	4.79	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 95.80%			
46) 2-Hexanone-d5	8.68	63	343303	59.36	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 118.72%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	150438	4.83	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.60%			
64) 1,2-Dichlorobenzene-d4	12.22	152	108666	5.34	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 106.80%			
Target Compounds						Qvalue
3) Chloromethane	1.54	50	6907	0.158	ug/L	90
5) Vinyl chloride	1.62	62	3574020	81.614	ug/L	99
12) 1,1-Dichloroethene	2.61	96	601906	22.058	ug/L #	74
13) Acetone	2.67	43	8736	1.255	ug/L	92
16) Methylene chloride	3.08	84	2105	0.064	ug/L	91
18) trans-1,2-Dichloroethene	3.39	96	133131	4.955	ug/L	98
19) 1,1-Dichloroethane	3.92	63	12058	0.200	ug/L	95
22) cis-1,2-Dichloroethene	4.72	96	15099678	504.293	ug/L	86
25) Chloroform	5.14	83	45132	0.768	ug/L	100
27) 1,2-Dichloroethane	5.84	62	6998	0.181	ug/L	100
30) Cyclohexane	5.43	56	14255	0.314	ug/L	98
33) Benzene	5.82	78	59920	0.499	ug/L	100
35) Methylcyclohexane	6.61	83	2180969	50.479	ug/L #	1
37) 1,2-Dichloropropane	6.74	63	21642	0.635	ug/L #	91
39) cis-1,3-Dichloropropene	7.60	75	4840	0.110	ug/L #	50
45) 1,1,2-Trichloroethane	8.43	97	25382	1.144	ug/L	95
47) Tetrachloroethene	8.58	164	138935	6.202	ug/L	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112519\

Quantitation Report (Not Reviewed)

Data File : VU035835.D
Acq On : 25 Nov 2019 20:08
Operator : JC/SP
Sample : K5992-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GARE7

Quant Time: Nov 26 01:07:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 26 01:03:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) 2-Hexanone	8.68	43	35114	2.281	ug/L	#	63
49) Dibromochloromethane	8.58	129	129424	4.944	ug/L	#	12
59) 1,2,3-Trichloropropane	11.84	75	13332	0.602	ug/L		89
62) 1,3-Dichlorobenzene	11.77	146	2194	0.065	ug/L		88
63) 1,4-Dichlorobenzene	11.86	146	2573	0.078	ug/L		98
68) 1,2,4-trichlorobenzene	13.87	180	1247	0.107	ug/L	#	75
69) Naphthalene	14.10	128	1872	0.114	ug/L	#	90

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

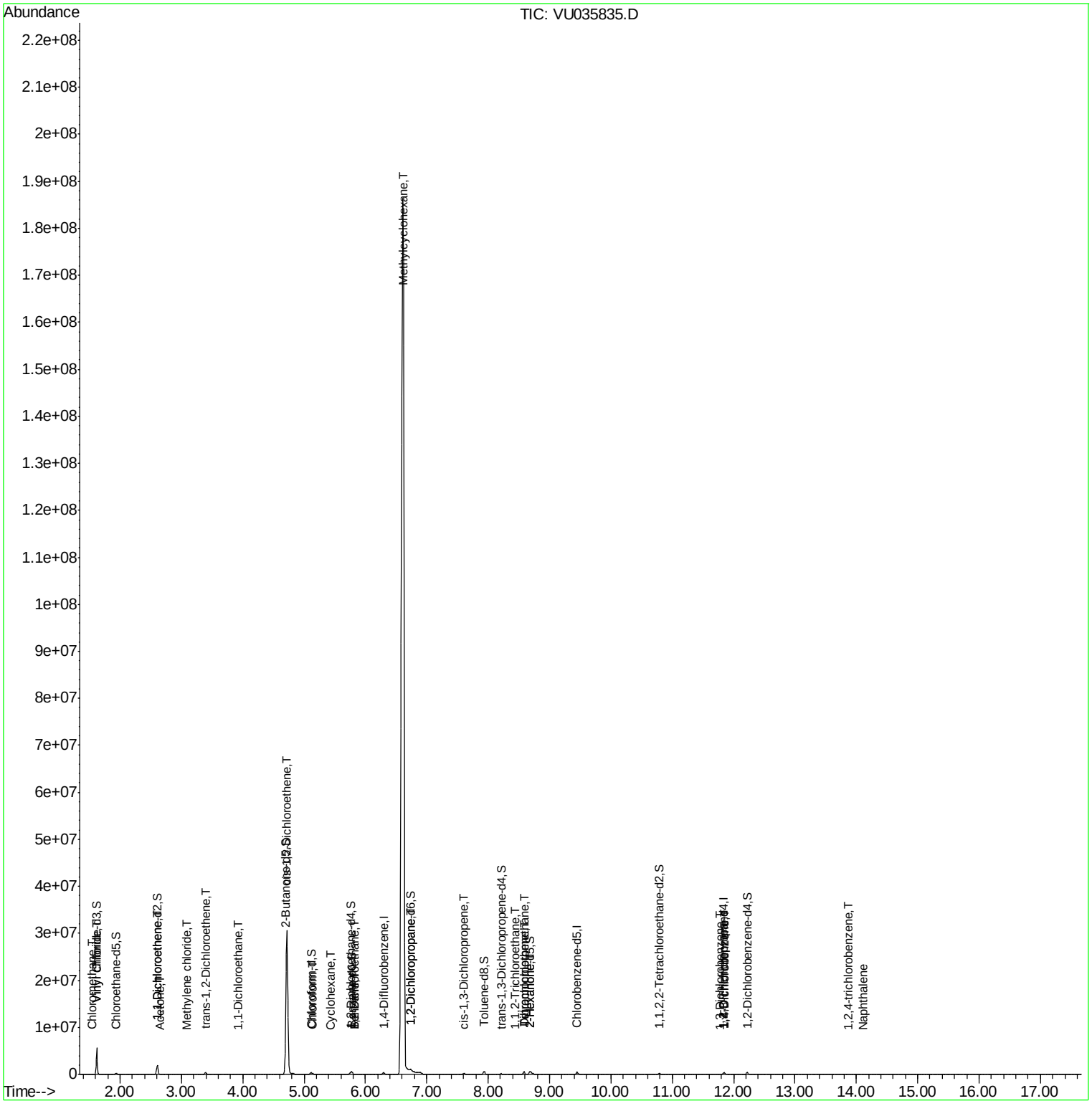
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112519\

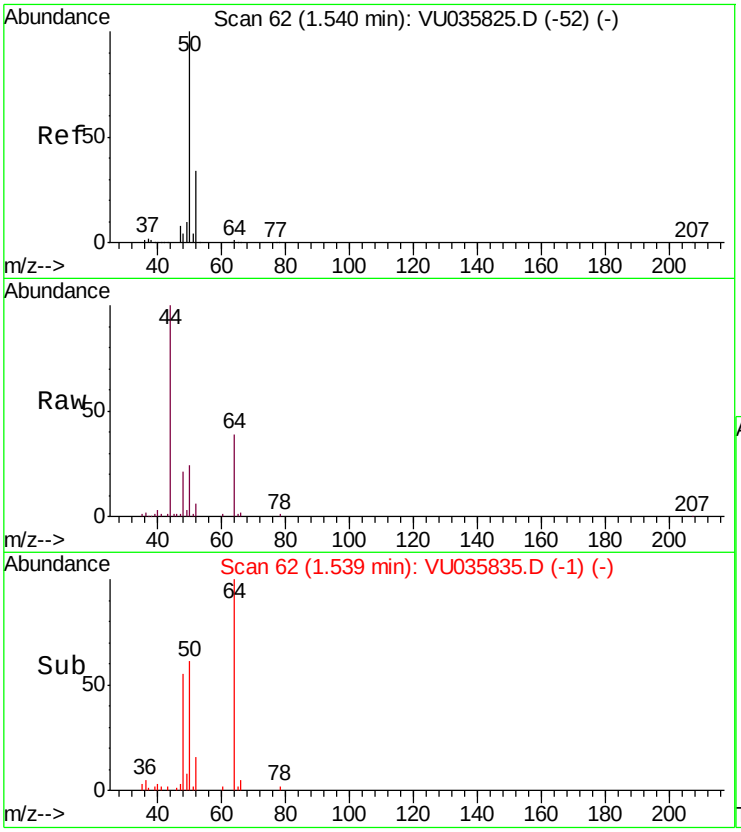
Quantitation Report (Not Reviewed)

Data File : VU035835.D
Acq On : 25 Nov 2019 20:08
Operator : JC/SP
Sample : K5992-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GARE7

Quant Time: Nov 26 01:07:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 26 01:03:35 2019
Response via : Initial Calibration



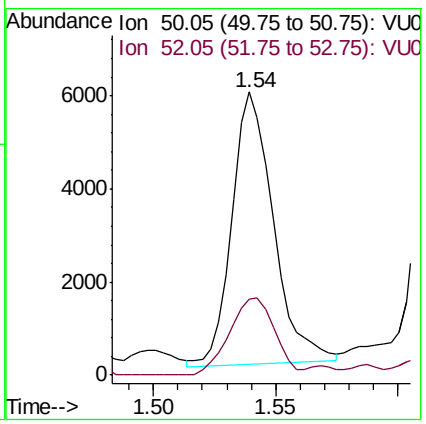


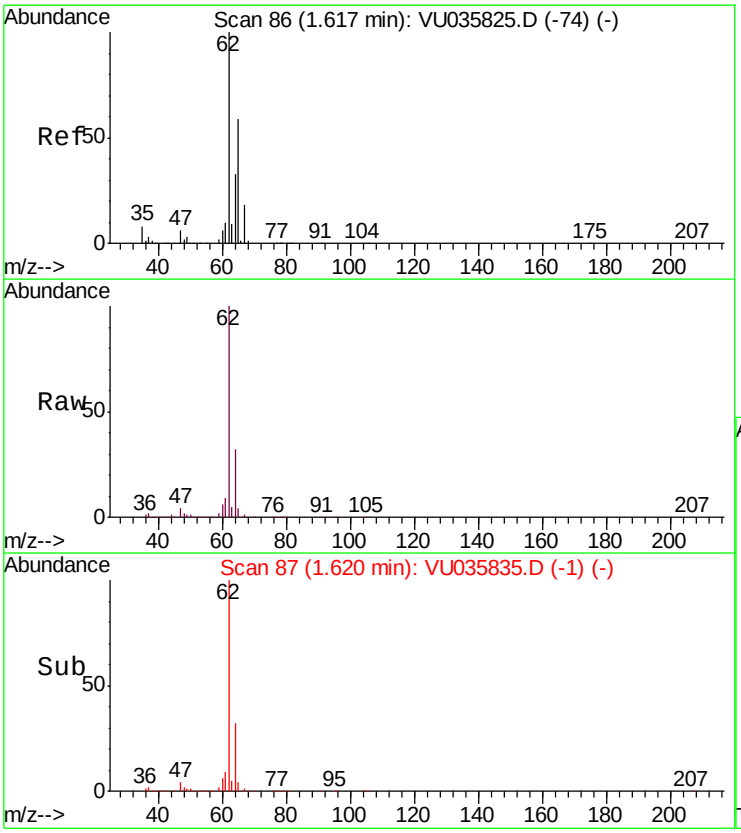
#3
Chloromethane
Concen: 0.158 ug/L
RT: 1.54 min Scan# 62
Delta R.T. -0.00 min
Lab File: VU035835.D
Acq: 25 Nov 2019 20:08

Instrument :
MSVOA_U
ClientSampleId :
GARE7

Tgt Ion: 50 Resp: 6907

Ion	Ratio	Lower	Upper
50	100		
52	26.9	22.7	42.3

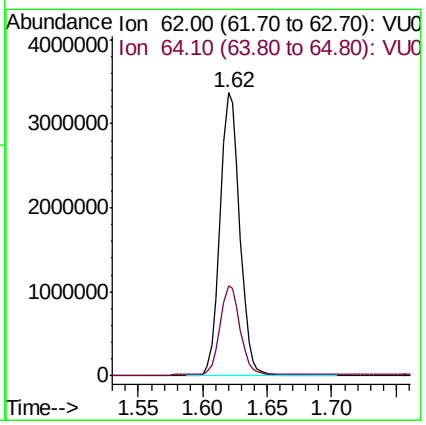


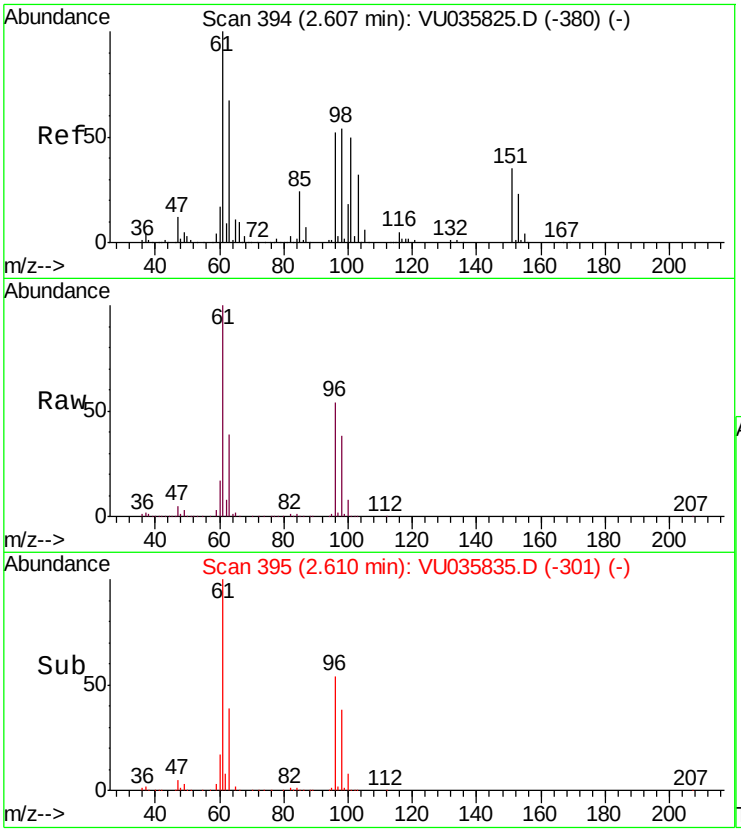


#5
Vinyl chloride
Concen: 81.614 ug/L
RT: 1.62 min Scan# 87
Delta R.T. 0.00 min
Lab File: VU035835.D
Acq: 25 Nov 2019 20:08

Tgt Ion: 62 Resp: 3574020

Ion	Ratio	Lower	Upper
62	100		
64	31.8	22.5	41.9



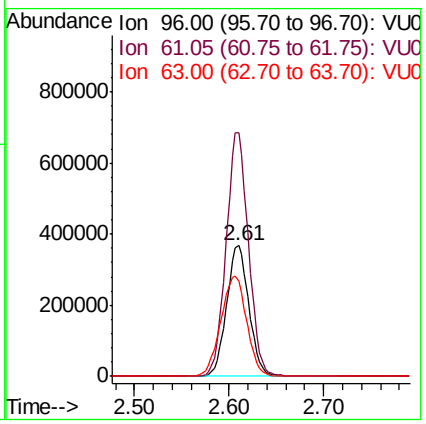


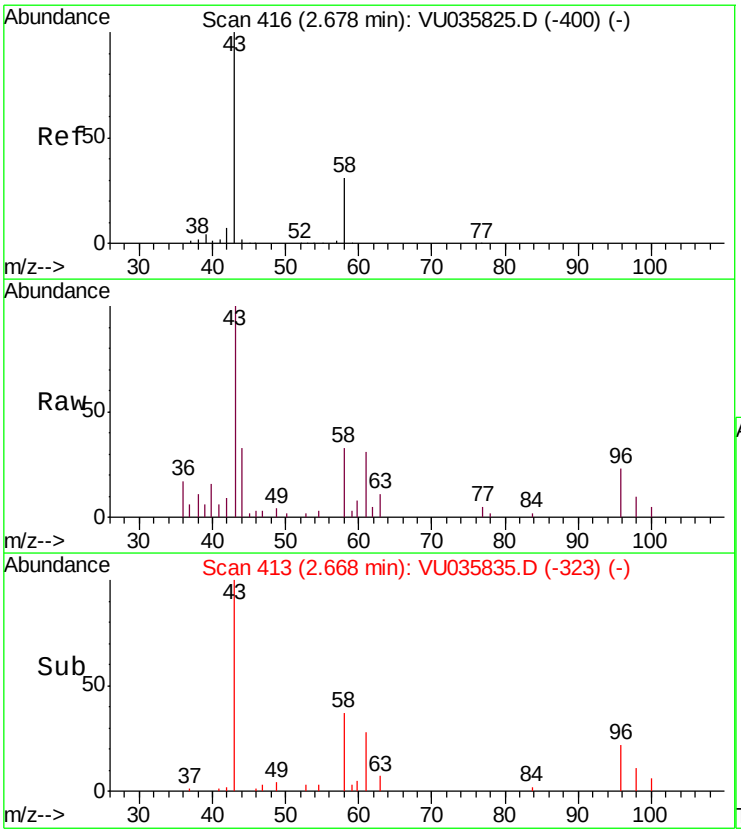
#12
1,1-Dichloroethene
Concen: 22.058 ug/L
RT: 2.61 min Scan# 395
Delta R.T. 0.00 min
Lab File: VU035835.D
Acq: 25 Nov 2019 20:08

Instrument :
MSVOA_U
ClientSampleId :
GARE7

Tgt Ion: 96 Resp: 601906

Ion	Ratio	Lower	Upper
96	100		
61	186.2	139.3	258.7
63	72.7	93.7	174.1#

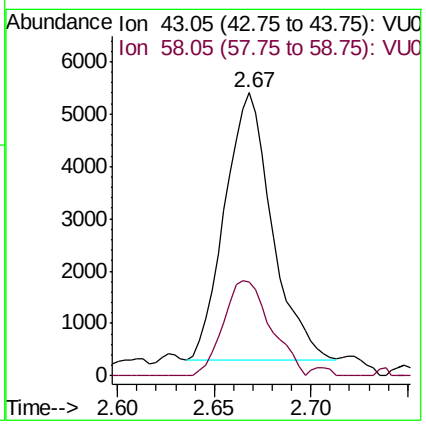


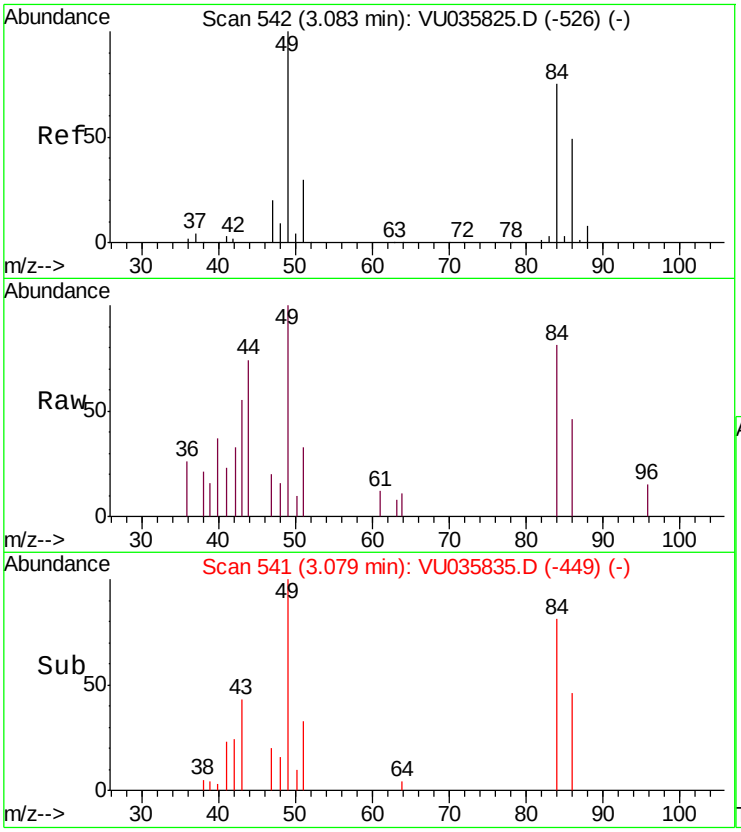


#13
Acetone
Concen: 1.255 ug/L
RT: 2.67 min Scan# 413
Delta R.T. -0.01 min
Lab File: VU035835.D
Acq: 25 Nov 2019 20:08

Tgt Ion: 43 Resp: 8736

Ion	Ratio	Lower	Upper
43	100		
58	35.2	0.0	61.2



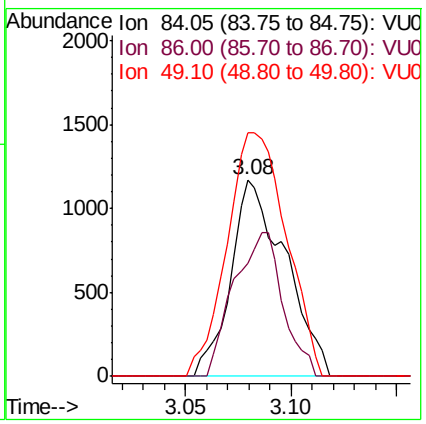


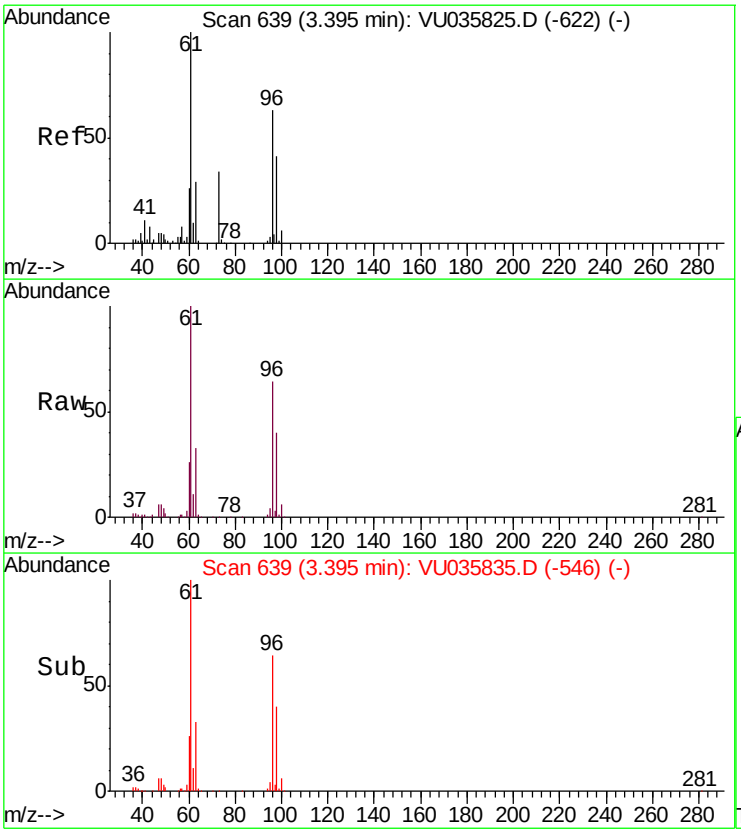
#16
Methylene chloride
Concen: 0.064 ug/L
RT: 3.08 min Scan# 541
Delta R.T. -0.00 min
Lab File: VU035835.D
Acq: 25 Nov 2019 20:08

Instrument :
MSVOA_U
ClientSampleId :
GARE7

Tgt Ion: 84 Resp: 2105

Ion	Ratio	Lower	Upper
84	100		
86	57.4	44.4	82.5
49	123.8	94.0	174.6

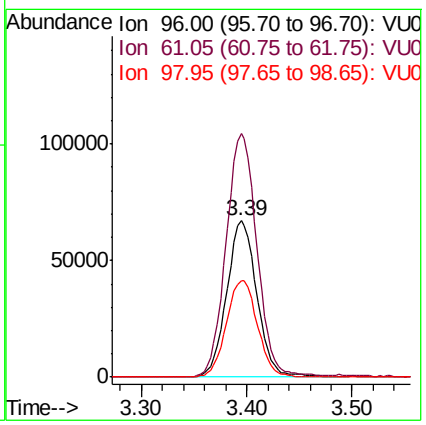


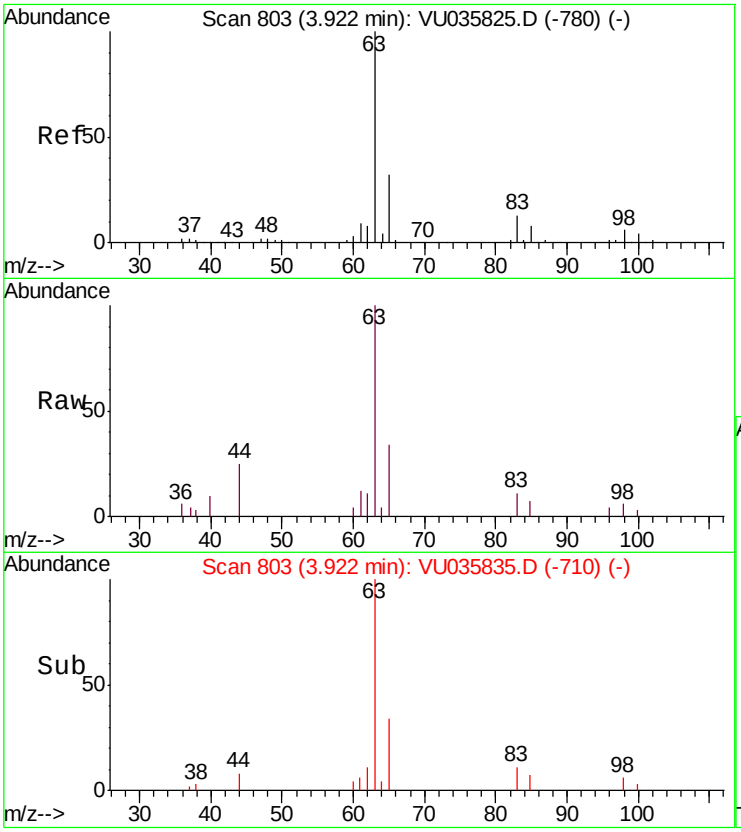


#18
trans-1,2-Dichloroethene
Concen: 4.955 ug/L
RT: 3.39 min Scan# 639
Delta R.T. -0.00 min
Lab File: VU035835.D
Acq: 25 Nov 2019 20:08

Tgt Ion: 96 Resp: 133131

Ion	Ratio	Lower	Upper
96	100		
61	156.0	111.1	206.3
98	61.7	43.1	80.1



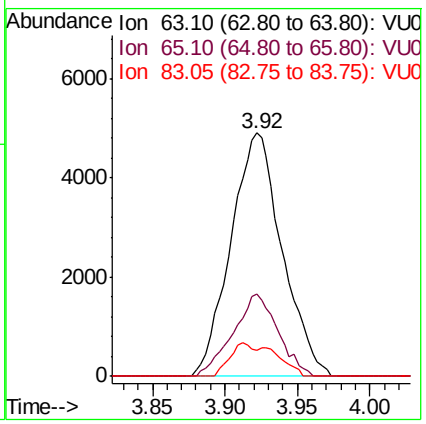


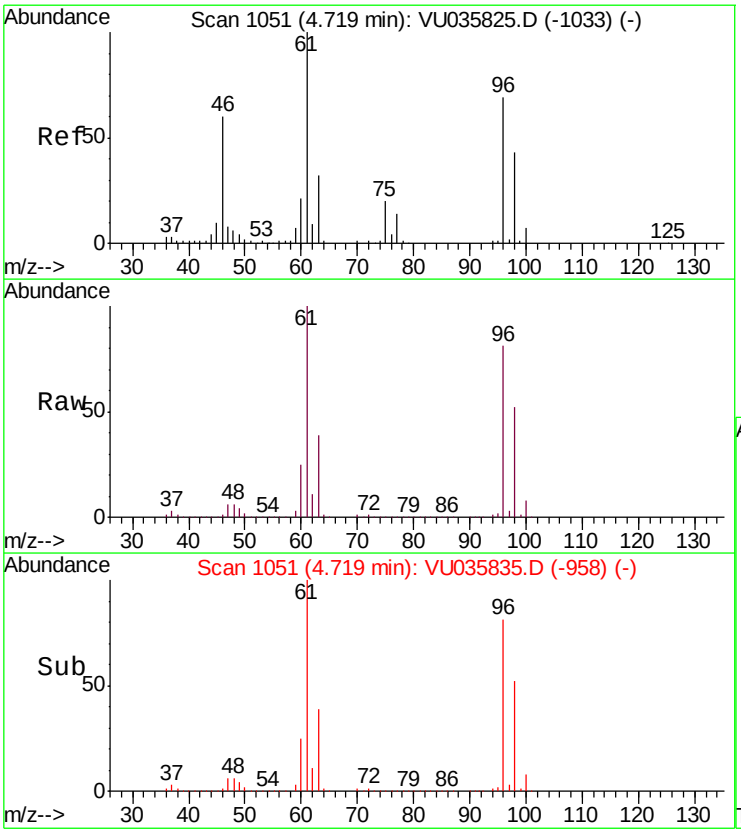
#19
1,1-Dichloroethane
Concen: 0.200 ug/L
RT: 3.92 min Scan# 803
Delta R.T. -0.00 min
Lab File: VU035835.D
Acq: 25 Nov 2019 20:08

Instrument :
MSVOA_U
ClientSampleId :
GARE7

Tgt Ion: 63 Resp: 12058

Ion	Ratio	Lower	Upper
63	100		
65	33.8	21.8	40.4
83	10.6	8.6	16.0

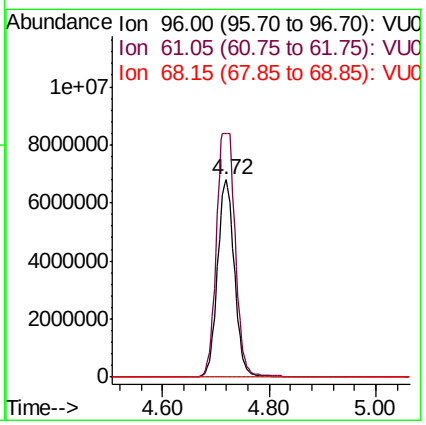


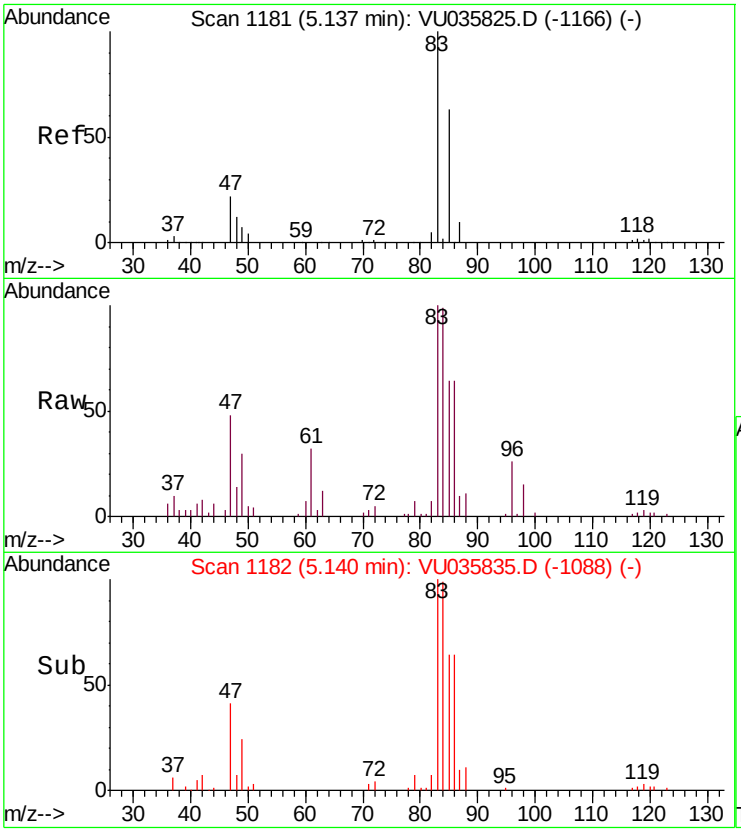


#22
cis-1,2-Dichloroethene
Concen: 504.293 ug/L
RT: 4.72 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VU035835.D
Acq: 25 Nov 2019 20:08

Tgt Ion: 96 Resp:15099678

Ion	Ratio	Lower	Upper
96	100		
61	123.4	98.1	182.1
68	0.0	0.0	0.0



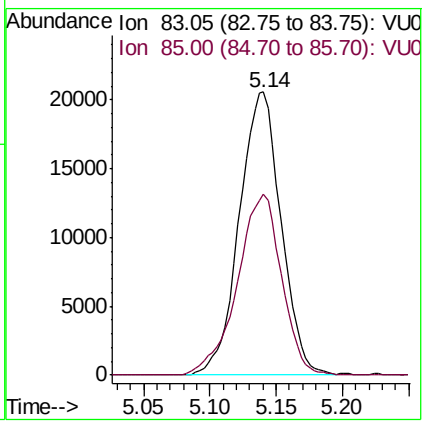


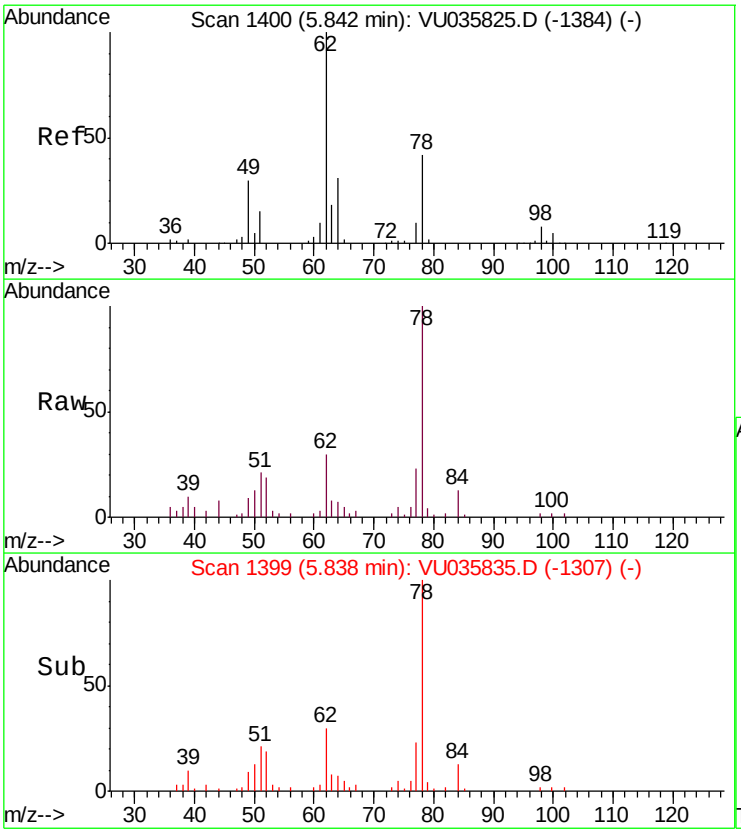
#25
Chloroform
Concen: 0.768 ug/L
RT: 5.14 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VU035835.D
Acq: 25 Nov 2019 20:08

Instrument :
MSVOA_U
ClientSampleId :
GARE7

Tgt Ion: 83 Resp: 45132

Ion	Ratio	Lower	Upper
83	100		
85	63.8	44.6	82.8

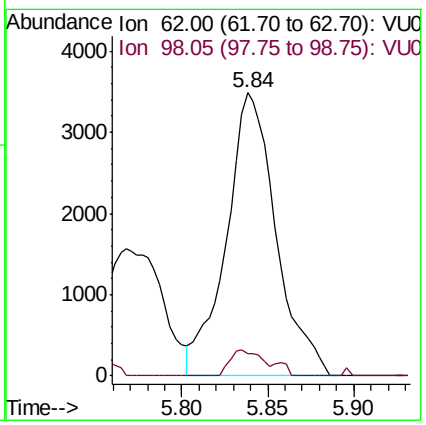


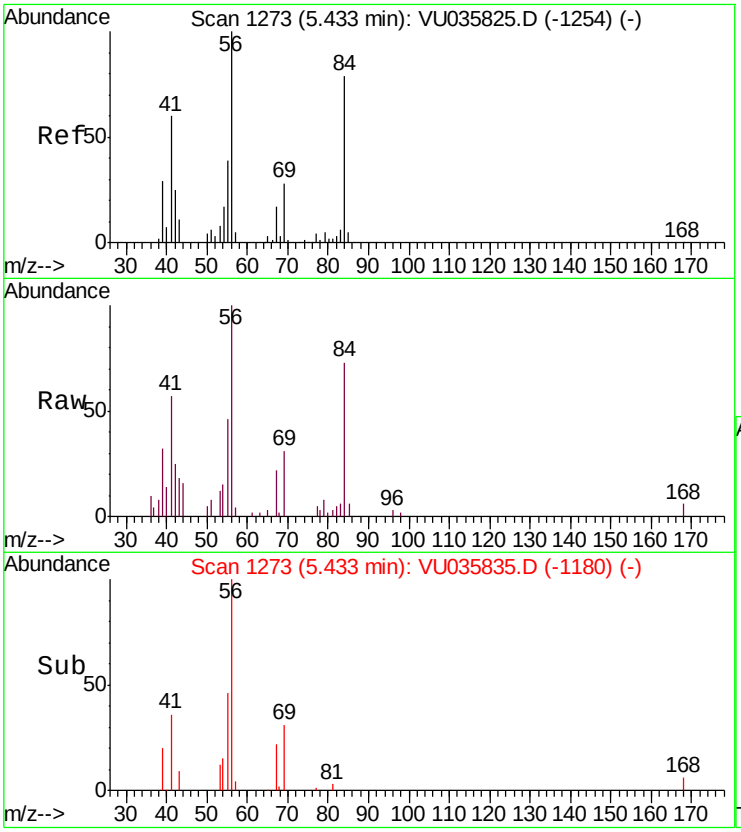


#27
1,2-Dichloroethane
Concen: 0.181 ug/L
RT: 5.84 min Scan# 1399
Delta R.T. -0.00 min
Lab File: VU035835.D
Acq: 25 Nov 2019 20:08

Tgt Ion: 62 Resp: 6998

Ion	Ratio	Lower	Upper
62	100		
98	7.8	6.2	9.4



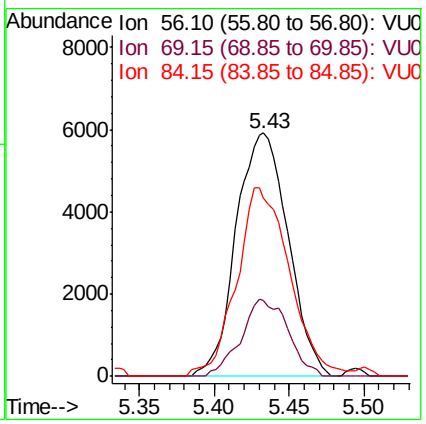


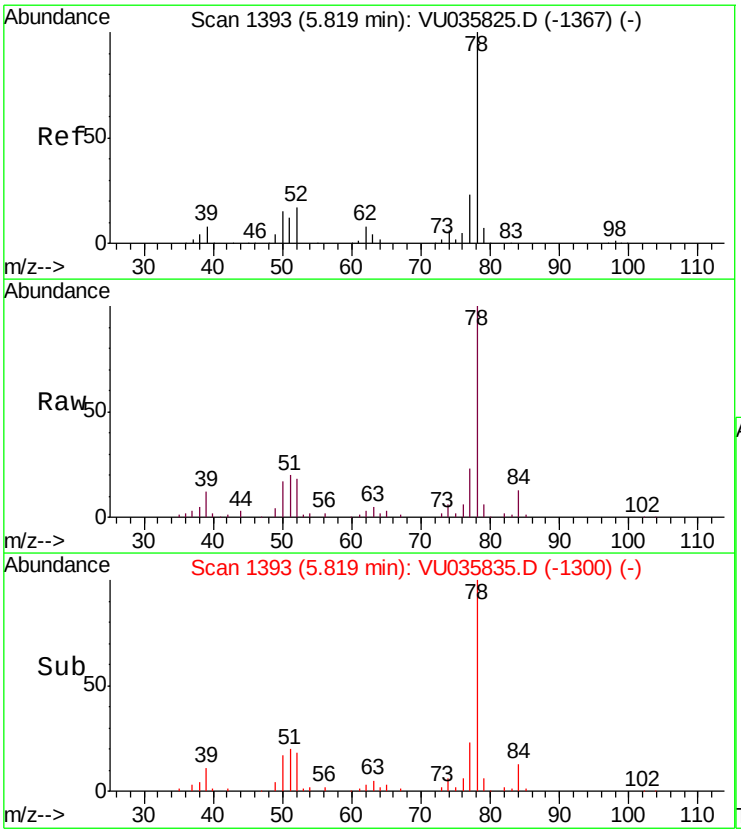
#30
Cyclohexane
Concen: 0.314 ug/L
RT: 5.43 min Scan# 1273
Delta R.T. -0.00 min
Lab File: VU035835.D
Acq: 25 Nov 2019 20:08

Instrument :
MSVOA_U
ClientSampleId :
GARE7

Tgt Ion: 56 Resp: 14255

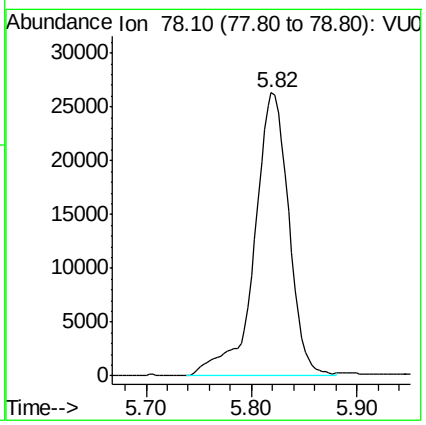
Ion	Ratio	Lower	Upper
56	100		
69	28.6	24.0	36.0
84	79.3	62.1	93.1

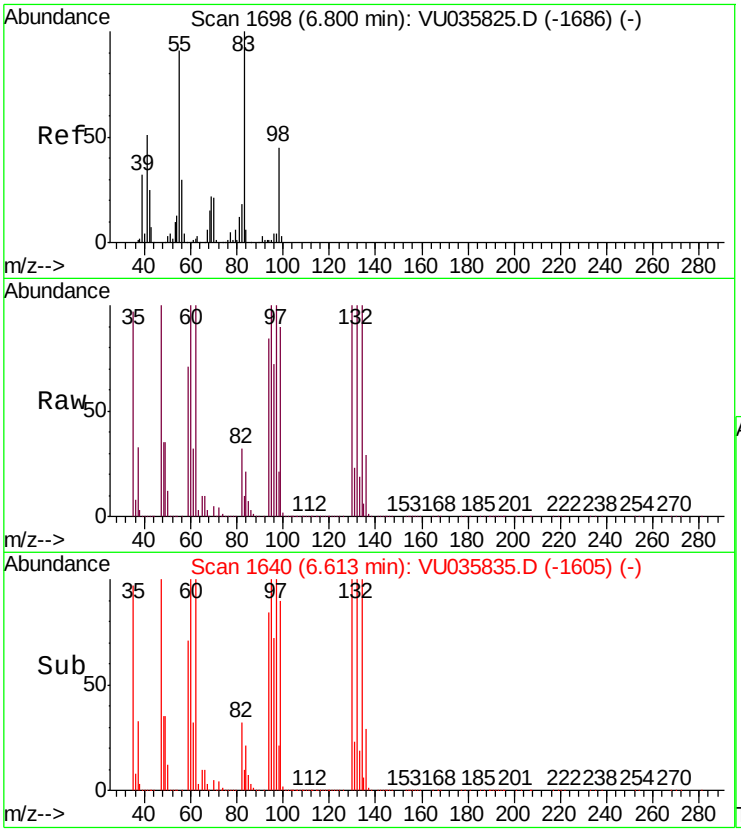




#33
Benzene
Concen: 0.499 ug/L
RT: 5.82 min Scan# 1393
Delta R.T. -0.00 min
Lab File: VU035835.D
Acq: 25 Nov 2019 20:08

Tgt Ion: 78 Resp: 59920



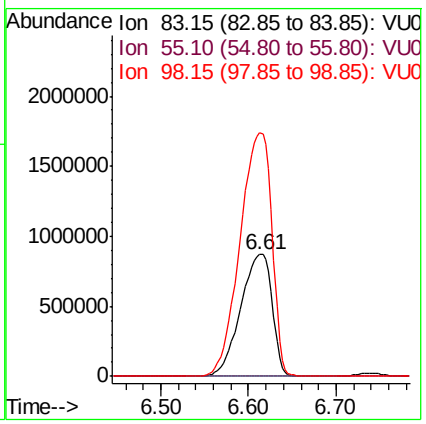


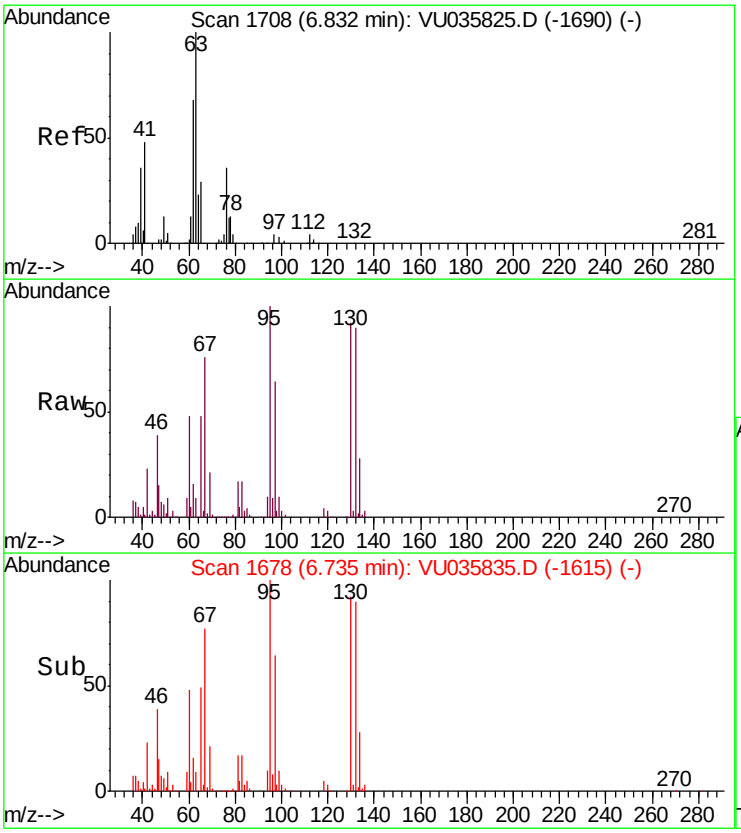
#35
Methylcyclohexane
Concen: 50.479 ug/L
RT: 6.61 min Scan# 1640
Delta R.T. -0.19 min
Lab File: VU035835.D
Acq: 25 Nov 2019 20:08

Instrument :
MSVOA_U
ClientSampleId :
GARE7

Tgt Ion: 83 Resp: 2180969

Ion	Ratio	Lower	Upper
83	100		
55	0.0	72.7	109.1#
98	202.0	36.2	54.4#

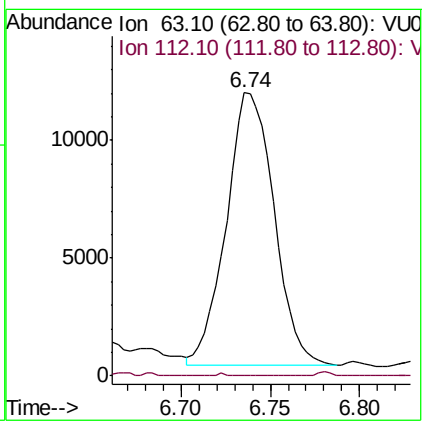


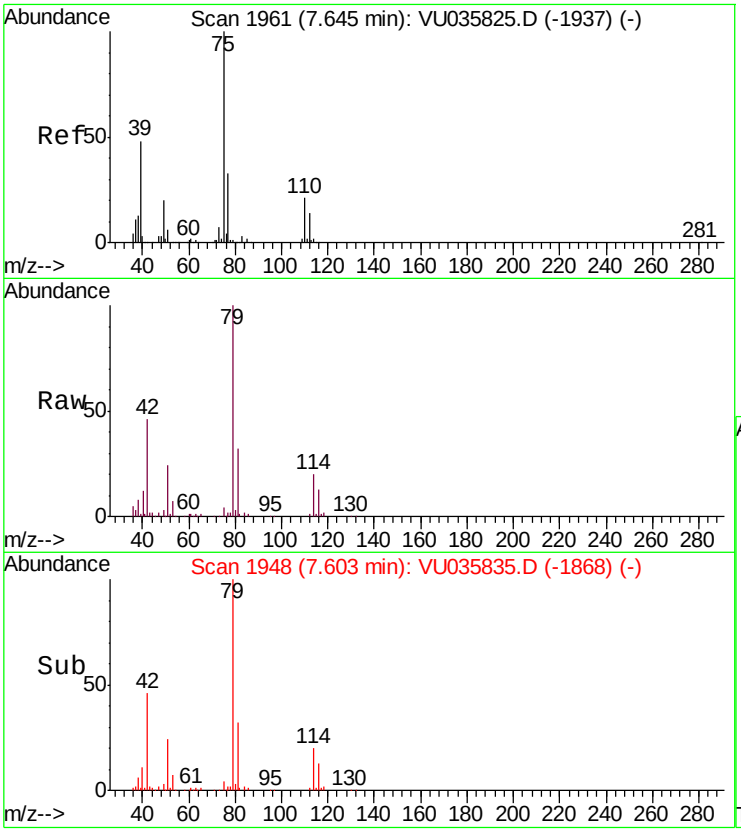


#37
1,2-Dichloropropane
Concen: 0.635 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.10 min
Lab File: VU035835.D
Acq: 25 Nov 2019 20:08

Tgt Ion: 63 Resp: 21642

Ion	Ratio	Lower	Upper
63	100		
112	0.4	2.7	4.1#



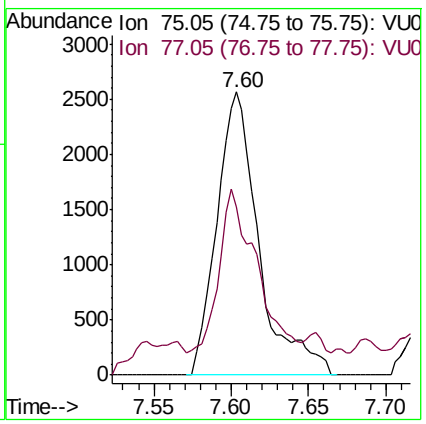


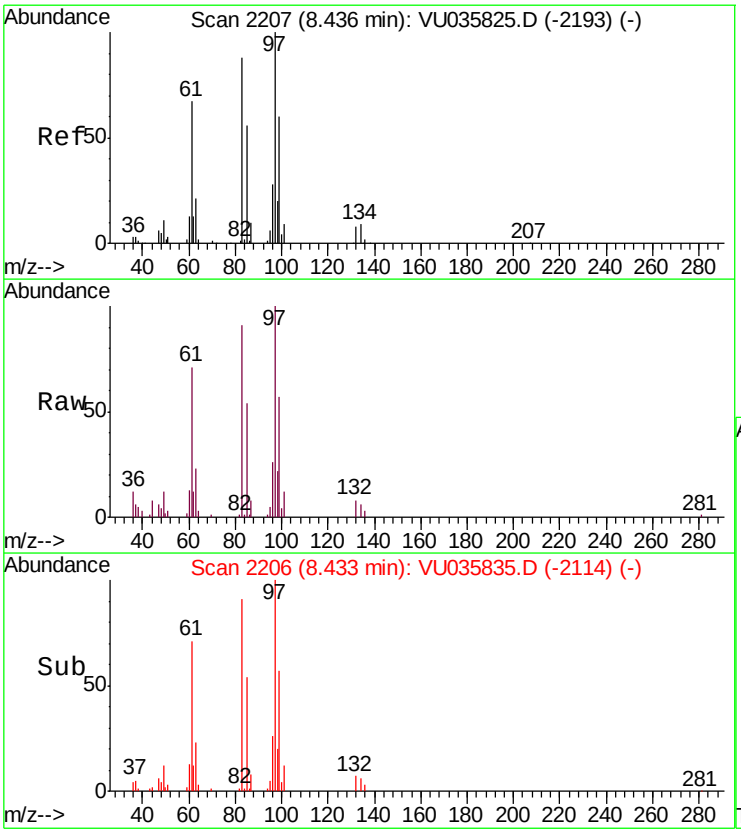
#39
cis-1,3-Dichloropropene
Concen: 0.110 ug/L
RT: 7.60 min Scan# 1948
Delta R.T. -0.04 min
Lab File: VU035835.D
Acq: 25 Nov 2019 20:08

Instrument : MSVOA_U
ClientSampleId : GARE7

Tgt Ion: 75 Resp: 4840

Ion	Ratio	Lower	Upper
75	100		
77	59.5	22.1	41.1#

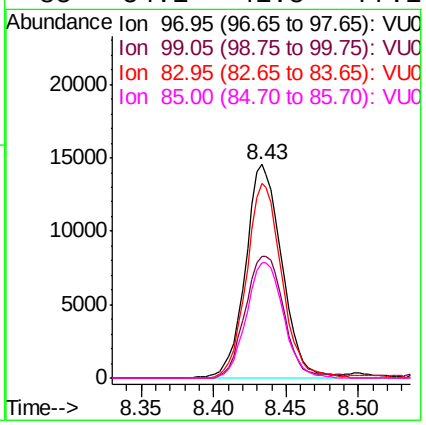


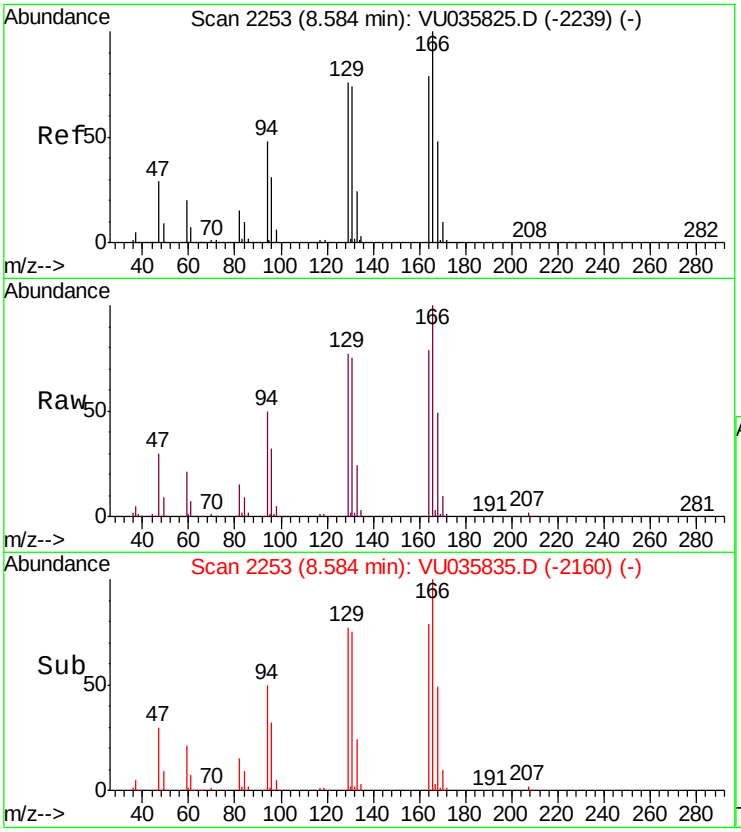


#45
1,1,2-Trichloroethane
Concen: 1.144 ug/L
RT: 8.43 min Scan# 2206
Delta R.T. -0.00 min
Lab File: VU035835.D
Acq: 25 Nov 2019 20:08

Tgt Ion: 97 Resp: 25382

Ion	Ratio	Lower	Upper
97	100		
99	57.1	44.2	82.0
83	91.1	62.2	115.6
85	54.1	41.5	77.1



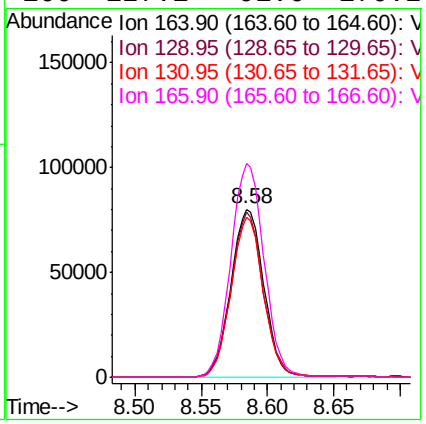


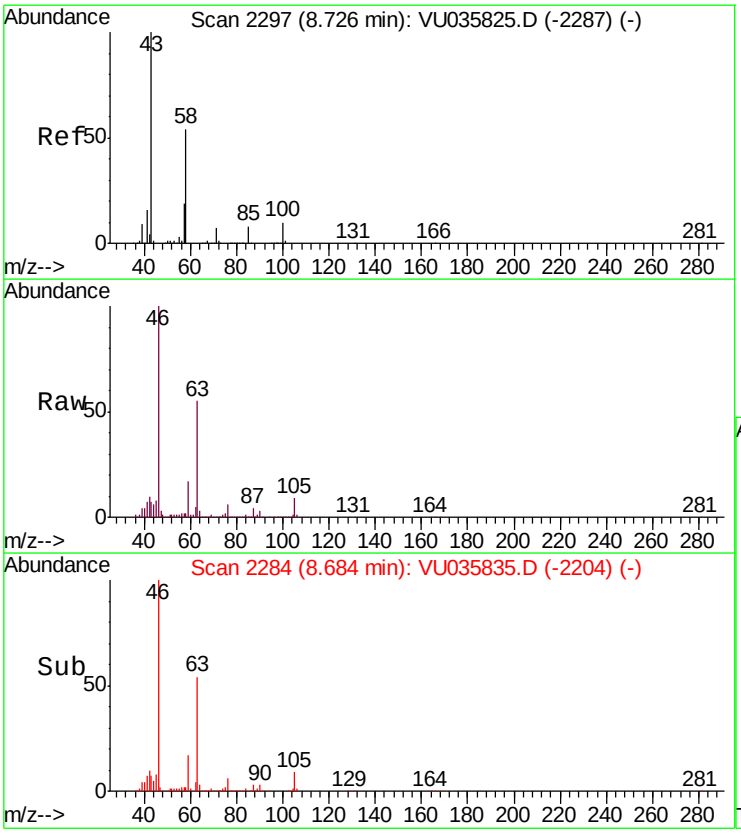
#47
Tetrachloroethene
Concen: 6.202 ug/L
RT: 8.58 min Scan# 2253
Delta R.T. -0.00 min
Lab File: VU035835.D
Acq: 25 Nov 2019 20:08

Instrument :
MSVOA_U
ClientSampleId :
GARE7

Tgt Ion:164 Resp: 138935

Ion	Ratio	Lower	Upper
164	100		
129	98.0	68.8	127.8
131	95.6	67.3	124.9
166	127.1	91.6	170.2

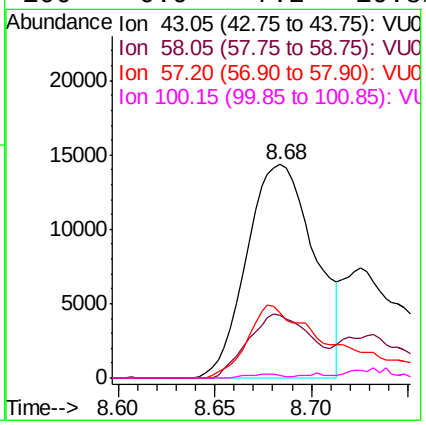


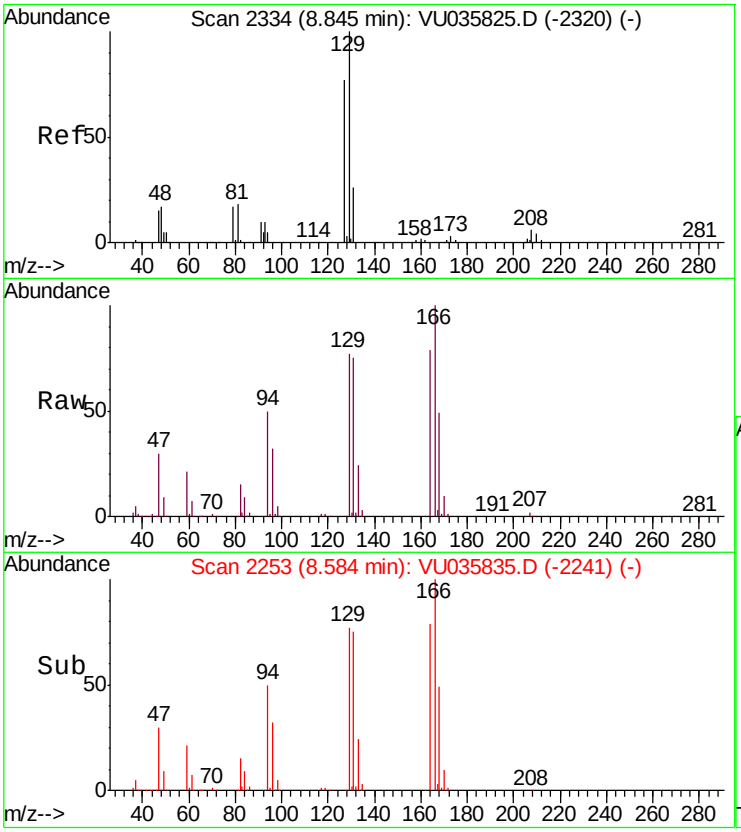


#48
2-Hexanone
Concen: 2.281 ug/L
RT: 8.68 min Scan# 2284
Delta R.T. -0.04 min
Lab File: VU035835.D
Acq: 25 Nov 2019 20:08

Tgt Ion: 43 Resp: 35114

Ion	Ratio	Lower	Upper
43	100		
58	28.0	39.8	59.8#
57	44.3	14.0	21.0#
100	0.9	7.2	10.8#



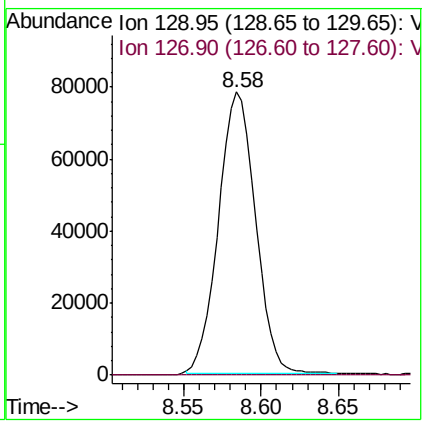


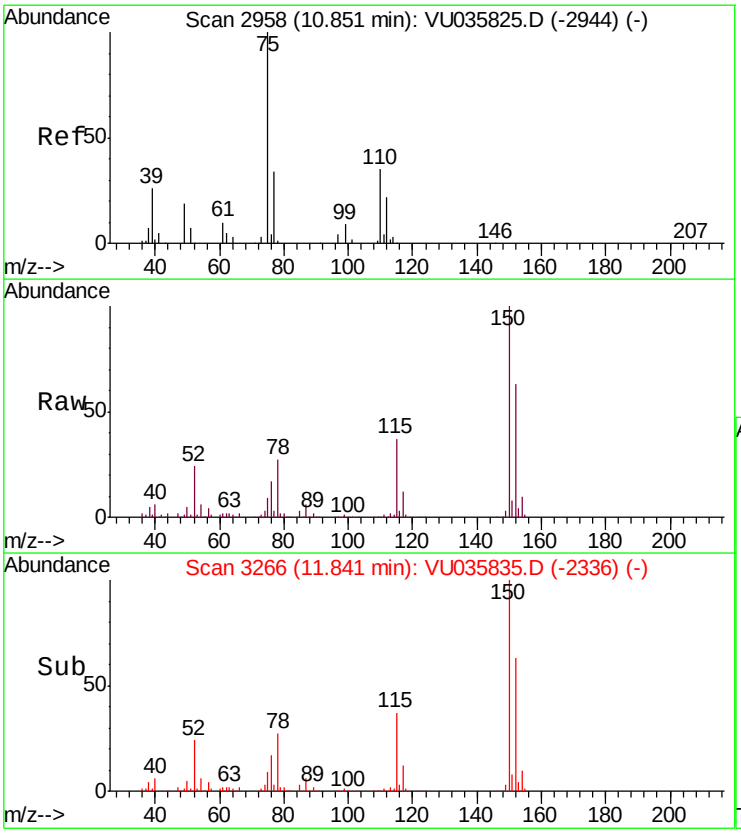
#49
Dibromochloromethane
Concen: 4.944 ug/L
RT: 8.58 min Scan# 2253
Delta R.T. -0.26 min
Lab File: VU035835.D
Acq: 25 Nov 2019 20:08

Instrument :
MSVOA_U
ClientSampleId :
GARE7

Tgt Ion:129 Resp: 129424

Ion	Ratio	Lower	Upper
129	100		
127	0.3	53.1	98.5#

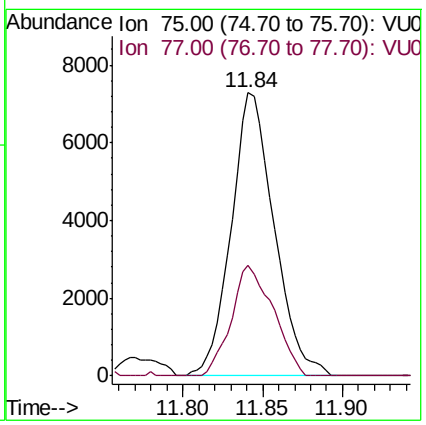


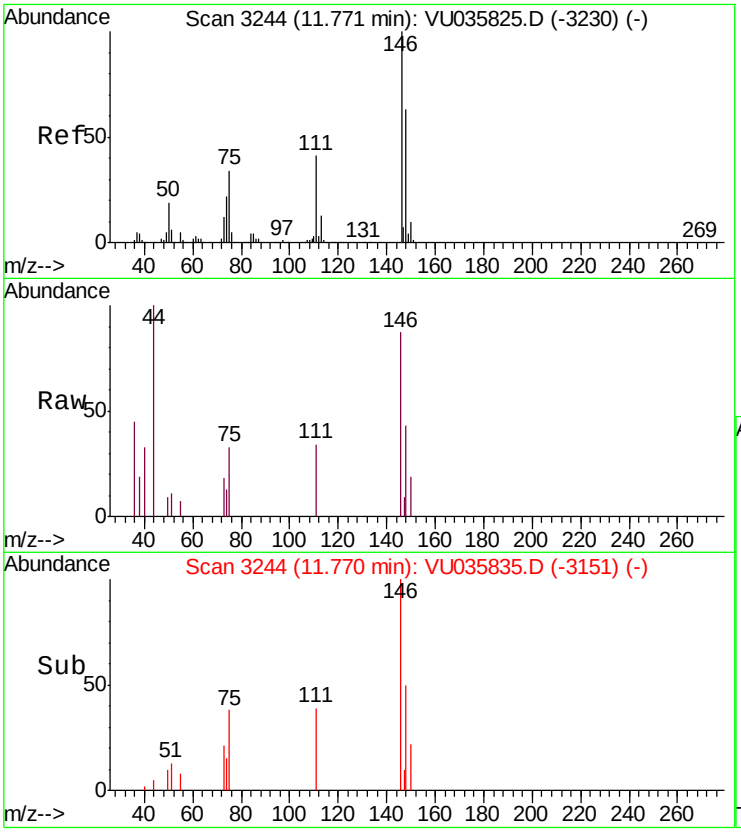


#59
1,2,3-Trichloropropane
Concen: 0.602 ug/L
RT: 11.84 min Scan# 3266
Delta R.T. 0.99 min
Lab File: VU035835.D
Acq: 25 Nov 2019 20:08

Tgt Ion: 75 Resp: 13332

Ion	Ratio	Lower	Upper
75	100		
77	38.1	25.4	38.2



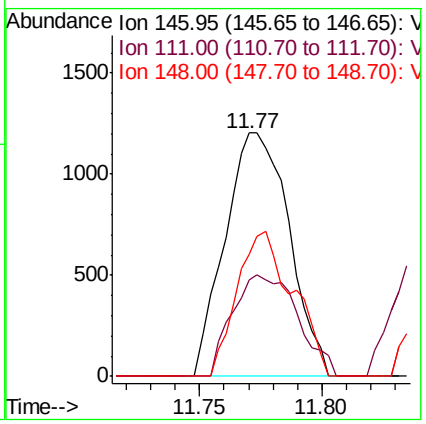


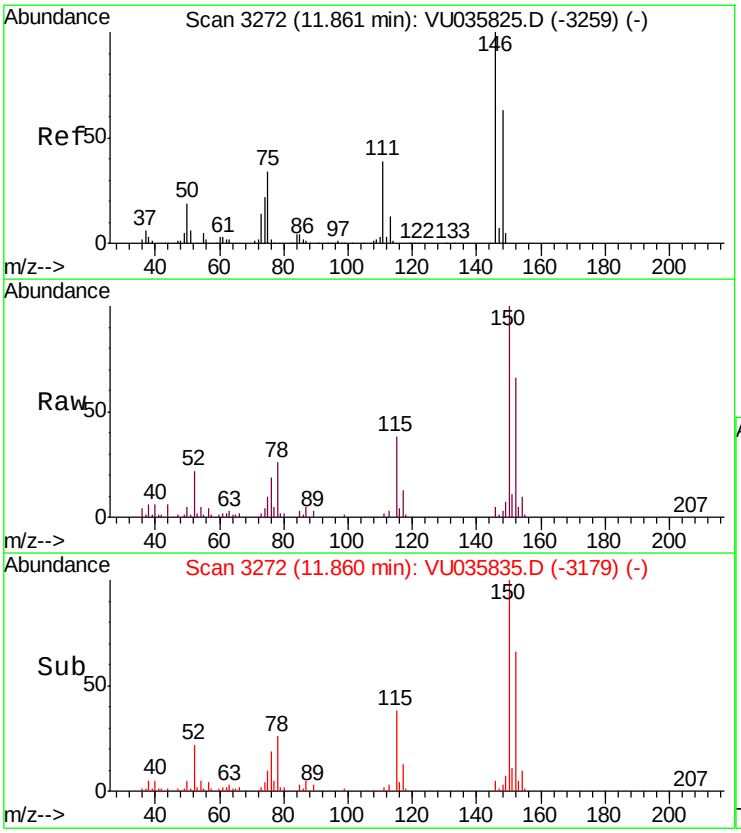
#62
1,3-Dichlorobenzene
Concen: 0.065 ug/L
RT: 11.77 min Scan# 3244
Delta R.T. -0.00 min
Lab File: VU035835.D
Acq: 25 Nov 2019 20:08

Instrument :
MSVOA_U
ClientSampleId :
GARE7

Tgt Ion:146 Resp: 2194

Ion	Ratio	Lower	Upper
146	100		
111	39.4	29.5	54.7
148	49.9	44.1	81.9

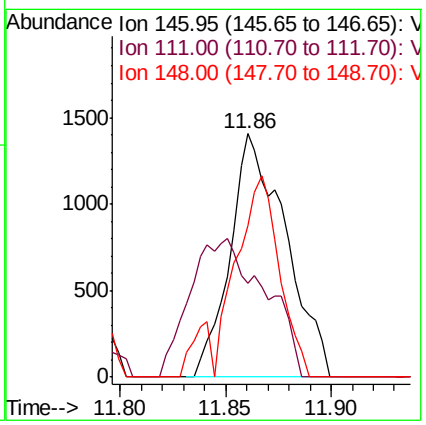


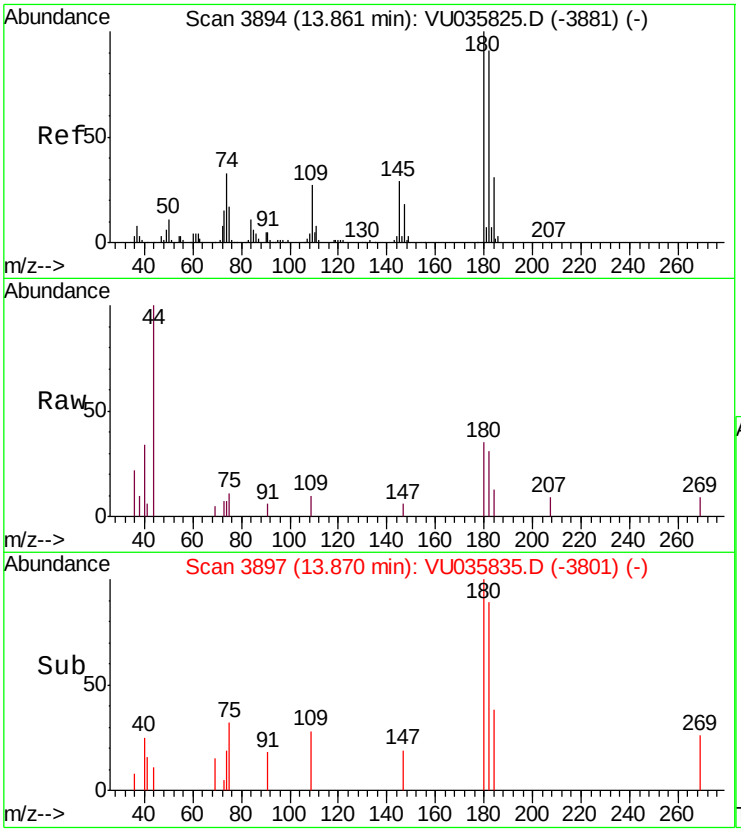


#63
1,4-Dichlorobenzene
Concen: 0.078 ug/L
RT: 11.86 min Scan# 3272
Delta R.T. -0.00 min
Lab File: VU035835.D
Acq: 25 Nov 2019 20:08

Tgt Ion:146 Resp: 2573

Ion	Ratio	Lower	Upper
146	100		
111	38.7	27.9	51.7
148	62.0	44.2	82.2



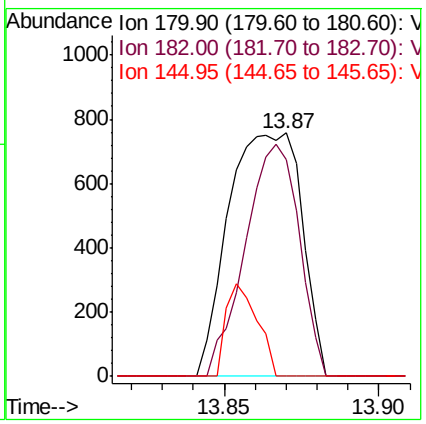


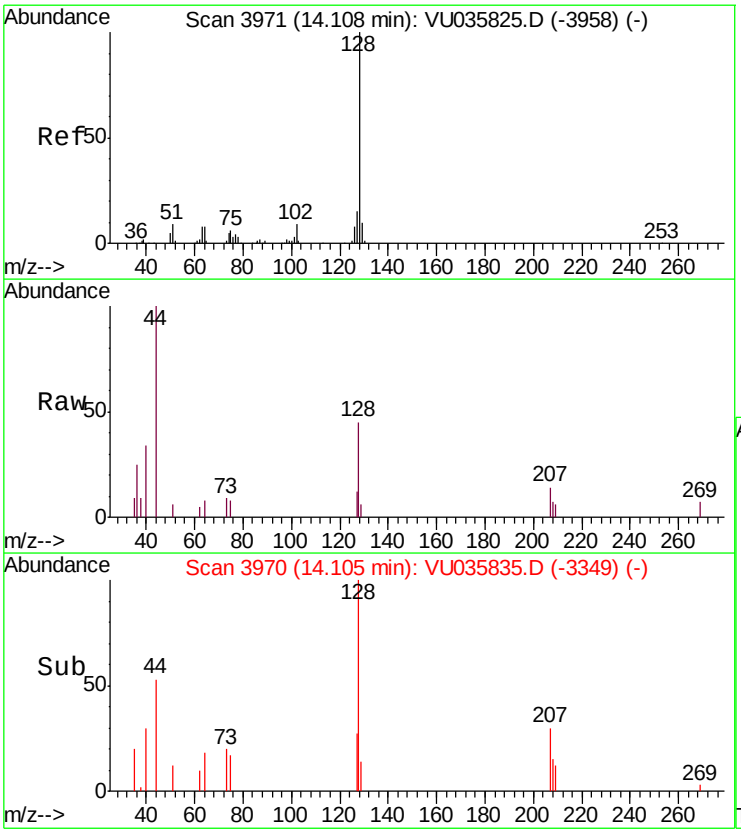
#68
1,2,4-trichlorobenzene
Concen: 0.107 ug/L
RT: 13.87 min Scan# 3897
Delta R.T. 0.01 min
Lab File: VU035835.D
Acq: 25 Nov 2019 20:08

Instrument :
MSVOA_U
ClientSampleId :
GARE7

Tgt Ion:180 Resp: 1247

Ion	Ratio	Lower	Upper
180	100		
182	70.4	75.1	112.7#
145	16.2	24.0	36.0#





#69
Naphthalene
Concen: 0.114 ug/L
RT: 14.10 min Scan# 3970
Delta R.T. -0.00 min
Lab File: VU035835.D
Acq: 25 Nov 2019 20:08

Tgt Ion:128 Resp: 1872

Ion	Ratio	Lower	Upper
128	100		
129	5.5	9.0	13.4#
127	12.0	11.8	17.6