Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121219\
Data File : VU036187.D
Acq On : 13 Dec 2019 07:18
Operator : JC/MD
Sample : K6240-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFQX2

Quant Time: Dec 13 08:24:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 13 04:38:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	252573	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	271598	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	107327	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	101491	3.96	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 79.20%			
7) Chloroethane-d5	1.93	69	101614	4.52	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 90.40%			
11) 1,1-Dichloroethene-d2	2.59	63	106137	3.14	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 62.80%			
20) 2-Butanone-d5	4.69	46	221510	53.87	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 107.74%			
24) Chloroform-d	5.11	84	177073	4.76	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.20%			
26) 1,2-Dichloroethane-d4	5.75	65	93686	4.97	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.40%			
32) Benzene-d6	5.77	84	331004	4.56	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.20%			
36) 1,2-Dichloropropane-d6	6.73	67	107469	4.76	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.20%			
41) Toluene-d8	7.93	98	260177	3.88	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 77.60%			
43) trans-1,3-Dichloropropene-	8.21	79	33875	3.59	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 71.80%			
46) 2-Hexanone-d5	8.67	63	160707	46.29	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 92.58%			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	99233	4.92	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.40%			
64) 1,2-Dichlorobenzene-d4	12.21	152	106278	5.21	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 104.20%			
Target Compounds						Qvalue
5) Vinyl chloride	1.62	62	13881	0.411	ug/L #	81
8) Chloroethane	1.95	64	6266	0.302	ug/L	89
13) Acetone	2.67	43	42665	11.926	ug/L	100
15) Methyl Acetate	3.00	43	3747	0.491	ug/L	96
16) Methylene chloride	3.08	84	8526	0.320	ug/L	87
19) 1,1-Dichloroethane	3.92	63	37074	1.021	ug/L	100
21) 2-Butanone	4.78	43	5922	1.242	ug/L #	67
22) cis-1,2-Dichloroethene	4.72	96	23923	1.177	ug/L	89
29) 1,1,1-Trichloroethane	5.36	97	13853	0.416	ug/L	98
33) Benzene	5.82	78	39033	0.467	ug/L	100
42) Toluene	8.00	91	13562	0.153	ug/L	99
51) Chlorobenzene	9.47	112	61556	1.068	ug/L	99
53) m,p-Xylene	9.72	106	6082	0.180	ug/L	78
54) o-Xylene	10.13	106	4084	0.126	ug/L	77

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

Quantitation Report (QT/LSC Reviewed)

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Operator : JC/MD
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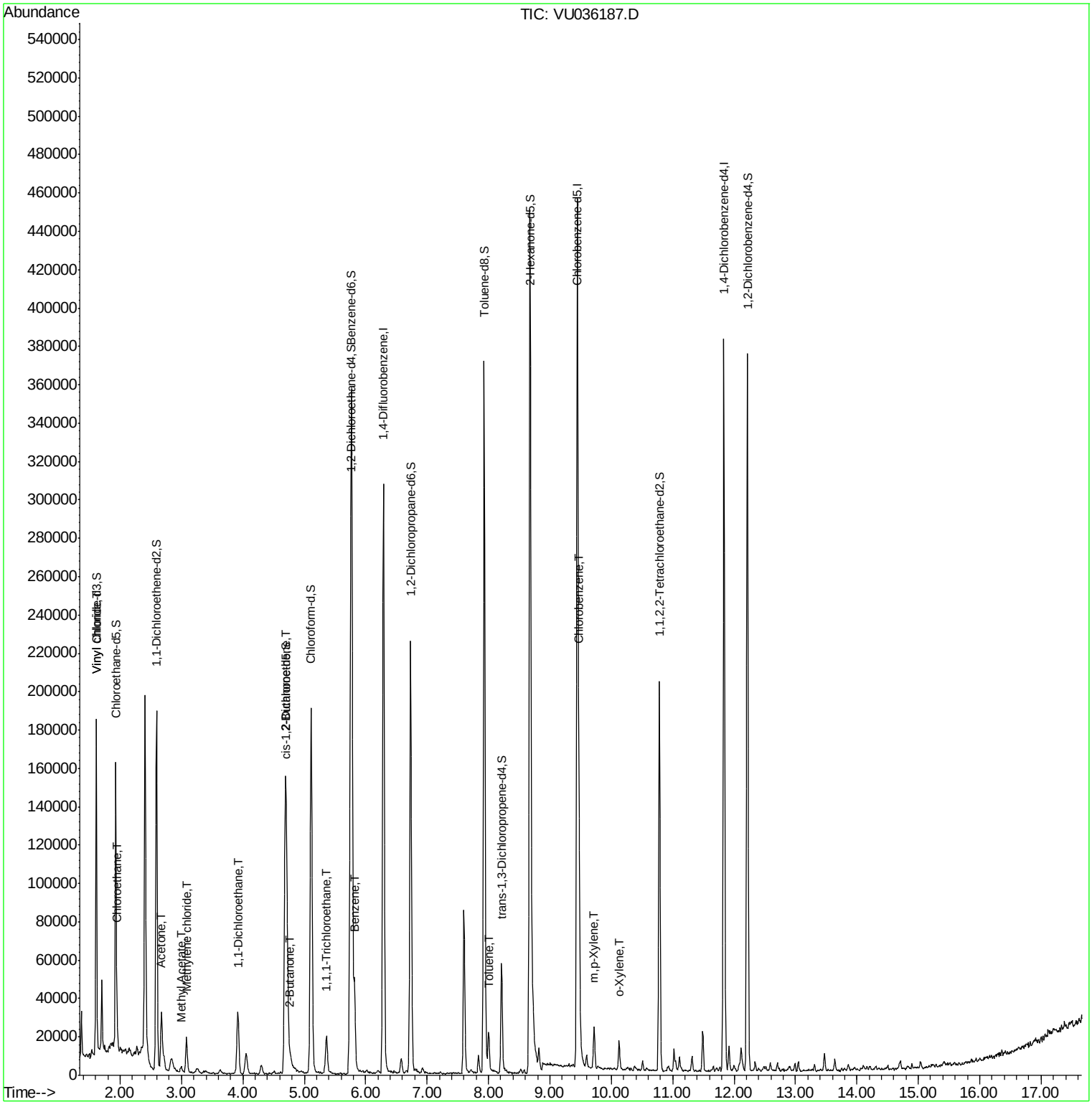
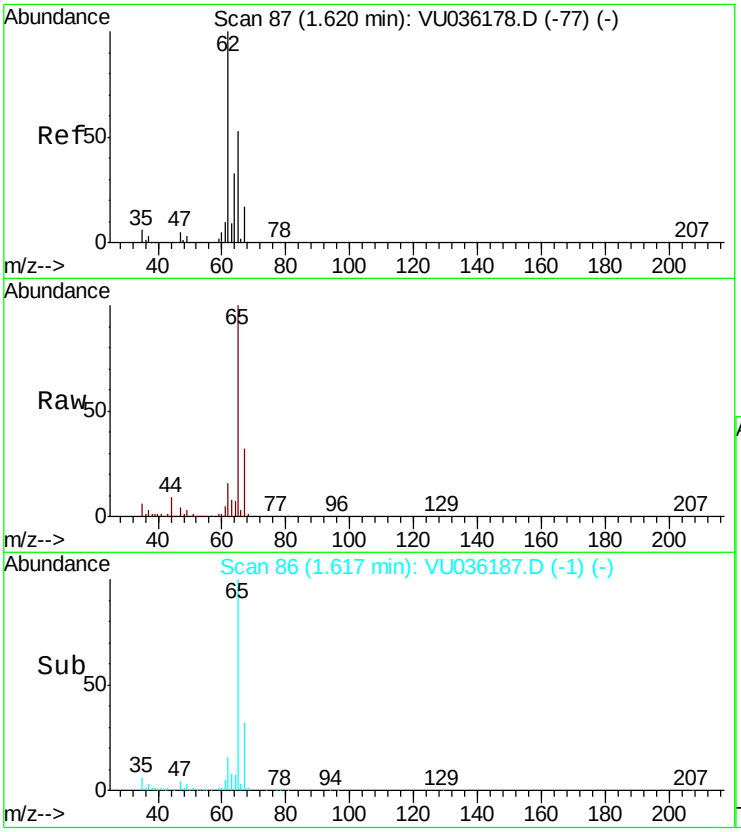
Instrument :
MSVOA_U
ClientSampleId :
BFQX2

Quant Time: Dec 13 08:24:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 13 04:38:02 2019
Response via : Initial Calibration



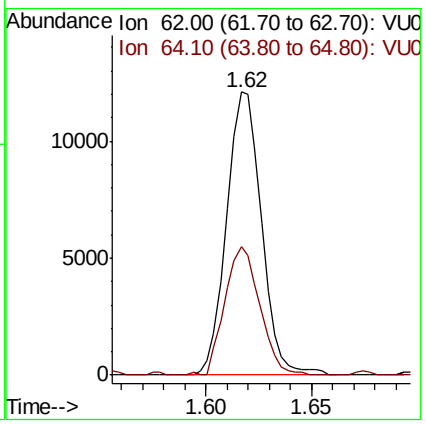


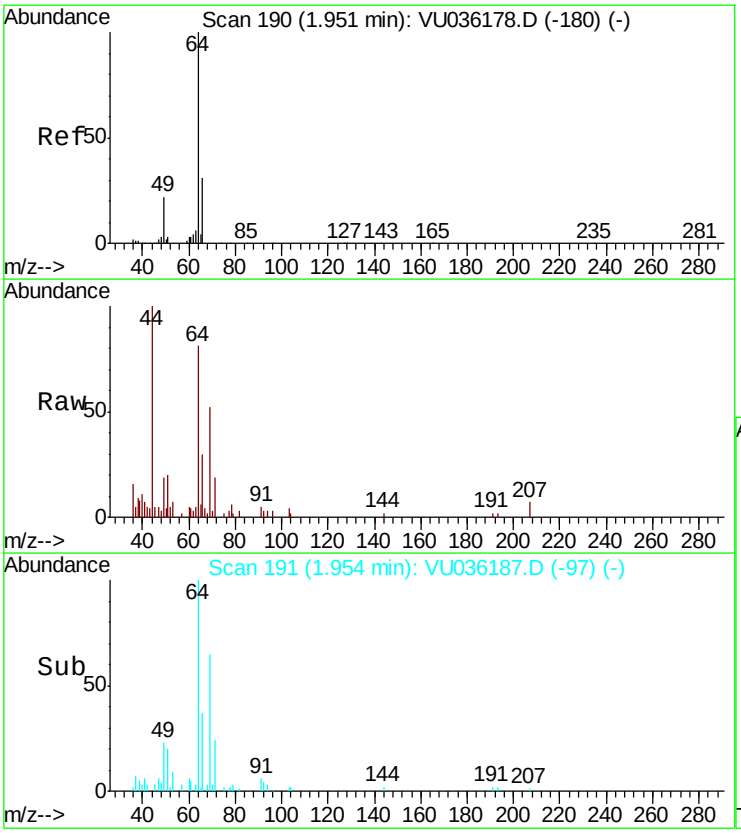
#5
Vinyl chloride
Concen: 0.411 ug/L
RT: 1.62 min Scan# 86
Delta R.T. -0.00 min
Lab File: VU036187.D
Acq: 13 Dec 2019 07:18

Instrument :
MSVOA_U
ClientSampleId :
BFQX2

Tgt Ion: 62 Resp: 13881

Ion	Ratio	Lower	Upper
62	100		
64	45.2	24.0	44.6#

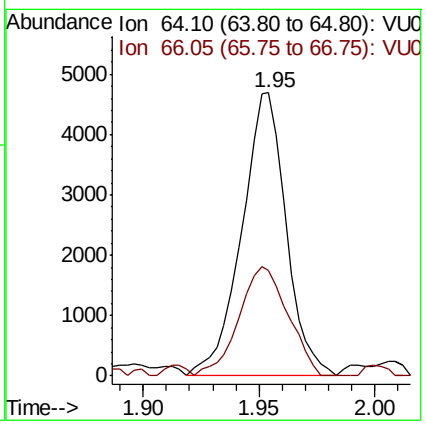


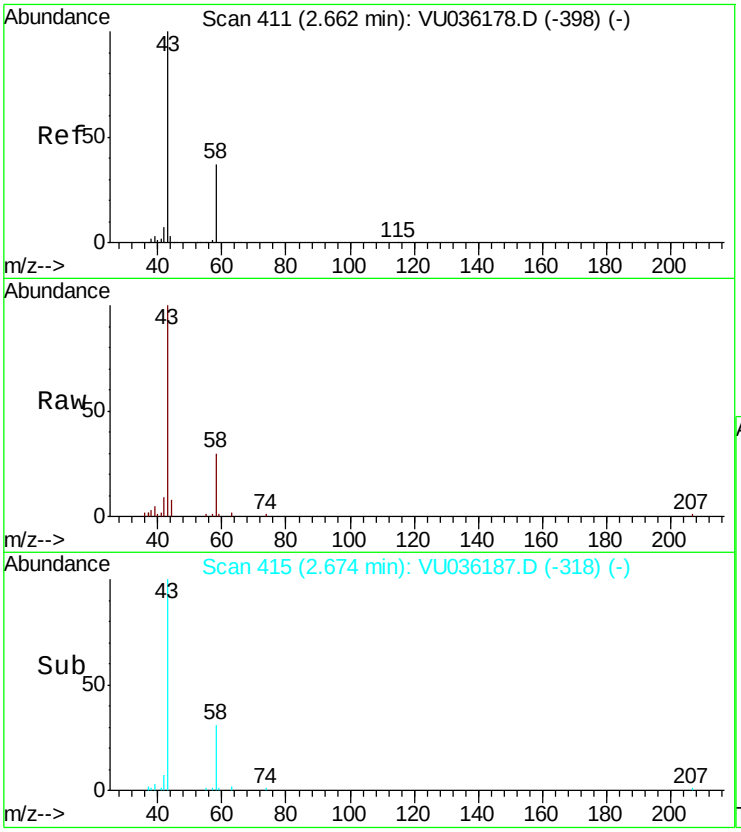


#8
Chloroethane
Concen: 0.302 ug/L
RT: 1.95 min Scan# 191
Delta R.T. 0.00 min
Lab File: VU036187.D
Acq: 13 Dec 2019 07:18

Tgt Ion: 64 Resp: 6266

Ion	Ratio	Lower	Upper
64	100		
66	37.4	22.0	41.0



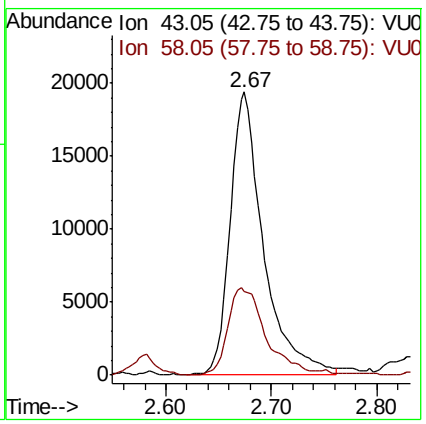


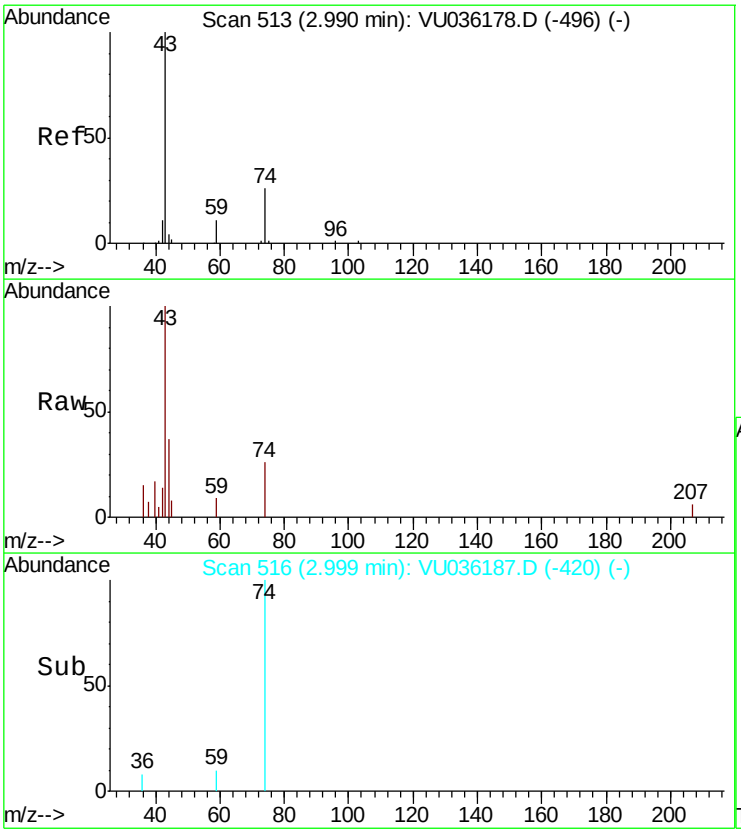
#13
Acetone
Concen: 11.926 ug/L
RT: 2.67 min Scan# 415
Delta R.T. 0.01 min
Lab File: VU036187.D
Acq: 13 Dec 2019 07:18

Instrument :
MSVOA_U
ClientSampleId :
BFQX2

Tgt Ion: 43 Resp: 42665

Ion	Ratio	Lower	Upper
43	100		
58	34.8	0.0	70.0

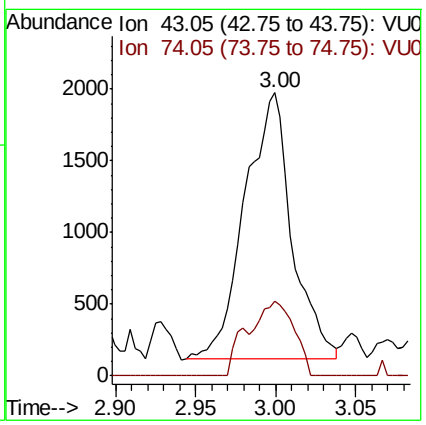


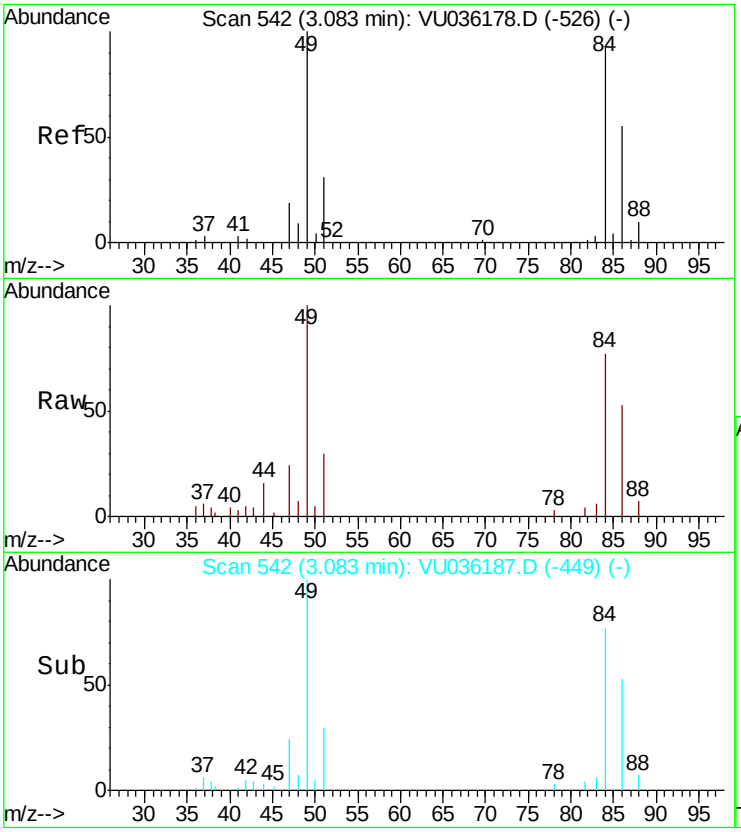


#15
Methyl Acetate
Concen: 0.491 ug/L
RT: 3.00 min Scan# 516
Delta R.T. 0.01 min
Lab File: VU036187.D
Acq: 13 Dec 2019 07:18

Tgt Ion: 43 Resp: 3747

Ion	Ratio	Lower	Upper
43	100		
74	27.5	20.6	30.8



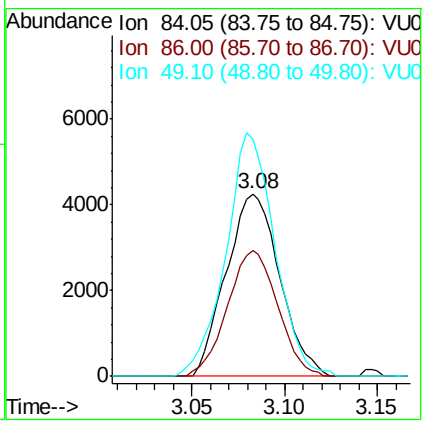


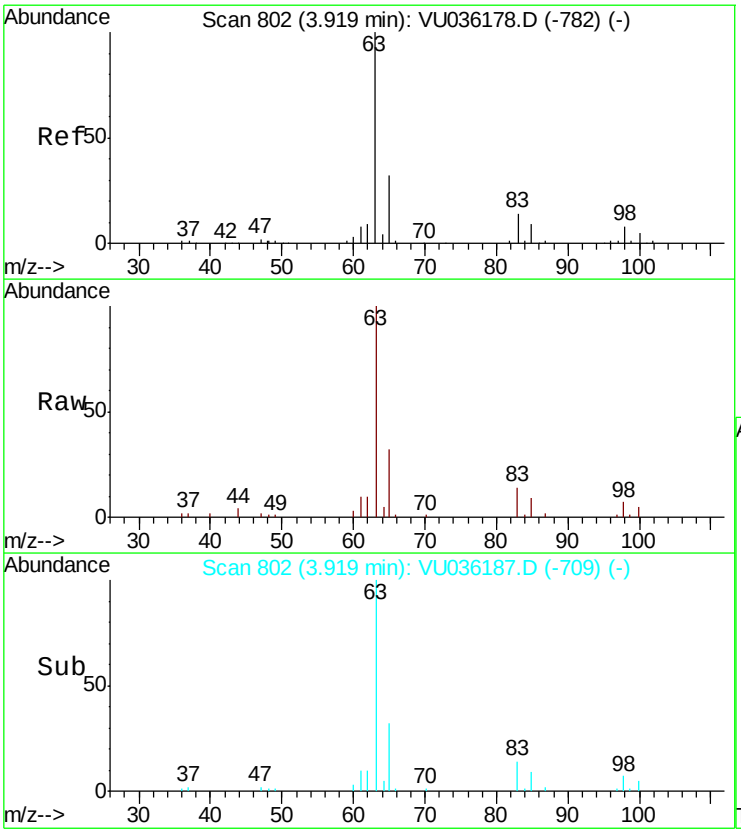
#16
Methylene chloride
Concen: 0.320 ug/L
RT: 3.08 min Scan# 542
Delta R.T. -0.00 min
Lab File: VU036187.D
Acq: 13 Dec 2019 07:18

Instrument : MSVOA_U
ClientSampleId : BFQX2

Tgt Ion: 84 Resp: 8526

Ion	Ratio	Lower	Upper
84	100		
86	68.8	46.1	85.5
49	130.1	77.7	144.3

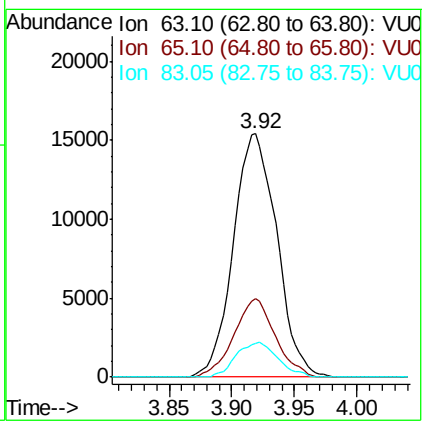


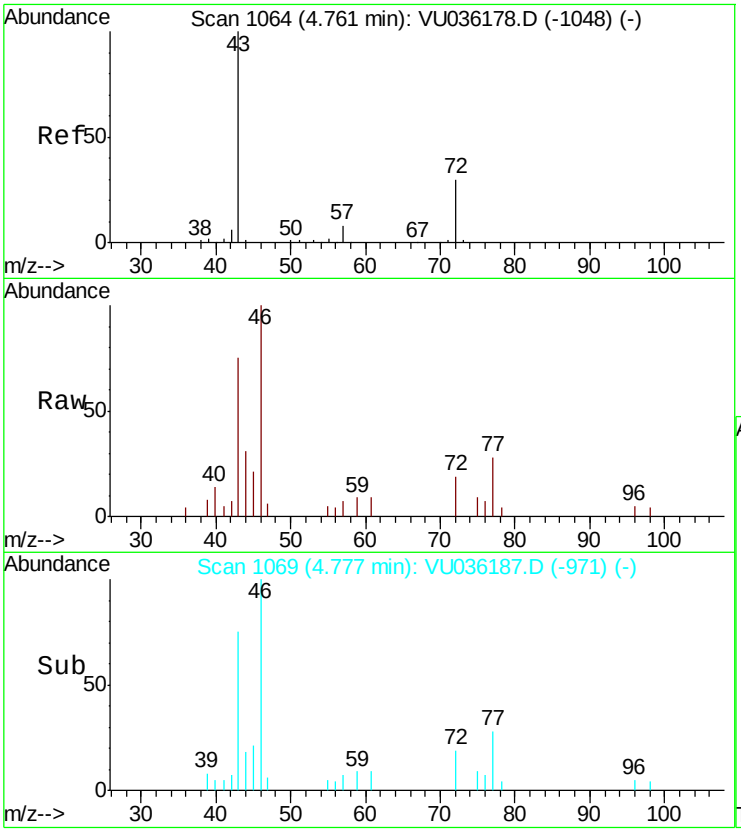


#19
1,1-Dichloroethane
Concen: 1.021 ug/L
RT: 3.92 min Scan# 802
Delta R.T. -0.00 min
Lab File: VU036187.D
Acq: 13 Dec 2019 07:18

Tgt Ion: 63 Resp: 37074

Ion	Ratio	Lower	Upper
63	100		
65	32.0	22.2	41.2
83	14.0	9.8	18.2



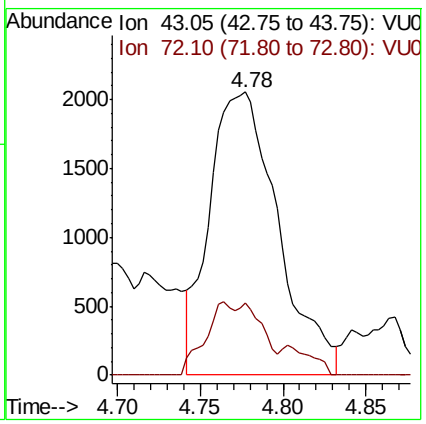


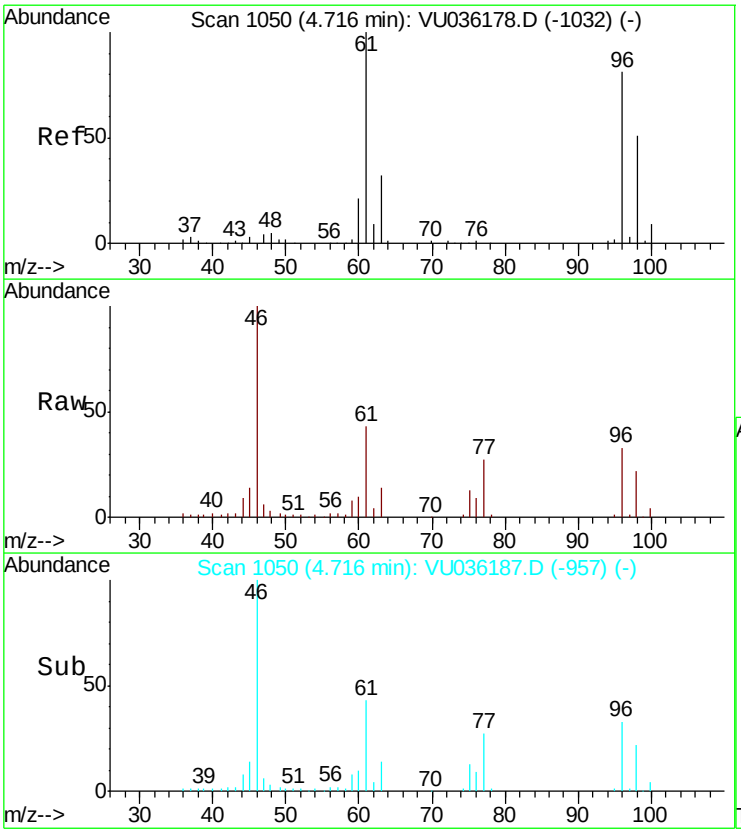
#21
2-Butanone
Concen: 1.242 ug/L
RT: 4.78 min Scan# 1069
Delta R.T. 0.02 min
Lab File: VU036187.D
Acq: 13 Dec 2019 07:18

Instrument :
MSVOA_U
ClientSampleId :
BFQX2

Tgt Ion: 43 Resp: 5922

Ion	Ratio	Lower	Upper
43	100		
72	11.1	14.4	43.2#

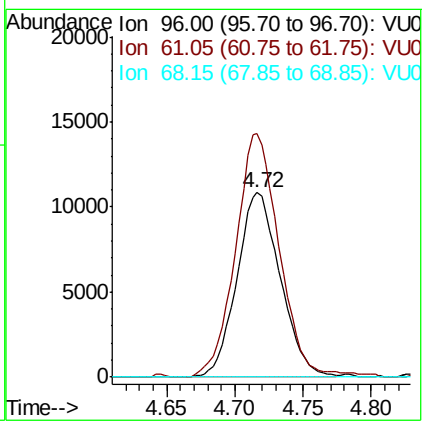


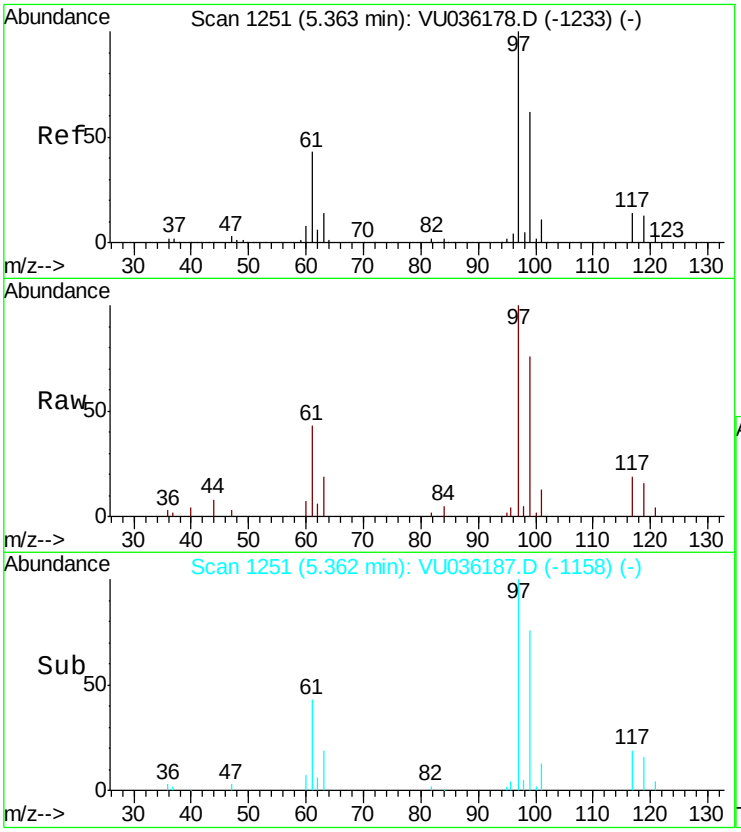


#22
cis-1,2-Dichloroethene
Concen: 1.177 ug/L
RT: 4.72 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VU036187.D
Acq: 13 Dec 2019 07:18

Tgt Ion: 96 Resp: 23923

Ion	Ratio	Lower	Upper
96	100		
61	131.9	83.8	155.6
68	0.0	0.0	0.0



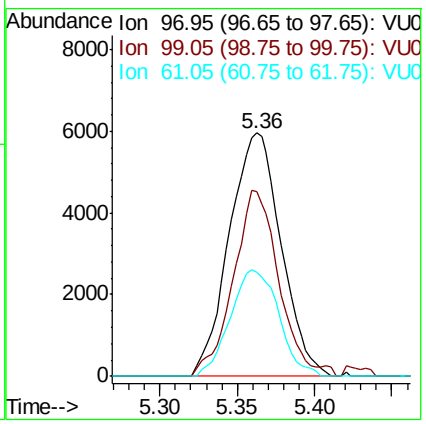


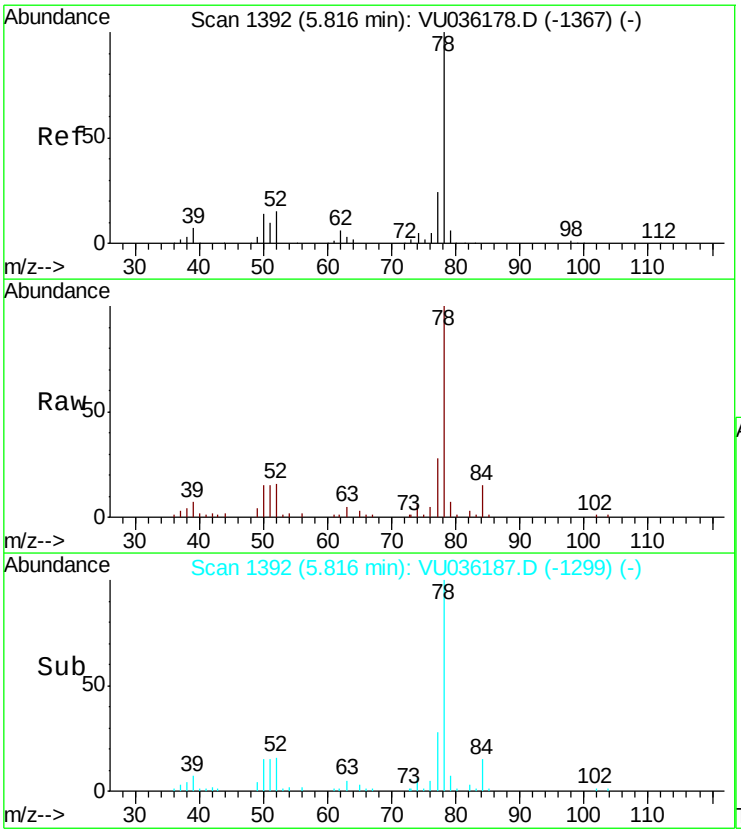
#29
1,1,1-Trichloroethane
Concen: 0.416 ug/L
RT: 5.36 min Scan# 1251
Delta R.T. -0.00 min
Lab File: VU036187.D
Acq: 13 Dec 2019 07:18

Instrument :
MSVOA_U
ClientSampleId :
BFQX2

Tgt Ion: 97 Resp: 13853

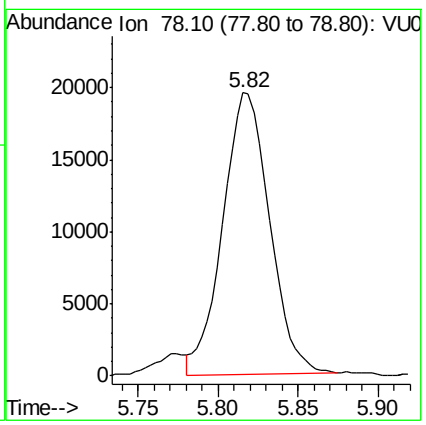
Ion	Ratio	Lower	Upper
97	100		
99	66.3	52.6	79.0
61	41.0	35.4	53.2

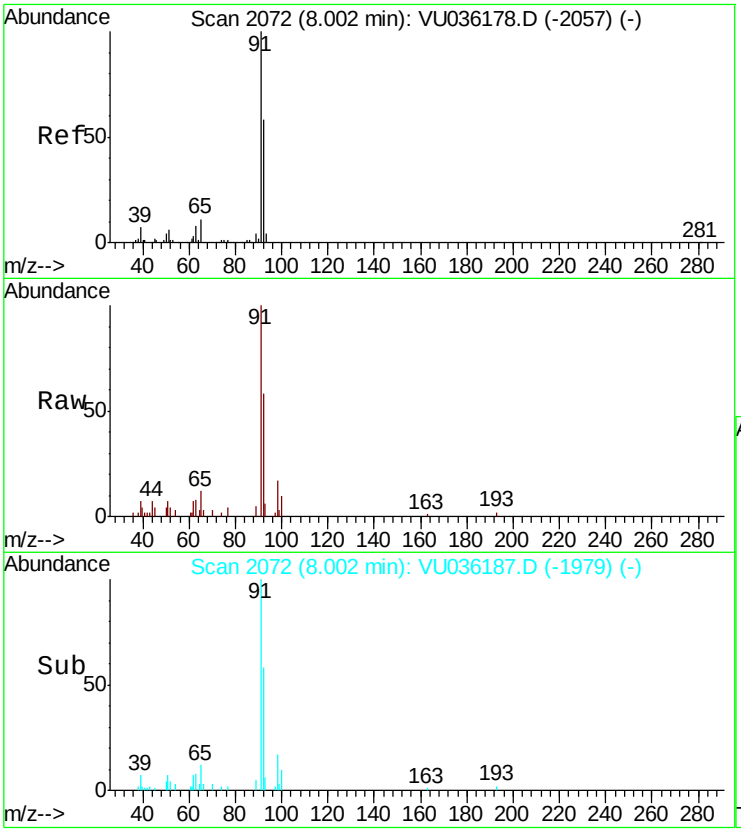




#33
Benzene
Concen: 0.467 ug/L
RT: 5.82 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VU036187.D
Acq: 13 Dec 2019 07:18

Tgt Ion: 78 Resp: 39033



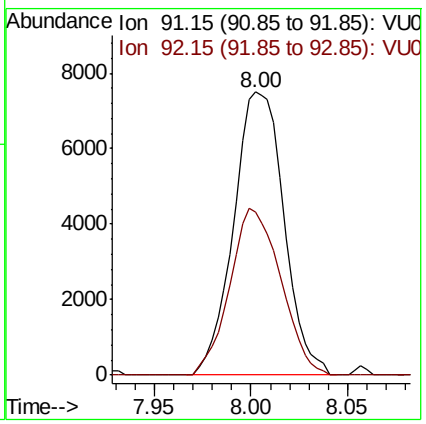


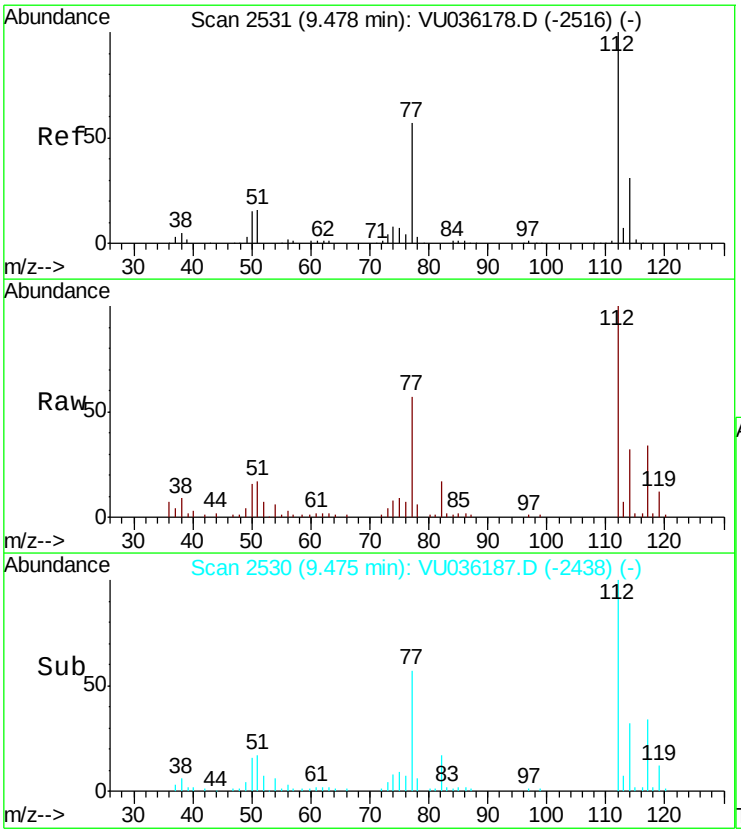
#42
Toluene
Concen: 0.153 ug/L
RT: 8.00 min Scan# 2072
Delta R.T. -0.00 min
Lab File: VU036187.D
Acq: 13 Dec 2019 07:18

Instrument : MSVOA_U
ClientSampleId : BFQX2

Tgt Ion: 91 Resp: 13562

Ion	Ratio	Lower	Upper
91	100		
92	57.5	40.7	75.7

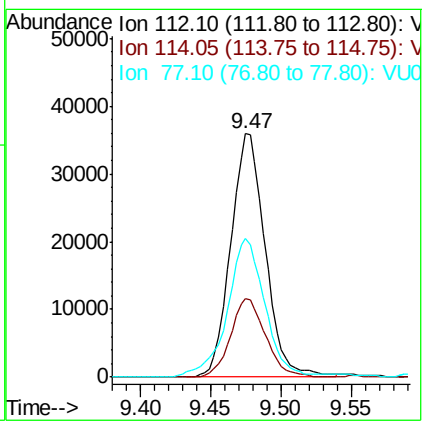


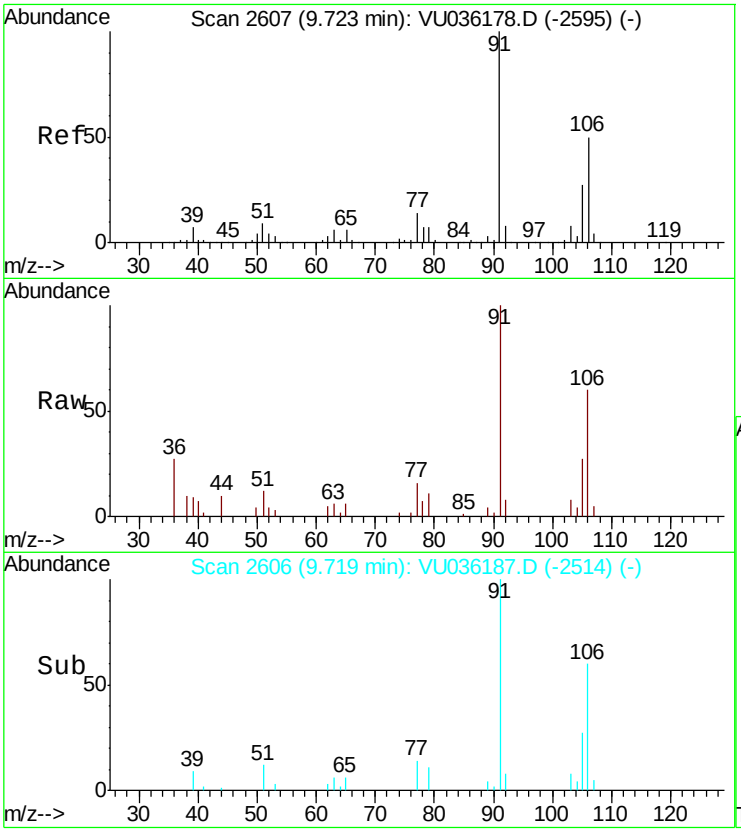


#51
Chlorobenzene
Concen: 1.068 ug/L
RT: 9.47 min Scan# 2530
Delta R.T. -0.00 min
Lab File: VU036187.D
Acq: 13 Dec 2019 07:18

Tgt Ion:112 Resp: 61556

Ion	Ratio	Lower	Upper
112	100		
114	32.4	22.2	41.2
77	57.0	45.7	68.5



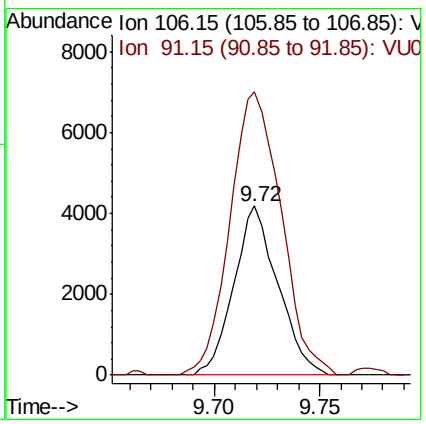


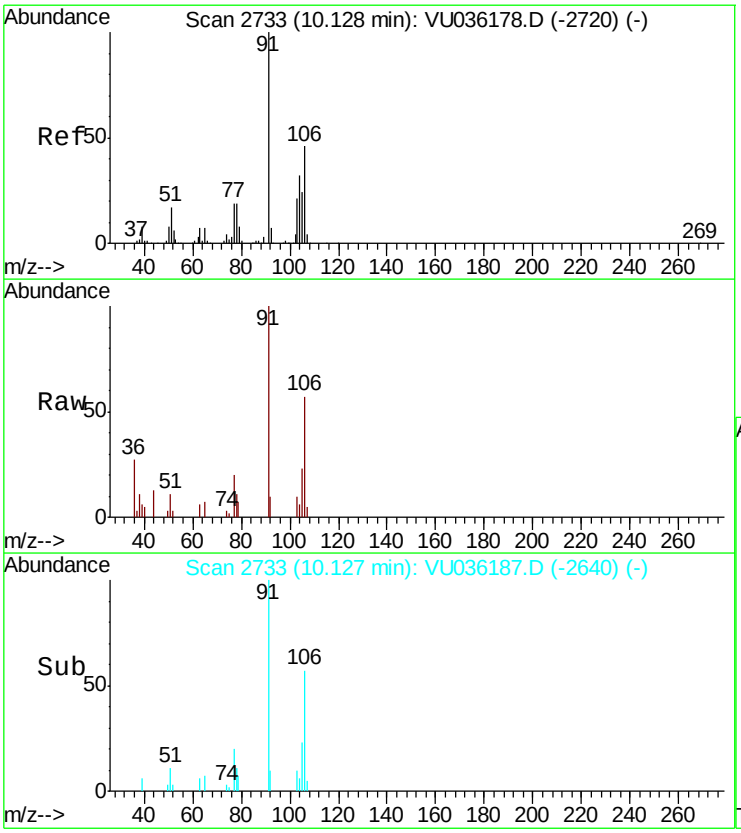
#53
m,p-Xylene
Concen: 0.180 ug/L
RT: 9.72 min Scan# 2606
Delta R.T. -0.00 min
Lab File: VU036187.D
Acq: 13 Dec 2019 07:18

Instrument :
MSVOA_U
ClientSampleId :
BFQX2

Tgt Ion:106 Resp: 6082

Ion	Ratio	Lower	Upper
106	100		
91	167.4	140.4	260.8





#54
o-Xylene
Concen: 0.126 ug/L
RT: 10.13 min Scan# 2733
Delta R.T. -0.00 min
Lab File: VU036187.D
Acq: 13 Dec 2019 07:18

Tgt Ion:106 Resp: 4084

Ion	Ratio	Lower	Upper
106	100		
91	176.5	148.5	275.7