Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111819\
Data File : VU035743.D
Acq On : 18 Nov 2019 14:44
Operator : JC/SP
Sample : K5911-03MSD
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Nov 19 00:36:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 19 00:32:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	203151	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	237072	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	108192	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.62	65	88739	4.24	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 84.80%			
7) Chloroethane-d5	1.93	69	82738	4.84	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 96.80%			
11) 1,1-Dichloroethene-d2	2.60	63	165383	4.70	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 94.00%			
20) 2-Butanone-d5	4.70	46	240533	52.10	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 104.20%			
24) Chloroform-d	5.11	84	171546	5.15	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.00%			
26) 1,2-Dichloroethane-d4	5.75	65	88508	5.06	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.20%			
32) Benzene-d6	5.77	84	321276	4.31	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.20%			
36) 1,2-Dichloropropane-d6	6.74	67	110754	4.59	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.80%			
41) Toluene-d8	7.93	98	263403	3.73	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 74.60%			
43) trans-1,3-Dichloropropene-	8.21	79	41845	4.34	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.80%			
46) 2-Hexanone-d5	8.68	63	172694	45.73	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 91.46%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	98232	4.85	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.00%			
64) 1,2-Dichlorobenzene-d4	12.22	152	97150	4.53	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 90.60%			
Target Compounds						Qvalue
6) Bromomethane	1.88	94	1657	0.113	ug/L	98
12) 1,1-Dichloroethene	2.61	96	99040	5.544	ug/L	92
13) Acetone	2.67	43	10285	3.090	ug/L	92
14) Carbon disulfide	2.82	76	42796	0.739	ug/L	98
27) 1,2-Dichloroethane	5.82	62	3495	0.169	ug/L #	73
33) Benzene	5.82	78	422815	5.068	ug/L	100
34) Trichloroethene	6.58	95	104495	4.894	ug/L	98
37) 1,2-Dichloropropane	6.74	63	11308	0.514	ug/L #	88
39) cis-1,3-Dichloropropene	7.60	75	2255	0.072	ug/L #	46
42) Toluene	8.01	91	454441	5.177	ug/L	100
48) 2-Hexanone	8.72	43	12337	1.373	ug/L	97
51) Chlorobenzene	9.48	112	290112	5.033	ug/L	98
52) Ethylbenzene	9.60	91	13658	0.148	ug/L	99
53) m,p-Xylene	9.72	106	8227	0.235	ug/L	78
54) o-Xylene	10.13	106	2775	0.082	ug/L	96
59) 1,2,3-Trichloropropane	11.84	75	11538	0.794	ug/L #	41

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111819\
Data File : VU035743.D
Acq On : 18 Nov 2019 14:44
Operator : JC/SP
Sample : K5911-03MSD
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Nov 19 00:36:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 19 00:32:50 2019
Response via : Initial Calibration

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

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111819\
Data File : VU035743.D
Acq On : 18 Nov 2019 14:44
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Misc : 25.0mL/MSVOA_U/WATER
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Instrument :
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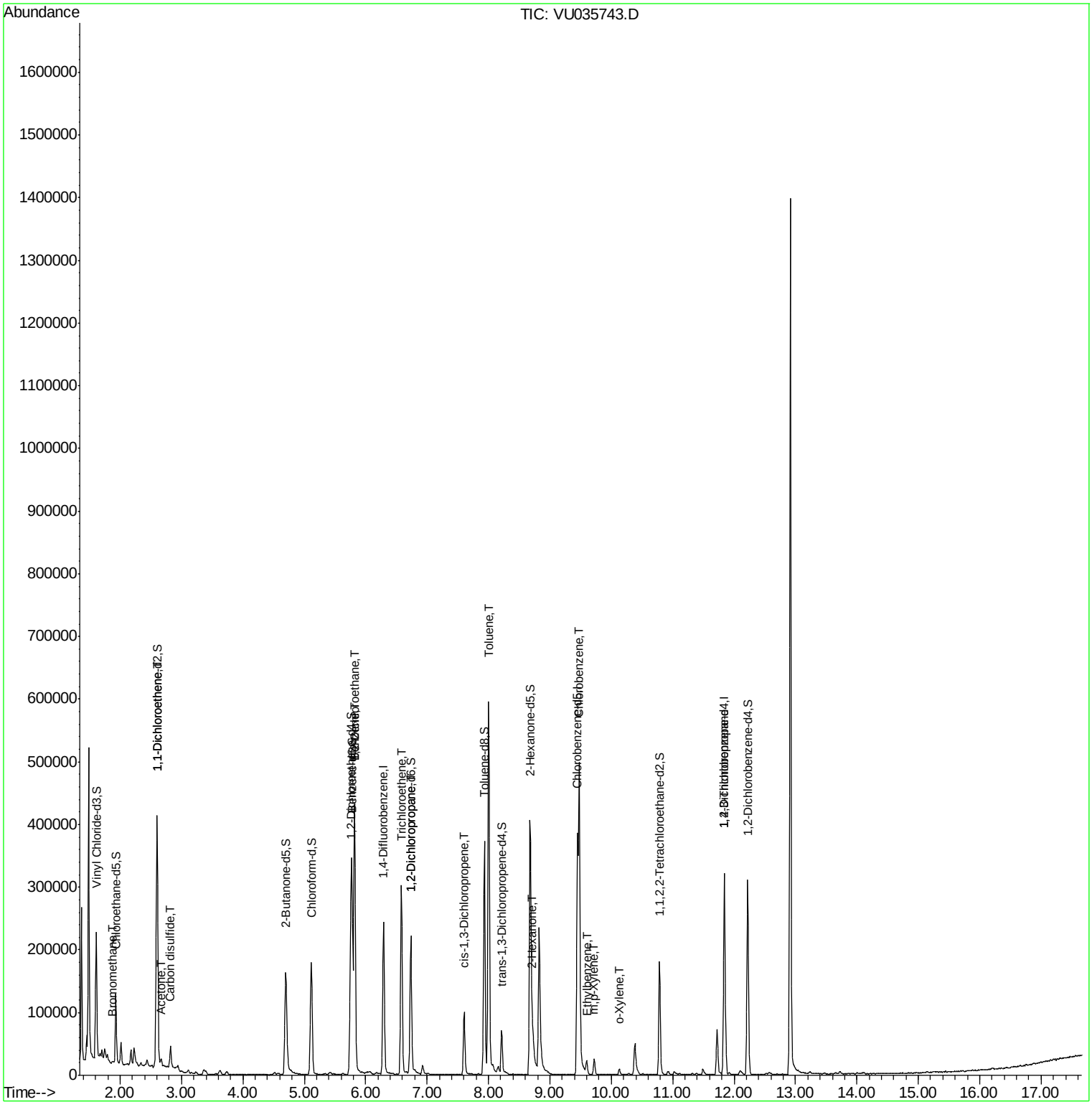
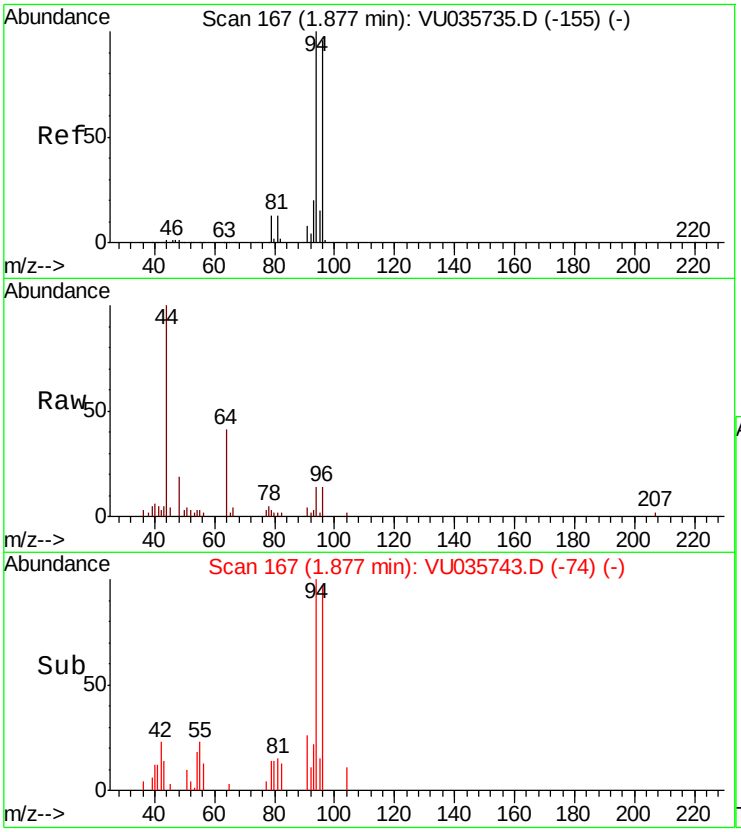
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 19 00:32:50 2019
Response via : Initial Calibration



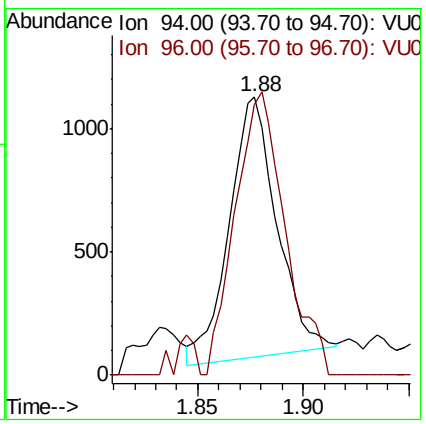


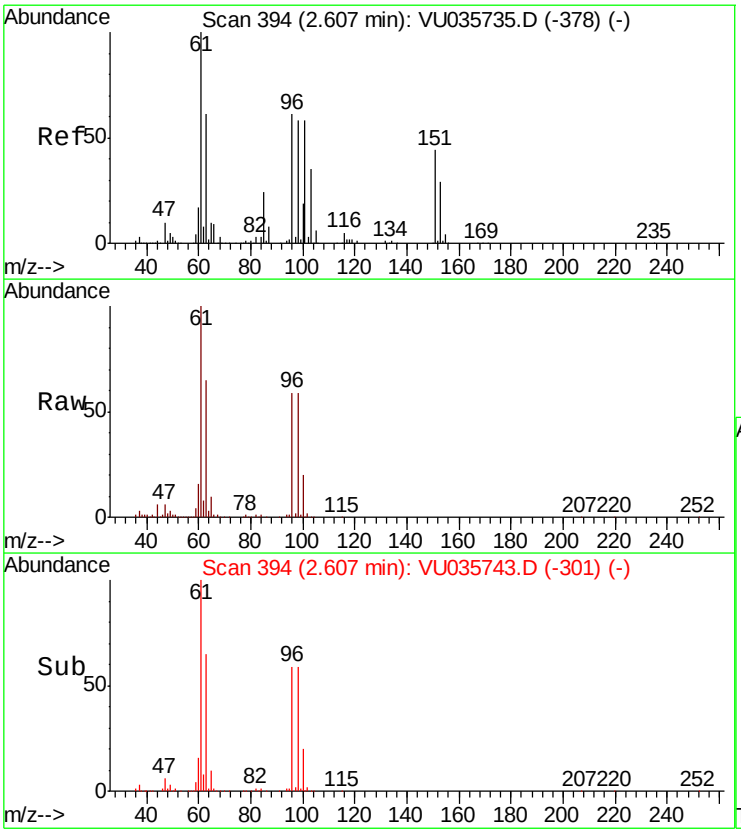
#6
Bromomethane
Concen: 0.113 ug/L
RT: 1.88 min Scan# 167
Delta R.T. -0.00 min
Lab File: VU035743.D
Acq: 18 Nov 2019 14:44

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 94 Resp: 1657

Ion	Ratio	Lower	Upper
94	100		
96	97.0	66.8	124.2

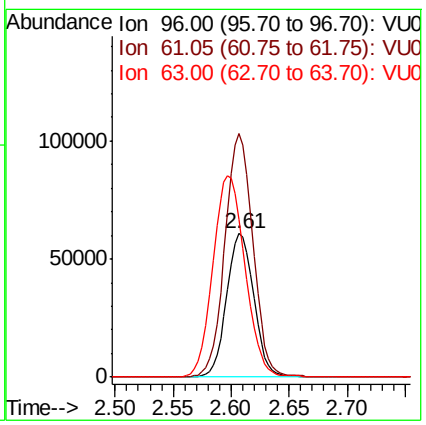


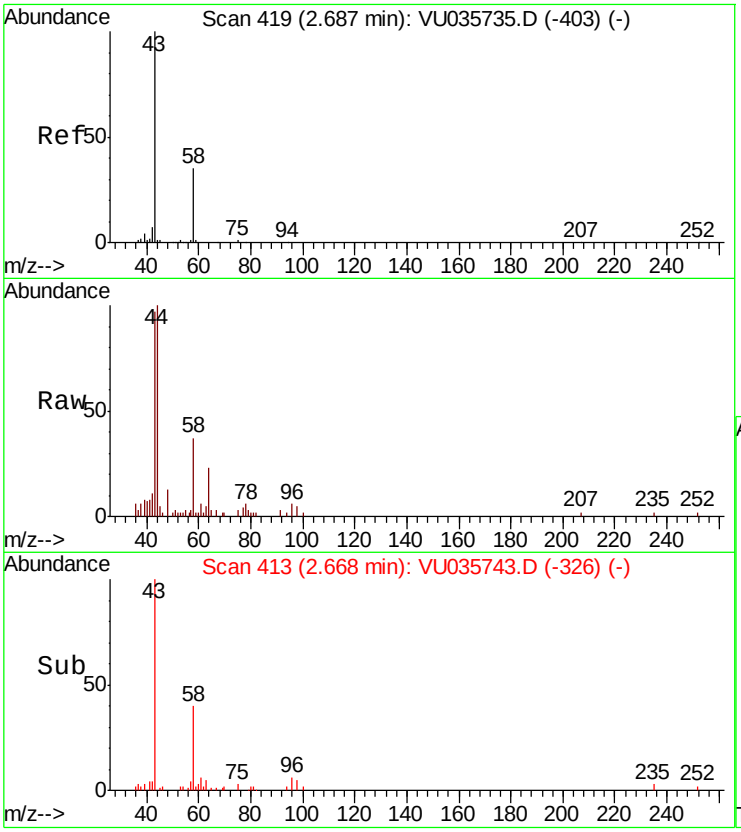


#12
1,1-Dichloroethene
Concen: 5.544 ug/L
RT: 2.61 min Scan# 394
Delta R.T. -0.00 min
Lab File: VU035743.D
Acq: 18 Nov 2019 14:44

Tgt Ion: 96 Resp: 99040

Ion	Ratio	Lower	Upper
96	100		
61	169.8	123.1	228.5
63	110.0	87.8	163.0



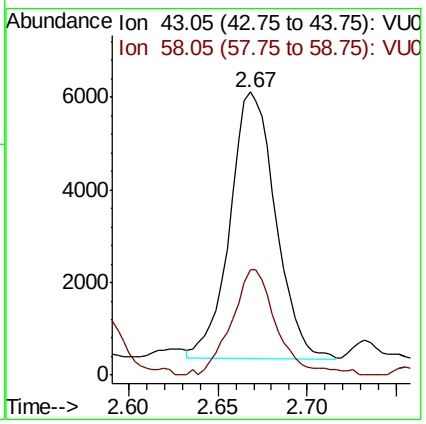


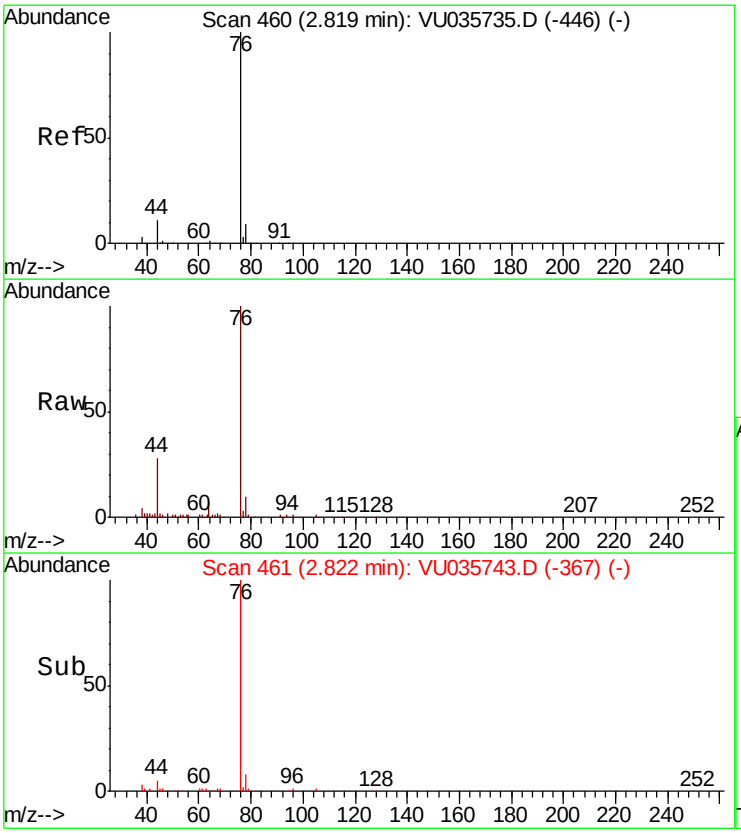
#13
Acetone
Concen: 3.090 ug/L
RT: 2.67 min Scan# 413
Delta R.T. -0.02 min
Lab File: VU035743.D
Acq: 18 Nov 2019 14:44

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 10285

Ion	Ratio	Lower	Upper
43	100		
58	39.5	0.0	69.8

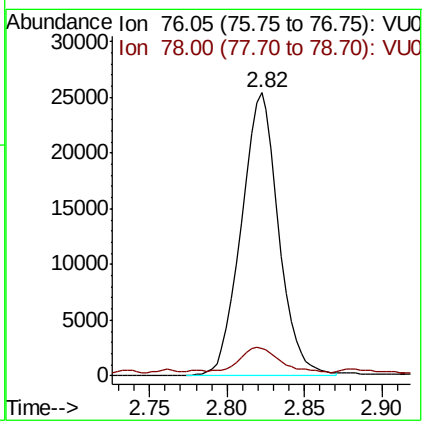


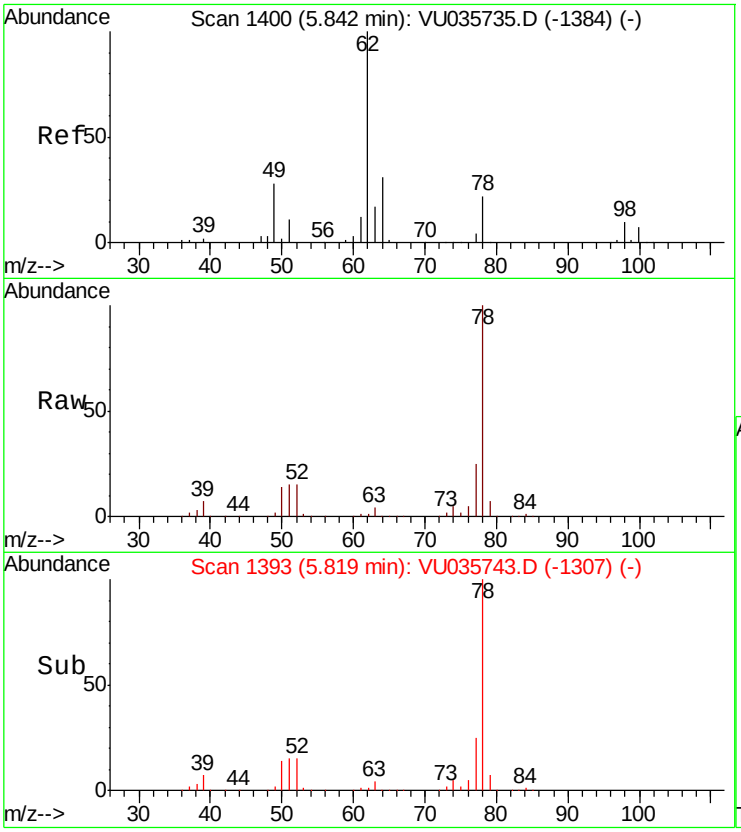


#14
Carbon disulfide
Concen: 0.739 ug/L
RT: 2.82 min Scan# 461
Delta R.T. 0.00 min
Lab File: VU035743.D
Acq: 18 Nov 2019 14:44

Tgt Ion: 76 Resp: 42796

Ion	Ratio	Lower	Upper
76	100		
78	9.8	7.4	11.0



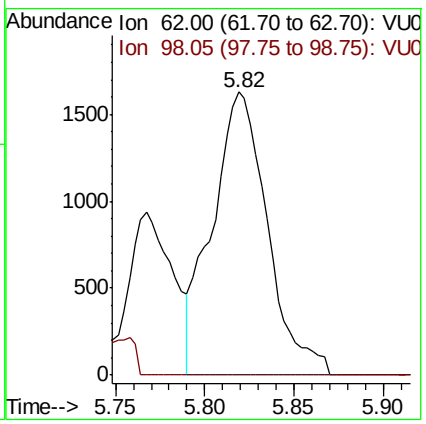


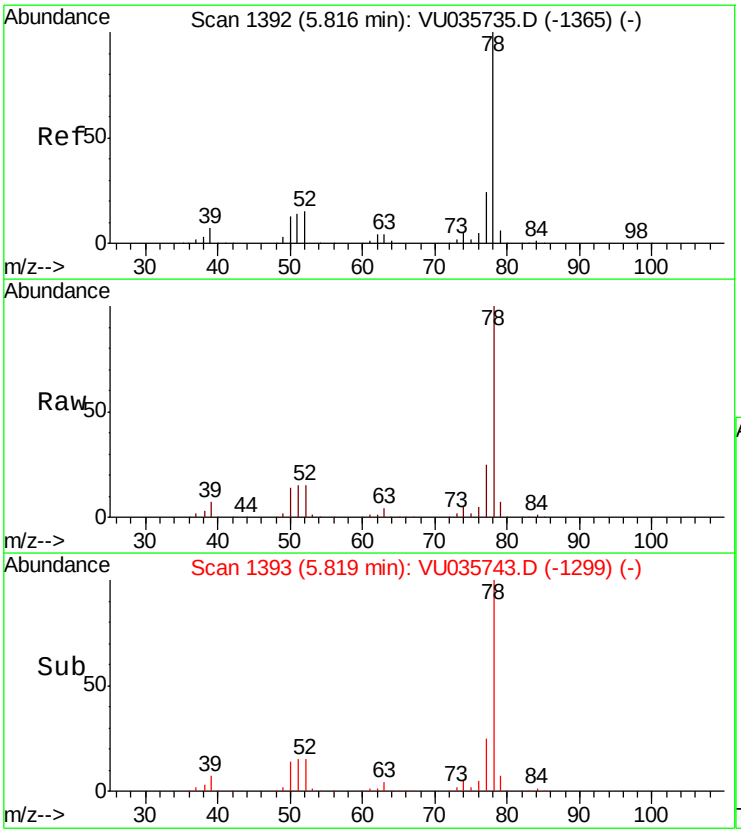
#27
1,2-Dichloroethane
Concen: 0.169 ug/L
RT: 5.82 min Scan# 1393
Delta R.T. -0.02 min
Lab File: VU035743.D
Acq: 18 Nov 2019 14:44

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 3495

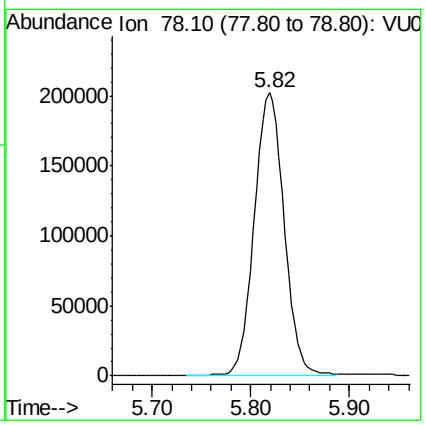
Ion	Ratio	Lower	Upper
62	100		
98	0.0	8.0	12.0#

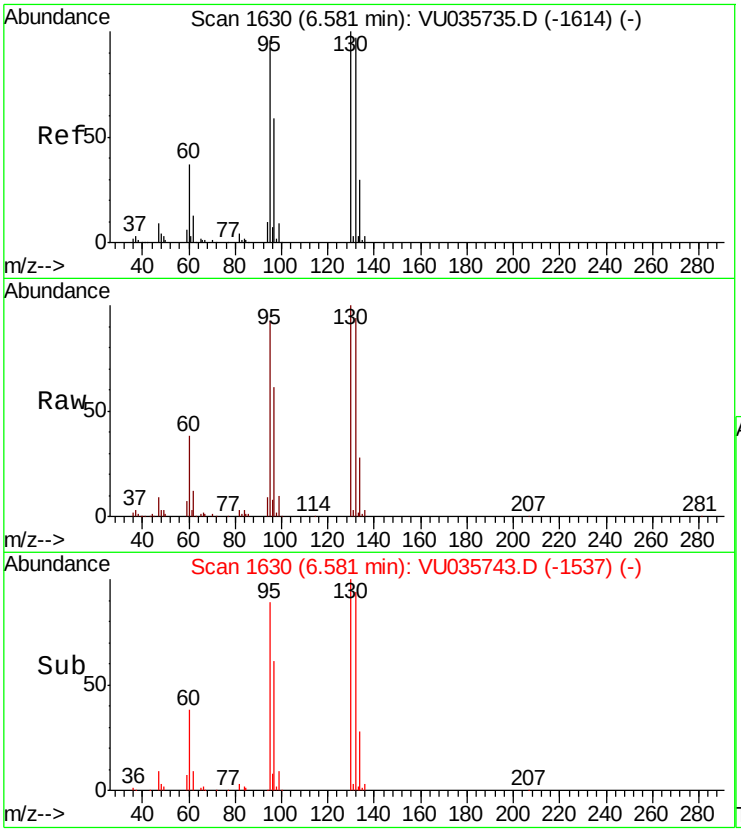




#33
Benzene
Concen: 5.068 ug/L
RT: 5.82 min Scan# 1393
Delta R.T. 0.00 min
Lab File: VU035743.D
Acq: 18 Nov 2019 14:44

Tgt Ion: 78 Resp: 422815



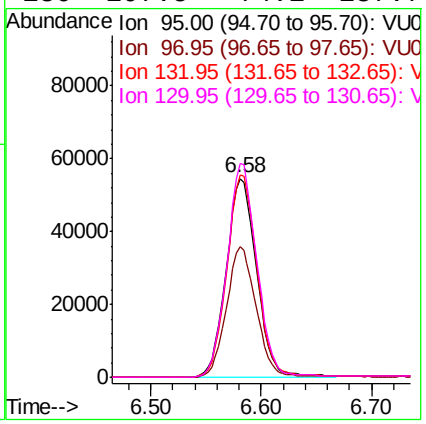


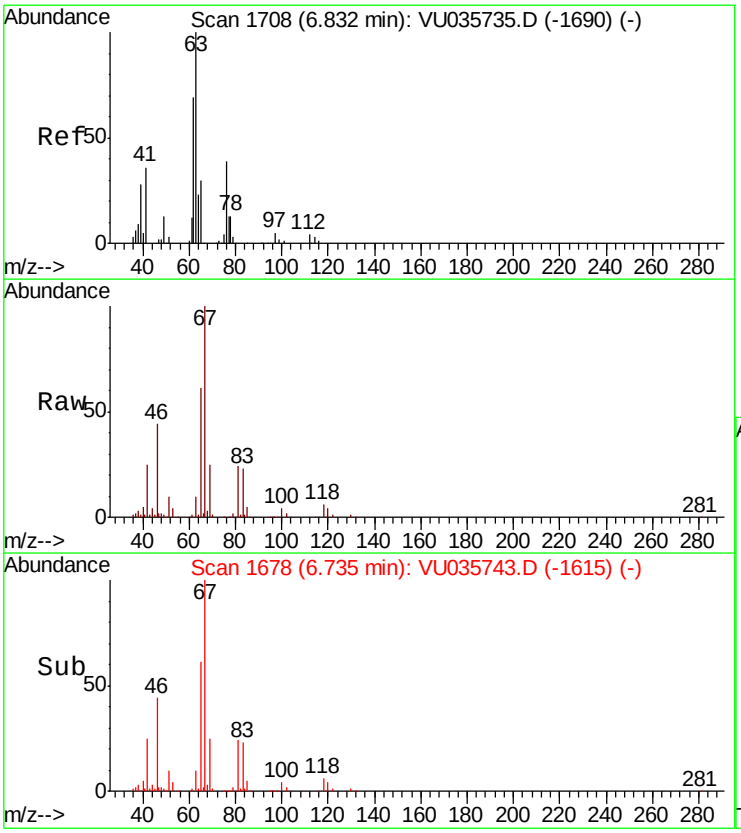
#34
Trichloroethene
Concen: 4.894 ug/L
RT: 6.58 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VU035743.D
Acq: 18 Nov 2019 14:44

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 104495

Ion	Ratio	Lower	Upper
95	100		
97	65.6	44.5	82.7
132	101.6	69.9	129.7
130	107.5	74.1	137.7

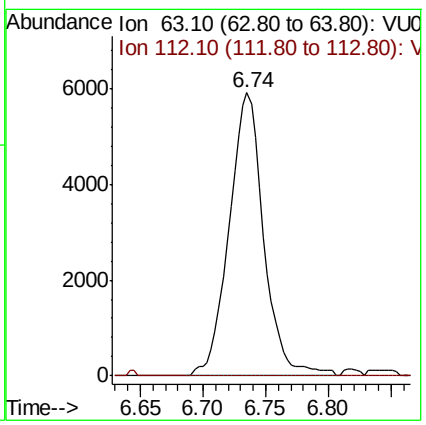


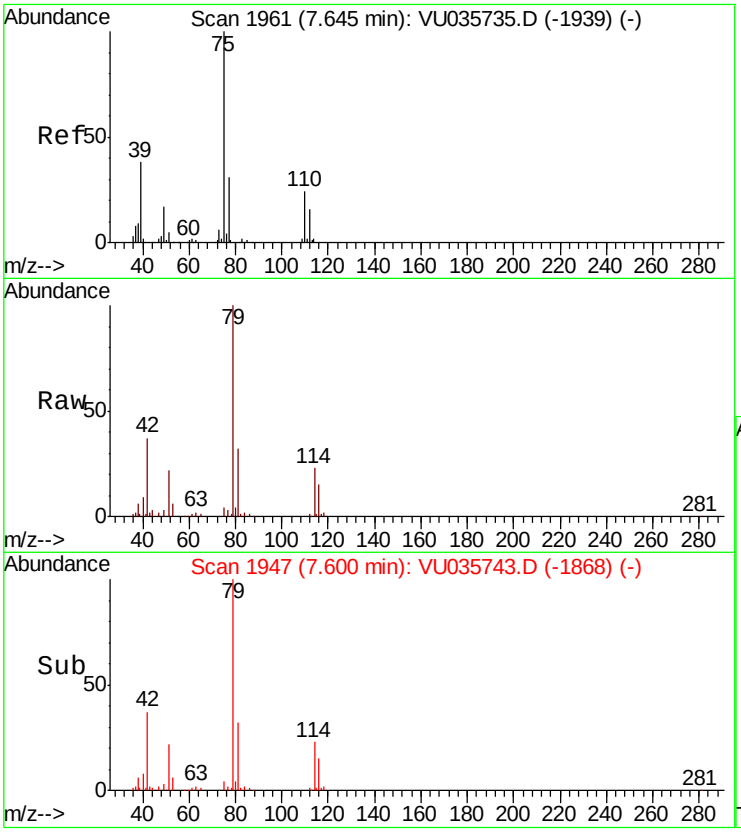


#37
1,2-Dichloropropane
Concen: 0.514 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.10 min
Lab File: VU035743.D
Acq: 18 Nov 2019 14:44

Tgt Ion: 63 Resp: 11308

Ion	Ratio	Lower	Upper
63	100		
112	0.4	3.4	5.2#



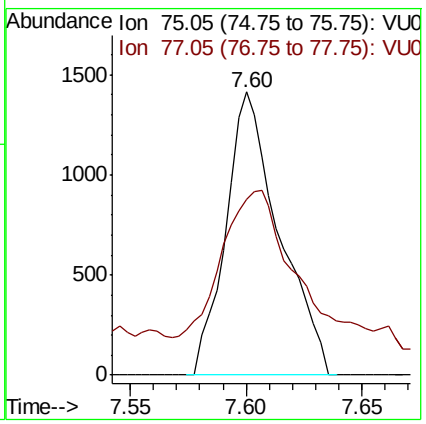


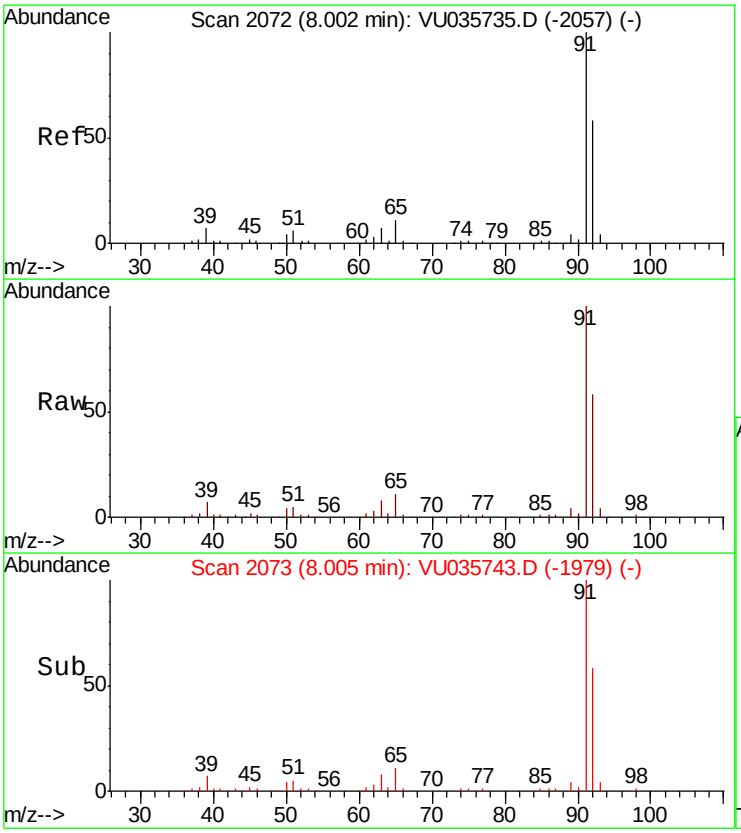
#39
cis-1,3-Dichloropropene
Concen: 0.072 ug/L
RT: 7.60 min Scan# 1947
Delta R.T. -0.05 min
Lab File: VU035743.D
Acq: 18 Nov 2019 14:44

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 2255

Ion	Ratio	Lower	Upper
75	100		
77	62.2	22.5	41.7#

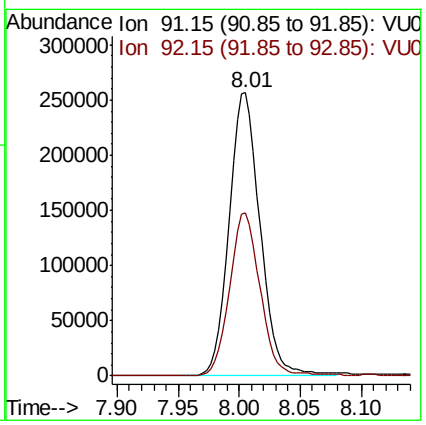


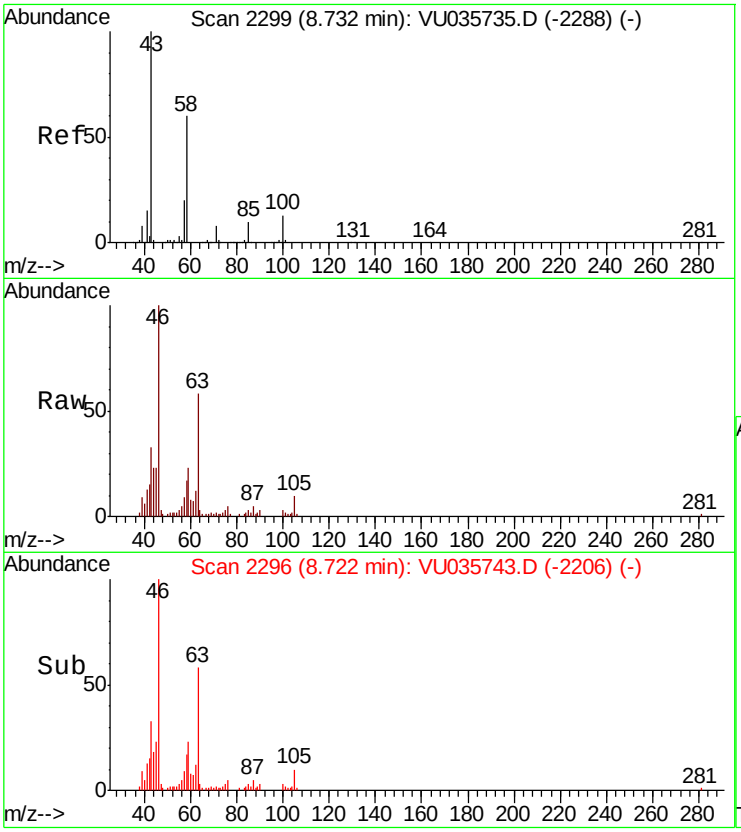


#42
Toluene
Concen: 5.177 ug/L
RT: 8.01 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VU035743.D
Acq: 18 Nov 2019 14:44

Tgt Ion: 91 Resp: 454441

Ion	Ratio	Lower	Upper
91	100		
92	57.8	40.5	75.3



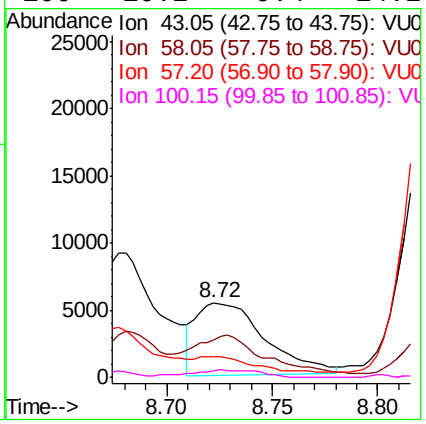


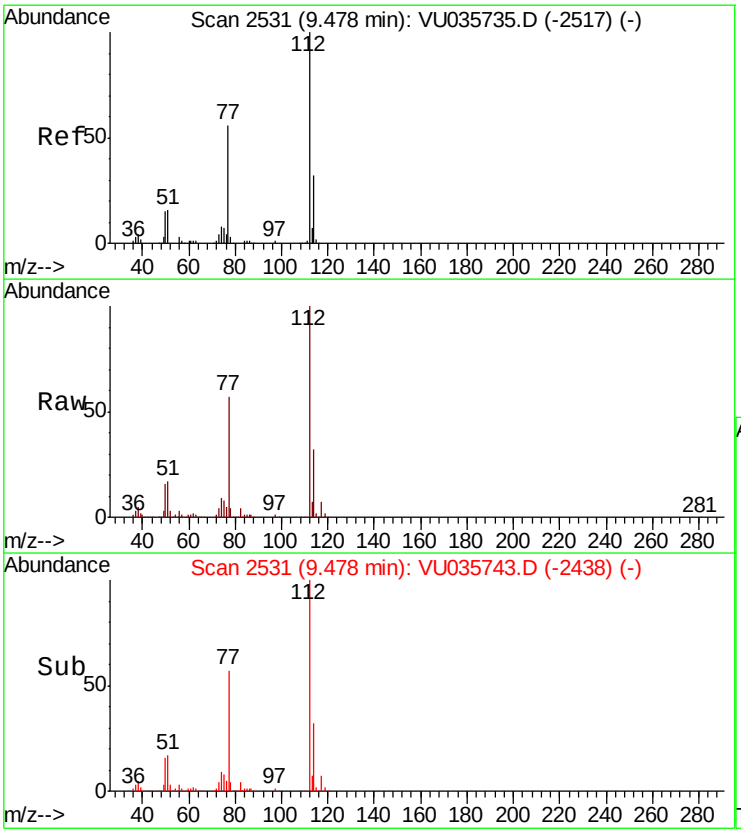
#48
2-Hexanone
Concen: 1.373 ug/L
RT: 8.72 min Scan# 2296
Delta R.T. -0.01 min
Lab File: VU035743.D
Acq: 18 Nov 2019 14:44

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 12337

Ion	Ratio	Lower	Upper
43	100		
58	56.4	44.1	66.1
57	16.1	15.1	22.7
100	10.2	9.4	14.2

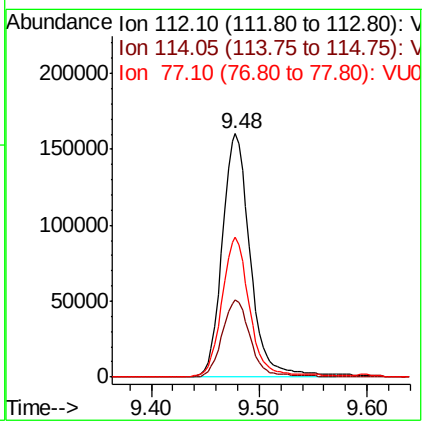


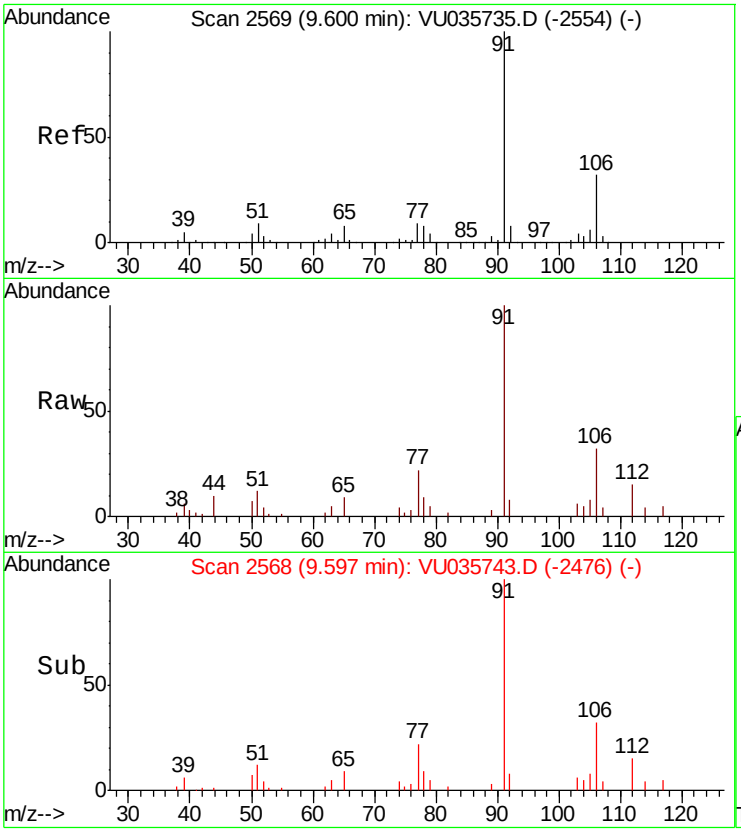


#51
Chlorobenzene
Concen: 5.033 ug/L
RT: 9.48 min Scan# 2531
Delta R.T. -0.00 min
Lab File: VU035743.D
Acq: 18 Nov 2019 14:44

Tgt Ion:112 Resp: 290112

Ion	Ratio	Lower	Upper
112	100		
114	31.8	22.3	41.5
77	57.4	44.3	66.5



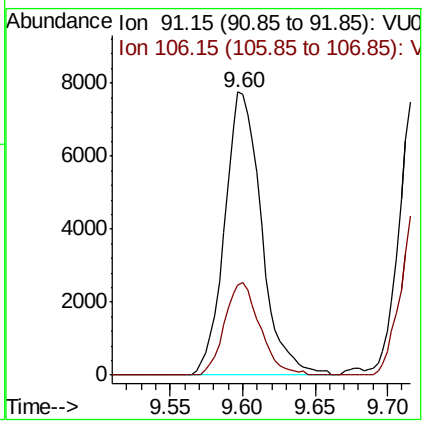


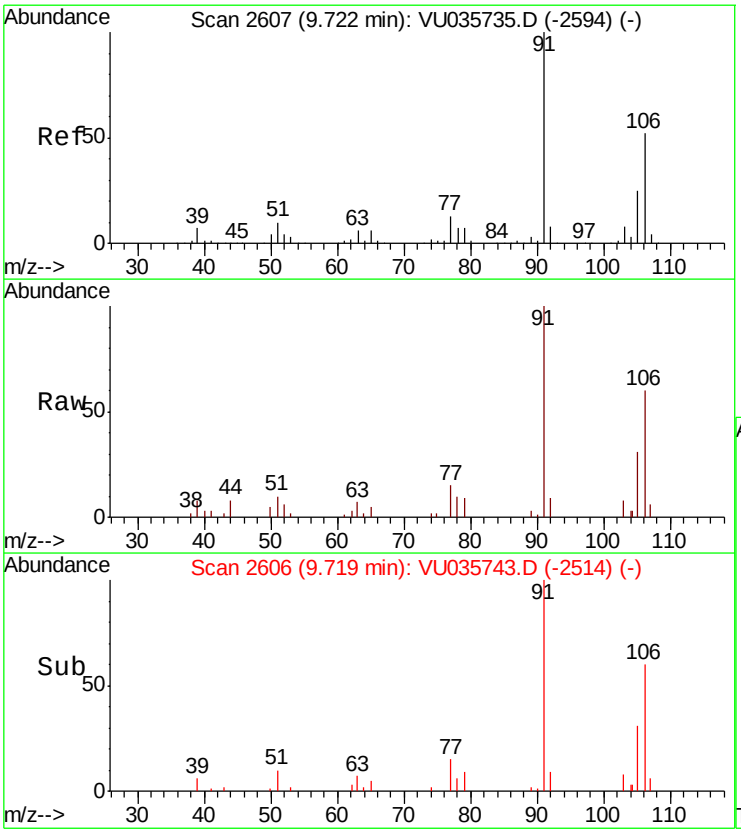
#52
Ethylbenzene
Concen: 0.148 ug/L
RT: 9.60 min Scan# 2568
Delta R.T. -0.00 min
Lab File: VU035743.D
Acq: 18 Nov 2019 14:44

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 91 Resp: 13658

Ion	Ratio	Lower	Upper
91	100		
106	31.6	22.4	41.6

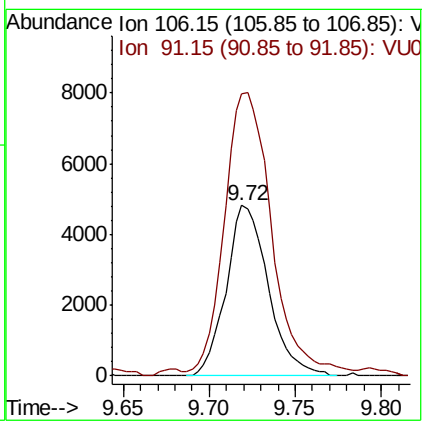


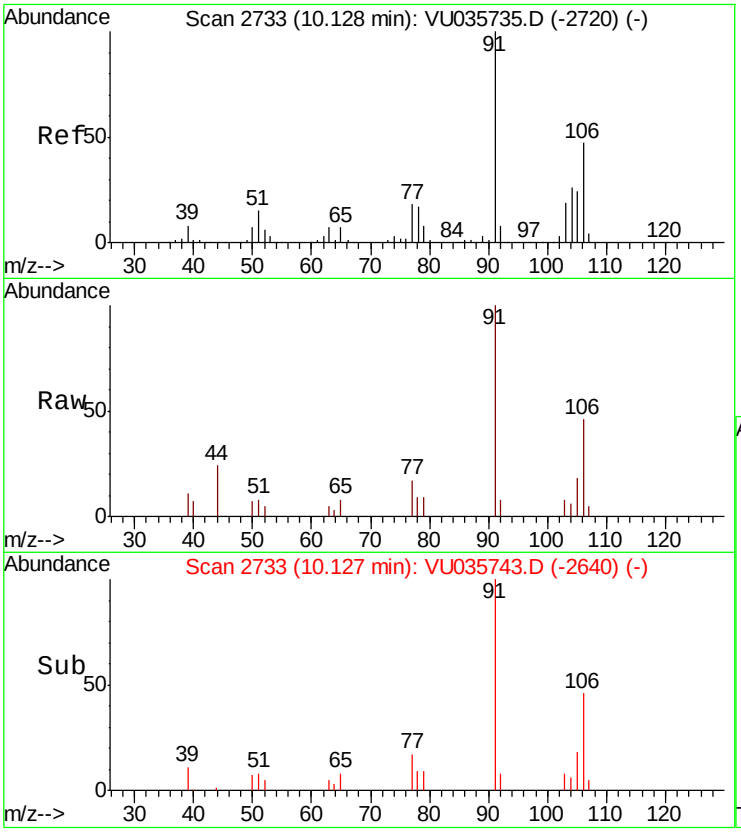


#53
m,p-Xylene
Concen: 0.235 ug/L
RT: 9.72 min Scan# 2606
Delta R.T. -0.00 min
Lab File: VU035743.D
Acq: 18 Nov 2019 14:44

Tgt Ion:106 Resp: 8227

Ion	Ratio	Lower	Upper
106	100		
91	165.7	139.4	259.0



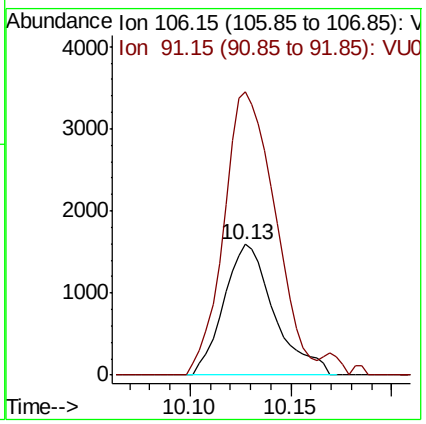


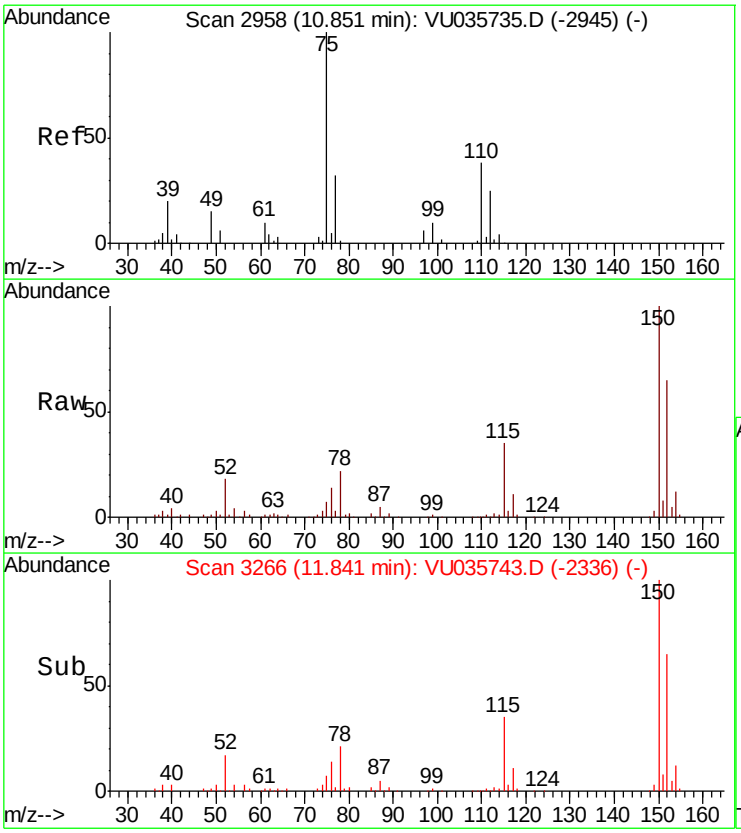
#54
o-Xylene
Concen: 0.082 ug/L
RT: 10.13 min Scan# 2733
Delta R.T. -0.00 min
Lab File: VU035743.D
Acq: 18 Nov 2019 14:44

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion:106 Resp: 2775

Ion	Ratio	Lower	Upper
106	100		
91	216.5	147.7	274.3





#59
1,2,3-Trichloropropane
Concen: 0.794 ug/L
RT: 11.84 min Scan# 3266
Delta R.T. 0.99 min
Lab File: VU035743.D
Acq: 18 Nov 2019 14:44

Tgt Ion: 75 Resp: 11538

Ion	Ratio	Lower	Upper
75	100		
77	0.0	26.8	40.2#