Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112018\
Data File : VU028298.D
Acq On : 20 Nov 2018 23:19
Operator : MD/SY
Sample : J5986-21
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FP8

Manual Integrations APPROVED
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11/21/2018 12:20:04 PM

Quant Time: Nov 21 09:03:29 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 21 07:07:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	6.60	114	120658m	5.00	ug/L		0.72
28) Chlorobenzene-d5	9.29	117	126078	5.00	ug/L		0.20
60) 1,4-Dichlorobenzene-d4	11.54	152	60340	5.00	ug/L		0.05
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.51	65	167	0.02	ug/L		0.12
Spiked Amount 5.000	Range 40 - 130		Recovery = 0.40%#				
7) Chloroethane-d5	1.67	69	225	0.03	ug/L		0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 0.60%#				
11) 1,1-Dichloroethene-d2	2.34	63	8094	0.45	ug/L		0.06
Spiked Amount 5.000	Range 60 - 125		Recovery = 9.00%#				
20) 2-Butanone-d5	4.17	46	19452	6.40	ug/L		-0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 12.80%#				
24) Chloroform-d	4.66	84	176	0.01	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 0.20%#				
26) 1,2-Dichloroethane-d4	5.39	65	233	0.02	ug/L		0.08
Spiked Amount 5.000	Range 70 - 130		Recovery = 0.40%#				
32) Benzene-d6	5.61	84	89439	2.46	ug/L		0.27
Spiked Amount 5.000	Range 70 - 125		Recovery = 49.20%#				
36) 1,2-Dichloropropane-d6	6.13	67	31372	2.38	ug/L		-0.20
Spiked Amount 5.000	Range 60 - 140		Recovery = 47.60%#				
41) Toluene-d8	7.57	98	83	0.00	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 0.00%#				
43) trans-1,3-Dichloropropene-	7.67	79	36139	8.59	ug/L		-0.19
Spiked Amount 5.000	Range 55 - 130		Recovery = 171.80%#				
46) 2-Hexanone-d5	8.58	63	137520	54.47	ug/L		0.26
Spiked Amount 50.000	Range 45 - 130		Recovery = 108.94%				
57) 1,1,2,2-Tetrachloroethane-	10.52	84	49535	5.21	ug/L		0.08
Spiked Amount 5.000	Range 65 - 120		Recovery = 104.20%				
64) 1,2-Dichlorobenzene-d4	11.90	152	48706	4.34	ug/L		0.04
Spiked Amount 5.000	Range 80 - 120		Recovery = 86.80%				
Target Compounds							Qvalue
9) Trichlorofluoromethane	1.94	101	1624	0.11	ug/L	#	66
10) 1,1,2-Trichloro-1,2,2-trif	2.34	101	6789	0.86	ug/L	#	1
13) Acetone	2.34	43	10776	5.16	ug/L	#	1
14) Carbon disulfide	2.34	76	11417	0.49	ug/L	#	1
15) Methyl Acetate	2.69	43	16746	3.02	ug/L	#	59
22) cis-1,2-Dichloroethene	4.16	96	23898	2.56	ug/L	#	9
25) Chloroform	4.60	83	1233	0.06	ug/L		92
27) 1,2-Dichloroethane	5.27	62	20362	1.79	ug/L	#	1
37) 1,2-Dichloropropane	6.60	63	32663	2.75	ug/L		99
49) Dibromochloromethane	8.51	129	2569	0.35	ug/L	#	10
53) m,p-xylene	9.42	106	1290	0.08	ug/L		66
54) o-xylene	9.91	106	2493	0.16	ug/L		64
69) Naphthalene	13.75	128	2121	0.10	ug/L	#	88

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

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QLast Update : Wed Nov 21 07:07:52 2018
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
H0FP8

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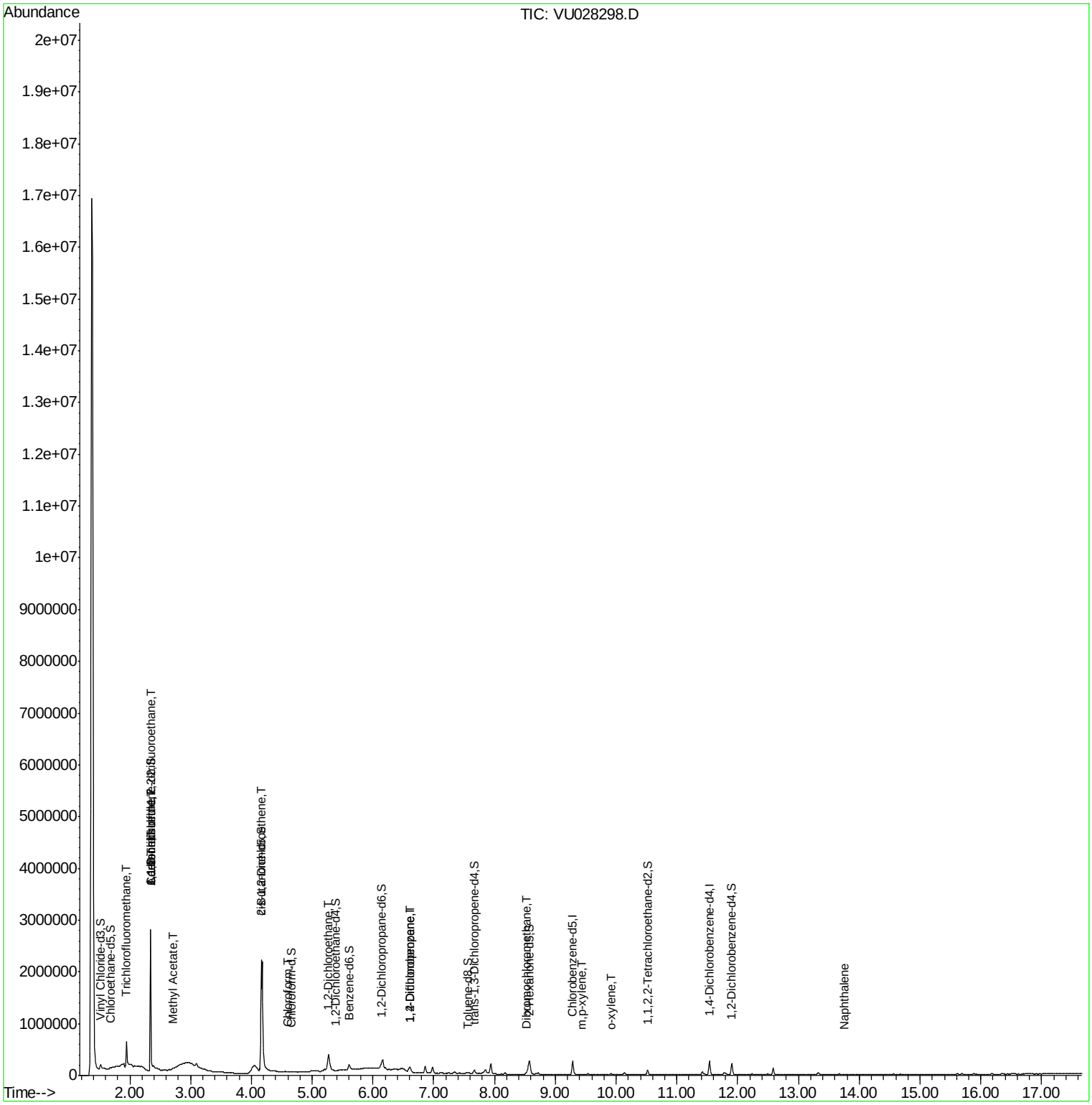

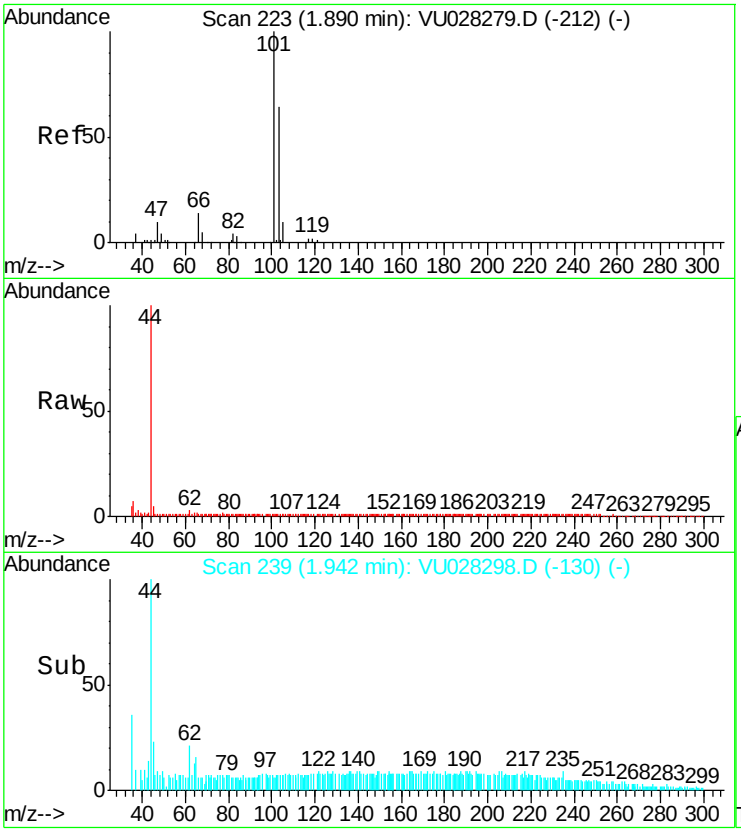

#9
Trichlorofluoromethane
Concen: 0.11 ug/L
RT: 1.94 min Scan# 239
Delta R.T. 0.05 min
Lab File: VU028298.D
Acq: 20 Nov 2018 23:19

Tgt Ion:101 Resp: 1624

Ion	Ratio	Lower	Upper
101	100		
103	91.2	51.7	77.5#

Instrument :
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ClientSampleId :
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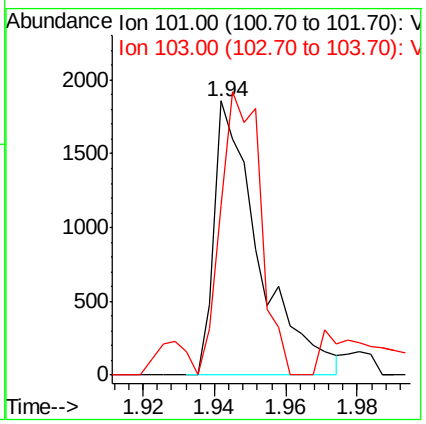
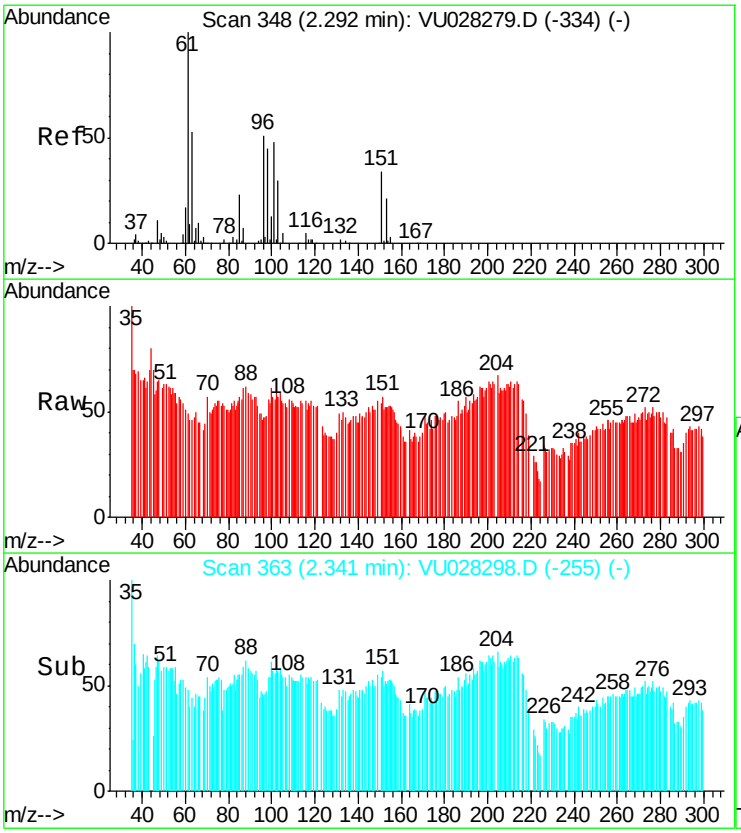
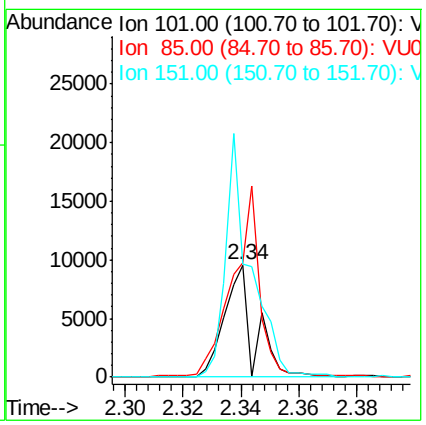


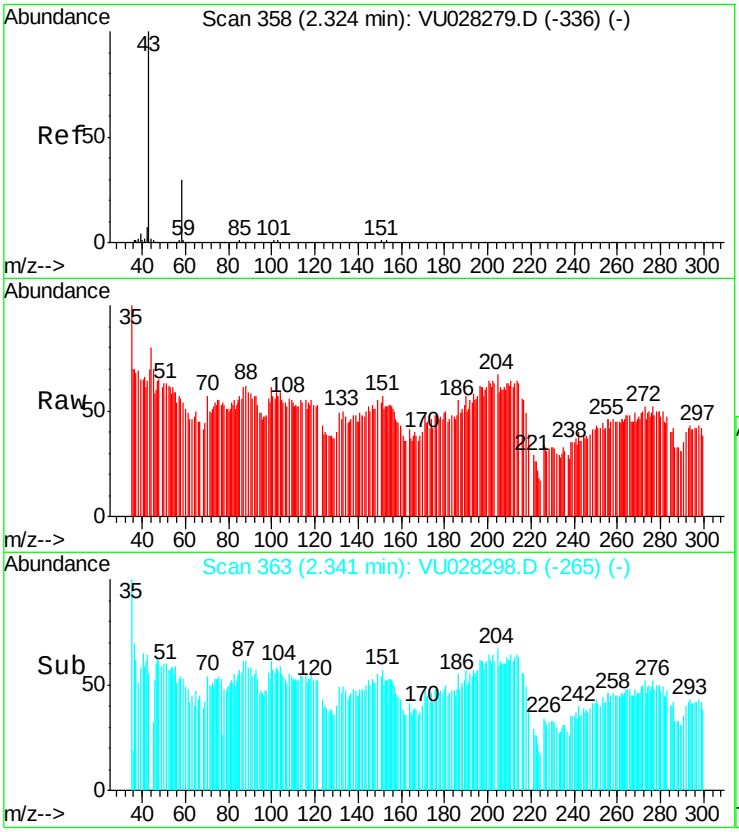


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.86 ug/L
RT: 2.34 min Scan# 363
Delta R.T. 0.05 min
Lab File: VU028298.D
Acq: 20 Nov 2018 23:19

Tgt Ion:101 Resp: 6789

Ion	Ratio	Lower	Upper
101	100		
85	156.2	37.4	56.2#
151	181.2	55.0	82.4#

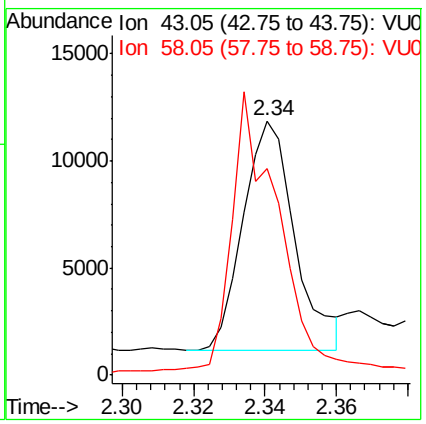




#13
Acetone
Concen: 5.16 ug/L
RT: 2.34 min Scan# 363
Delta R.T. 0.02 min
Lab File: VU028298.D
Acq: 20 Nov 2018 23:19

Tgt Ion: 43 Resp: 10776

Ion	Ratio	Lower	Upper
43	100		
58	108.8	0.0	58.6#



Instrument :
MSVOA_U
ClientSampleId :
H0FP8

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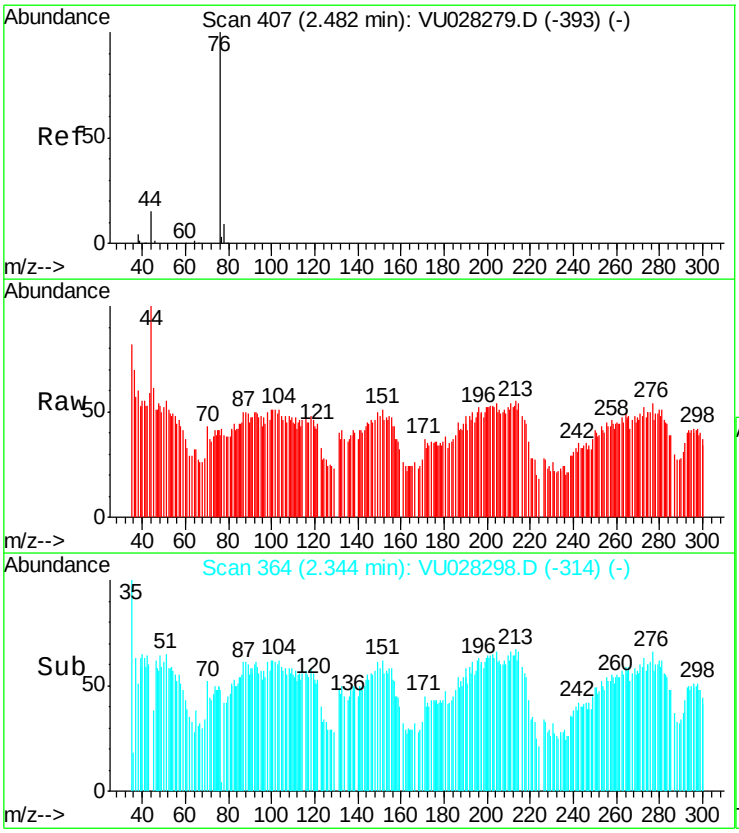
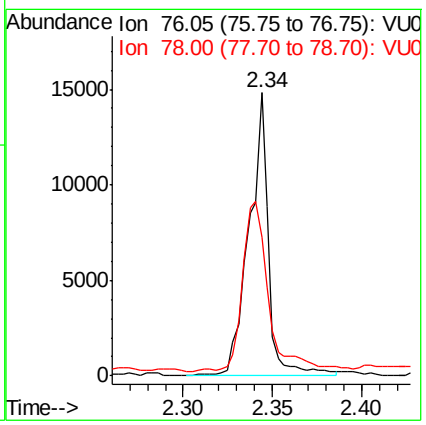
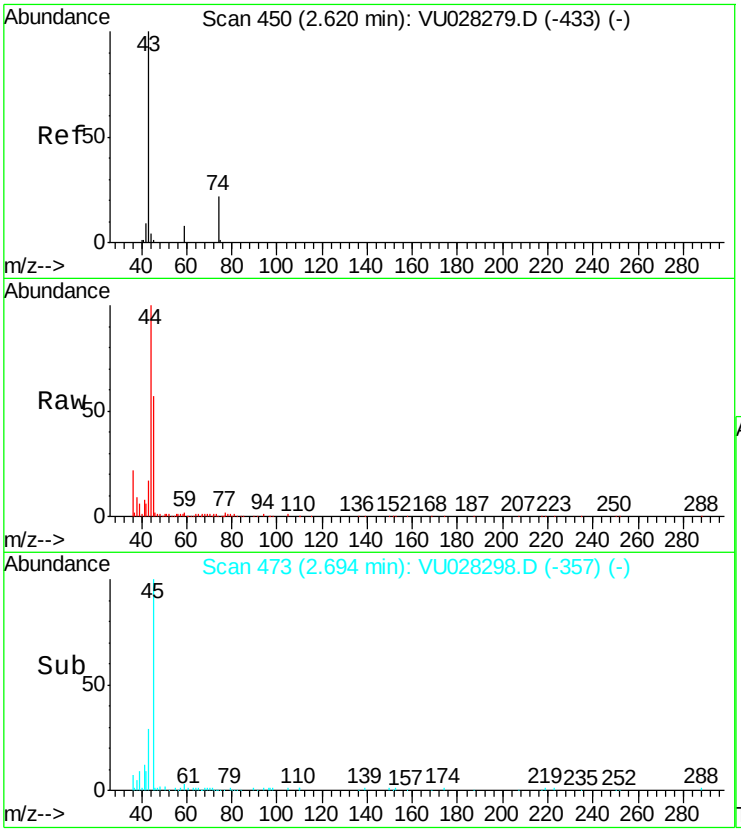


#14
Carbon disulfide
Concen: 0.49 ug/L
RT: 2.34 min Scan# 364
Delta R.T. -0.14 min
Lab File: VU028298.D
Acq: 20 Nov 2018 23:19

Tgt Ion: 76 Resp: 11417

Ion	Ratio	Lower	Upper
76	100		
78	48.8	7.6	11.4#





#15
Methyl Acetate
Concen: 3.02 ug/L
RT: 2.69 min Scan# 473
Delta R.T. 0.07 min
Lab File: VU028298.D
Acq: 20 Nov 2018 23:19

Tgt Ion: 43 Resp: 16746

Ion	Ratio	Lower	Upper
43	100		
74	0.0	14.7	22.1#

Instrument :
MSVOA_U
ClientSampleId :
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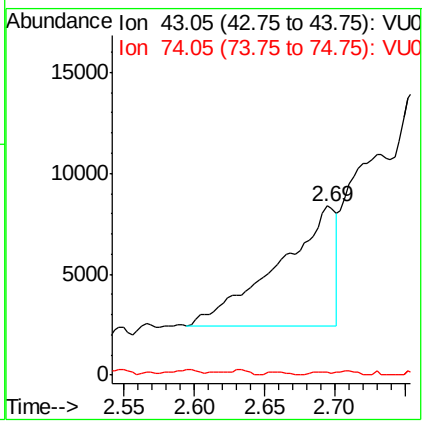
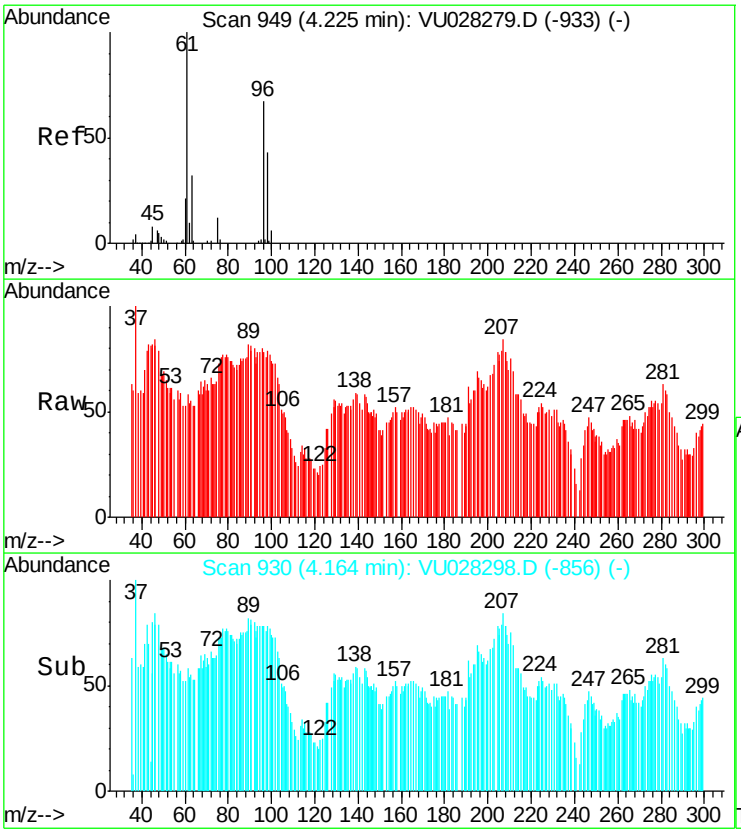
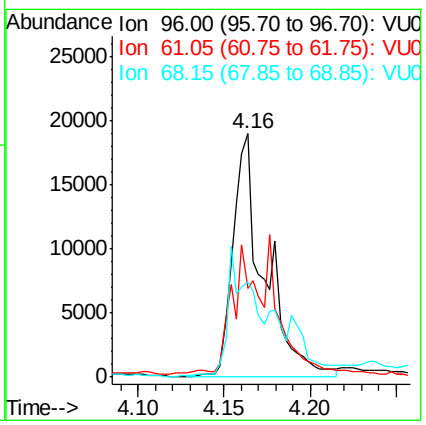


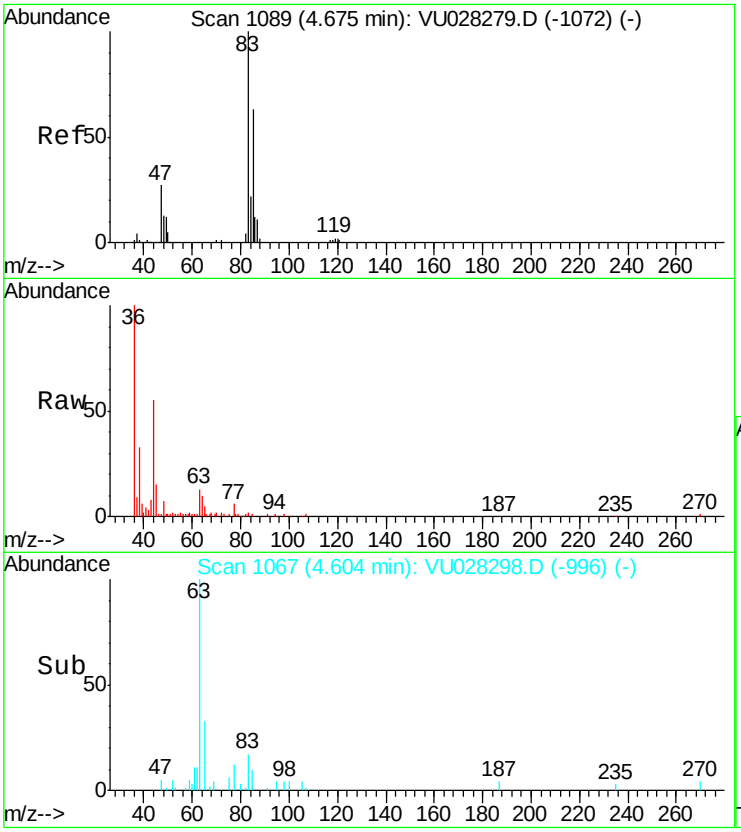


#22
cis-1,2-Dichloroethene
Concen: 2.56 ug/L
RT: 4.16 min Scan# 930
Delta R.T. -0.06 min
Lab File: VU028298.D
Acq: 20 Nov 2018 23:19

Tgt Ion: 96 Resp: 23898

Ion	Ratio	Lower	Upper
96	100		
61	36.4	108.0	200.6#
68	39.3	0.0	0.0#

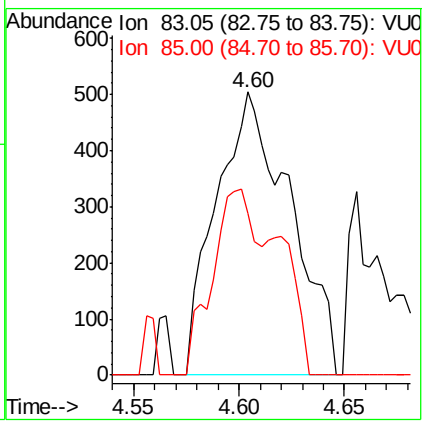




#25
Chloroform
Concen: 0.06 ug/L
RT: 4.60 min Scan# 1067
Delta R.T. -0.07 min
Lab File: VU028298.D
Acq: 20 Nov 2018 23:19

Tgt Ion: 83 Resp: 1233

Ion	Ratio	Lower	Upper
83	100		
85	57.1	44.6	82.8



Instrument :
MSVOA_U
ClientSampleId :
H0FP8

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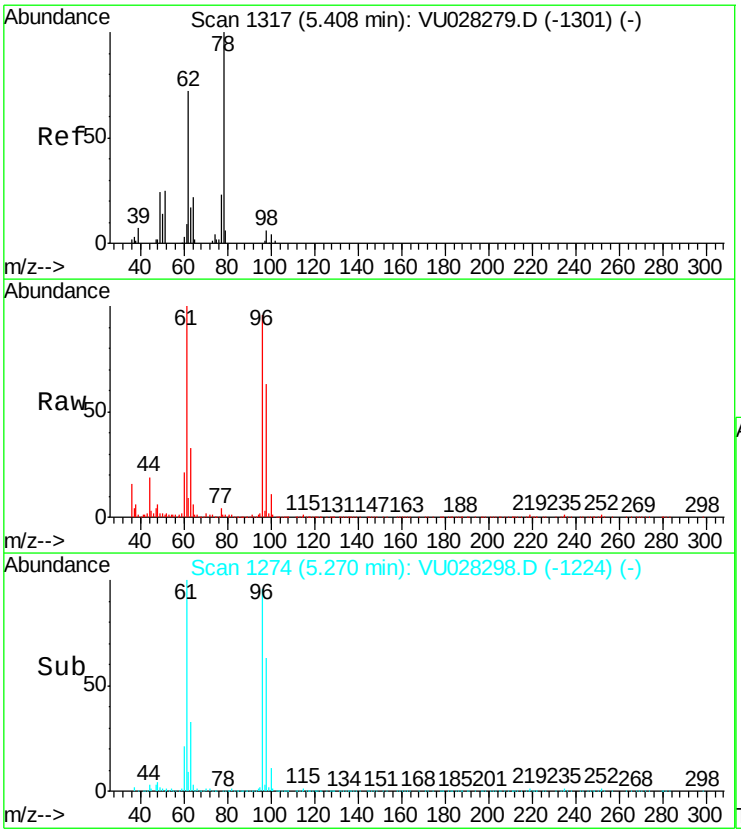
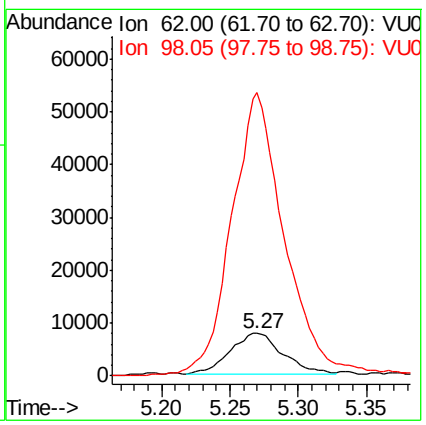
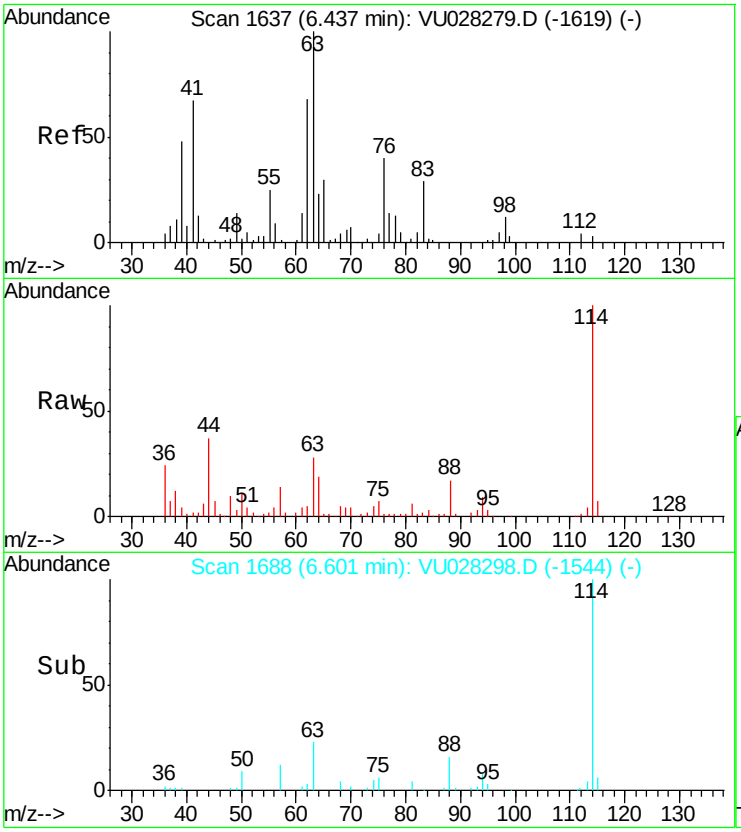


#27
1,2-Dichloroethane
Concen: 1.79 ug/L
RT: 5.27 min Scan# 1274
Delta R.T. -0.14 min
Lab File: VU028298.D
Acq: 20 Nov 2018 23:19

Tgt Ion: 62 Resp: 20362

Ion	Ratio	Lower	Upper
62	100		
98	664.8	6.2	9.4#

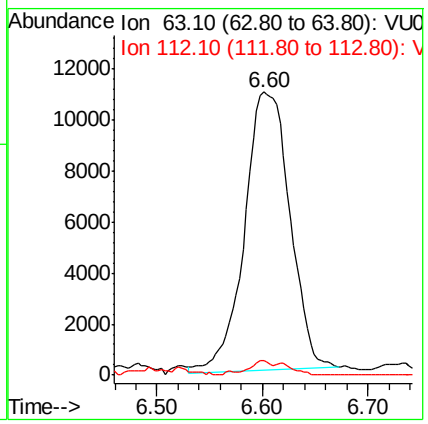




#37
1,2-Dichloropropane
Concen: 2.75 ug/L
RT: 6.60 min Scan# 1688
Delta R.T. 0.16 min
Lab File: VU028298.D
Acq: 20 Nov 2018 23:19

Tgt Ion: 63 Resp: 32663

Ion	Ratio	Lower	Upper
63	100		
112	2.4	2.2	3.2



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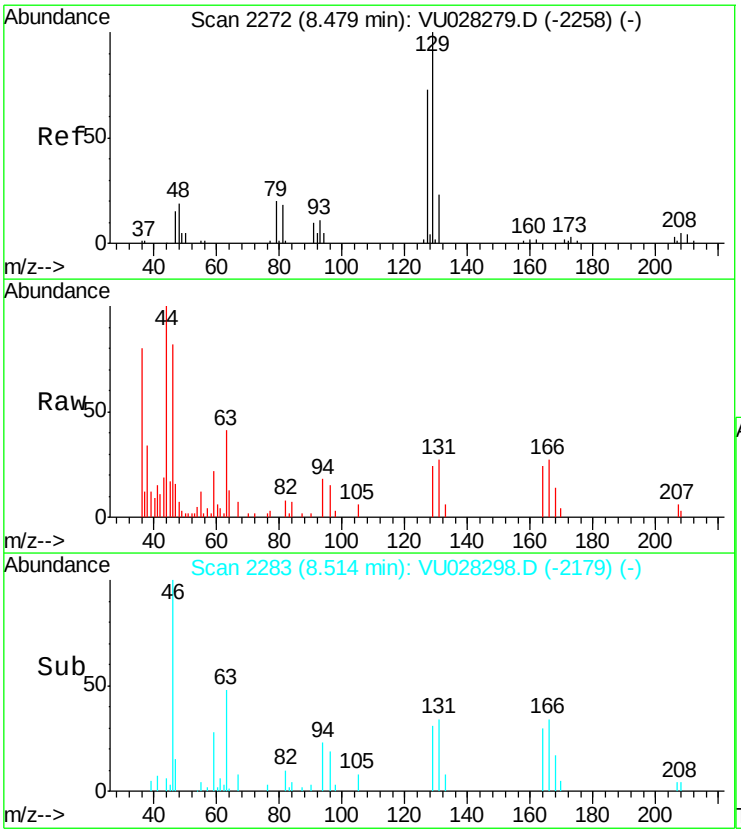
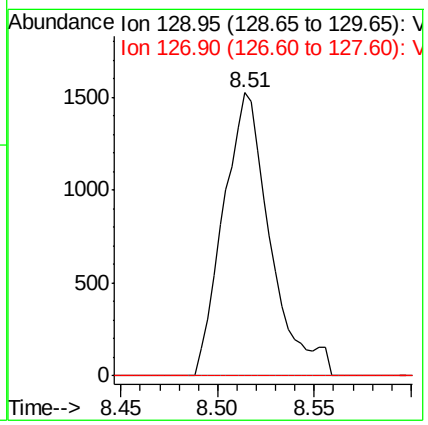
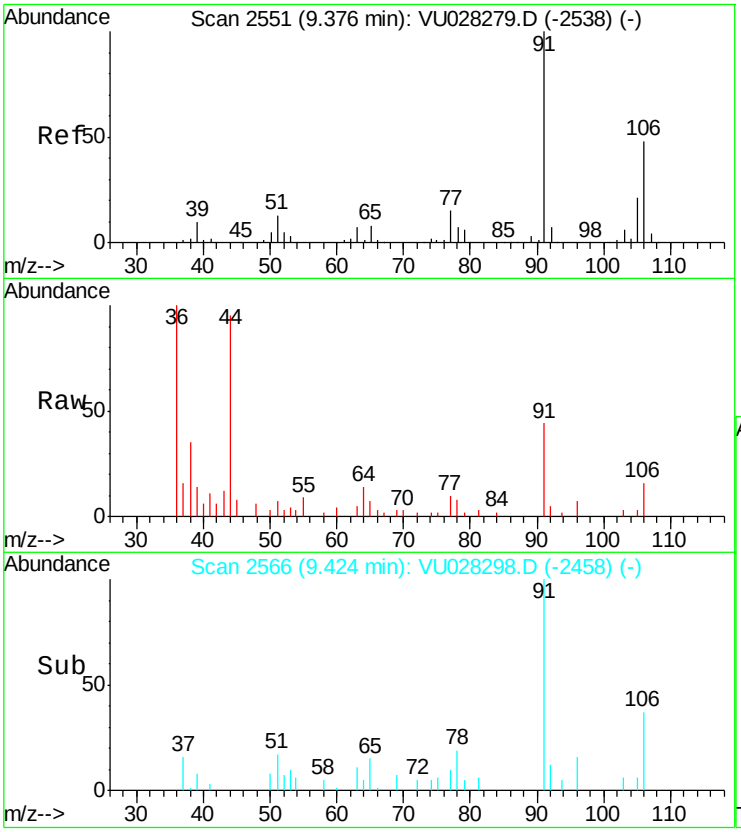


#49
Dibromochloromethane
Concen: 0.35 ug/L
RT: 8.51 min Scan# 2283
Delta R.T. 0.04 min
Lab File: VU028298.D
Acq: 20 Nov 2018 23:19

Tgt Ion:129 Resp: 2569

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.7	101.5#

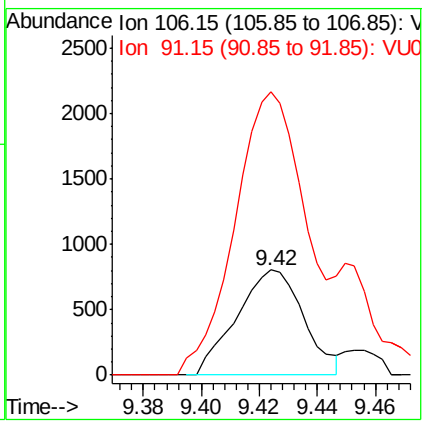




#53
m,p-xylene
Concen: 0.08 ug/L
RT: 9.42 min Scan# 2566
Delta R.T. 0.05 min
Lab File: VU028298.D
Acq: 20 Nov 2018 23:19

Tgt Ion:106 Resp: 1290

Ion	Ratio	Lower	Upper
106	100		
91	268.5	150.6	279.6



Instrument :
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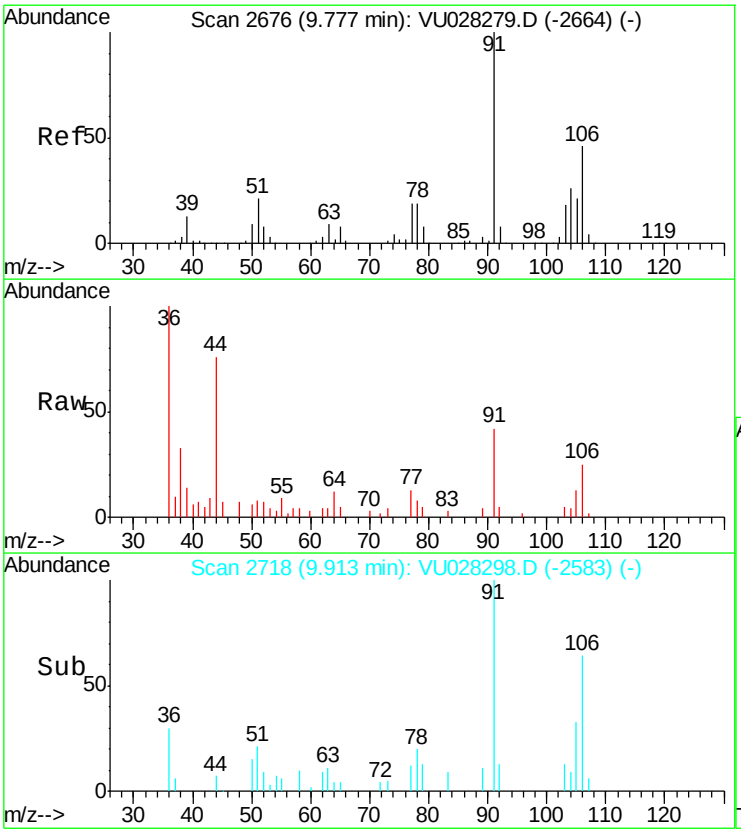
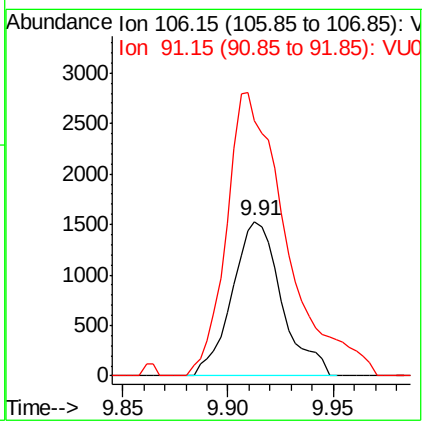
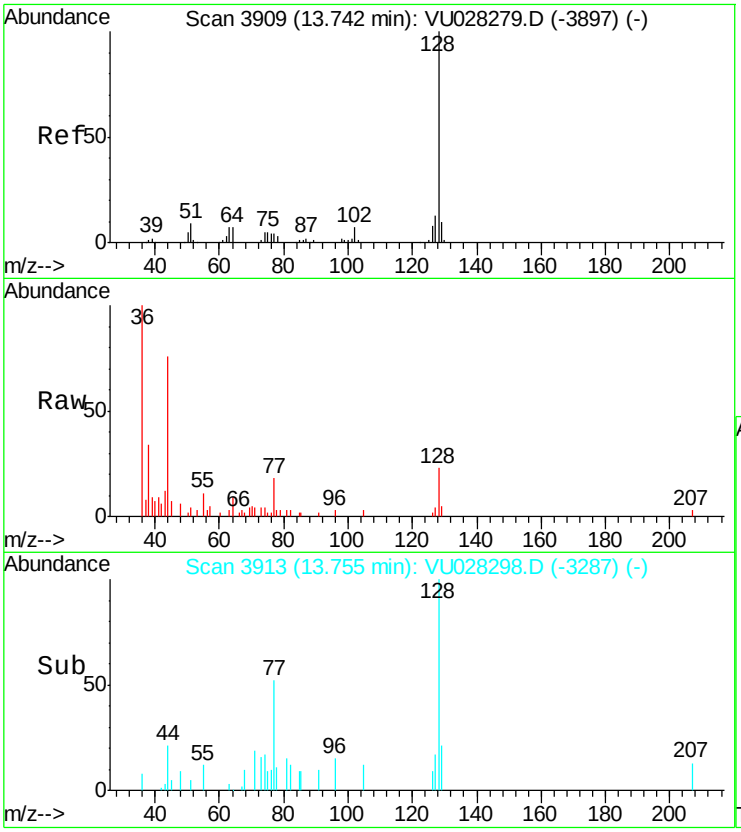


#54
o-xylene
Concen: 0.16 ug/L
RT: 9.91 min Scan# 2718
Delta R.T. 0.14 min
Lab File: VU028298.D
Acq: 20 Nov 2018 23:19

Tgt Ion:106 Resp: 2493

Ion	Ratio	Lower	Upper
106	100		
91	165.6	157.5	292.5

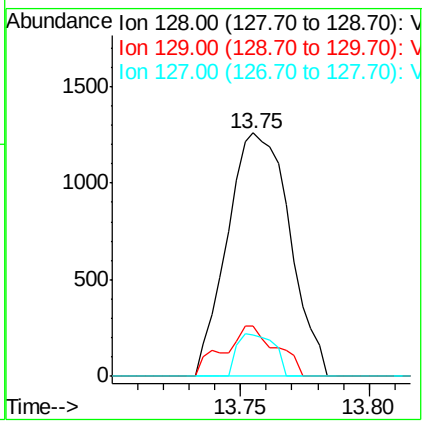




#69
Naphthalene
Concen: 0.10 ug/L
RT: 13.75 min Scan# 3913
Delta R.T. 0.01 min
Lab File: VU028298.D
Acq: 20 Nov 2018 23:19

Tgt Ion:128 Resp: 2121

Ion	Ratio	Lower	Upper
128	100		
129	17.4	8.6	12.8#
127	10.3	10.7	16.1#



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