Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052319\
Data File : VU032264.D
Acq On : 23 May 2019 13:11
Operator : JC/SP
Sample : K3001-04MS
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : E3YF0MS

Quant Time: May 24 02:29:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 24 01:34:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	362652	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	380591	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	154889	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	92809	4.56	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 91.20%			
7) Chloroethane-d5	1.68	69	92830	4.89	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.80%			
11) 1,1-Dichloroethene-d2	2.27	63	187871	5.01	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 100.20%			
20) 2-Butanone-d5	4.19	46	283649	49.37	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 98.74%			
24) Chloroform-d	4.64	84	252132	4.85	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.00%			
26) 1,2-Dichloroethane-d4	5.31	65	137248	4.98	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.60%			
32) Benzene-d6	5.33	84	487824	4.52	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.40%			
36) 1,2-Dichloropropane-d6	6.33	67	163403	4.66	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.20%			
41) Toluene-d8	7.56	98	442957	4.22	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.40%			
43) trans-1,3-Dichloropropene-	7.85	79	60020	4.45	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.00%			
46) 2-Hexanone-d5	8.31	63	236806	46.67	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 93.34%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	166615	4.78	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.60%			
64) 1,2-Dichlorobenzene-d4	11.86	152	204983	4.80	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.00%			
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.88	101	6744	0.331	ug/L	97
12) 1,1-Dichloroethene	2.28	96	87502	6.780	ug/L	84
13) Acetone	2.32	43	14255	8.009	ug/L	99
18) trans-1,2-Dichloroethene	2.97	96	4169	0.301	ug/L	95
19) 1,1-Dichloroethane	3.44	63	159874	7.473	ug/L	96
22) cis-1,2-Dichloroethene	4.23	96	23503	1.738	ug/L	87
29) 1,1,1-Trichloroethane	4.91	97	128617	6.511	ug/L	98
33) Benzene	5.38	78	307089	5.965	ug/L	100
34) Trichloroethene	6.18	95	106673	7.720	ug/L	96
38) Bromodichloromethane	6.76	83	5100	0.317	ug/L	85
42) Toluene	7.63	91	318646	5.825	ug/L	96
47) Tetrachloroethene	8.23	164	8167	0.716	ug/L	85
51) Chlorobenzene	9.12	112	216944	6.197	ug/L	97
52) Ethylbenzene	9.25	91	7831	0.142	ug/L	91
53) m,p-Xylene	9.37	106	15763	0.770	ug/L	88
54) o-Xylene	9.78	106	9153	0.447	ug/L	86

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052319\
Data File : VU032264.D
Acq On : 23 May 2019 13:11
Operator : JC/SP
Sample : K3001-04MS
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : E3YF0MS

Quant Time: May 24 02:29:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 24 01:34:27 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 (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052319\
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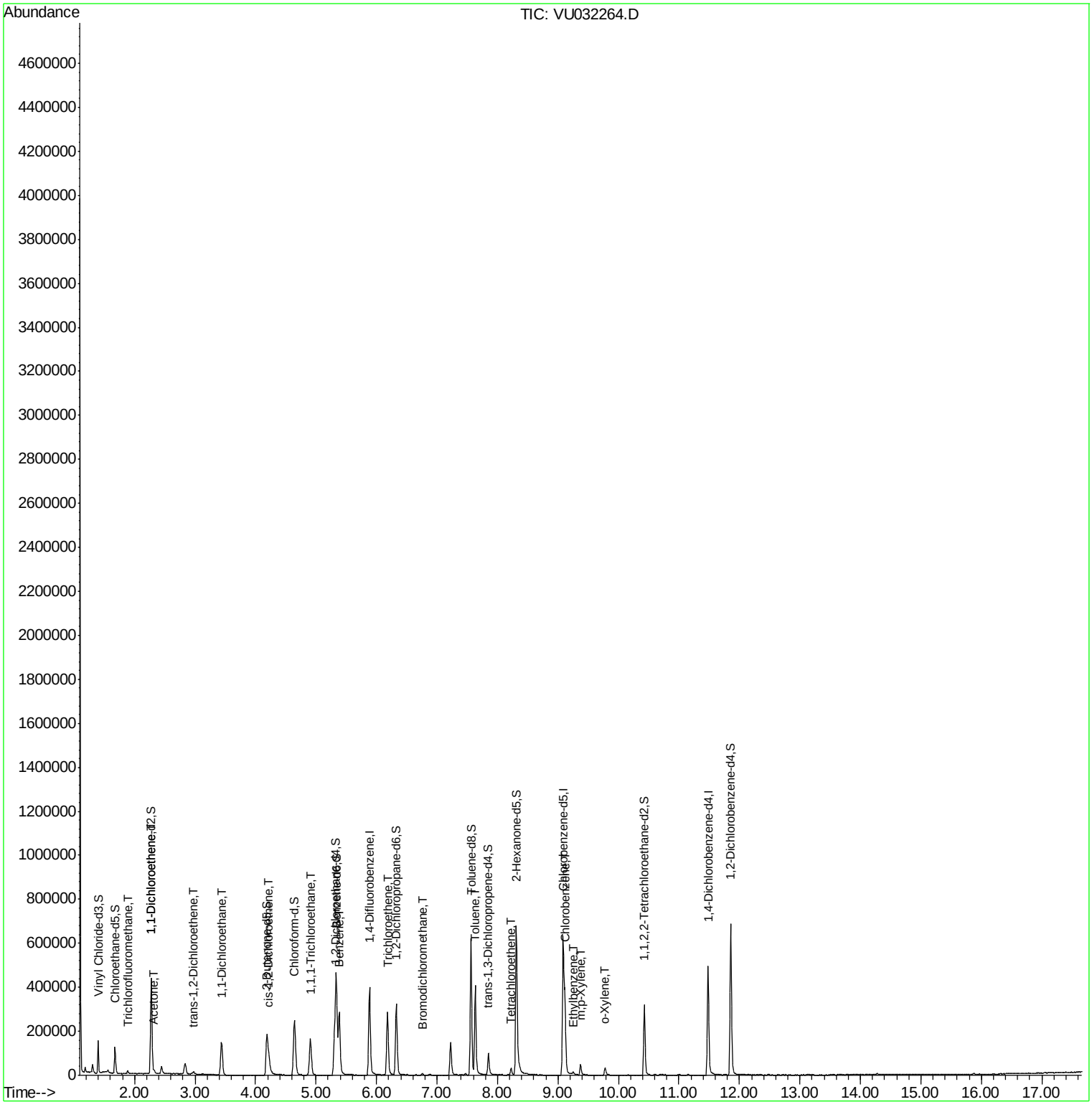
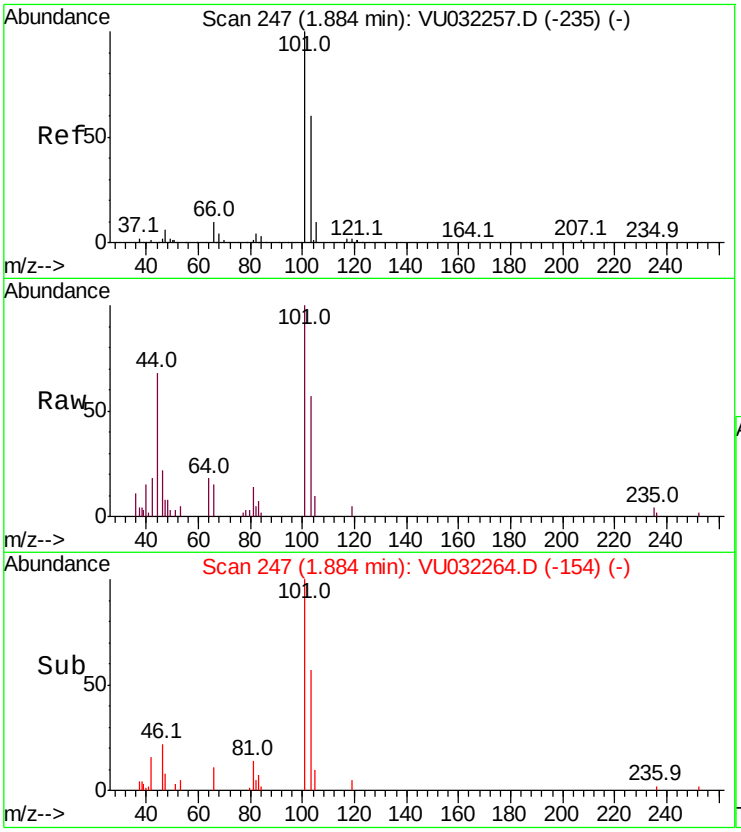
Response via : Initial Calibration



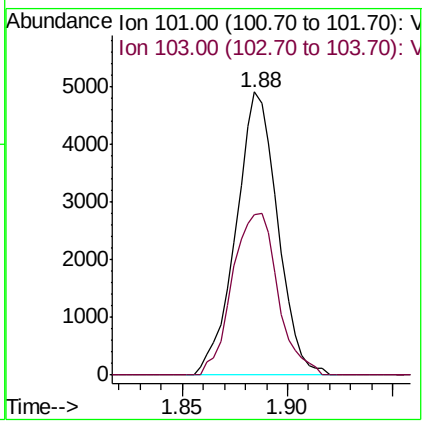


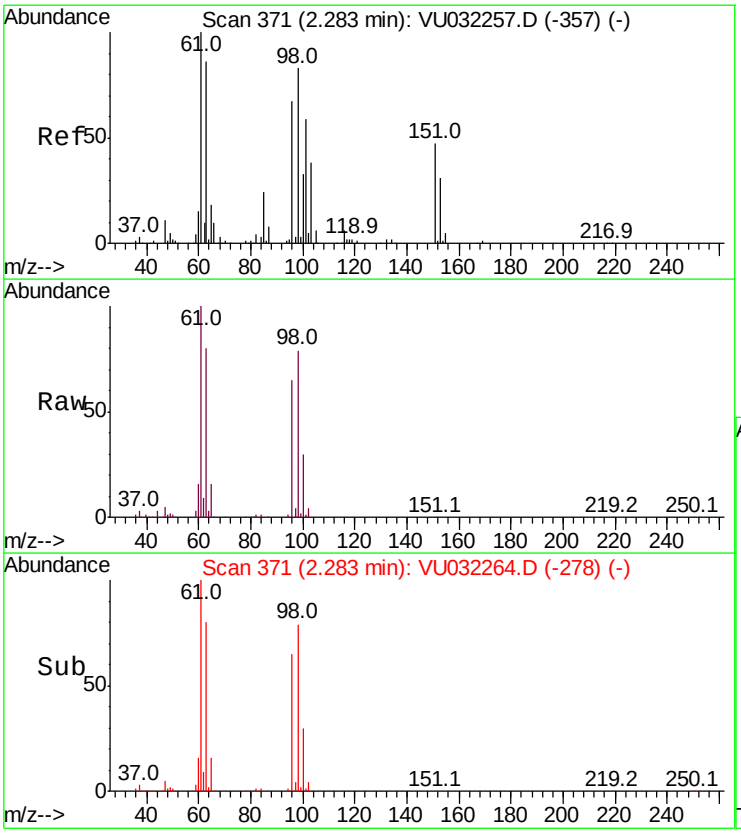
#9
Trichlorofluoromethane
Concen: 0.331 ug/L
RT: 1.88 min Scan# 247
Delta R.T. 0.00 min
Lab File: VU032264.D
Acq: 23 May 2019 13:11

Instrument : MSVOA_U
ClientSampleId : E3YF0MS

Tgt Ion:101 Resp: 6744

Ion	Ratio	Lower	Upper
101	100		
103	62.3	51.9	77.9

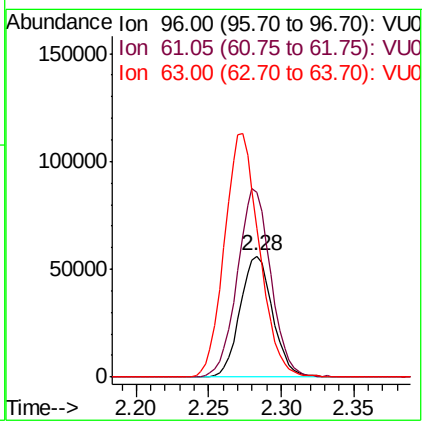


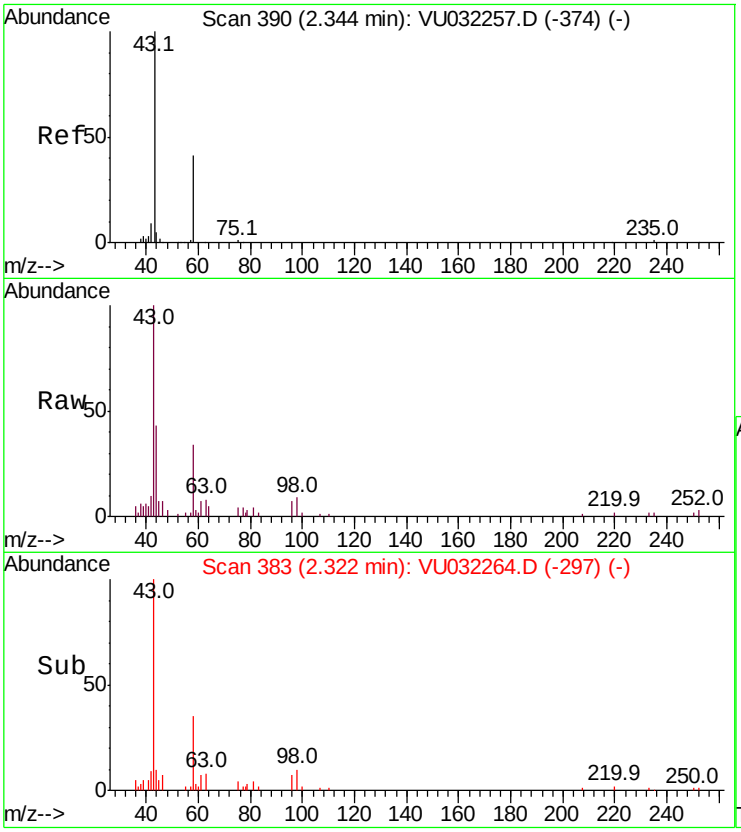


#12
1,1-Dichloroethene
Concen: 6.780 ug/L
RT: 2.28 min Scan# 371
Delta R.T. 0.00 min
Lab File: VU032264.D
Acq: 23 May 2019 13:11

Tgt Ion: 96 Resp: 87502

Ion	Ratio	Lower	Upper
96	100		
61	152.8	113.8	211.3
63	122.4	108.8	202.2



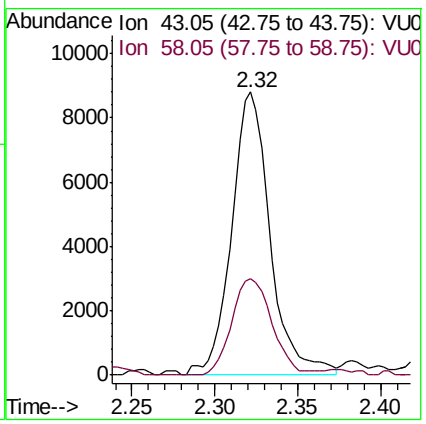


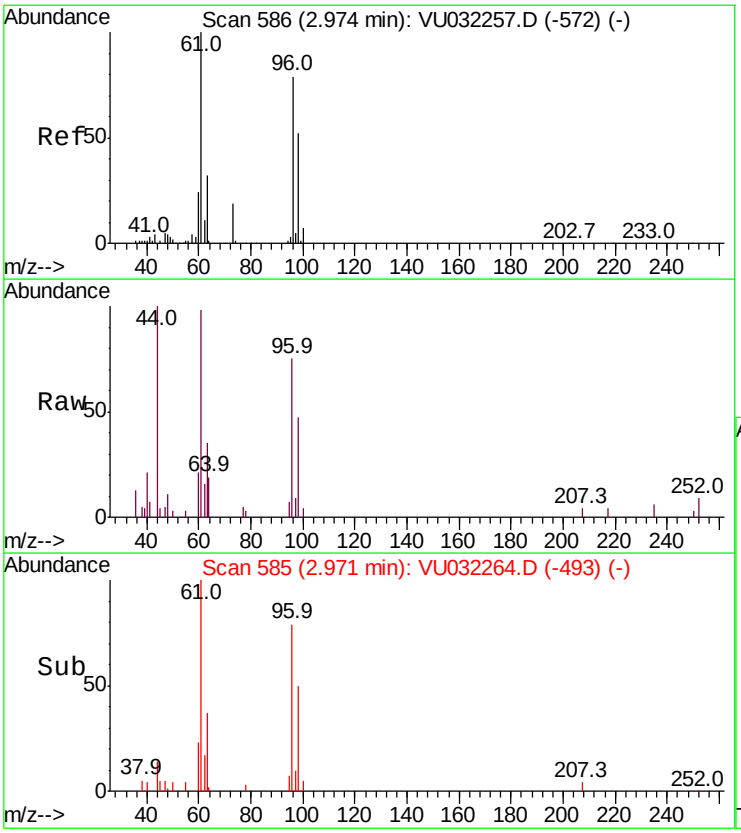
#13
Acetone
Concen: 8.009 ug/L
RT: 2.32 min Scan# 383
Delta R.T. -0.02 min
Lab File: VU032264.D
Acq: 23 May 2019 13:11

Instrument : MSVOA_U
ClientSampleId : E3YF0MS

Tgt Ion: 43 Resp: 14255

Ion	Ratio	Lower	Upper
43	100		
58	35.7	0.0	72.6

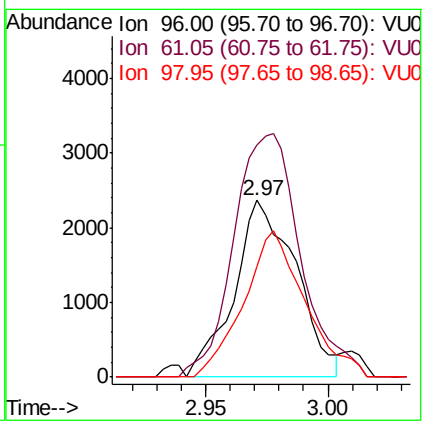


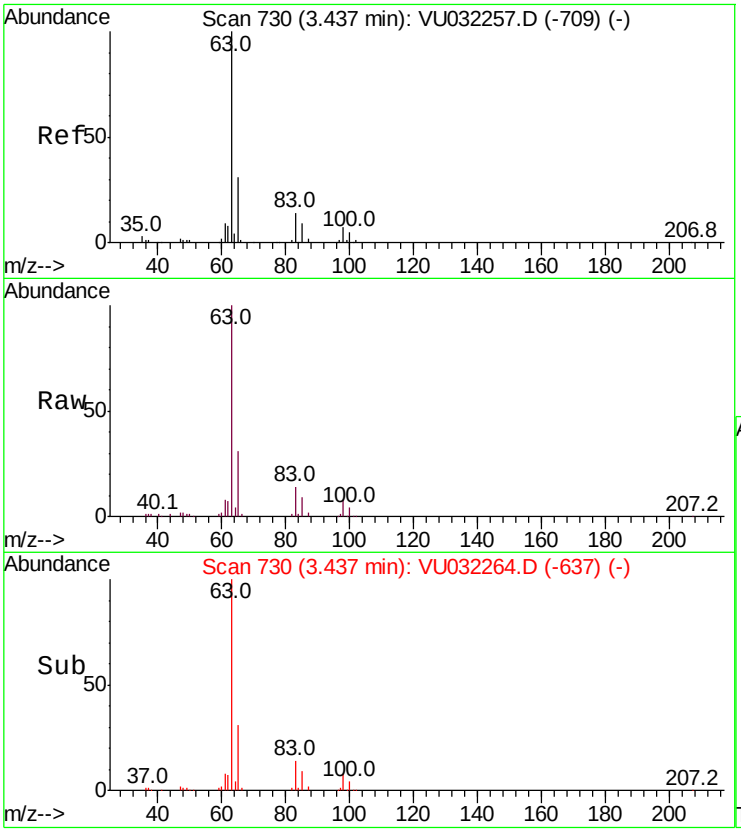


#18
trans-1,2-Dichloroethene
Concen: 0.301 ug/L
RT: 2.97 min Scan# 585
Delta R.T. -0.00 min
Lab File: VU032264.D
Acq: 23 May 2019 13:11

Tgt Ion: 96 Resp: 4169

Ion	Ratio	Lower	Upper
96	100		
61	131.4	90.6	168.3
98	62.6	49.5	91.9



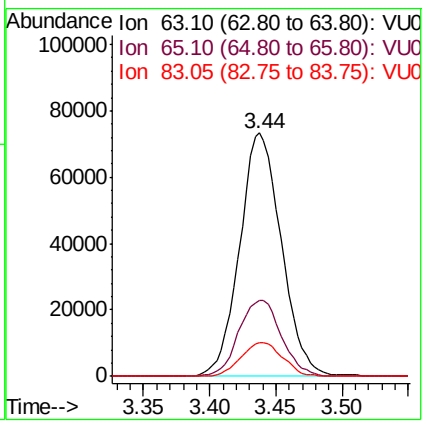


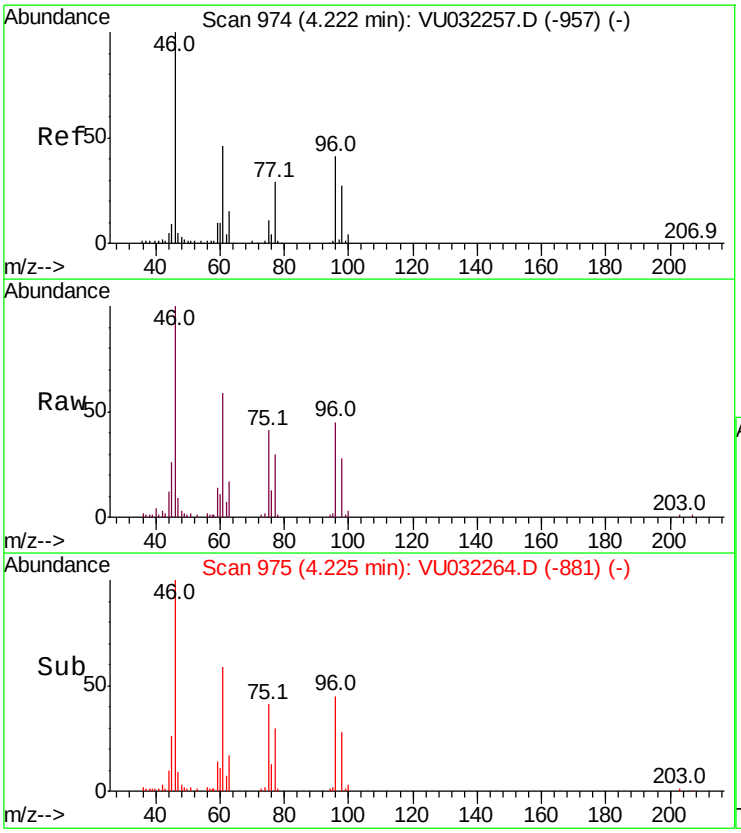
#19
1,1-Dichloroethane
Concen: 7.473 ug/L
RT: 3.44 min Scan# 730
Delta R.T. 0.00 min
Lab File: VU032264.D
Acq: 23 May 2019 13:11

Instrument :
MSVOA_U
ClientSampleId :
E3YF0MS

Tgt Ion: 63 Resp: 159874

Ion	Ratio	Lower	Upper
63	100		
65	31.2	23.5	43.7
83	14.1	8.8	16.3

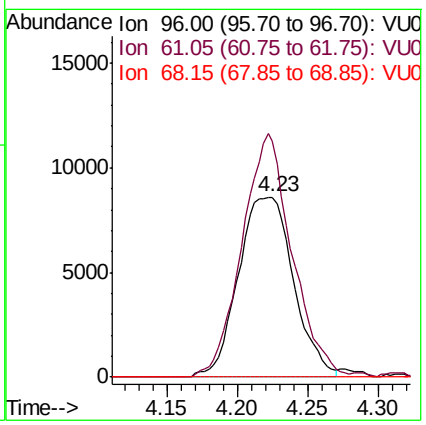


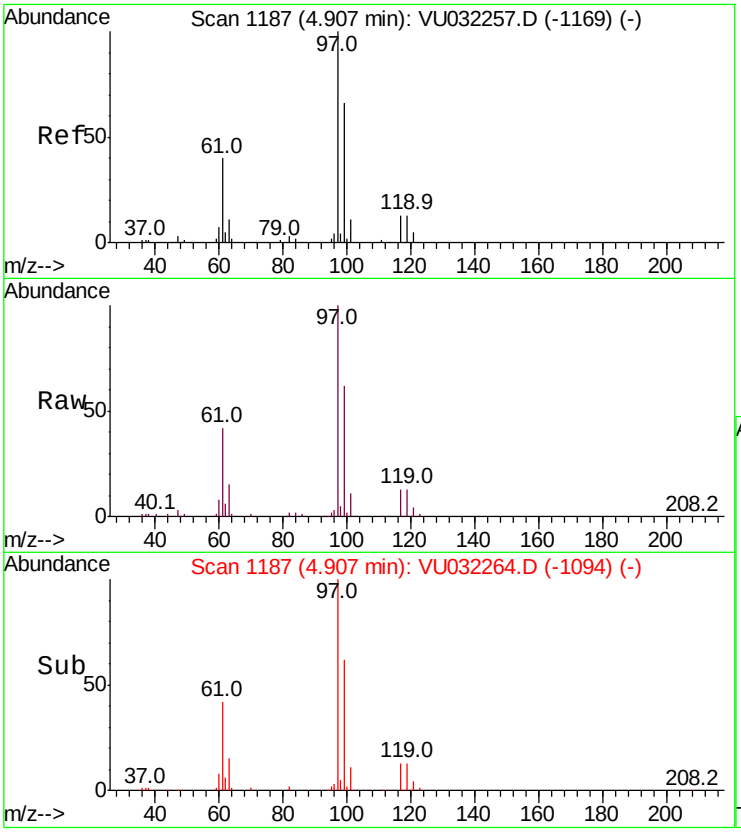


#22
cis-1,2-Dichloroethene
Concen: 1.738 ug/L
RT: 4.23 min Scan# 975
Delta R.T. 0.00 min
Lab File: VU032264.D
Acq: 23 May 2019 13:11

Tgt Ion: 96 Resp: 23503

Ion	Ratio	Lower	Upper
96	100		
61	131.7	82.5	153.1
68	0.0	0.0	0.0



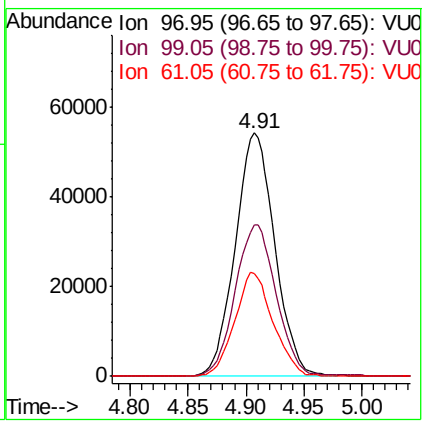


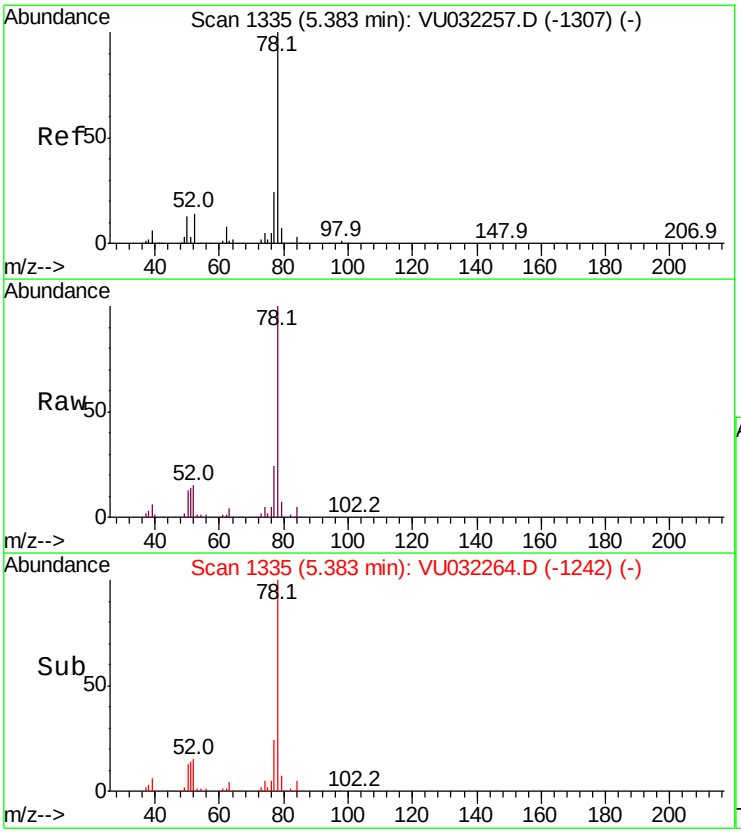
#29
1,1,1-Trichloroethane
Concen: 6.511 ug/L
RT: 4.91 min Scan# 1187
Delta R.T. 0.00 min
Lab File: VU032264.D
Acq: 23 May 2019 13:11

Instrument :
MSVOA_U
ClientSampleId :
E3YF0MS

Tgt Ion: 97 Resp: 128617

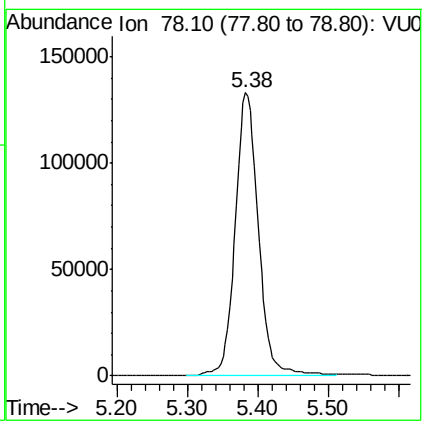
Ion	Ratio	Lower	Upper
97	100		
99	64.6	50.3	75.5
61	41.4	34.1	51.1

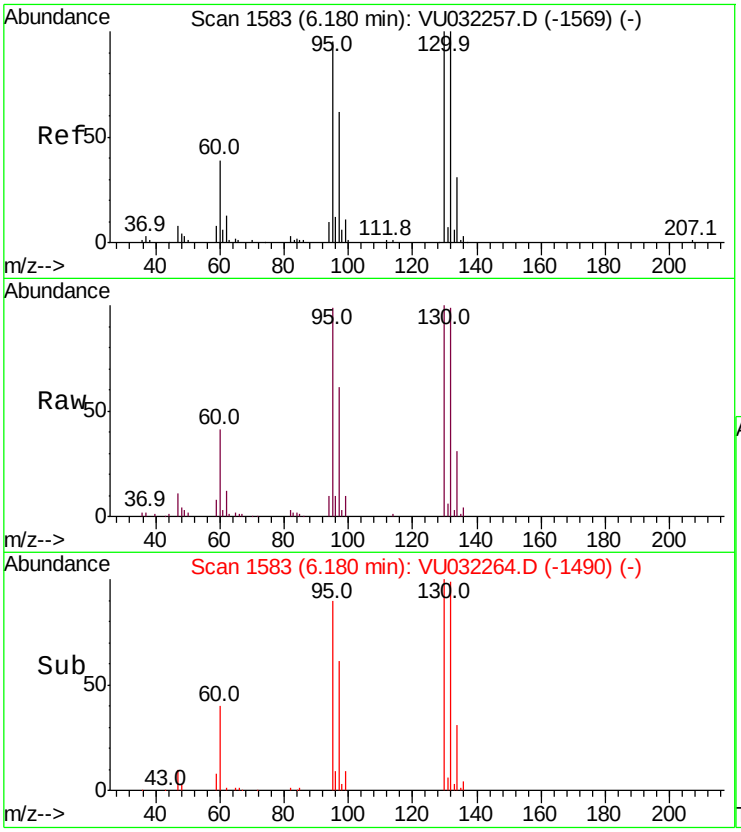




#33
Benzene
Concen: 5.965 ug/L
RT: 5.38 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VU032264.D
Acq: 23 May 2019 13:11

Tgt Ion: 78 Resp: 307089



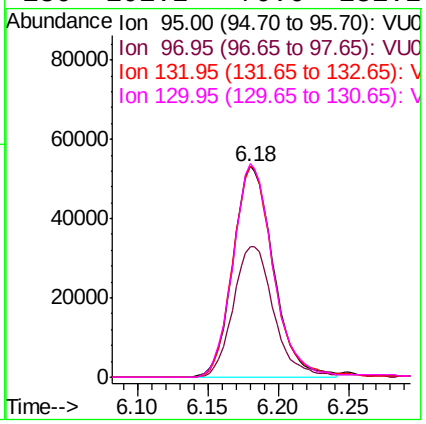


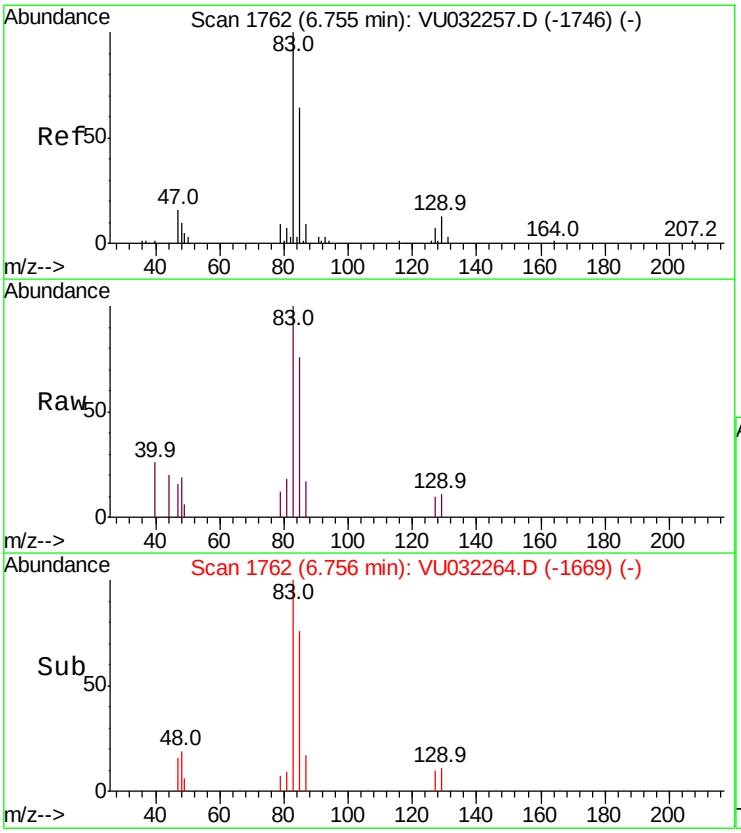
#34
Trichloroethene
Concen: 7.720 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. 0.00 min
Lab File: VU032264.D
Acq: 23 May 2019 13:11

Instrument :
MSVOA_U
ClientSampleId :
E3YF0MS

Tgt Ion: 95 Resp: 106673

Ion	Ratio	Lower	Upper
95	100		
97	61.6	39.9	74.1
132	100.1	65.9	122.5
130	101.2	70.6	131.2

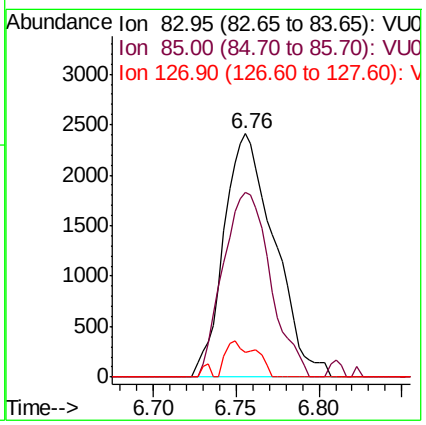


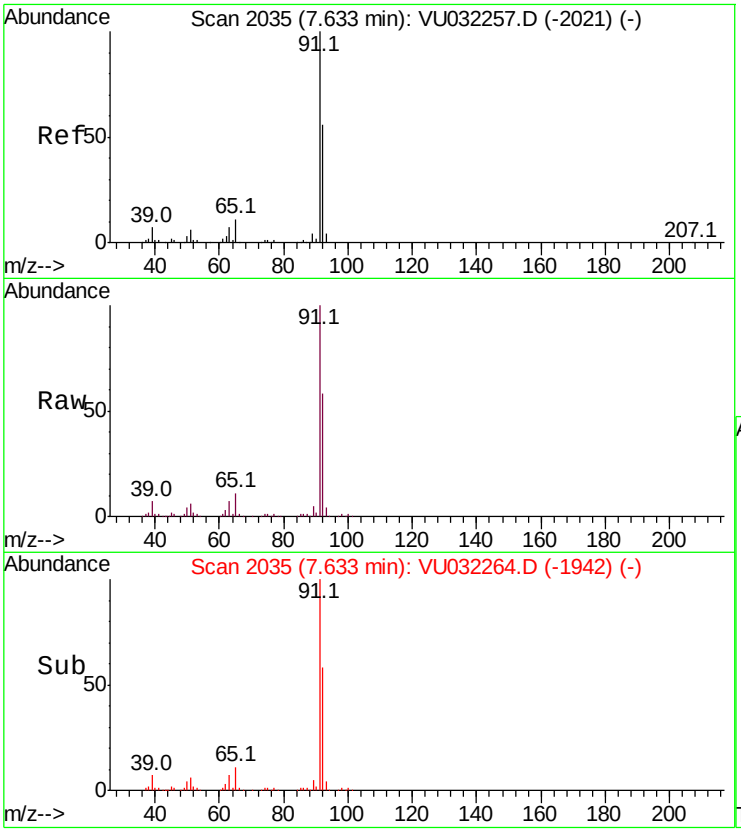


#38
Bromodichloromethane
Concen: 0.317 ug/L
RT: 6.76 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VU032264.D
Acq: 23 May 2019 13:11

Tgt Ion: 83 Resp: 5100

Ion	Ratio	Lower	Upper
83	100		
85	75.9	44.4	82.4
127	9.9	7.0	10.6



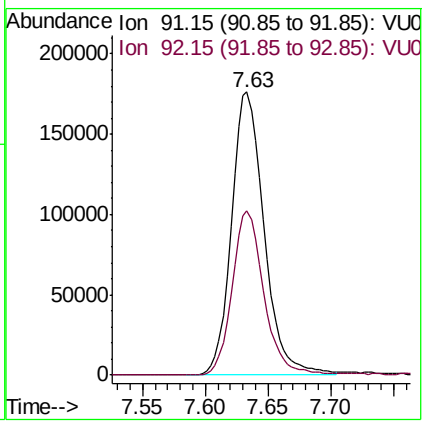


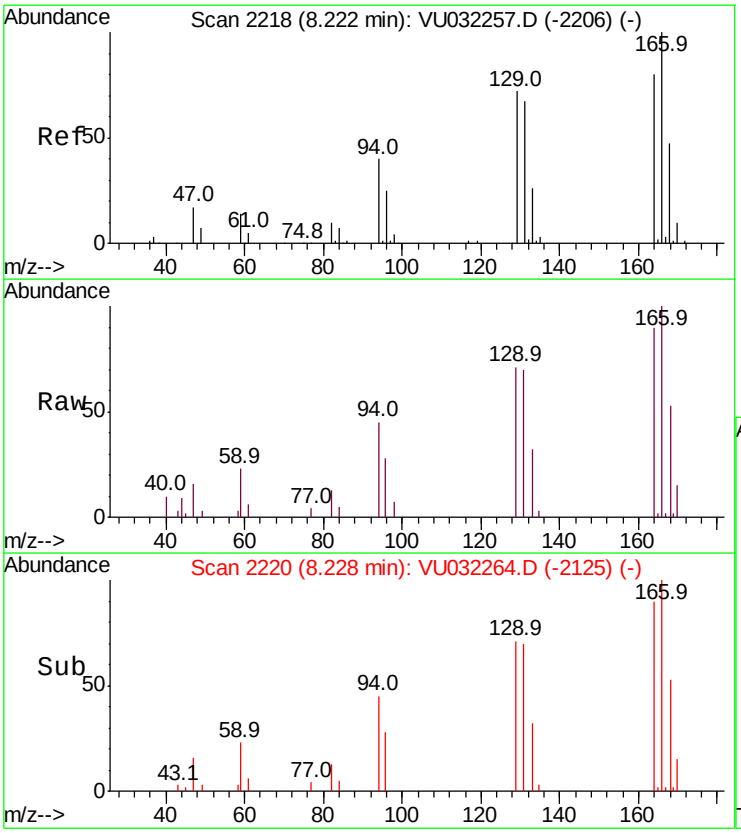
#42
Toluene
Concen: 5.825 ug/L
RT: 7.63 min Scan# 2035
Delta R.T. 0.00 min
Lab File: VU032264.D
Acq: 23 May 2019 13:11

Instrument : MSVOA_U
ClientSampleId : E3YF0MS

Tgt Ion: 91 Resp: 318646

Ion	Ratio	Lower	Upper
91	100		
92	58.0	38.5	71.5

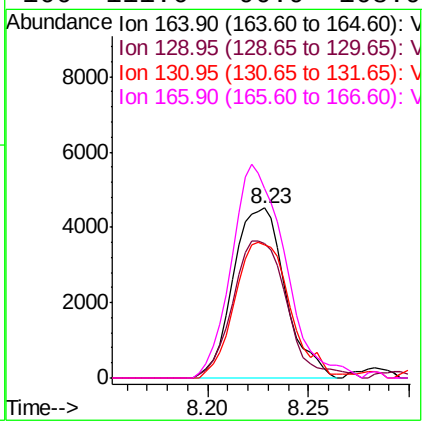


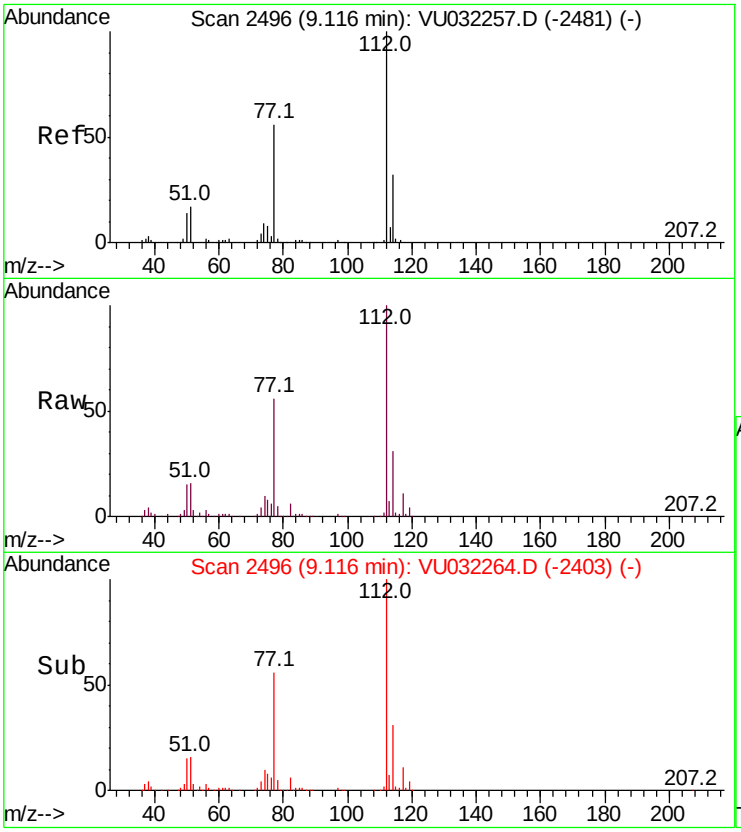


#47
Tetrachloroethene
Concen: 0.716 ug/L
RT: 8.23 min Scan# 2220
Delta R.T. 0.01 min
Lab File: VU032264.D
Acq: 23 May 2019 13:11

Tgt Ion:164 Resp: 8167

Ion	Ratio	Lower	Upper
164	100		
129	79.1	67.1	124.7
131	78.5	62.2	115.4
166	111.6	90.9	168.9



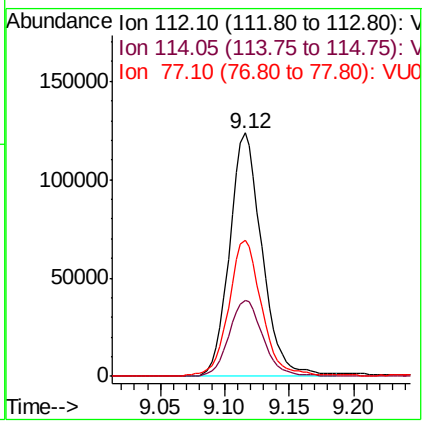


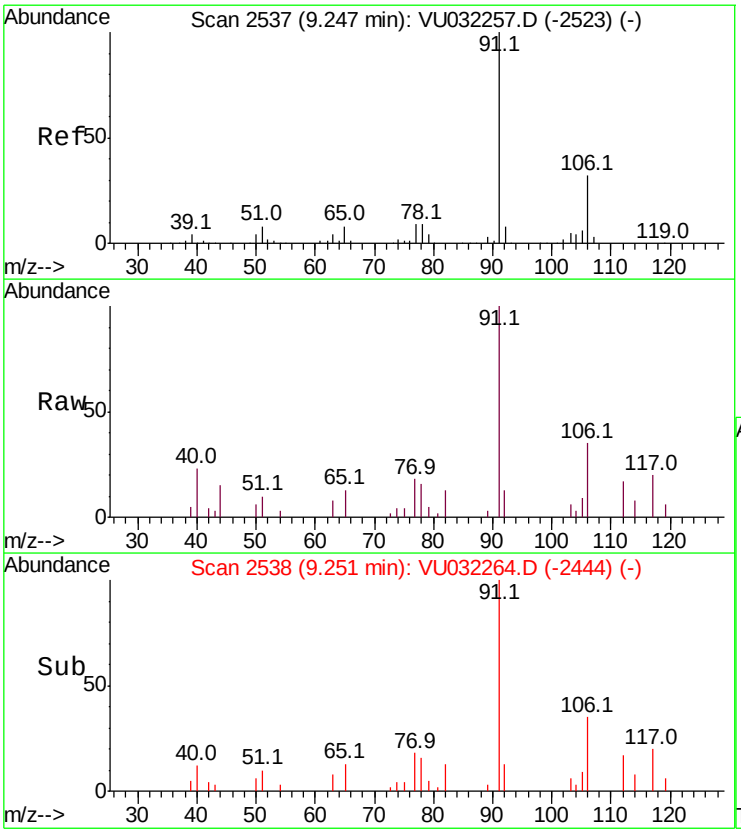
#51
Chlorobenzene
Concen: 6.197 ug/L
RT: 9.12 min Scan# 2496
Delta R.T. 0.00 min
Lab File: VU032264.D
Acq: 23 May 2019 13:11

Instrument : MSVOA_U
ClientSampleId : E3YF0MS

Tgt Ion:112 Resp: 216944

Ion	Ratio	Lower	Upper
112	100		
114	31.4	22.6	42.0
77	55.8	46.8	70.2

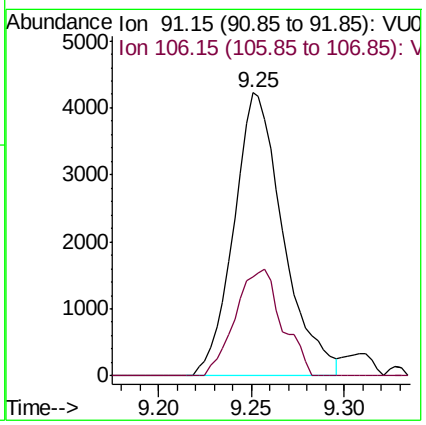


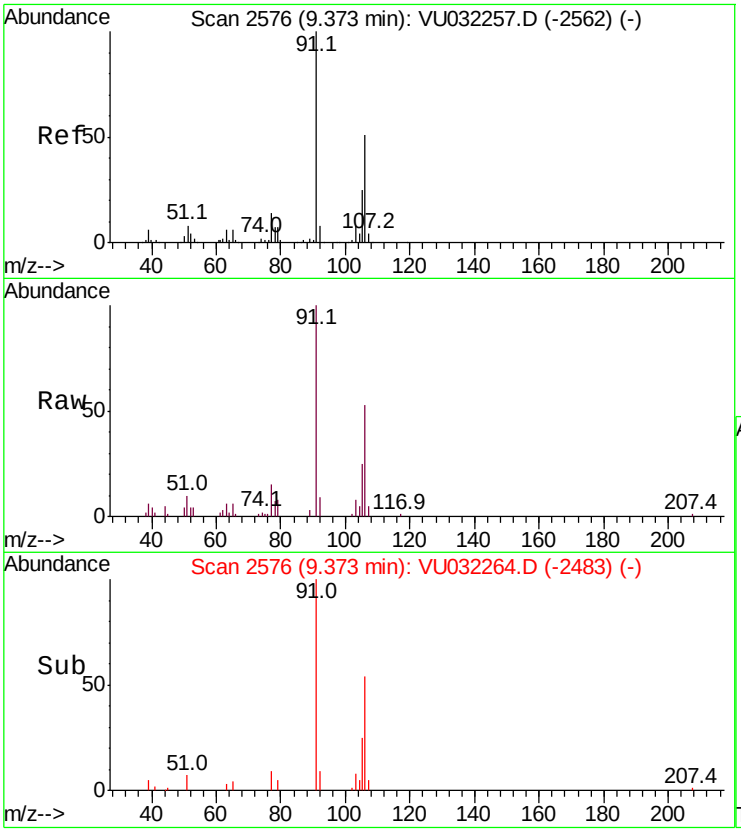


#52
Ethylbenzene
Concen: 0.142 ug/L
RT: 9.25 min Scan# 2538
Delta R.T. 0.00 min
Lab File: VU032264.D
Acq: 23 May 2019 13:11

Tgt Ion: 91 Resp: 7831

Ion	Ratio	Lower	Upper
91	100		
106	35.0	20.9	38.9



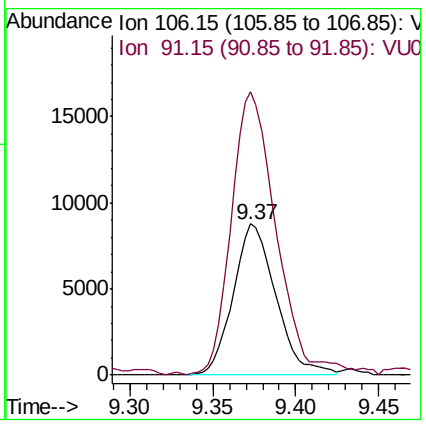


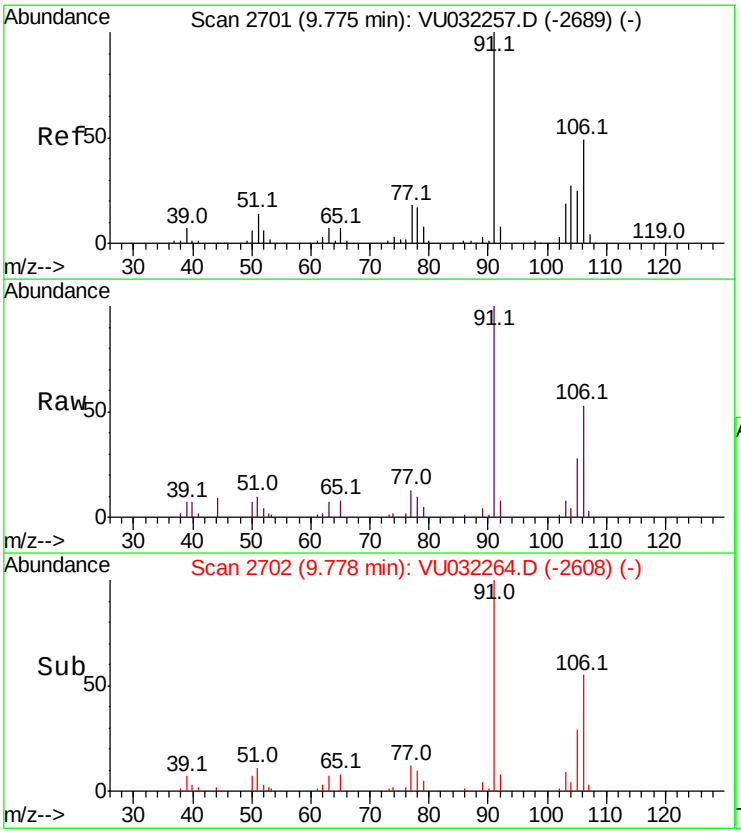
#53
m,p-Xylene
Concen: 0.770 ug/L
RT: 9.37 min Scan# 2576
Delta R.T. 0.00 min
Lab File: VU032264.D
Acq: 23 May 2019 13:11

Instrument :
MSVOA_U
ClientSampleId :
E3YF0MS

Tgt Ion:106 Resp: 15763

Ion	Ratio	Lower	Upper
106	100		
91	187.4	143.9	267.2





#54
o-Xylene
Concen: 0.447 ug/L
RT: 9.78 min Scan# 2702
Delta R.T. 0.00 min
Lab File: VU032264.D
Acq: 23 May 2019 13:11

Tgt Ion:106 Resp: 9153

Ion	Ratio	Lower	Upper
106	100		
91	188.7	147.8	274.4