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

Quantitation Report (Not Reviewed)

Data File : VU035841.D
Acq On : 25 Nov 2019 22:34
Operator : JC/SP
Sample : K5992-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GARF3

Quant Time: Nov 26 01:09:16 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	220949	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	247666	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	76976	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.62	65	124280	4.31	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 86.20%			
7) Chloroethane-d5	1.94	69	123308	4.93	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 98.60%			
11) 1,1-Dichloroethene-d2	2.59	63	167856	3.13	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 62.60%			
20) 2-Butanone-d5	4.69	46	281966	42.21	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 84.42%			
24) Chloroform-d	5.11	84	239320	4.90	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.00%			
26) 1,2-Dichloroethane-d4	5.75	65	144559	5.27	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.40%			
32) Benzene-d6	5.77	84	471629	4.99	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.80%			
36) 1,2-Dichloropropane-d6	6.74	67	170090	5.34	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 106.80%			
41) Toluene-d8	7.93	98	379742	4.36	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.20%			
43) trans-1,3-Dichloropropene-	8.21	79	58540	4.72	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.40%			
46) 2-Hexanone-d5	8.68	63	300756	60.40	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 120.80%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	138672	5.17	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.40%			
64) 1,2-Dichlorobenzene-d4	12.22	152	99171	5.93	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 118.60%			
Target Compounds						Qvalue
3) Chloromethane	1.54	50	5891	0.160	ug/L #	82
5) Vinyl chloride	1.62	62	9761	0.265	ug/L #	1
8) Chloroethane	1.95	64	2374	0.111	ug/L #	55
12) 1,1-Dichloroethene	2.61	96	8445	0.367	ug/L #	1
13) Acetone	2.67	43	41579	7.088	ug/L	96
18) trans-1,2-Dichloroethene	3.39	96	4912	0.217	ug/L #	89
22) cis-1,2-Dichloroethene	4.72	96	414866	16.446	ug/L	96
25) Chloroform	5.14	83	16334	0.330	ug/L	88
34) Trichloroethene	6.58	95	9238076	364.469	ug/L	98
35) Methylcyclohexane	6.73	83	40076	1.077	ug/L #	13
37) 1,2-Dichloropropane	6.73	63	17236	0.588	ug/L #	90
42) Toluene	8.00	91	18440	0.171	ug/L	91
47) Tetrachloroethene	8.58	164	4788	0.248	ug/L	89
48) 2-Hexanone	8.69	43	44377	3.348	ug/L #	61
49) Dibromochloromethane	8.58	129	4476	0.199	ug/L #	12
53) m,p-Xylene	9.72	106	4599	0.117	ug/L	86
59) 1,2,3-Trichloropropane	11.84	75	10586	0.555	ug/L #	82

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

Quantitation Report (Not Reviewed)

Data File : VU035841.D
Acq On : 25 Nov 2019 22:34
Operator : JC/SP
Sample : K5992-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GARF3

Quant Time: Nov 26 01:09:16 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)

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

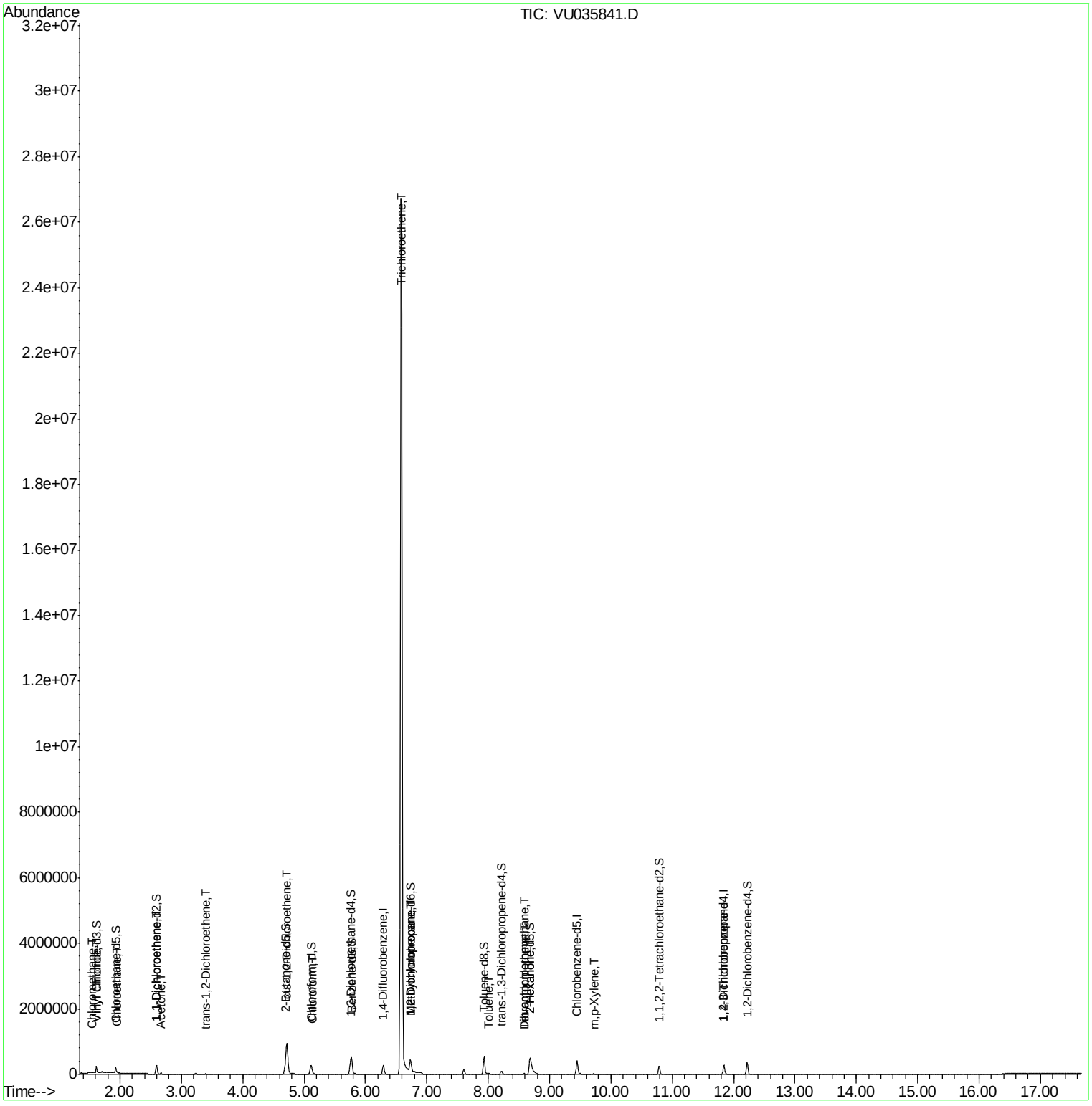
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112519\

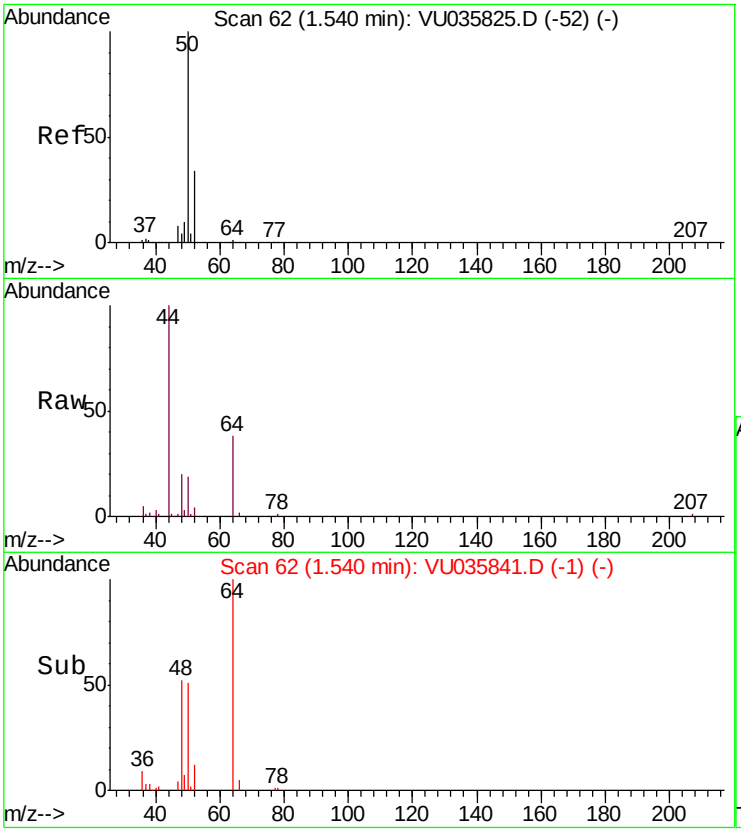
Quantitation Report (Not Reviewed)

Data File : VU035841.D
Acq On : 25 Nov 2019 22:34
Operator : JC/SP
Sample : K5992-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GARF3

Quant Time: Nov 26 01:09:16 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



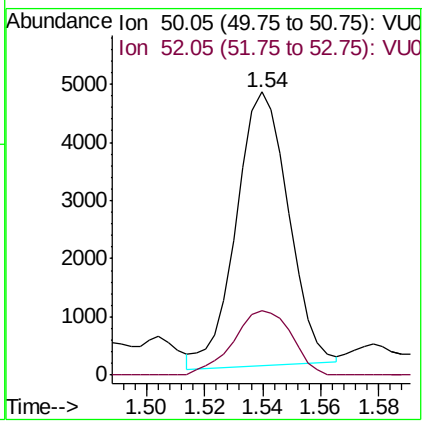


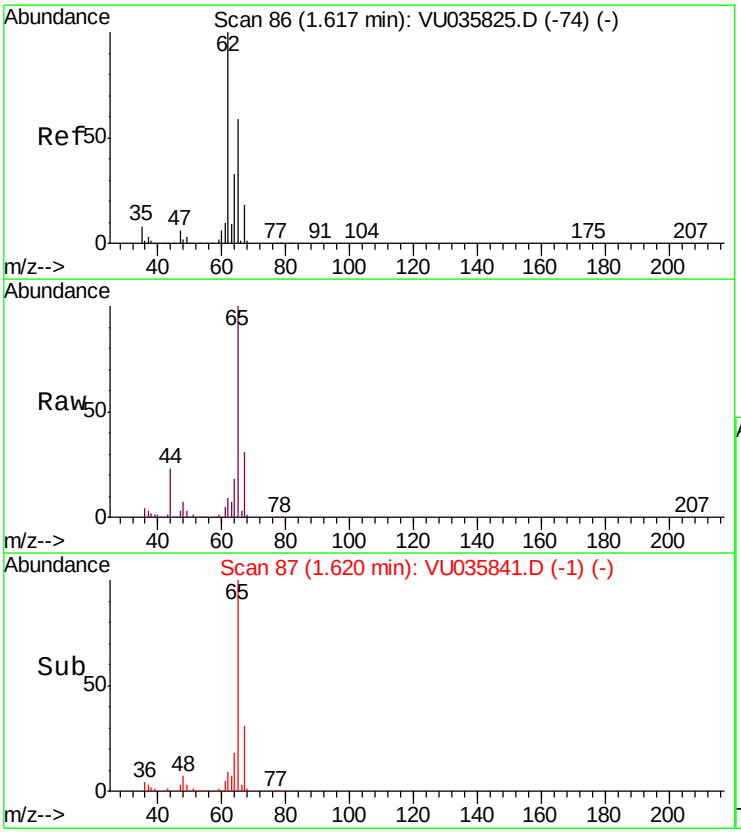
#3
Chloromethane
Concen: 0.160 ug/L
RT: 1.54 min Scan# 62
Delta R.T. 0.00 min
Lab File: VU035841.D
Acq: 25 Nov 2019 22:34

Instrument :
MSVOA_U
ClientSampleId :
GARF3

Tgt Ion: 50 Resp: 5891

Ion	Ratio	Lower	Upper
50	100		
52	22.6	22.7	42.3#

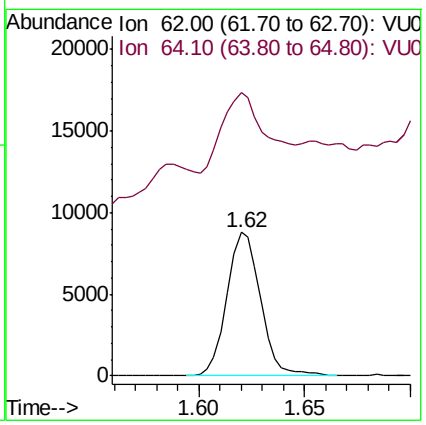


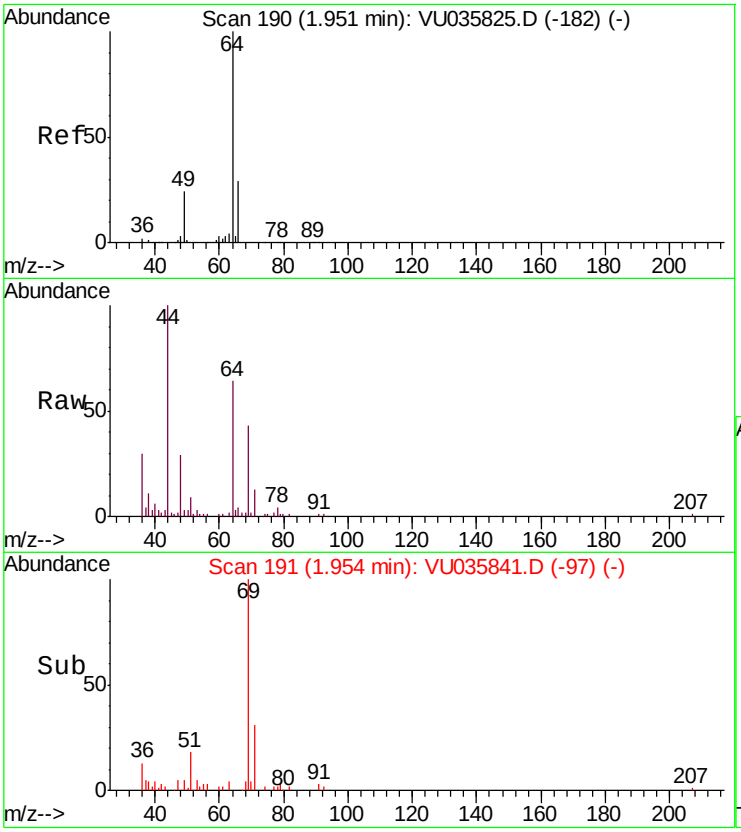


#5
Vinyl chloride
Concen: 0.265 ug/L
RT: 1.62 min Scan# 87
Delta R.T. 0.00 min
Lab File: VU035841.D
Acq: 25 Nov 2019 22:34

Tgt Ion: 62 Resp: 9761

Ion	Ratio	Lower	Upper
62	100		
64	197.2	22.5	41.9#



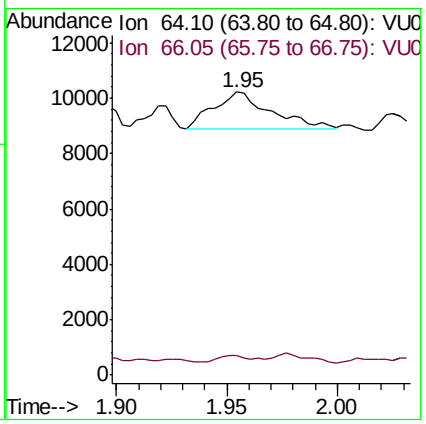


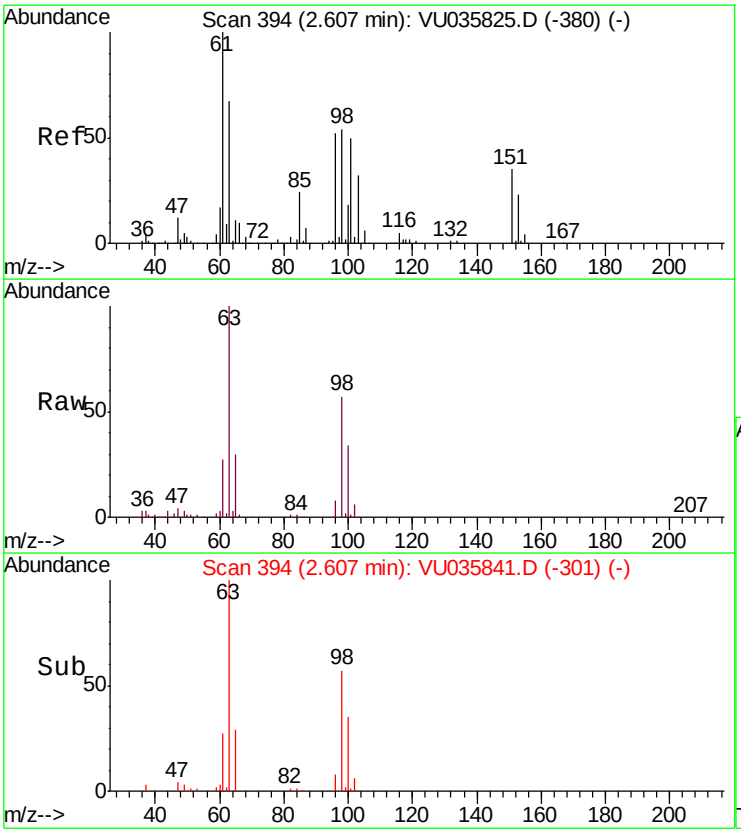
#8
Chloroethane
Concen: 0.111 ug/L
RT: 1.95 min Scan# 191
Delta R.T. 0.00 min
Lab File: VU035841.D
Acq: 25 Nov 2019 22:34

Instrument : MSVOA_U
ClientSampleId : GARF3

Tgt Ion: 64 Resp: 2374

Ion	Ratio	Lower	Upper
64	100		
66	6.8	22.3	41.5#

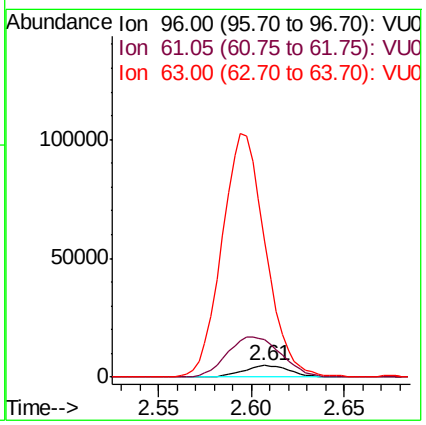


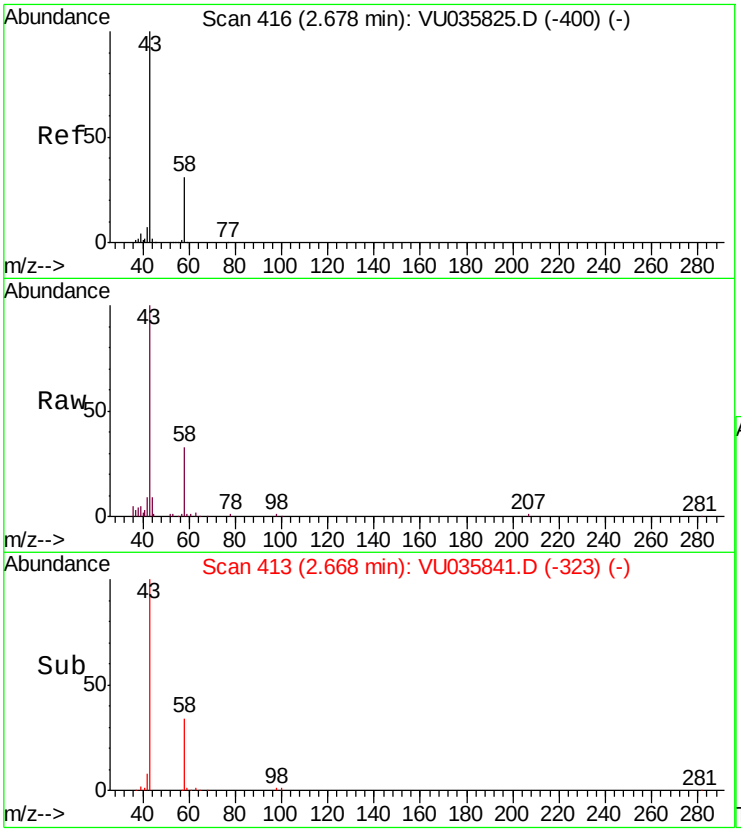


#12
1,1-Dichloroethene
Concen: 0.367 ug/L
RT: 2.61 min Scan# 394
Delta R.T. 0.00 min
Lab File: VU035841.D
Acq: 25 Nov 2019 22:34

Tgt Ion: 96 Resp: 8445

Ion	Ratio	Lower	Upper
96	100		
61	325.4	139.3	258.7#
63	1203.6	93.7	174.1#



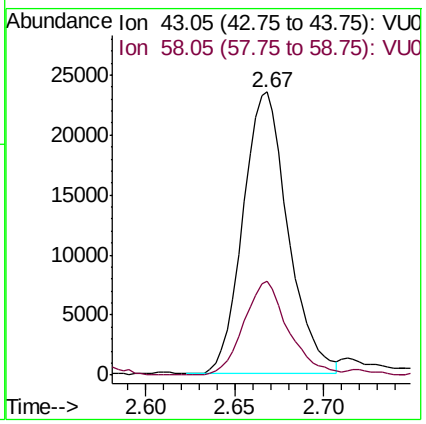


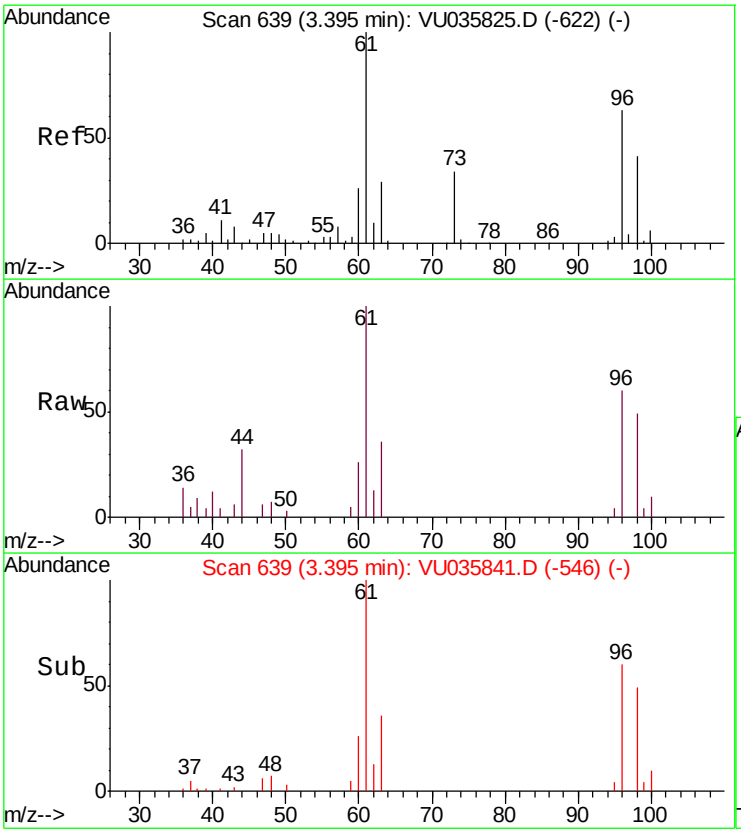
#13
Acetone
Concen: 7.088 ug/L
RT: 2.67 min Scan# 413
Delta R.T. -0.01 min
Lab File: VU035841.D
Acq: 25 Nov 2019 22:34

Instrument : MSVOA_U
ClientSampleId : GARF3

Tgt Ion: 43 Resp: 41579

Ion	Ratio	Lower	Upper
43	100		
58	32.9	0.0	61.2

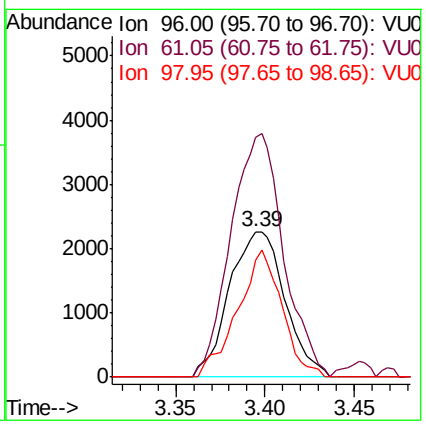


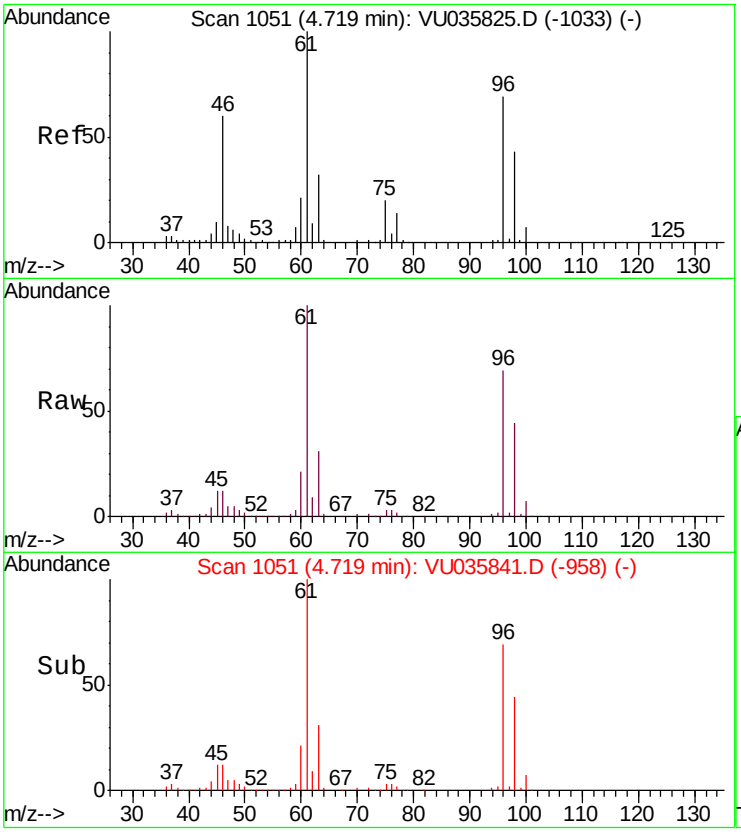


#18
trans-1,2-Dichloroethene
Concen: 0.217 ug/L
RT: 3.39 min Scan# 639
Delta R.T. 0.00 min
Lab File: VU035841.D
Acq: 25 Nov 2019 22:34

Tgt Ion: 96 Resp: 4912

Ion	Ratio	Lower	Upper
96	100		
61	165.7	111.1	206.3
98	80.9	43.1	80.1#



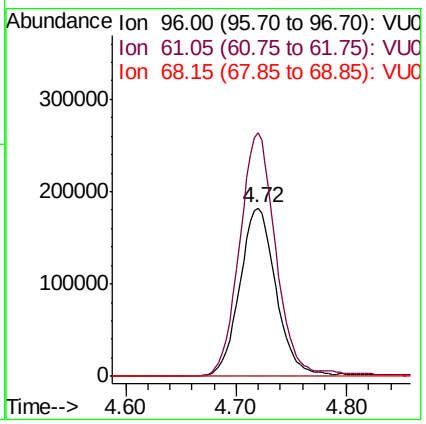


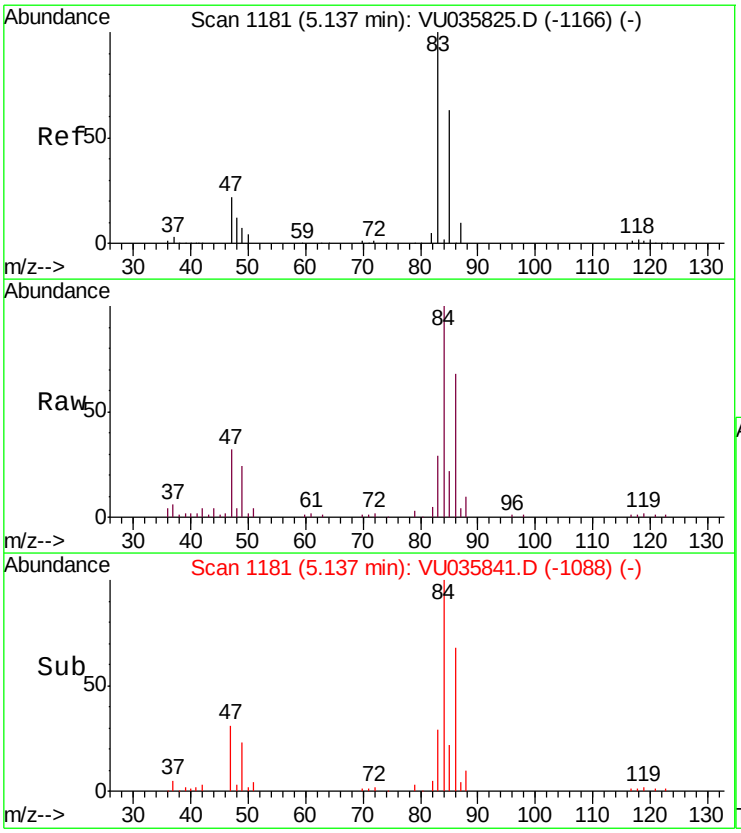
#22
cis-1,2-Dichloroethene
Concen: 16.446 ug/L
RT: 4.72 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VU035841.D
Acq: 25 Nov 2019 22:34

Instrument :
MSVOA_U
ClientSampleId :
GARF3

Tgt Ion: 96 Resp: 414866

Ion	Ratio	Lower	Upper
96	100		
61	144.8	98.1	182.1
68	0.0	0.0	0.0

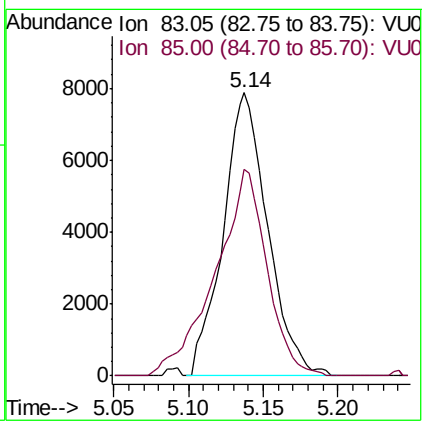


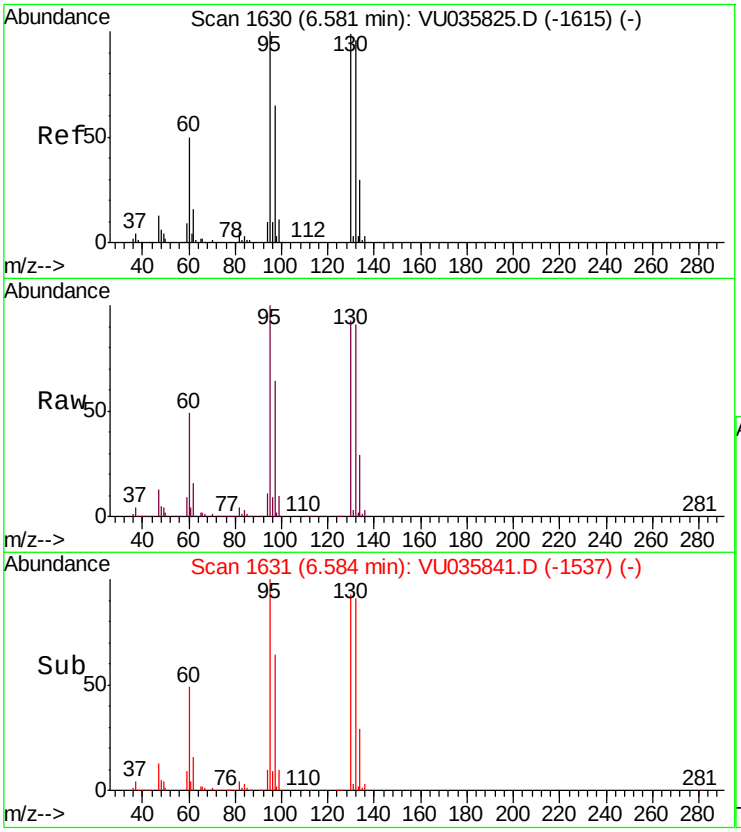


#25
Chloroform
Concen: 0.330 ug/L
RT: 5.14 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VU035841.D
Acq: 25 Nov 2019 22:34

Tgt Ion: 83 Resp: 16334

Ion	Ratio	Lower	Upper
83	100		
85	73.0	44.6	82.8



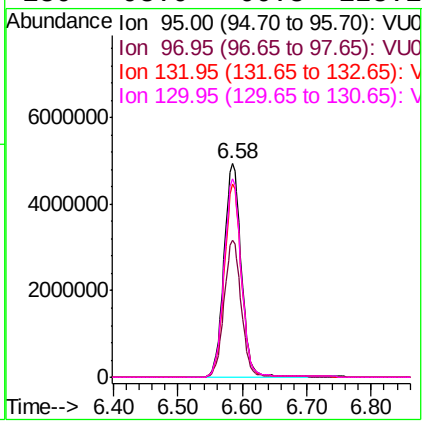


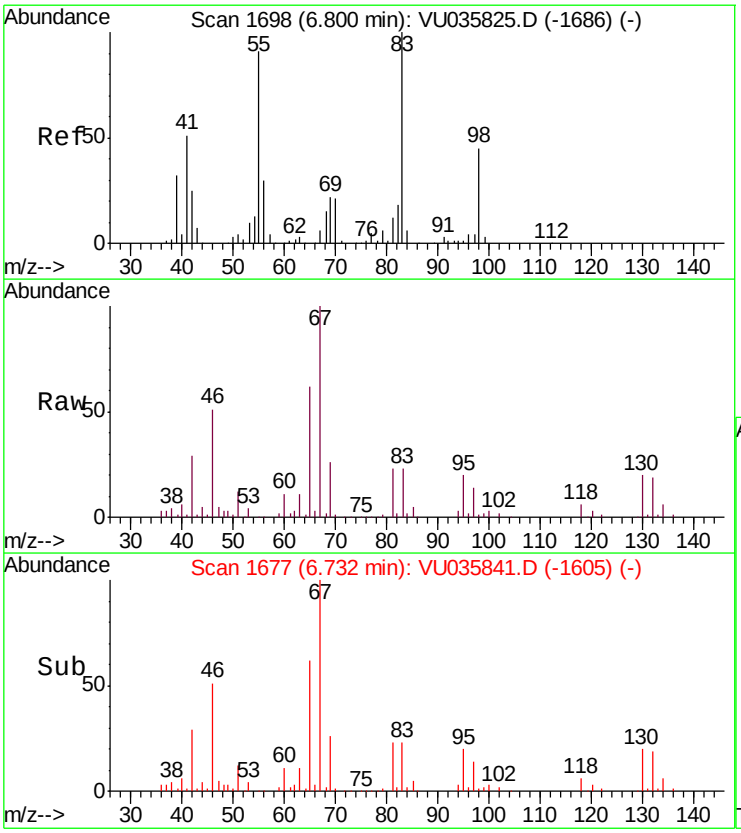
#34
Trichloroethene
Concen: 364.469 ug/L
RT: 6.58 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU035841.D
Acq: 25 Nov 2019 22:34

Instrument :
MSVOA_U
ClientSampleId :
GARF3

Tgt Ion: 95 Resp: 9238076

Ion	Ratio	Lower	Upper
95	100		
97	64.3	45.1	83.9
132	90.6	61.9	114.9
130	93.0	66.3	123.1

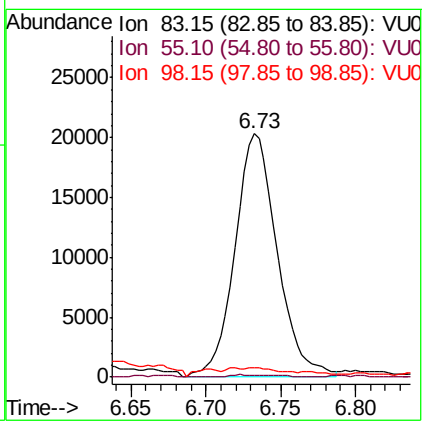


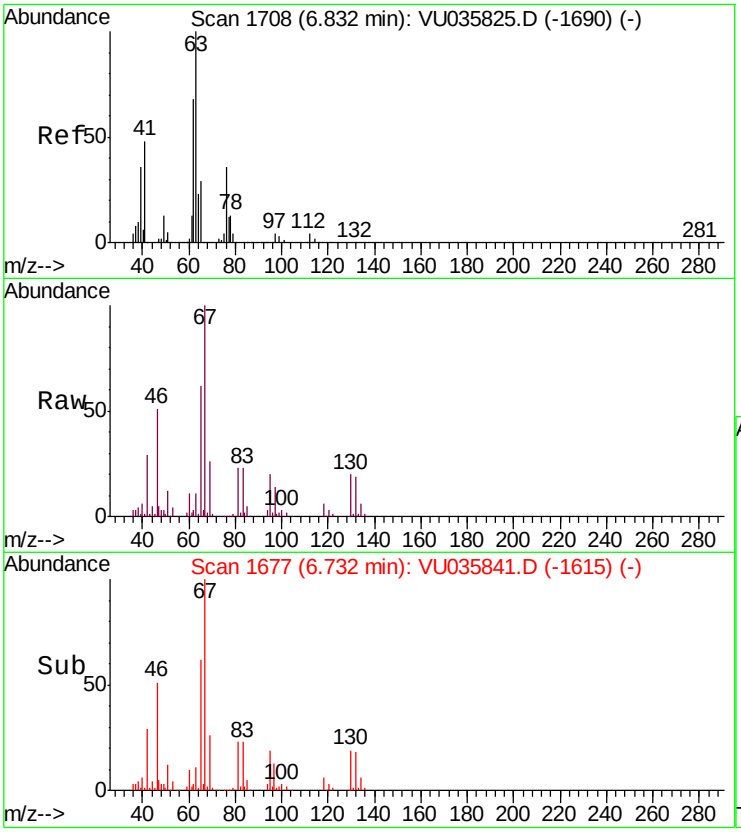


#35
Methylcyclohexane
Concen: 1.077 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU035841.D
Acq: 25 Nov 2019 22:34

Tgt Ion: 83 Resp: 40076

Ion	Ratio	Lower	Upper
83	100		
55	0.5	72.7	109.1#
98	0.0	36.2	54.4#



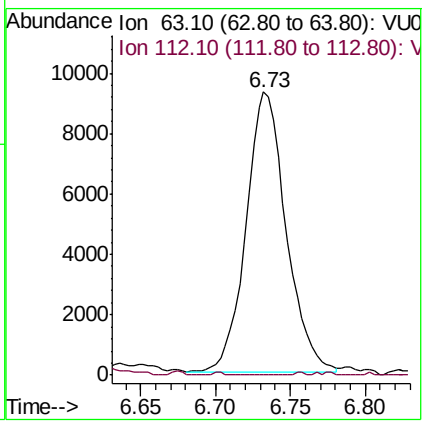


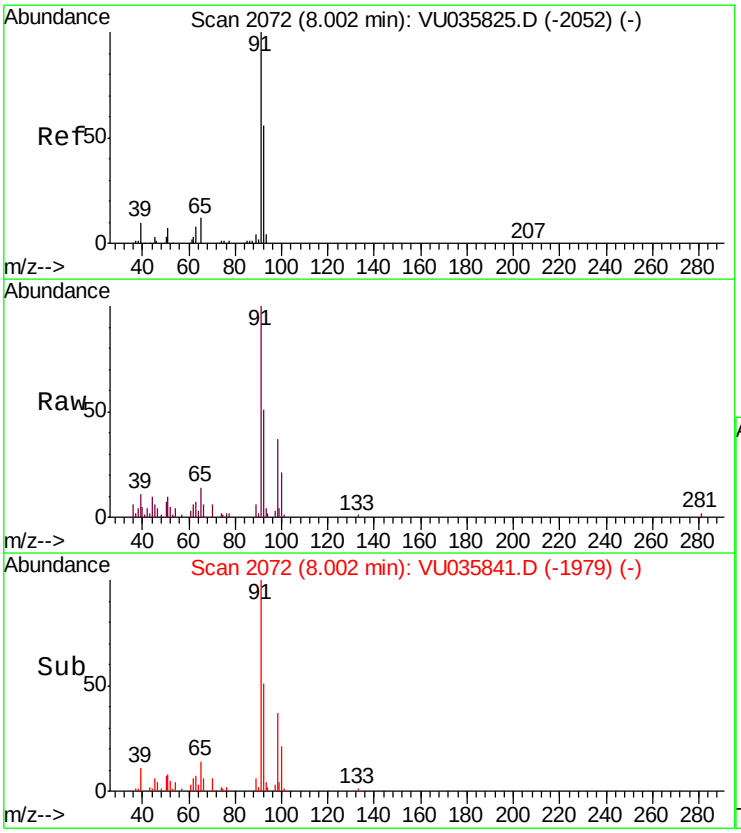
#37
1,2-Dichloropropane
Concen: 0.588 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.10 min
Lab File: VU035841.D
Acq: 25 Nov 2019 22:34

Instrument :
MSVOA_U
ClientSampleId :
GARF3

Tgt Ion: 63 Resp: 17236

Ion	Ratio	Lower	Upper
63	100		
112	0.3	2.7	4.1#

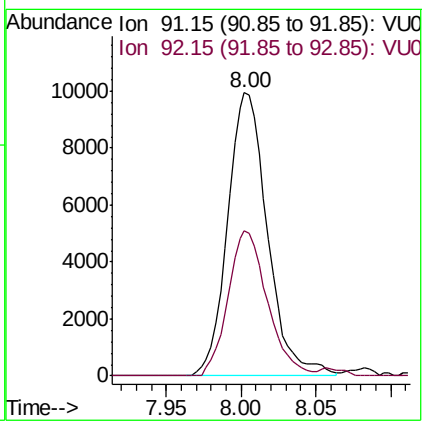


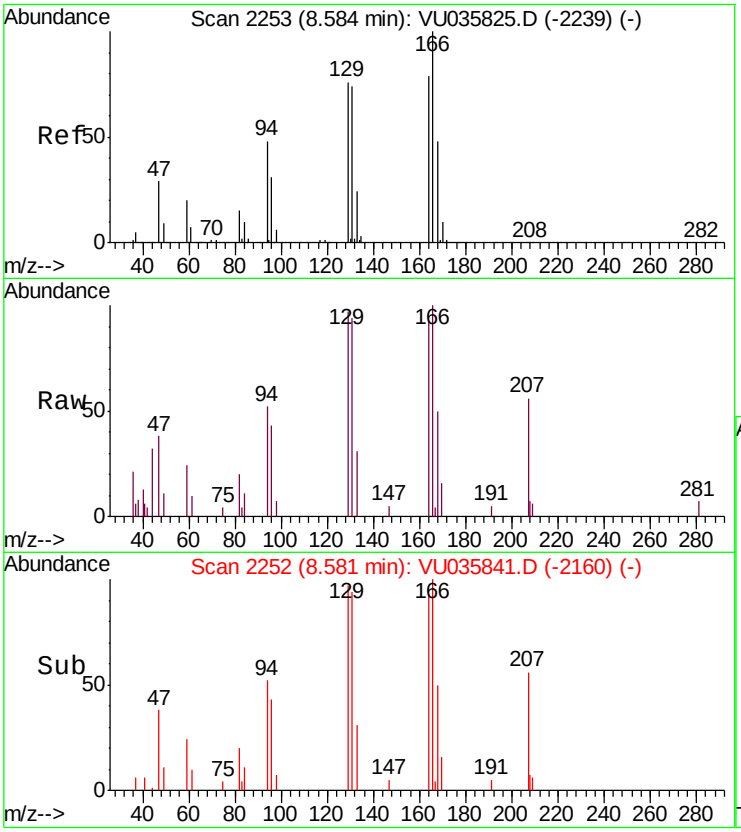


#42
Toluene
Concen: 0.171 ug/L
RT: 8.00 min Scan# 2072
Delta R.T. 0.00 min
Lab File: VU035841.D
Acq: 25 Nov 2019 22:34

Tgt Ion: 91 Resp: 18440

Ion	Ratio	Lower	Upper
91	100		
92	51.3	40.4	75.0



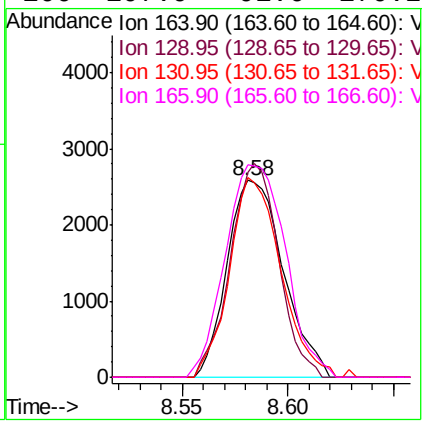


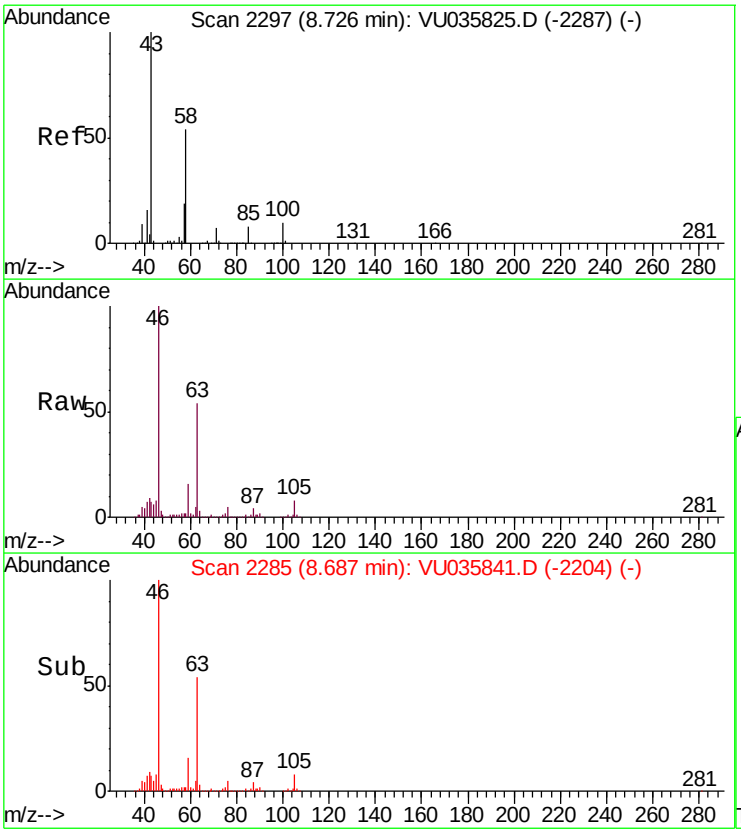
#47
Tetrachloroethene
Concen: 0.248 ug/L
RT: 8.58 min Scan# 2252
Delta R.T. -0.00 min
Lab File: VU035841.D
Acq: 25 Nov 2019 22:34

Instrument : MSVOA_U
ClientSampleId : GARF3

Tgt Ion:164 Resp: 4788

Ion	Ratio	Lower	Upper
164	100		
129	104.3	68.8	127.8
131	101.2	67.3	124.9
166	107.9	91.6	170.2

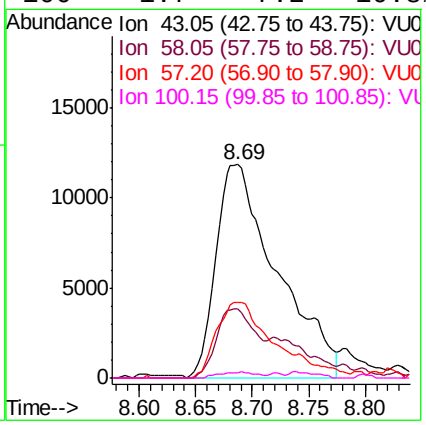


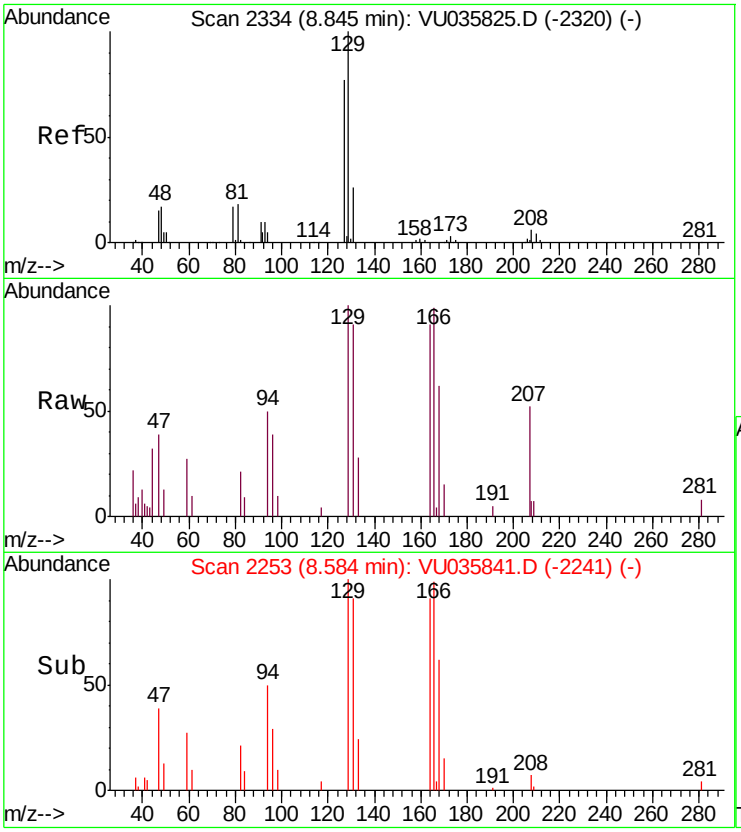


#48
2-Hexanone
Concen: 3.348 ug/L
RT: 8.69 min Scan# 2285
Delta R.T. -0.04 min
Lab File: VU035841.D
Acq: 25 Nov 2019 22:34

Tgt Ion: 43 Resp: 44377

Ion	Ratio	Lower	Upper
43	100		
58	20.2	39.8	59.8#
57	34.2	14.0	21.0#
100	1.7	7.2	10.8#



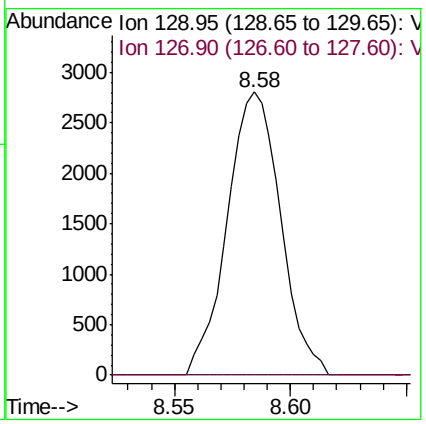


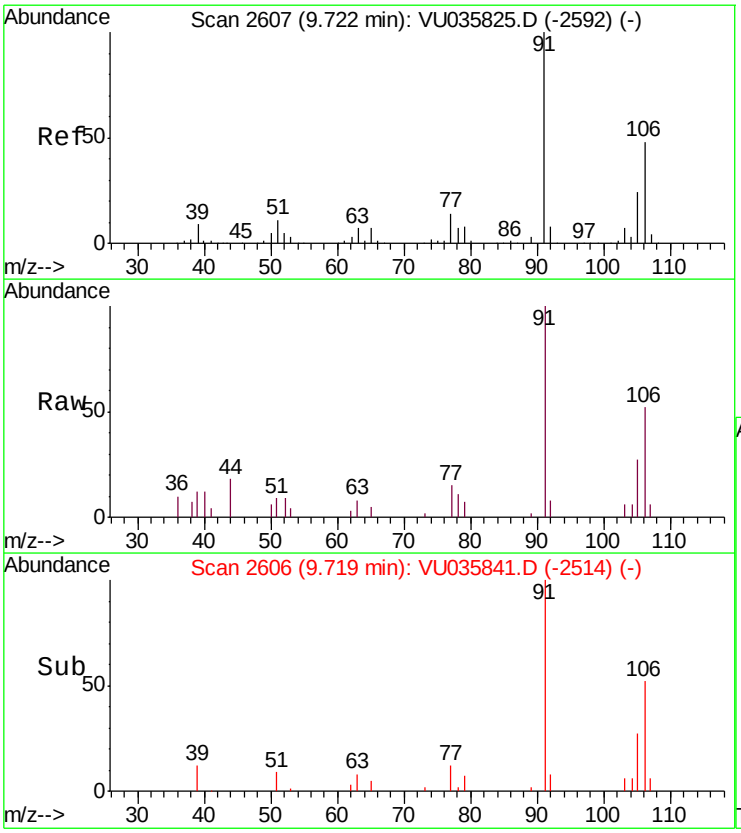
#49
Dibromochloromethane
Concen: 0.199 ug/L
RT: 8.58 min Scan# 2253
Delta R.T. -0.26 min
Lab File: VU035841.D
Acq: 25 Nov 2019 22:34

Instrument : MSVOA_U
ClientSampleId : GARF3

Tgt Ion:129 Resp: 4476

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.1	98.5#

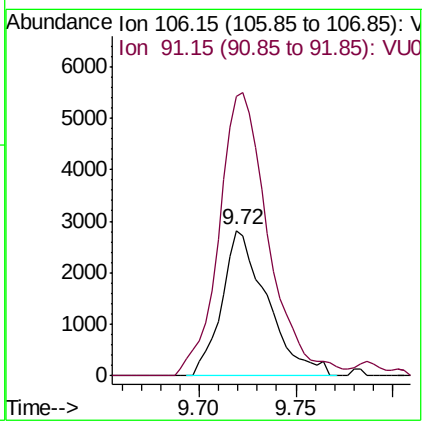


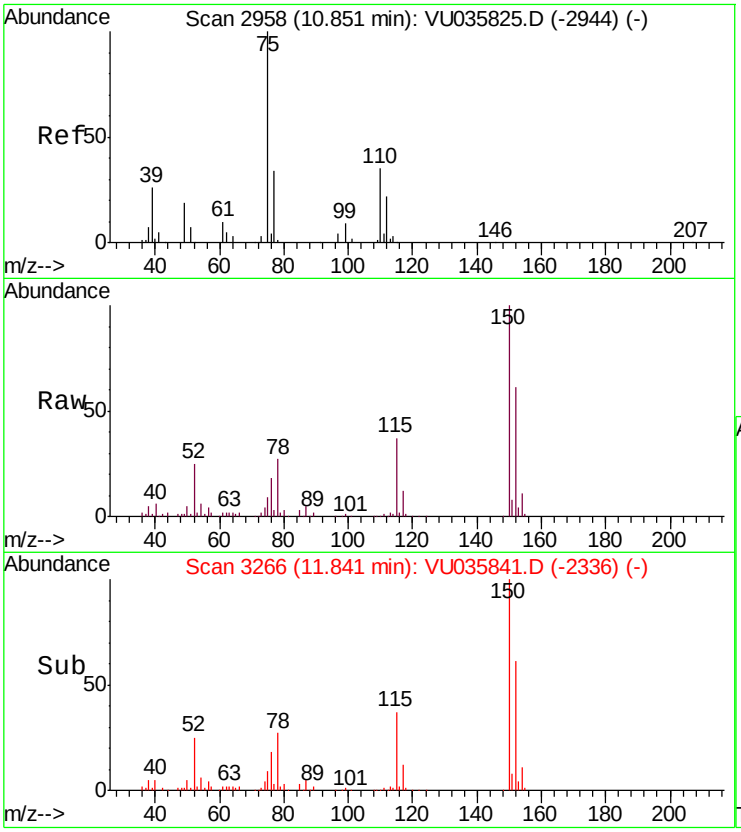


#53
m,p-Xylene
Concen: 0.117 ug/L
RT: 9.72 min Scan# 2606
Delta R.T. -0.00 min
Lab File: VU035841.D
Acq: 25 Nov 2019 22:34

Tgt Ion:106 Resp: 4599

Ion	Ratio	Lower	Upper
106	100		
91	192.4	149.9	278.5





#59
1,2,3-Trichloropropane
Concen: 0.555 ug/L
RT: 11.84 min Scan# 3266
Delta R.T. 0.99 min
Lab File: VU035841.D
Acq: 25 Nov 2019 22:34

Instrument :
MSVOA_U
ClientSampleId :
GARF3

Tgt Ion: 75 Resp: 10586

Ion	Ratio	Lower	Upper
75	100		
77	41.8	25.4	38.2#