Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102219\
Data File : VU035388.D
Acq On : 23 Oct 2019 01:25
Operator : JC/SP
Sample : K5461-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Oct 23 08:08:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 23 08:02:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	250090	5.00	ug/L		0.00
28) Chlorobenzene-d5	9.45	117	251569	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	82808	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.62	65	114249	7.49	ug/L		0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 149.80%#				
7) Chloroethane-d5	1.93	69	99678	7.15	ug/L		0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 143.00%#				
11) 1,1-Dichloroethene-d2	2.59	63	152136	5.40	ug/L		0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 108.00%				
20) 2-Butanone-d5	4.72	46	2863	0.65	ug/L		0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 1.30%#				
24) Chloroform-d	5.11	84	163684	5.87	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 117.40%				
26) 1,2-Dichloroethane-d4	5.75	65	99923	6.47	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 129.40%				
32) Benzene-d6	5.77	84	361041	6.28	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 125.60%#				
36) 1,2-Dichloropropane-d6	6.74	67	120408	6.59	ug/L		0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 131.80%				
41) Toluene-d8	7.93	98	304686	5.54	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 110.80%				
43) trans-1,3-Dichloropropene-	8.22	79	37603	4.24	ug/L		0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 84.80%				
46) 2-Hexanone-d5	8.69	63	63036	16.12	ug/L		0.01
Spiked Amount 50.000	Range 45 - 130		Recovery = 32.24%#				
57) 1,1,2,2-Tetrachloroethane-	10.79	84	92763	5.70	ug/L		0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 114.00%				
64) 1,2-Dichlorobenzene-d4	12.22	152	90810	6.02	ug/L		0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 120.40%#				
Target Compounds							Qvalue
5) Vinyl chloride	1.62	62	288659	13.312	ug/L		98
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	1964	0.118	ug/L	#	38
12) 1,1-Dichloroethene	2.61	96	7029	0.437	ug/L	#	1
14) Carbon disulfide	2.83	76	3579	0.070	ug/L	#	48
16) Methylene chloride	3.08	84	2807	0.145	ug/L		86
17) Methyl tert-butyl Ether	3.43	73	69804	1.614	ug/L	#	91
18) trans-1,2-Dichloroethene	3.39	96	35280	2.035	ug/L		99
19) 1,1-Dichloroethane	3.92	63	40294	1.285	ug/L		96
22) cis-1,2-Dichloroethene	4.72	96	1590832	83.007	ug/L		97
25) Chloroform	5.14	83	19119	0.556	ug/L		98
33) Benzene	5.82	78	26256	0.355	ug/L		100
34) Trichloroethene	6.58	95	2117723	106.418	ug/L		97
35) Methylcyclohexane	6.74	83	27341	0.822	ug/L	#	18
37) 1,2-Dichloropropane	6.73	63	13248	0.705	ug/L	#	89
39) cis-1,3-Dichloropropene	7.60	75	2623	0.083	ug/L	#	47
42) Toluene	8.01	91	24789	0.303	ug/L		99
47) Tetrachloroethene	8.58	164	44305	2.672	ug/L		92

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102219\
Data File : VU035388.D
Acq On : 23 Oct 2019 01:25
Operator : JC/SP
Sample : K5461-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Oct 23 08:08:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 23 08:02:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
48) 2-Hexanone	8.74	43	9518	1.070 ug/L #	82
49) Dibromochloromethane	8.58	129	37619	2.127 ug/L #	11
53) m,p-Xylene	9.72	106	6775	0.193 ug/L	95
54) o-Xylene	10.13	106	2680	0.078 ug/L	81
59) 1,2,3-Trichloropropane	11.84	75	10209	0.780 ug/L	94

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102219\
Data File : VU035388.D
Acq On : 23 Oct 2019 01:25
Operator : JC/SP
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Instrument :
MSVOA_U
ClientSampleId :

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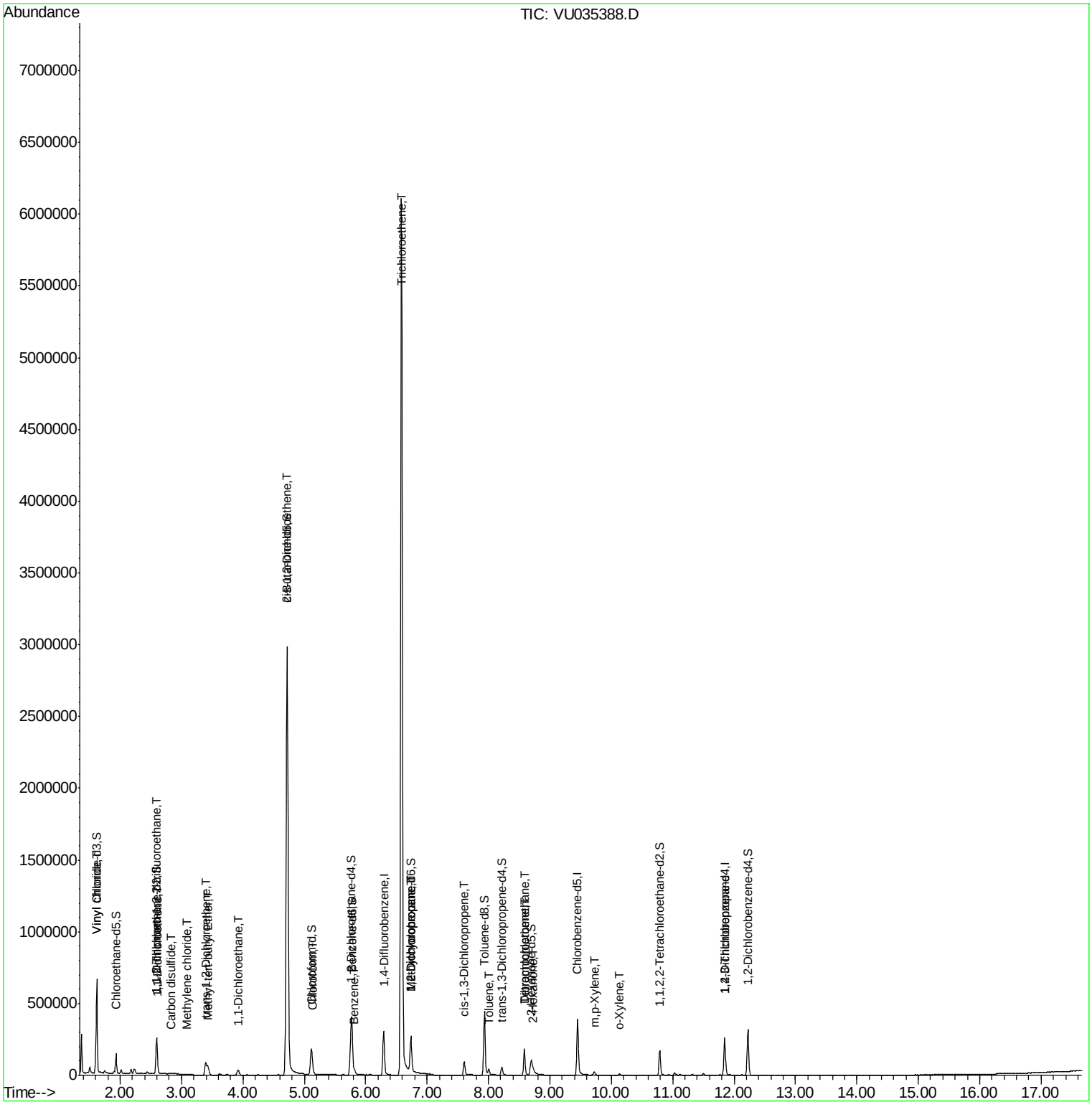
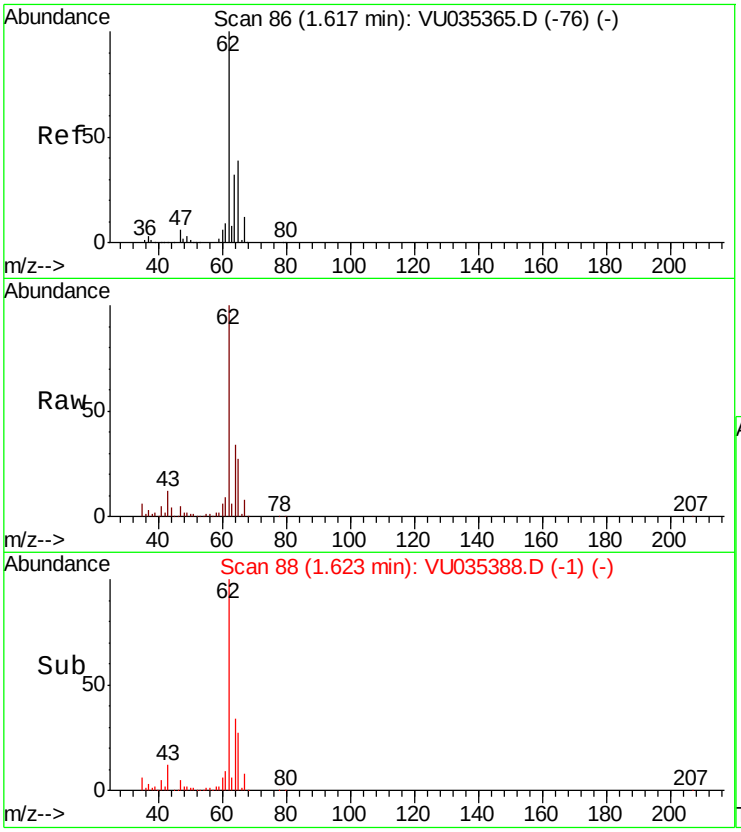
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 23 08:02:08 2019
Response via : Initial Calibration



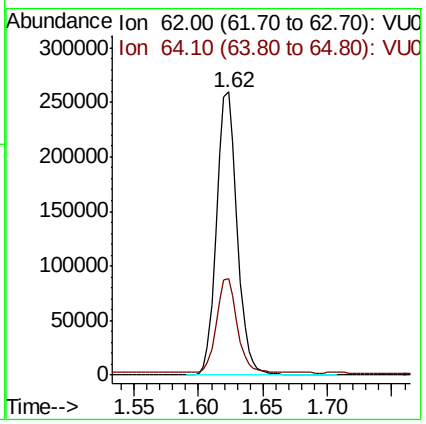


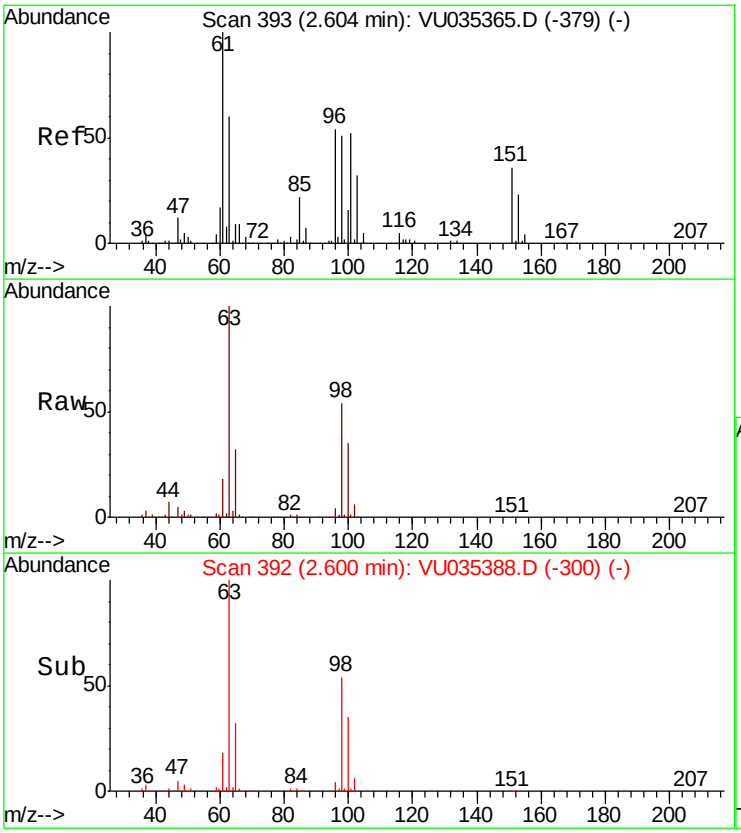
#5
Vinyl chloride
Concen: 13.312 ug/L
RT: 1.62 min Scan# 88
Delta R.T. 0.01 min
Lab File: VU035388.D
Acq: 23 Oct 2019 01:25

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 288659

Ion	Ratio	Lower	Upper
62	100		
64	34.0	22.9	42.5

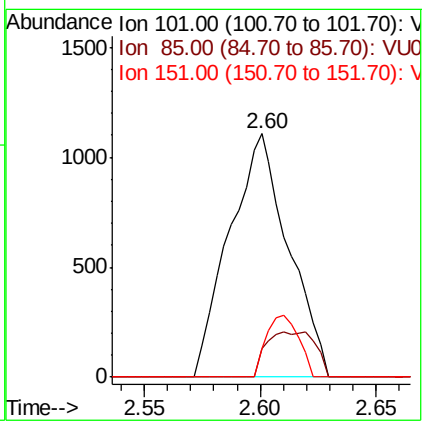


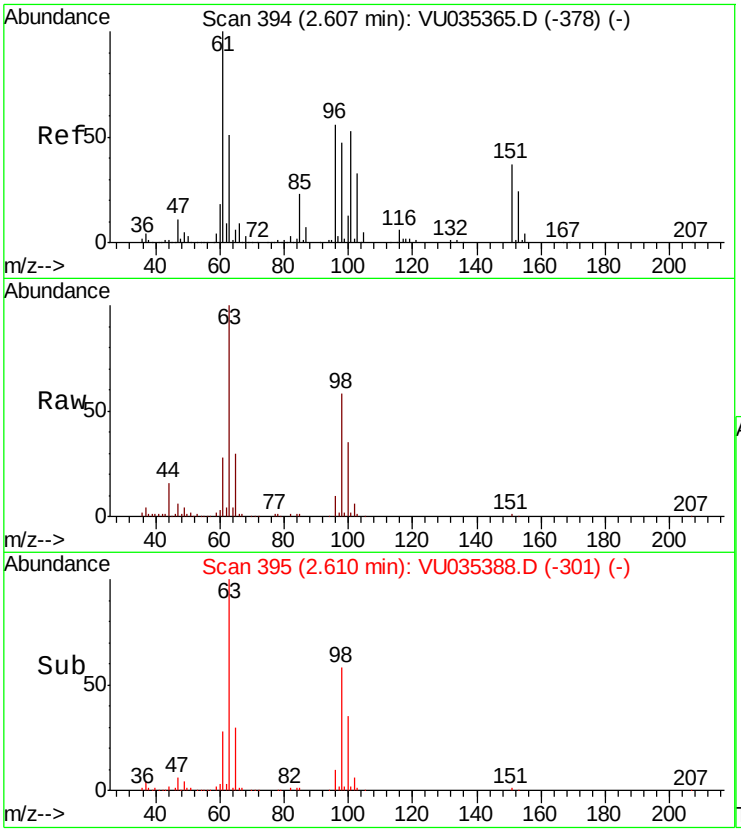


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.118 ug/L
RT: 2.60 min Scan# 392
Delta R.T. -0.00 min
Lab File: VU035388.D
Acq: 23 Oct 2019 01:25

Tgt Ion:101 Resp: 1964

Ion	Ratio	Lower	Upper
101	100		
85	15.5	33.9	50.9#
151	14.0	61.0	91.4#



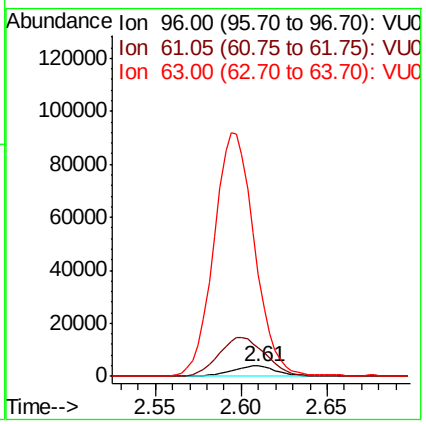


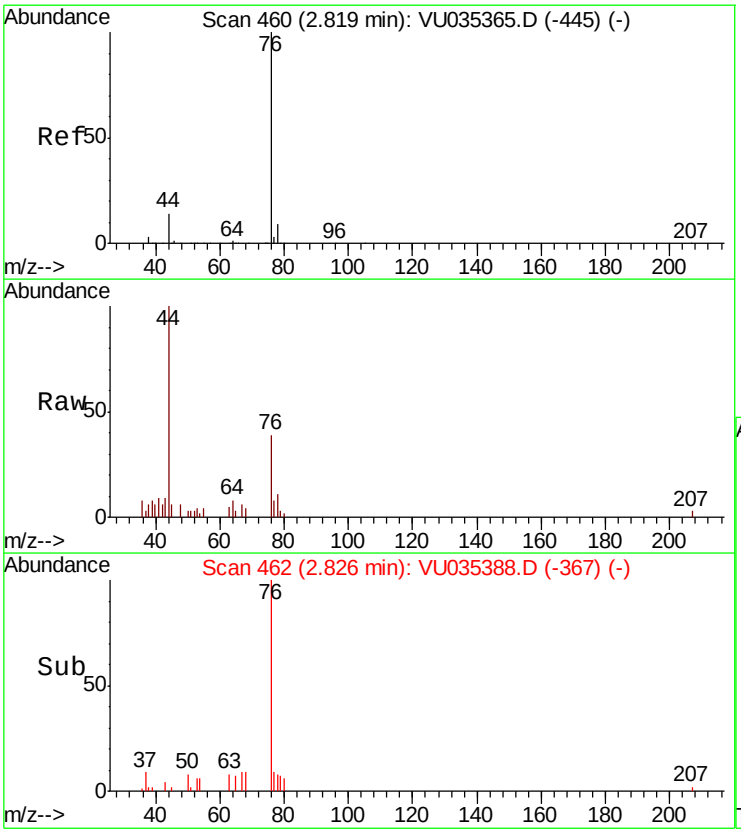
#12
1,1-Dichloroethene
Concen: 0.437 ug/L
RT: 2.61 min Scan# 395
Delta R.T. 0.00 min
Lab File: VU035388.D
Acq: 23 Oct 2019 01:25

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 7029

Ion	Ratio	Lower	Upper
96	100		
61	274.0	120.6	224.0#
63	989.9	86.8	161.2#

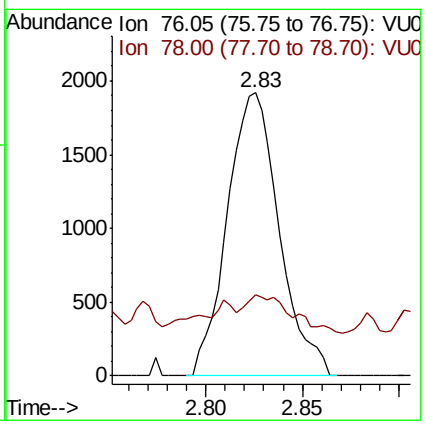


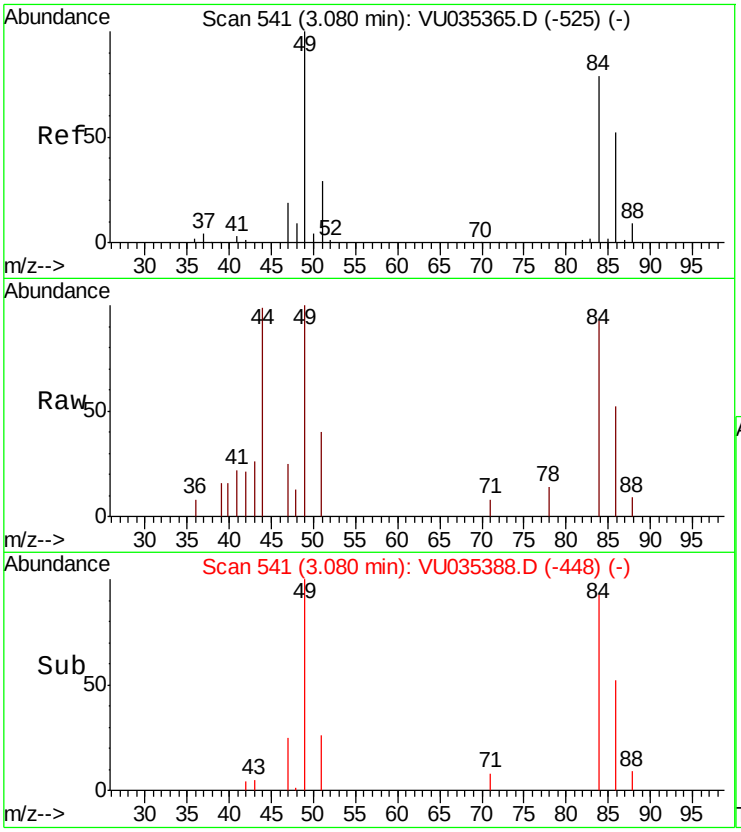


#14
Carbon disulfide
Concen: 0.070 ug/L
RT: 2.83 min Scan# 462
Delta R.T. 0.01 min
Lab File: VU035388.D
Acq: 23 Oct 2019 01:25

Tgt Ion: 76 Resp: 3579

Ion	Ratio	Lower	Upper
76	100		
78	28.6	7.6	11.4#



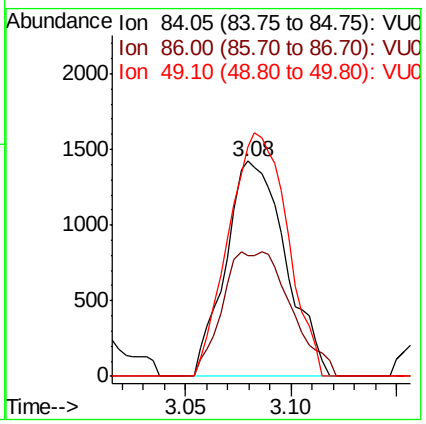


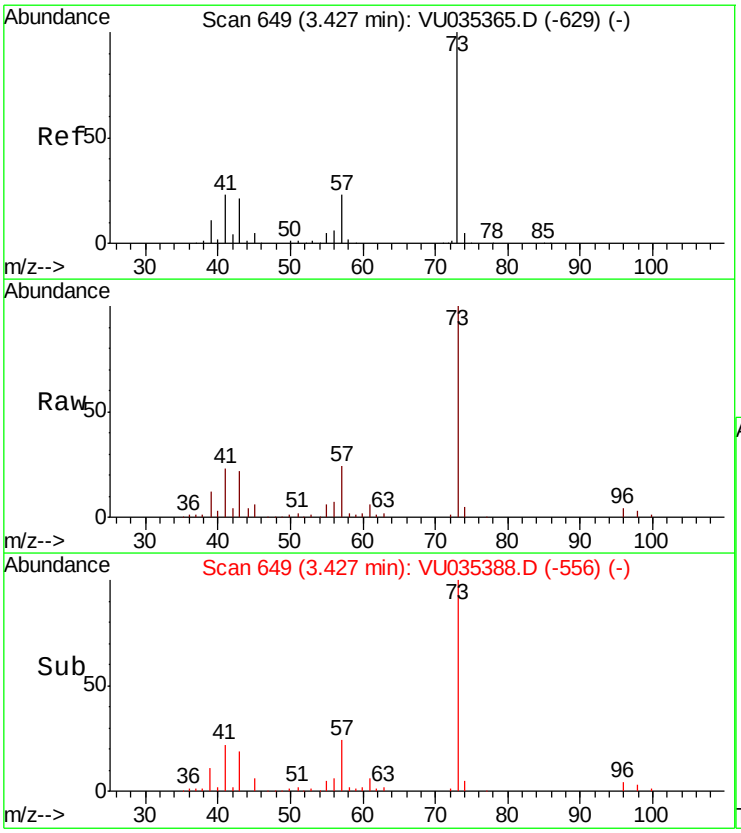
#16
Methylene chloride
Concen: 0.145 ug/L
RT: 3.08 min Scan# 541
Delta R.T. -0.00 min
Lab File: VU035388.D
Acq: 23 Oct 2019 01:25

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 84 Resp: 2807

Ion	Ratio	Lower	Upper
84	100		
86	56.1	45.4	84.2
49	107.0	86.8	161.2

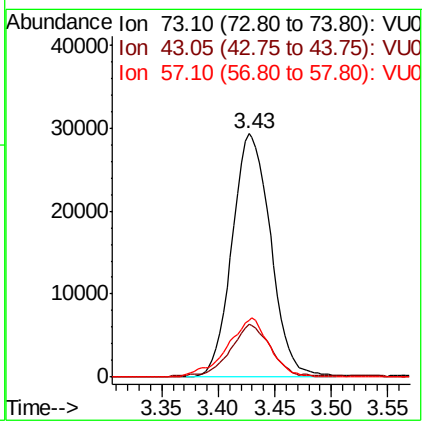


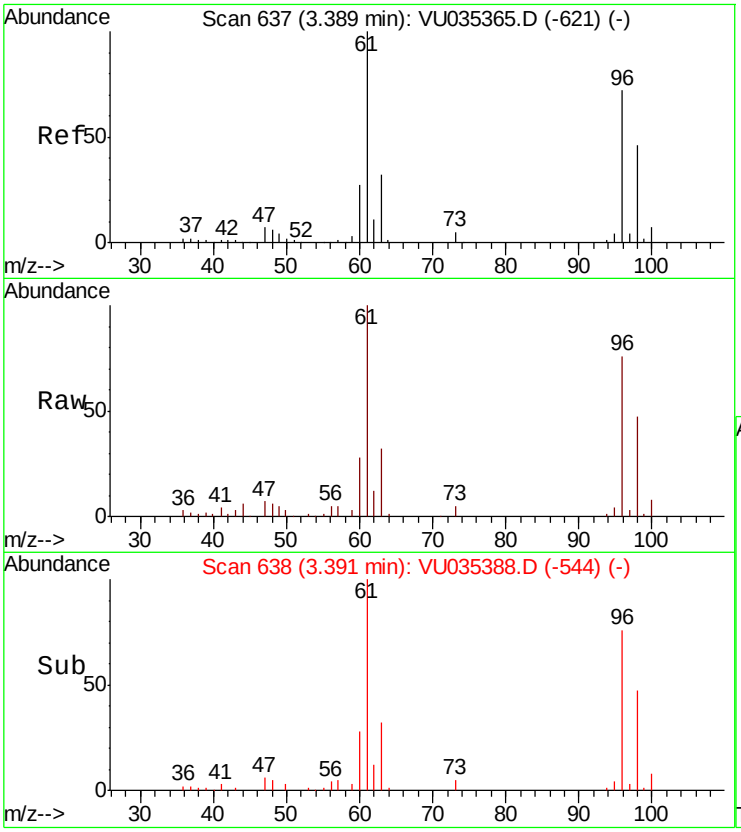


#17
Methyl tert-butyl Ether
Concen: 1.614 ug/L
RT: 3.43 min Scan# 649
Delta R.T. -0.00 min
Lab File: VU035388.D
Acq: 23 Oct 2019 01:25

Tgt Ion: 73 Resp: 69804

Ion	Ratio	Lower	Upper
73	100		
43	23.3	16.0	24.0
57	26.6	17.4	26.2#



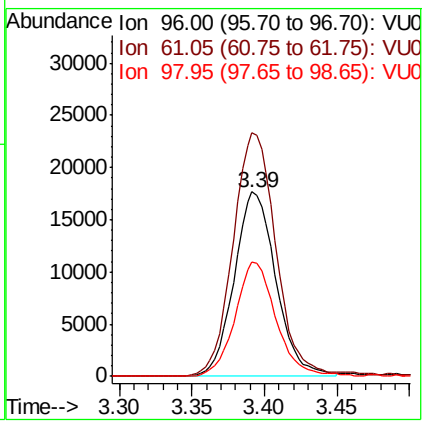


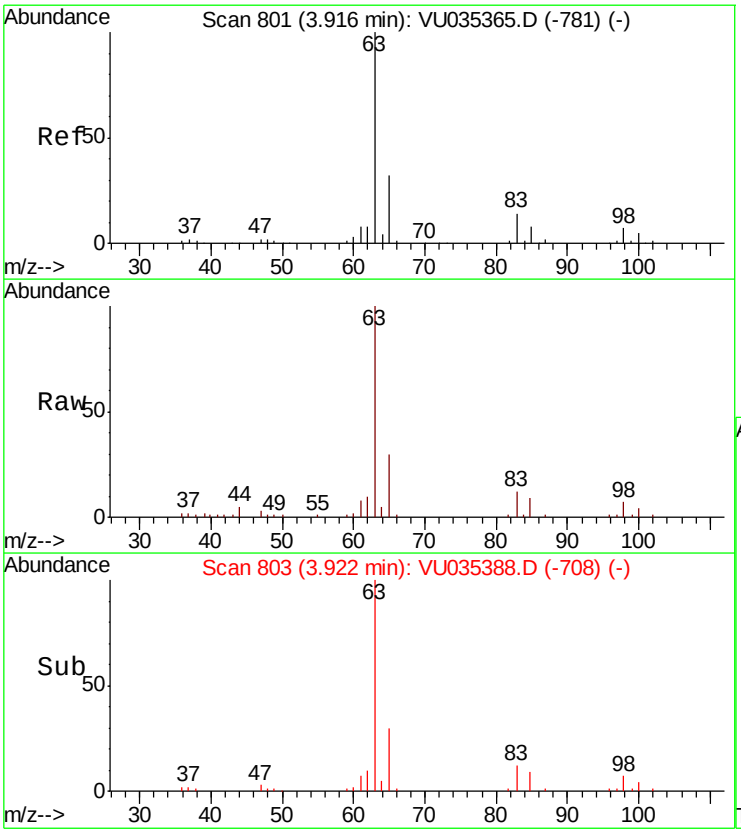
#18
trans-1,2-Dichloroethene
Concen: 2.035 ug/L
RT: 3.39 min Scan# 638
Delta R.T. 0.00 min
Lab File: VU035388.D
Acq: 23 Oct 2019 01:25

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 35280

Ion	Ratio	Lower	Upper
96	100		
61	132.0	93.0	172.6
98	61.9	43.7	81.1

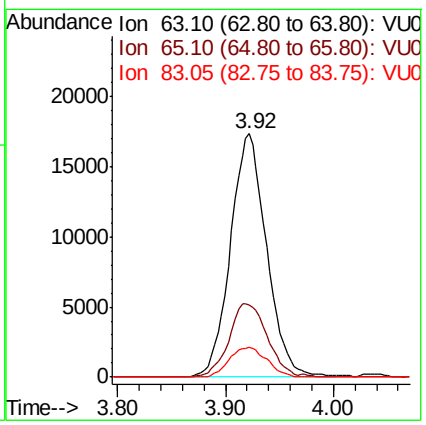


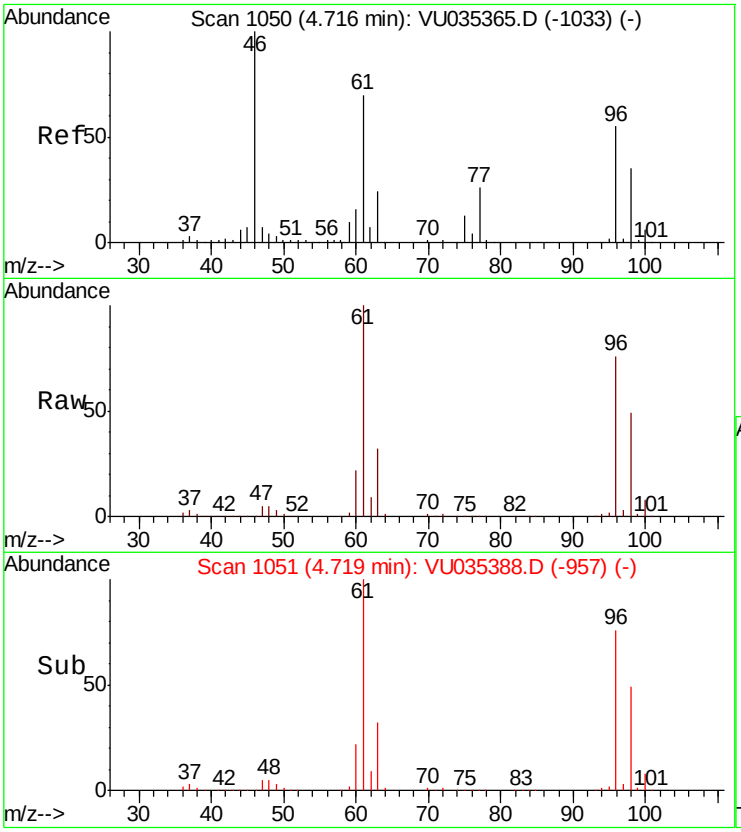


#19
1,1-Dichloroethane
Concen: 1.285 ug/L
RT: 3.92 min Scan# 803
Delta R.T. 0.01 min
Lab File: VU035388.D
Acq: 23 Oct 2019 01:25

Tgt Ion: 63 Resp: 40294

Ion	Ratio	Lower	Upper
63	100		
65	29.5	22.4	41.6
83	12.0	9.3	17.3



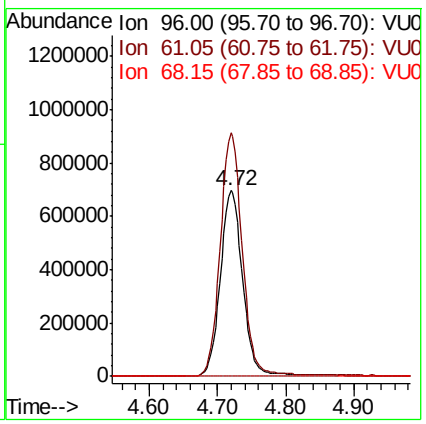


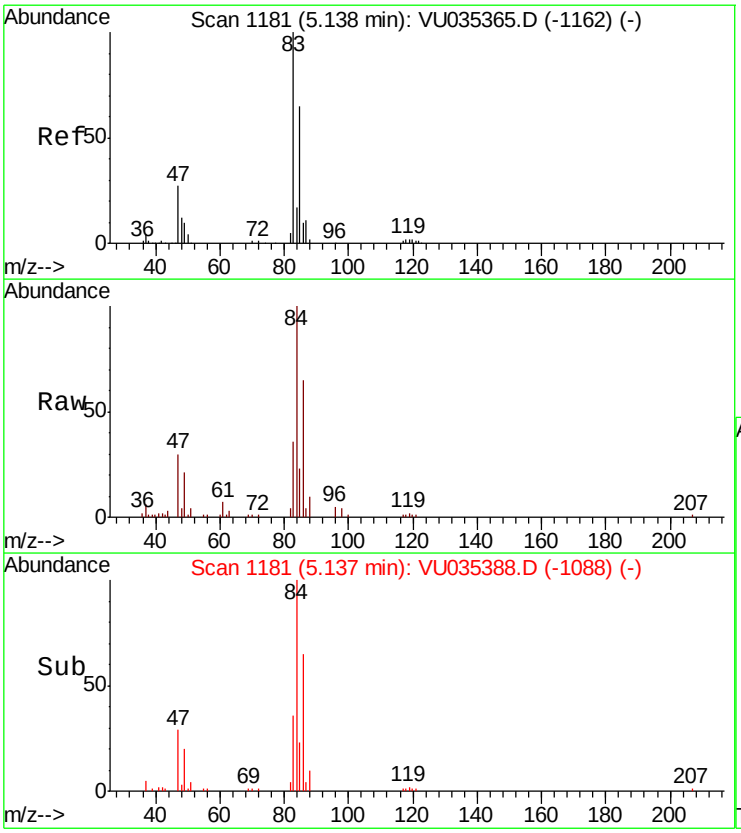
#22
cis-1,2-Dichloroethene
Concen: 83.007 ug/L
RT: 4.72 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VU035388.D
Acq: 23 Oct 2019 01:25

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 1590832

Ion	Ratio	Lower	Upper
96	100		
61	131.3	89.7	166.5
68	0.0	0.0	0.0

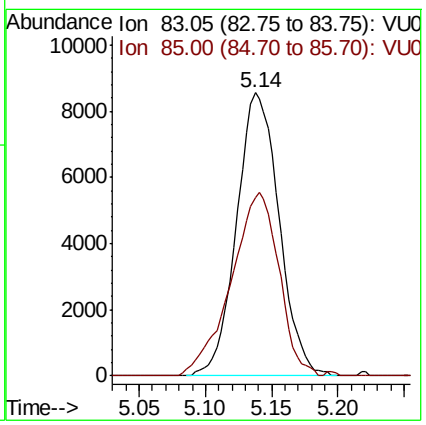


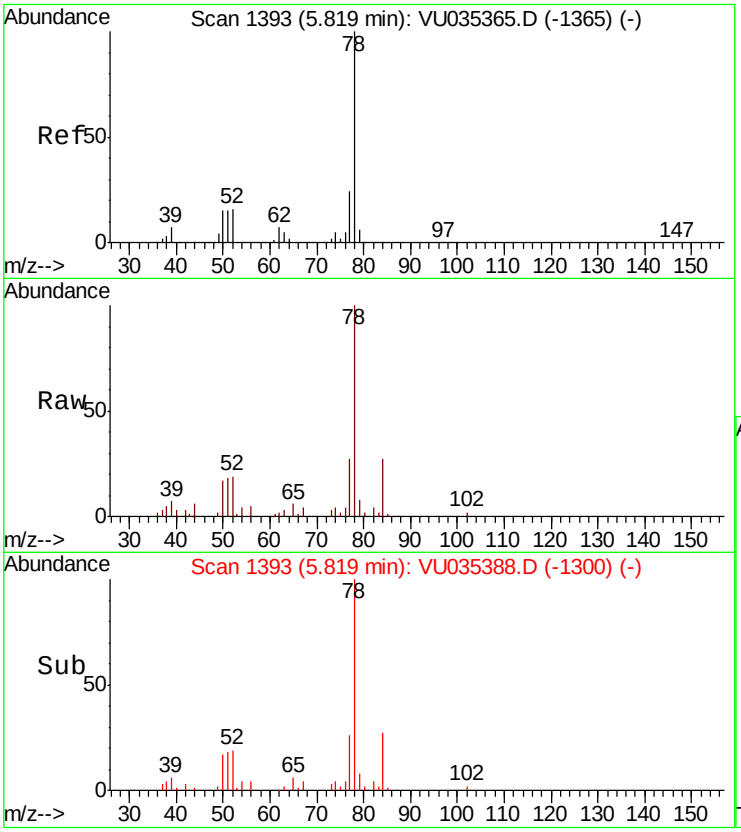


#25
Chloroform
Concen: 0.556 ug/L
RT: 5.14 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VU035388.D
Acq: 23 Oct 2019 01:25

Tgt Ion: 83 Resp: 19119

Ion	Ratio	Lower	Upper
83	100		
85	63.2	45.1	83.9

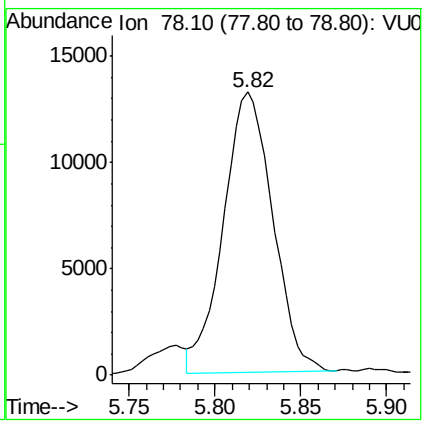


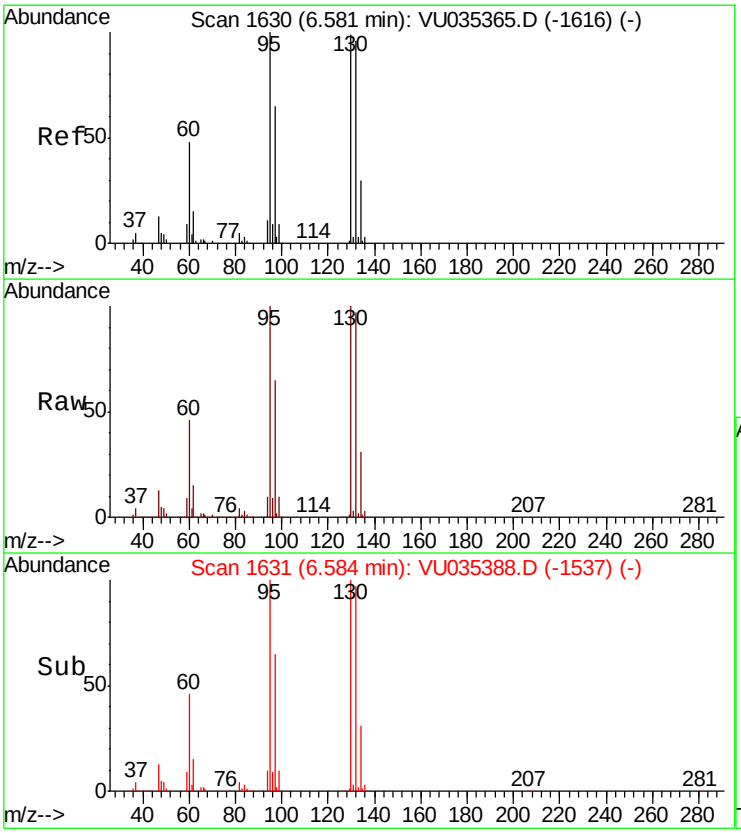


#33
Benzene
Concen: 0.355 ug/L
RT: 5.82 min Scan# 1393
Delta R.T. -0.00 min
Lab File: VU035388.D
Acq: 23 Oct 2019 01:25

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 78 Resp: 26256

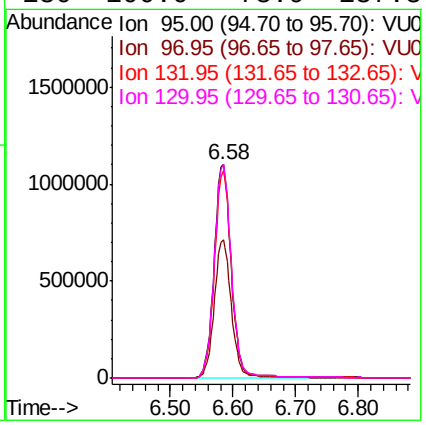


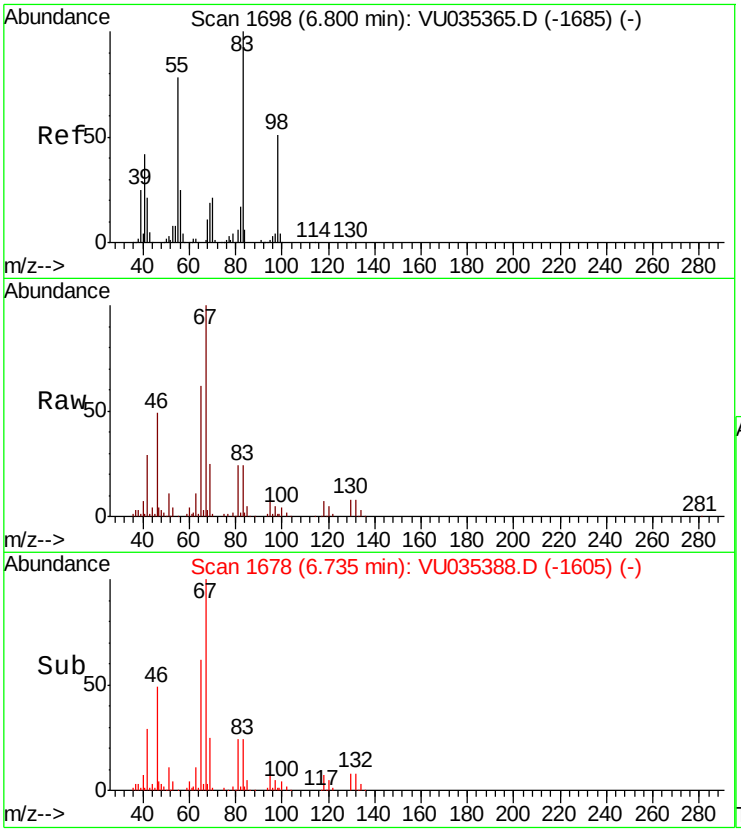


#34
Trichloroethene
Concen: 106.418 ug/L
RT: 6.58 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU035388.D
Acq: 23 Oct 2019 01:25

Tgt Ion: 95 Resp: 2117723

Ion	Ratio	Lower	Upper
95	100		
97	64.8	46.6	86.6
132	96.9	68.7	127.7
130	100.0	73.9	137.3



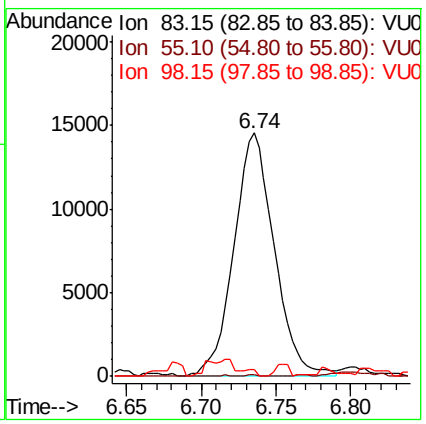


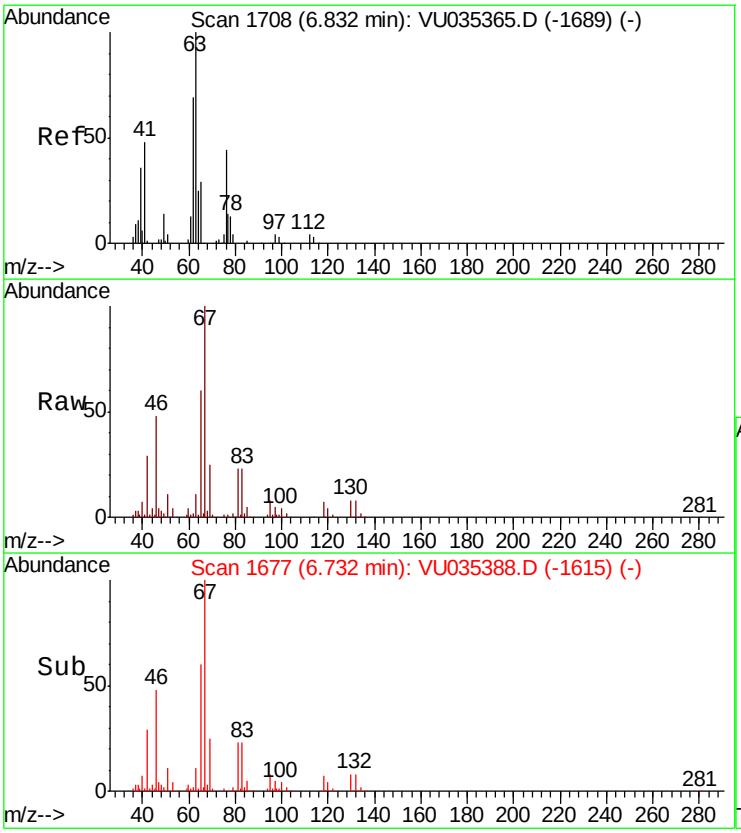
#35
Methylcyclohexane
Concen: 0.822 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035388.D
Acq: 23 Oct 2019 01:25

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 27341

Ion	Ratio	Lower	Upper
83	100		
55	0.2	60.4	90.6#
98	0.0	39.5	59.3#

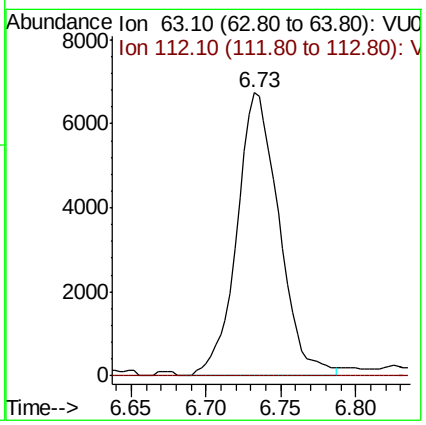


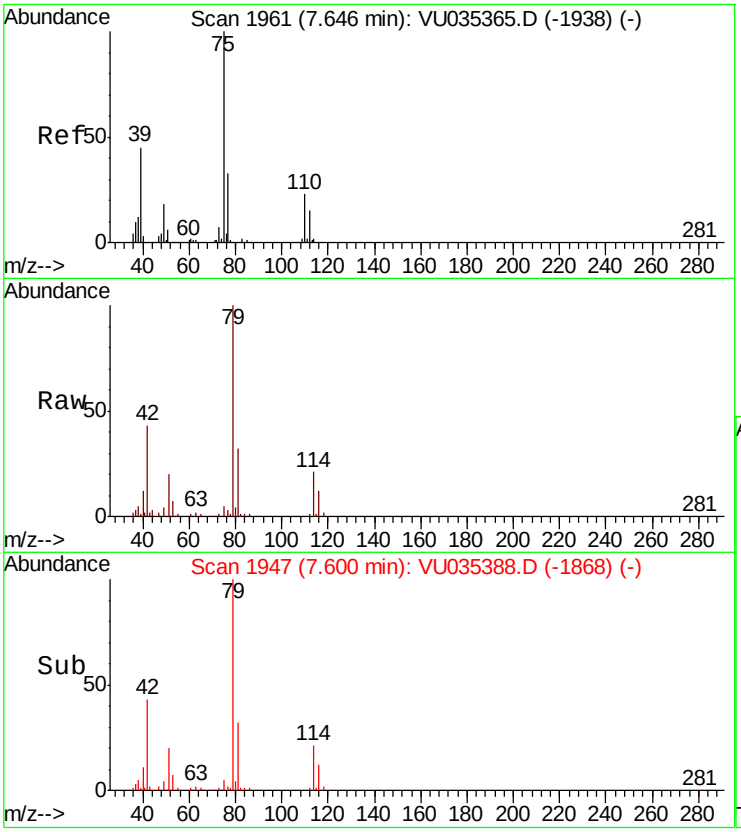


#37
1,2-Dichloropropane
Concen: 0.705 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.10 min
Lab File: VU035388.D
Acq: 23 Oct 2019 01:25

Tgt Ion: 63 Resp: 13248

Ion	Ratio	Lower	Upper
63	100		
112	1.0	3.7	5.5#



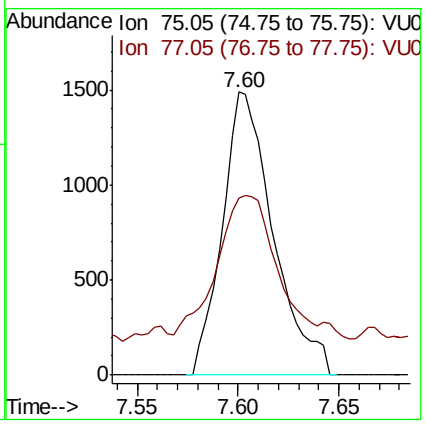


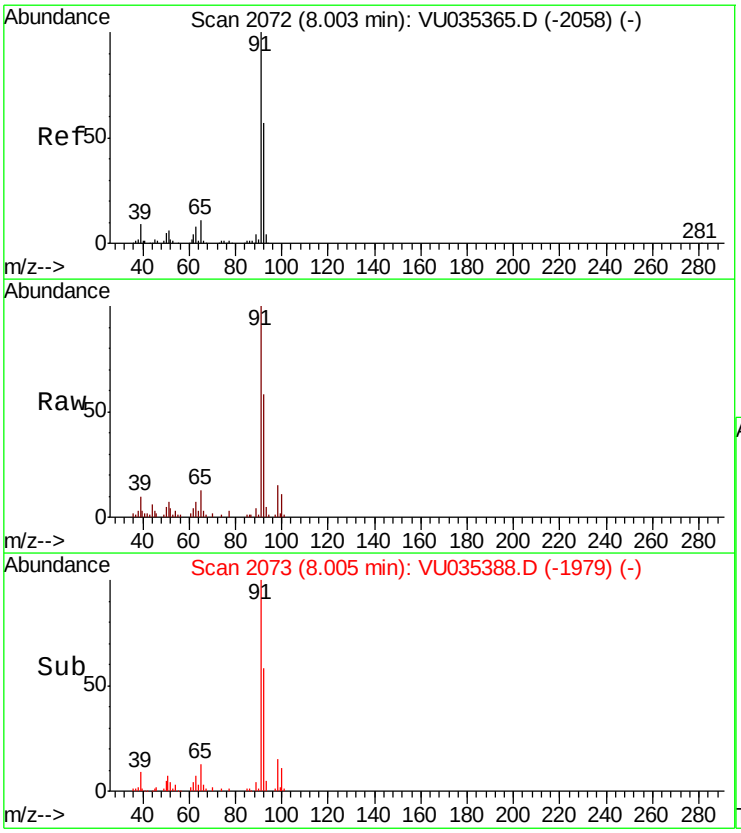
#39
cis-1,3-Dichloropropene
Concen: 0.083 ug/L
RT: 7.60 min Scan# 1947
Delta R.T. -0.05 min
Lab File: VU035388.D
Acq: 23 Oct 2019 01:25

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 2623

Ion	Ratio	Lower	Upper
75	100		
77	62.4	22.7	42.1#

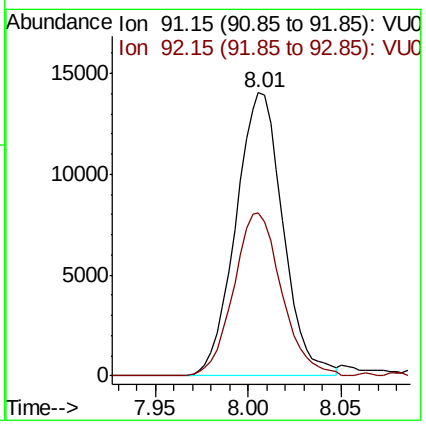


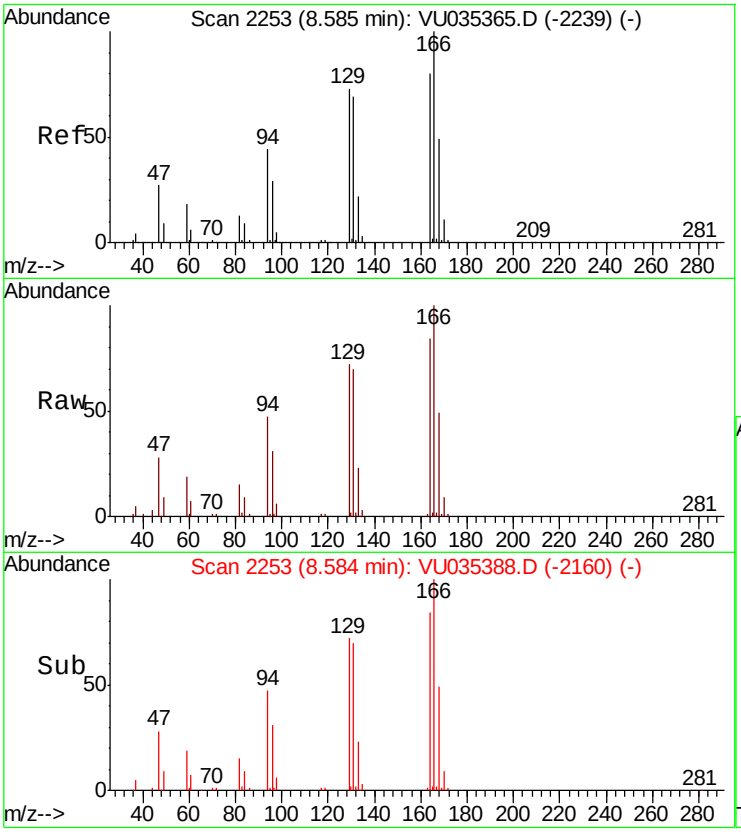


#42
Toluene
Concen: 0.303 ug/L
RT: 8.01 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VU035388.D
Acq: 23 Oct 2019 01:25

Tgt Ion: 91 Resp: 24789

Ion	Ratio	Lower	Upper
91	100		
92	57.5	39.9	74.1



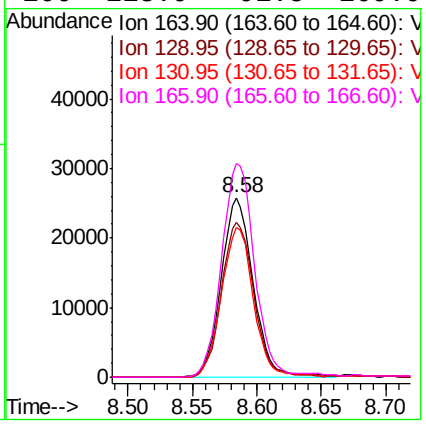


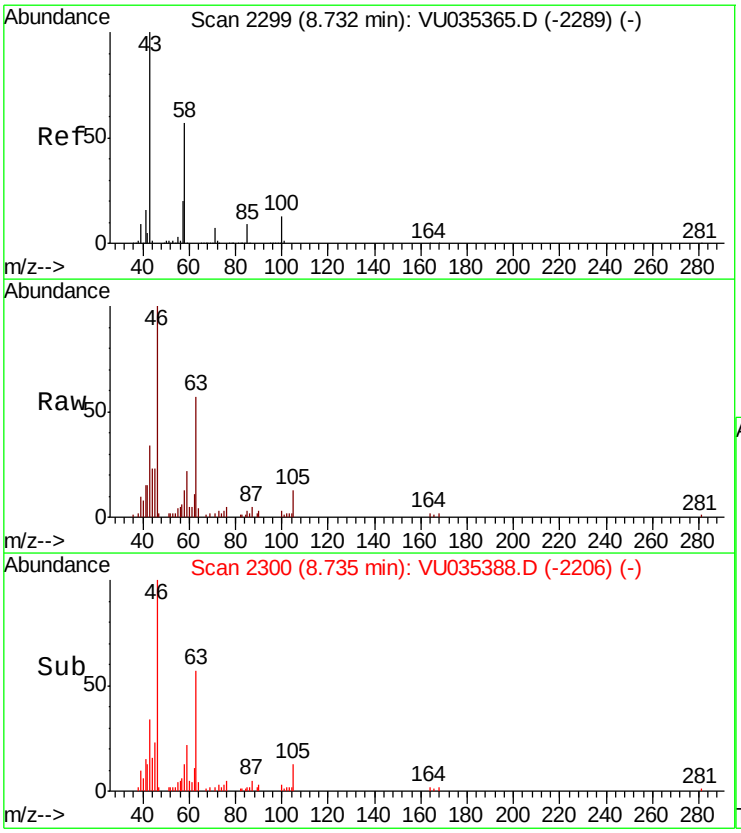
#47
Tetrachloroethene
Concen: 2.672 ug/L
RT: 8.58 min Scan# 2253
Delta R.T. -0.00 min
Lab File: VU035388.D
Acq: 23 Oct 2019 01:25

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:164 Resp: 44305

Ion	Ratio	Lower	Upper
164	100		
129	86.0	65.2	121.0
131	83.1	62.9	116.9
166	118.9	91.5	169.9

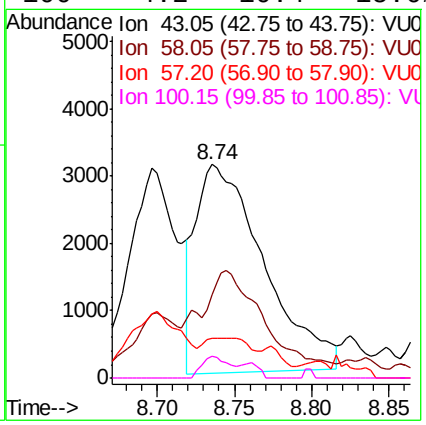


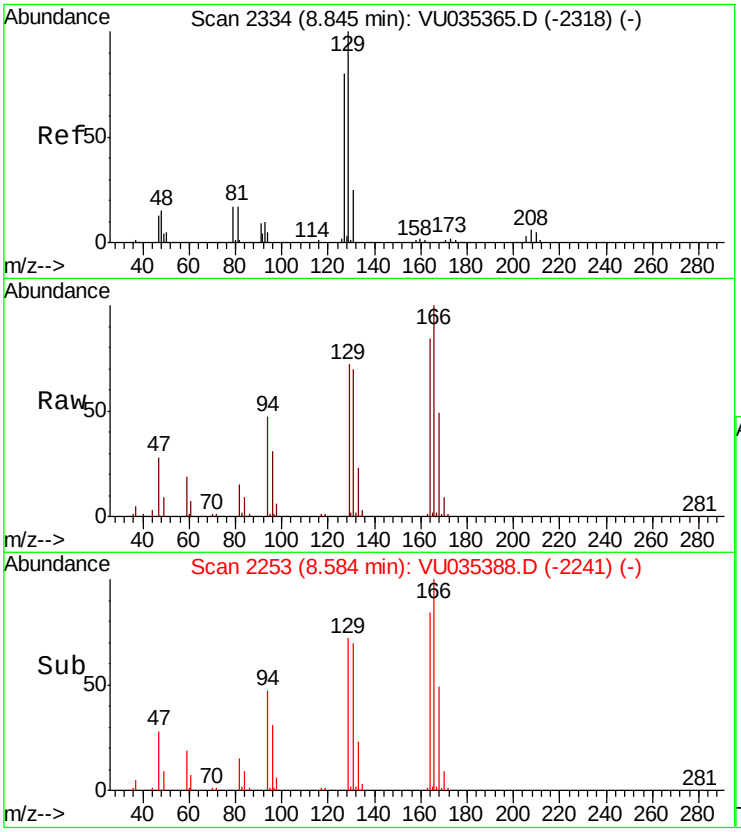


#48
2-Hexanone
Concen: 1.070 ug/L
RT: 8.74 min Scan# 2300
Delta R.T. 0.00 min
Lab File: VU035388.D
Acq: 23 Oct 2019 01:25

Tgt Ion: 43 Resp: 9518

Ion	Ratio	Lower	Upper
43	100		
58	43.3	45.1	67.7#
57	13.2	16.0	24.0#
100	4.2	10.4	15.6#



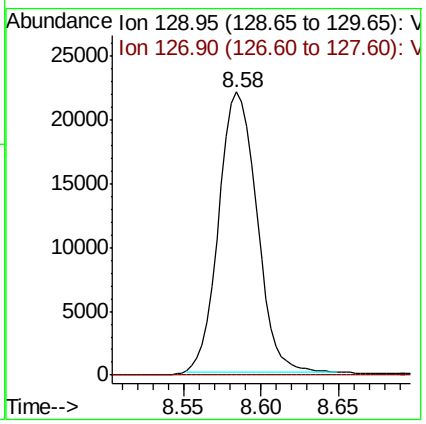


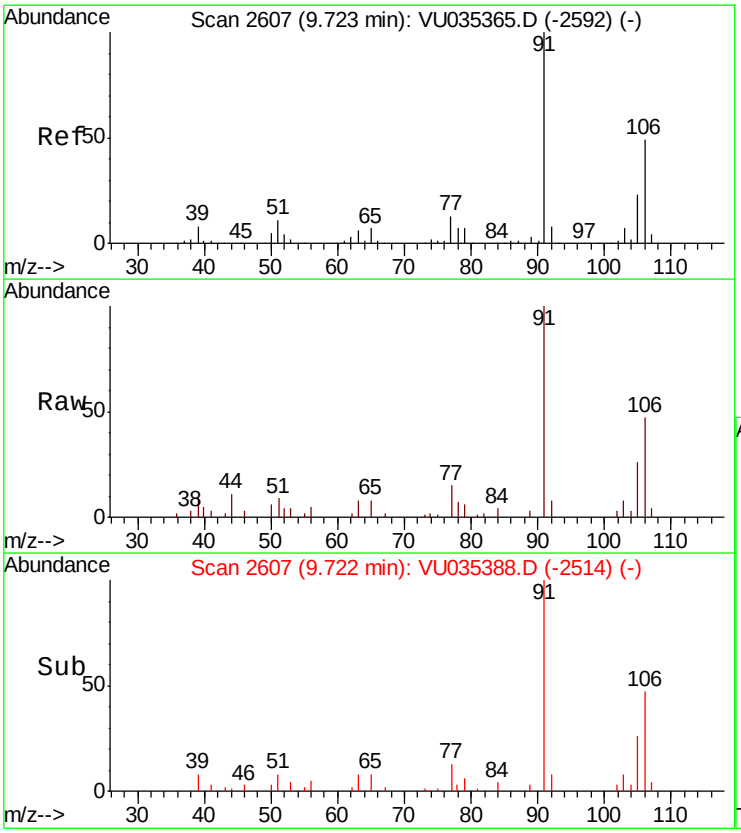
#49
Dibromochloromethane
Concen: 2.127 ug/L
RT: 8.58 min Scan# 2253
Delta R.T. -0.26 min
Lab File: VU035388.D
Acq: 23 Oct 2019 01:25

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion:129 Resp: 37619

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.8	99.8#

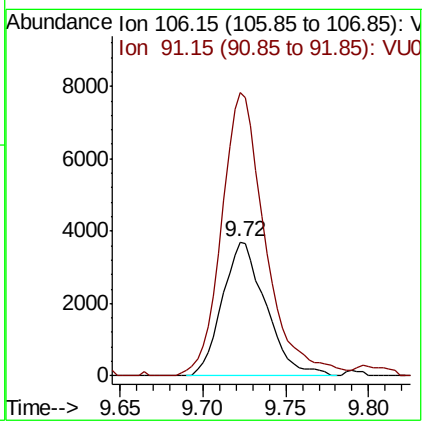


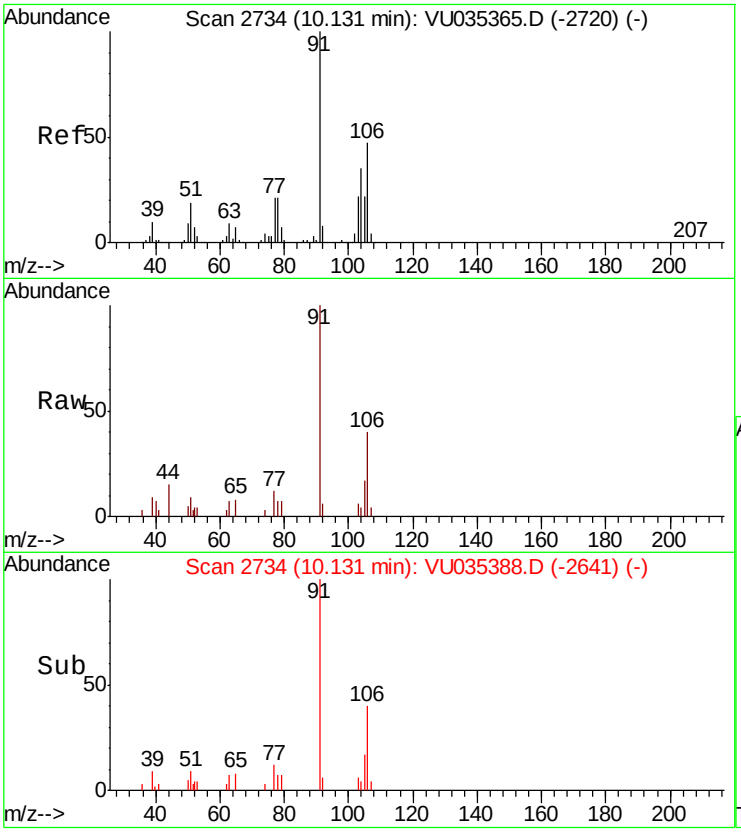


#53
m,p-Xylene
Concen: 0.193 ug/L
RT: 9.72 min Scan# 2607
Delta R.T. -0.00 min
Lab File: VU035388.D
Acq: 23 Oct 2019 01:25

Tgt Ion:106 Resp: 6775

Ion	Ratio	Lower	Upper
106	100		
91	210.9	142.0	263.6



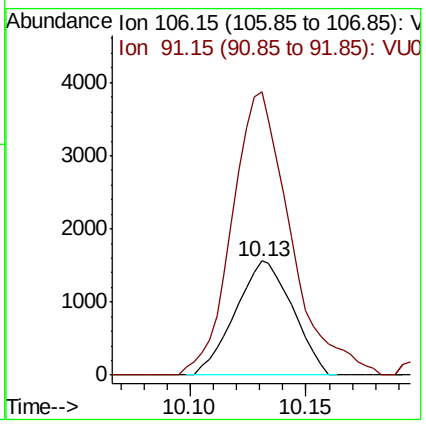


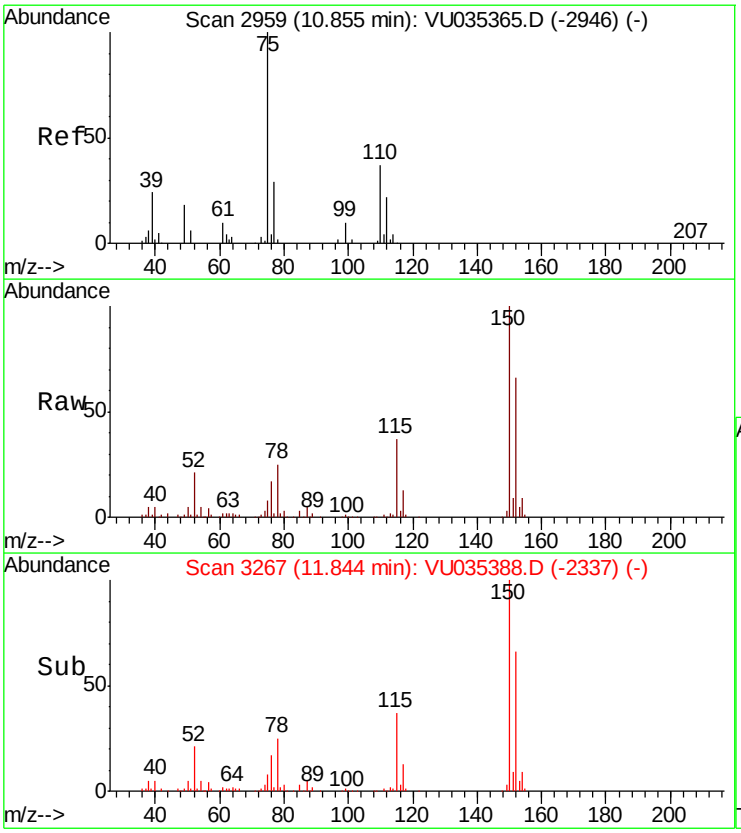
#54
o-Xylene
Concen: 0.078 ug/L
RT: 10.13 min Scan# 2734
Delta R.T. -0.00 min
Lab File: VU035388.D
Acq: 23 Oct 2019 01:25

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:106 Resp: 2680

Ion	Ratio	Lower	Upper
106	100		
91	248.7	153.2	284.6





#59
1,2,3-Trichloropropane
Concen: 0.780 ug/L
RT: 11.84 min Scan# 3267
Delta R.T. 0.99 min
Lab File: VU035388.D
Acq: 23 Oct 2019 01:25

Tgt Ion: 75 Resp: 10209

Ion	Ratio	Lower	Upper
75	100		
77	36.3	26.2	39.2