

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112018\
 Data File : VU028297.D
 Acq On : 20 Nov 2018 22:55
 Operator : MD/SY
 Sample : J5986-20
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleID :
 H0FP6

Manual Integrations
 APPROVED

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 11/21/2018 12:20:01 PM

Quant Time: Nov 21 09:04:40 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	6.95	114	138704m	5.00	ug/L	1.06
28) Chlorobenzene-d5	9.40	117	134391m	5.00	ug/L	0.31
60) 1,4-Dichlorobenzene-d4	11.57	152	55542	5.00	ug/L	0.08

System Monitoring Compounds

4) Vinyl Chloride-d3	0.00	65	0	0.00	ug/L	
Spiked Amount	5.000	Range	40 - 130	Recovery	=	0.00%#
7) Chloroethane-d5	0.00	69	0	0.00	ug/L	
Spiked Amount	5.000	Range	65 - 130	Recovery	=	0.00%#
11) 1,1-Dichloroethene-d2	2.29	63	19	0.00	ug/L	0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	0.00%#
20) 2-Butanone-d5	4.19	46	61	0.02	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	0.04%#
24) Chloroform-d	4.64	84	233	0.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	0.20%#
26) 1,2-Dichloroethane-d4	5.46	65	292	0.03	ug/L	0.14
Spiked Amount	5.000	Range	70 - 130	Recovery	=	0.60%#
32) Benzene-d6	5.34	84	367	0.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	0.20%#
36) 1,2-Dichloropropane-d6	6.45	67	1121	0.08	ug/L	0.12
Spiked Amount	5.000	Range	60 - 140	Recovery	=	1.60%#
41) Toluene-d8	7.35	98	65	0.00	ug/L	-0.21
Spiked Amount	5.000	Range	70 - 130	Recovery	=	0.00%#
43) trans-1,3-Dichloropropene-	7.89	79	33034	7.36	ug/L	0.04
Spiked Amount	5.000	Range	55 - 130	Recovery	=	147.20%#
46) 2-Hexanone-d5	8.30	63	179	0.07	ug/L	-0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	0.14%#
57) 1,1,2,2-Tetrachloroethane-	10.56	84	45783	4.51	ug/L	0.13
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.20%
64) 1,2-Dichlorobenzene-d4	11.93	152	45962	4.45	ug/L	0.06
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
14) Carbon disulfide	2.66	76	4420	0.16	ug/L #	1
16) Methylene chloride	2.68	84	2218	0.21	ug/L #	1
17) Methyl tert-butyl Ether	2.98	73	5330	0.21	ug/L #	1
18) trans-1,2-Dichloroethene	2.72	96	3292	0.36	ug/L	81
19) 1,1-Dichloroethane	3.54	63	15491	0.73	ug/L #	23
34) Trichloroethene	6.22	95	591	0.05	ug/L #	75
37) 1,2-Dichloropropane	6.44	63	427	0.03	ug/L #	1
44) trans-1,3-Dichloropropene	7.88	75	1437	0.12	ug/L #	20
45) 1,1,2-Trichloroethane	8.16	97	4317	0.56	ug/L #	1
49) Dibromochloromethane	8.68	129	1308	0.17	ug/L #	10
52) Ethylbenzene	9.52	91	11672	0.24	ug/L	96
53) m,p-xylene	9.63	106	9841	0.59	ug/L	89
54) o-xylene	9.63	106	10006	0.60	ug/L	95
69) Naphthalene	13.76	128	3394	0.18	ug/L #	90

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

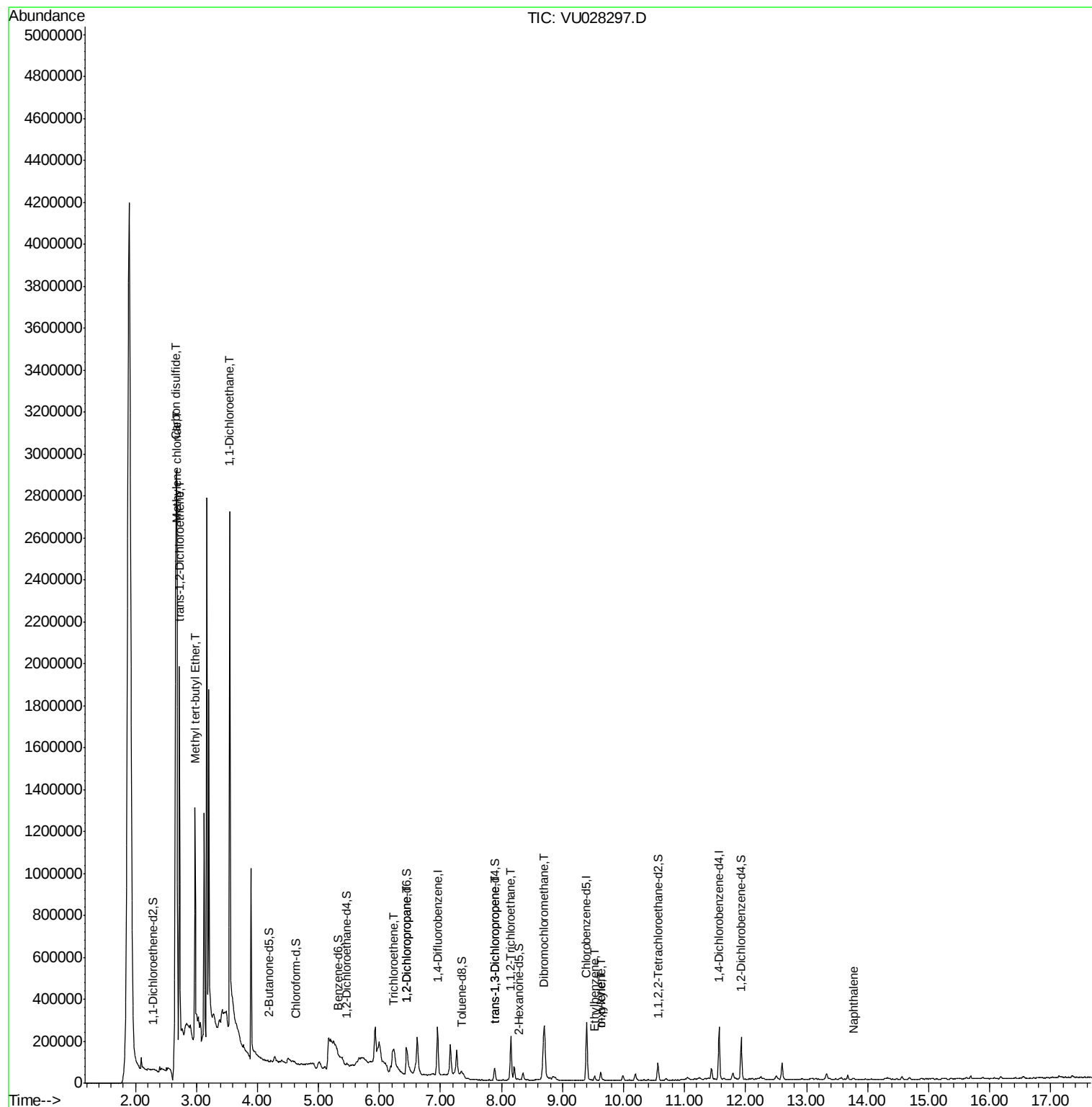
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU112018\
Data File : VU028297.D
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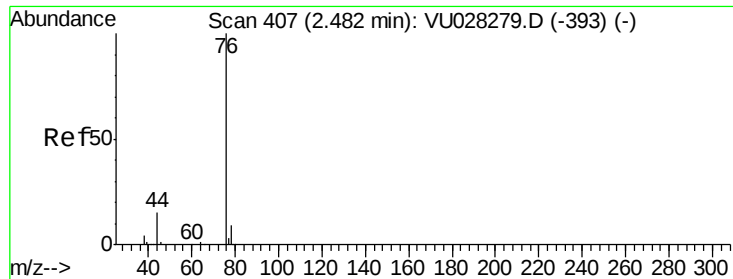
Instrument :
MSVOA_U
ClientSampleId :
H0FP6

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Quant Method : Z:\V0ASRV\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





#14

Carbon disulfide

Concen: 0.16 ug/L

RT: 2.66 min Scan# 461

Delta R.T. 0.17 min

Lab File: VU028297.D

Acq: 20 Nov 2018 22:55

Instrument :

MSVOA_U

ClientSampled :

H0FP6

Tgt Ion: 76 Resp: 4420

Ion Ratio Lower Upper

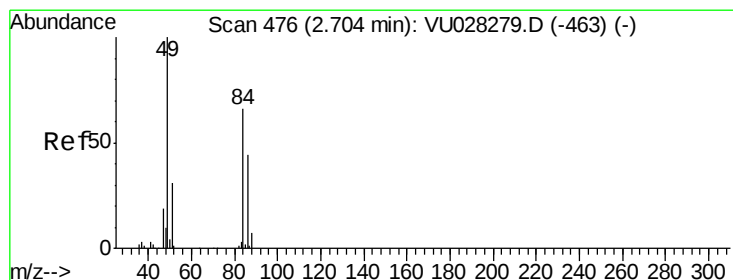
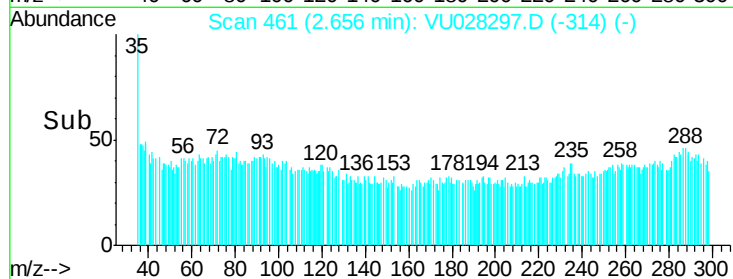
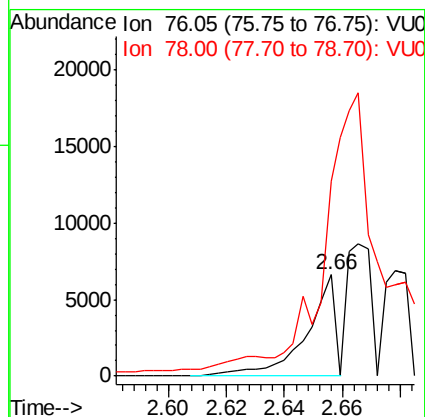
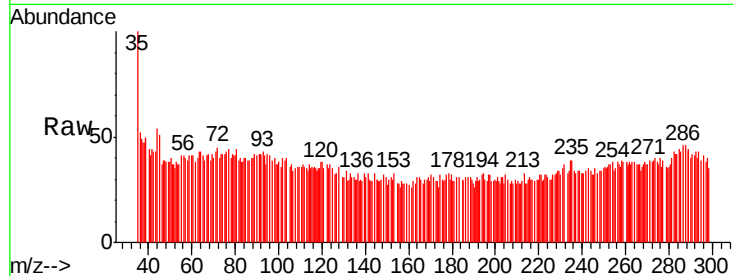
76 100

78 192.8 7.6 11.4#

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#16

Methylene chloride

Concen: 0.21 ug/L

RT: 2.68 min Scan# 470

Delta R.T. -0.02 min

Lab File: VU028297.D

Acq: 20 Nov 2018 22:55

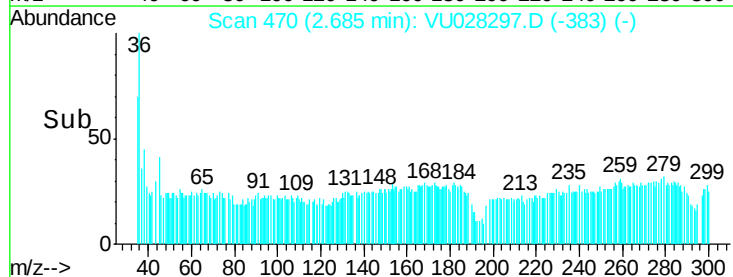
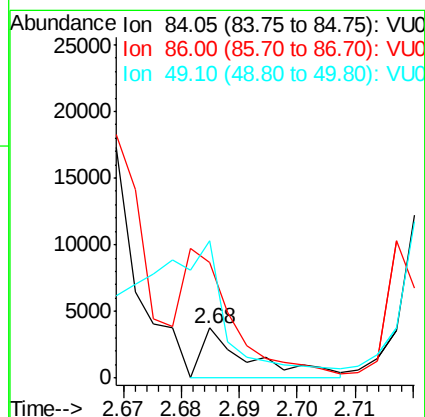
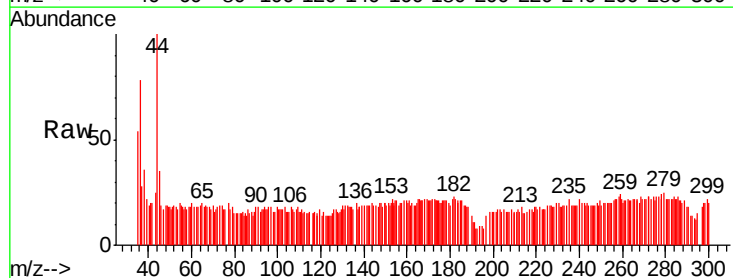
Tgt Ion: 84 Resp: 2218

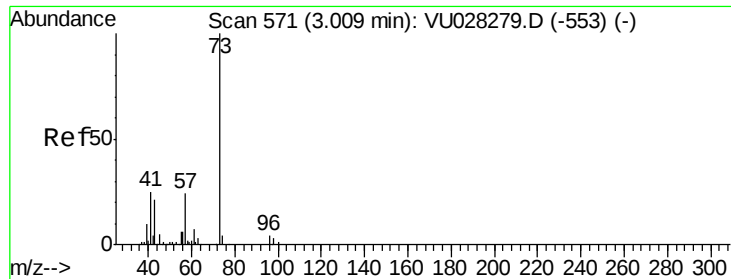
Ion Ratio Lower Upper

84 100

86 229.6 45.3 84.1#

49 272.5 107.9 200.5#





#17

Methyl tert-butyl Ether

Concen: 0.21 ug/L

RT: 2.98 min Scan# 562

Delta R.T. -0.03 min

Lab File: VU028297.D

Acq: 20 Nov 2018 22:55

Instrument :

MSVOA_U

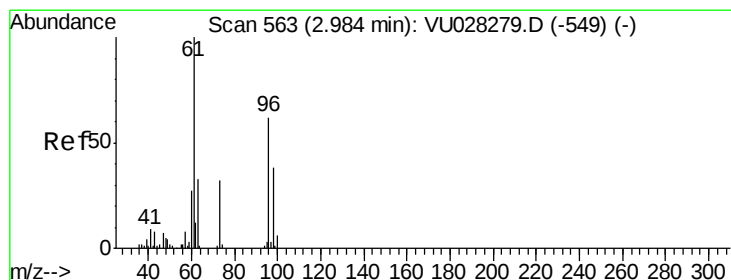
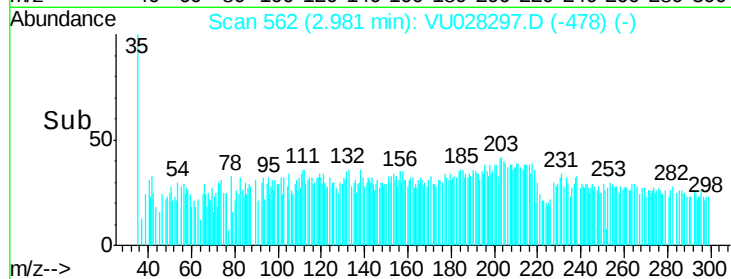
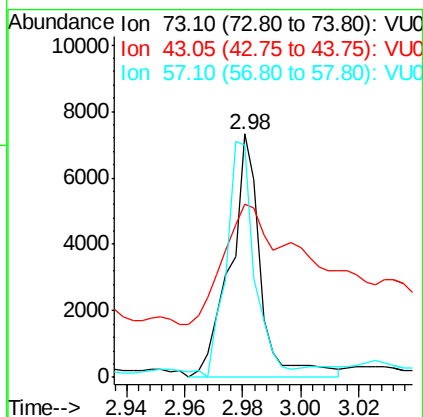
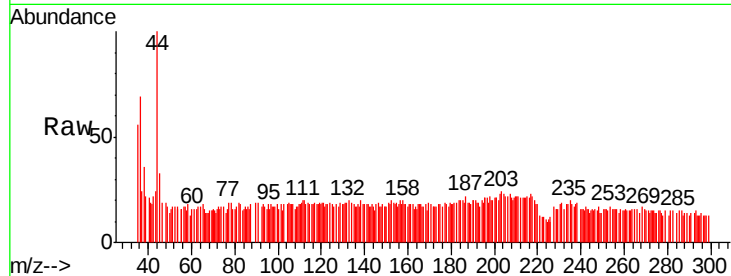
ClientSampleId :

H0FP6

Tgt Ion:	73	Resp:	5330
Ion	Ratio	Lower	Upper
73	100		
43	144.2	18.8	28.2#
57	84.7	19.2	28.8#

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#18

trans-1,2-Dichloroethene

Concen: 0.36 ug/L

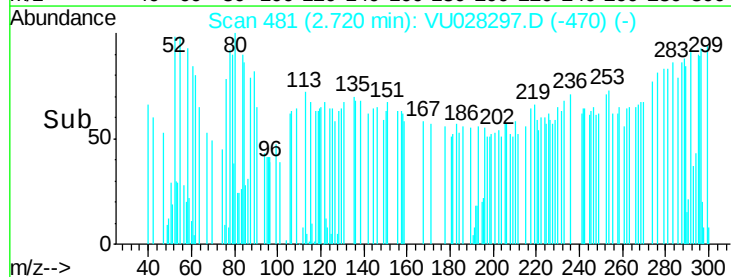
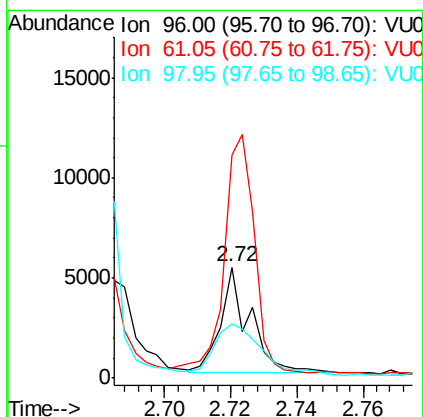
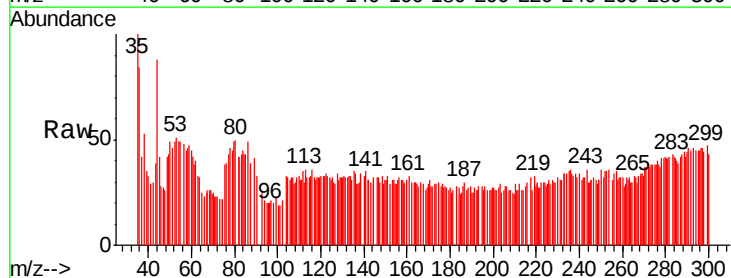
RT: 2.72 min Scan# 481

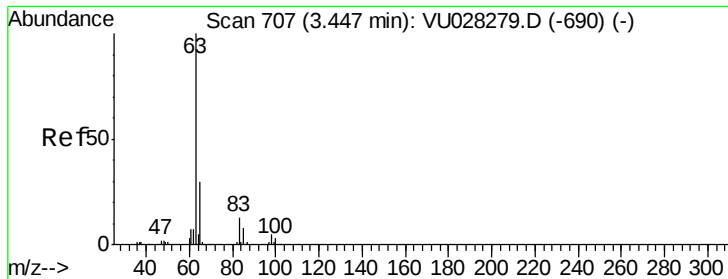
Delta R.T. -0.26 min

Lab File: VU028297.D

Acq: 20 Nov 2018 22:55

Tgt Ion:	96	Resp:	3292
Ion	Ratio	Lower	Upper
96	100		
61	200.5	122.2	227.0
98	48.9	44.9	83.5





#19

1,1-Dichloroethane

Concen: 0.73 ug/L

RT: 3.54 min Scan# 737

Delta R.T. 0.10 min

Lab File: VU028297.D

Acq: 20 Nov 2018 22:55

Instrument :

MSVOA_U

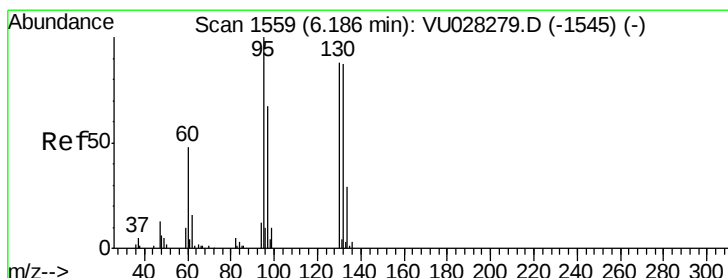
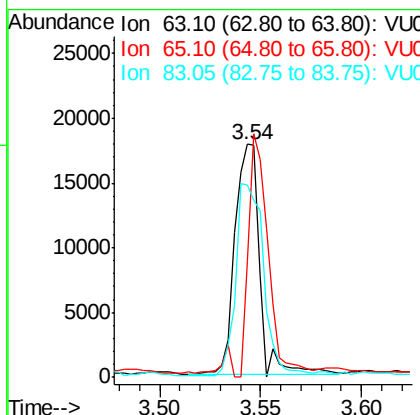
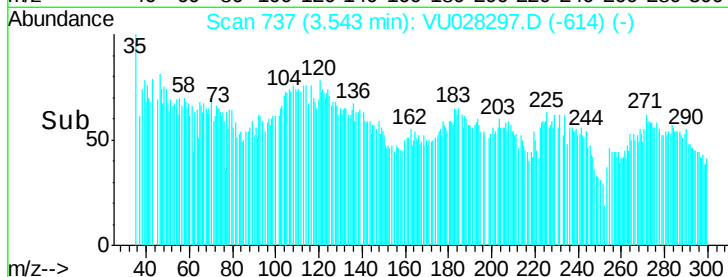
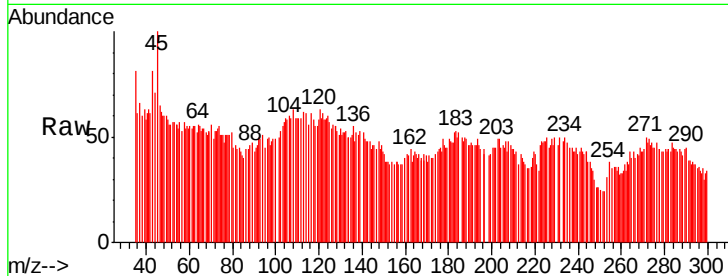
ClientSampleId :

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Tgt Ion:	63	Resp:	15491
Ion Ratio	Lower	Upper	
63	100		
65	49.5	21.2	39.4#
83	82.2	8.8	16.4#

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#34

Trichloroethene

Concen: 0.05 ug/L

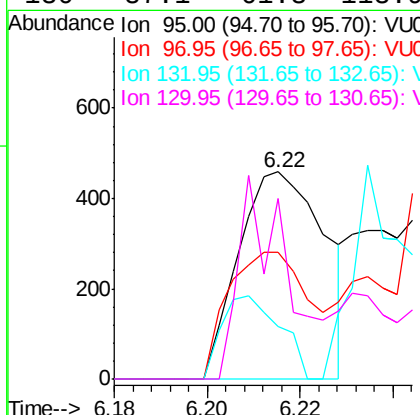
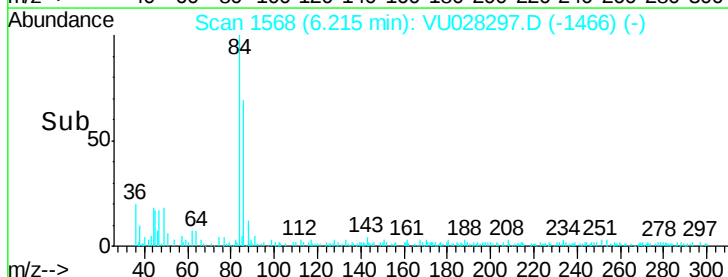
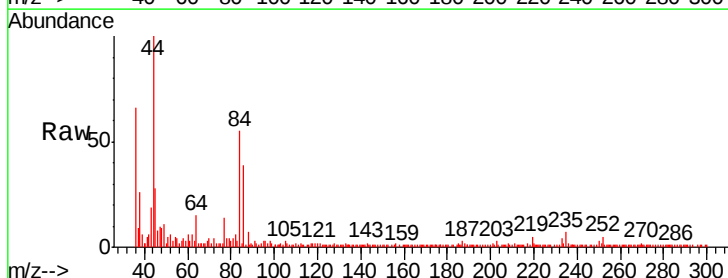
RT: 6.22 min Scan# 1568

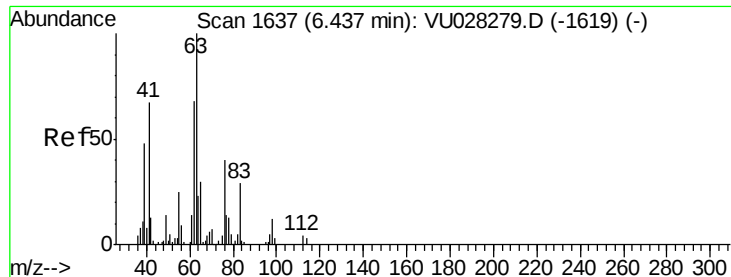
Delta R.T. 0.03 min

Lab File: VU028297.D

Acq: 20 Nov 2018 22:55

Tgt Ion:	95	Resp:	591
Ion Ratio	Lower	Upper	
95	100		
97	61.0	46.5	86.3
132	25.5	58.9	109.3#
130	87.1	61.3	113.9





#37

1,2-Dichloropropane

Concen: 0.03 ug/L

RT: 6.44 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VU028297.D

Acq: 20 Nov 2018 22:55

Instrument :

MSVOA_U

ClientSampleId :

H0FP6

Tgt Ion: 63 Resp: 427

Ion Ratio Lower Upper

63 100

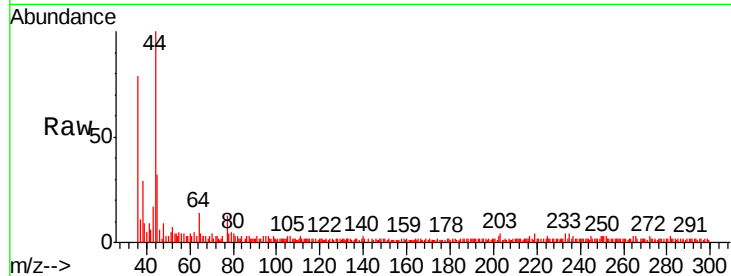
112 208.4 2.2 3.2#

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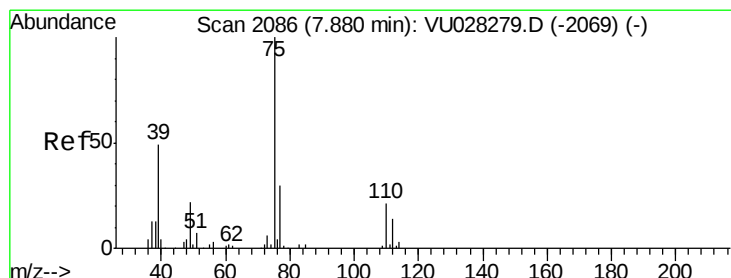
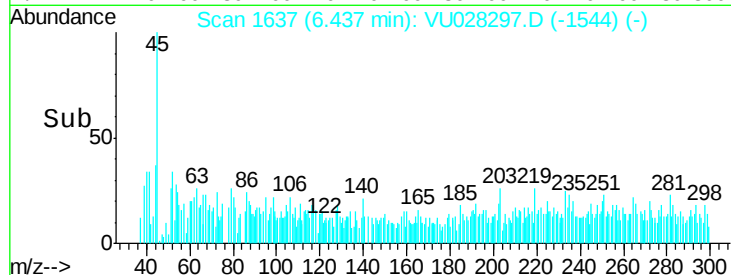
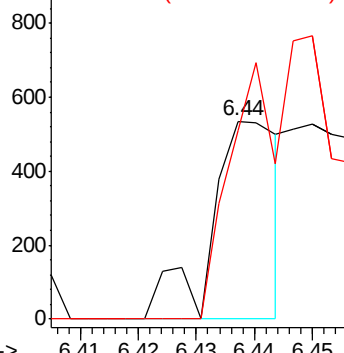
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Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V



#44

trans-1,3-Dichloropropene

Concen: 0.12 ug/L

RT: 7.88 min Scan# 2087

Delta R.T. 0.00 min

Lab File: VU028297.D

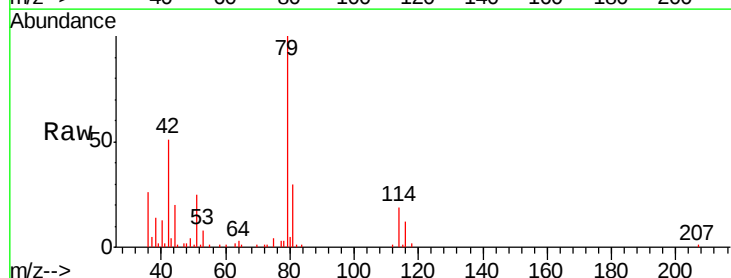
Acq: 20 Nov 2018 22:55

Tgt Ion: 75 Resp: 1437

Ion Ratio Lower Upper

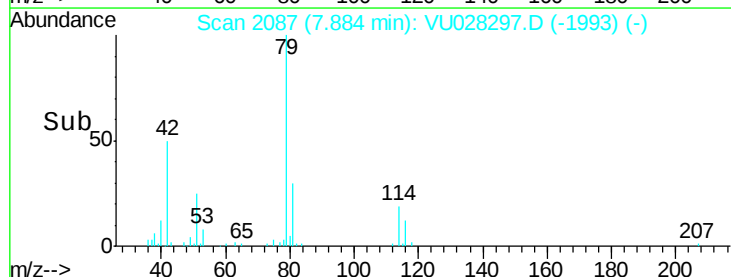
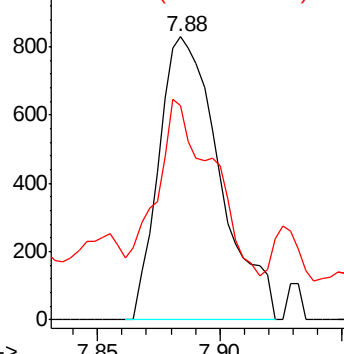
75 100

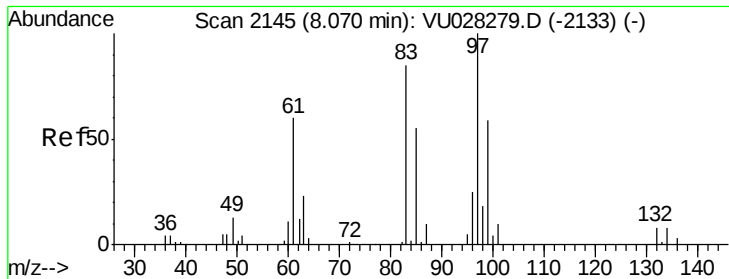
77 75.5 21.8 40.6#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0





#45

1,1,2-Trichloroethane

Concen: 0.56 ug/L

RT: 8.16 min Scan# 2173

Delta R.T. 0.09 min

Lab File: VU028297.D

Acq: 20 Nov 2018 22:55

Instrument :

MSVOA_U

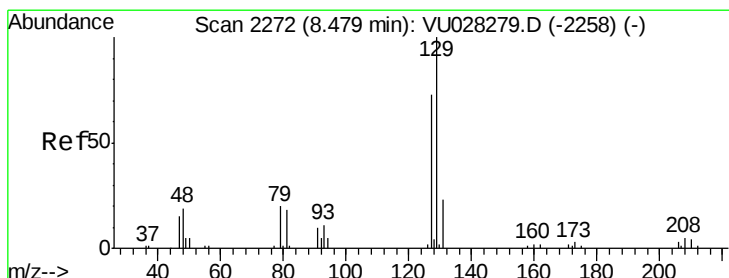
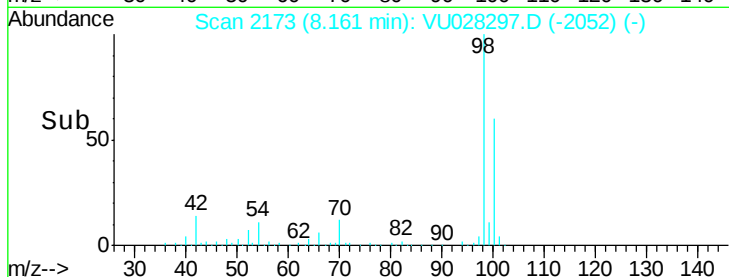
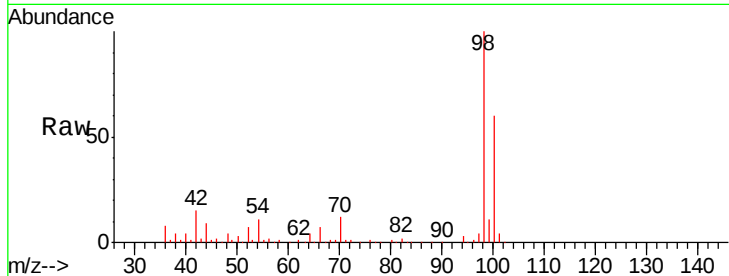
ClientSampleId :

H0FP6

Tgt Ion:	97	Resp:	4317
Ion	Ratio	Lower	Upper
97	100		
99	245.5	44.2	82.0#
83	5.8	63.3	117.5#
85	0.0	41.9	77.9#

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#49

Dibromochloromethane

Concen: 0.17 ug/L

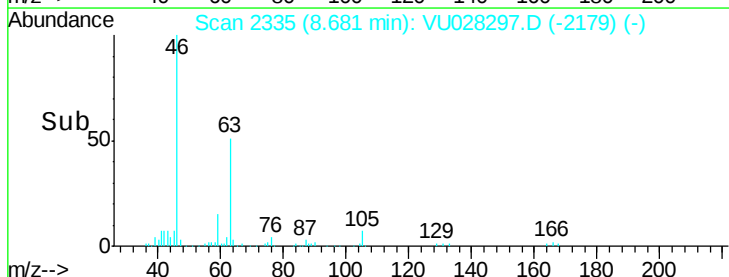
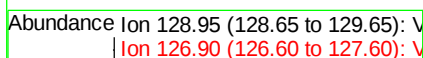
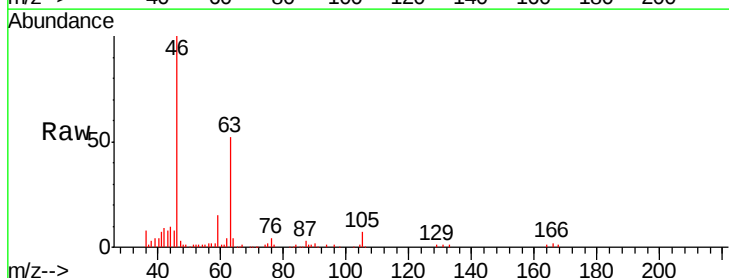
RT: 8.68 min Scan# 2335

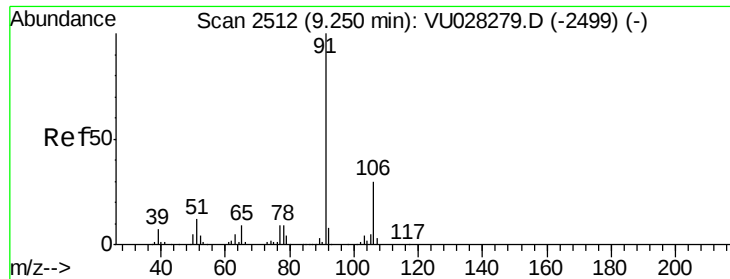
Delta R.T. 0.20 min

Lab File: VU028297.D

Acq: 20 Nov 2018 22:55

Tgt Ion:	129	Resp:	1308
Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.7	101.5#





#52

Ethylbenzene

Concen: 0.24 ug/L

RT: 9.52 min Scan# 2596

Delta R.T. 0.27 min

Lab File: VU028297.D

Acq: 20 Nov 2018 22:55

Instrument :

MSVOA_U

ClientSampled :

H0FP6

Tgt Ion: 91 Resp: 11672

Ion Ratio Lower Upper

91 100

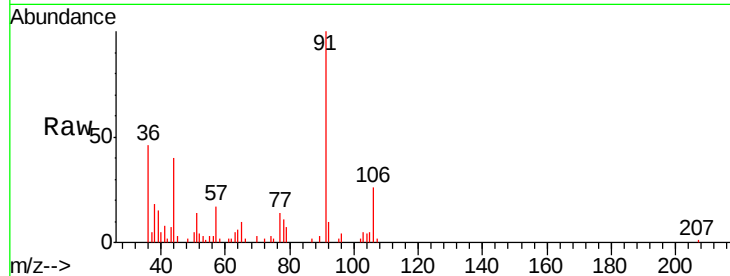
106 25.7 19.3 35.9

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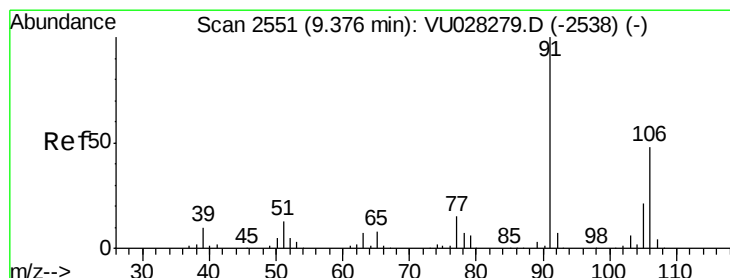
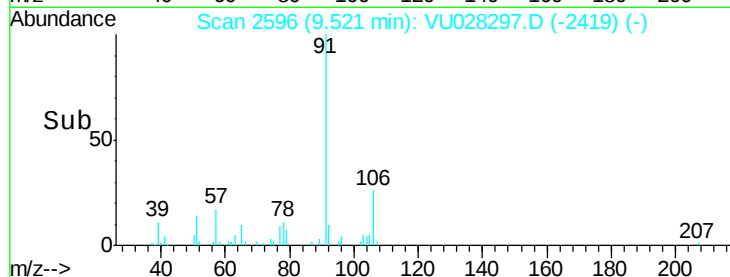
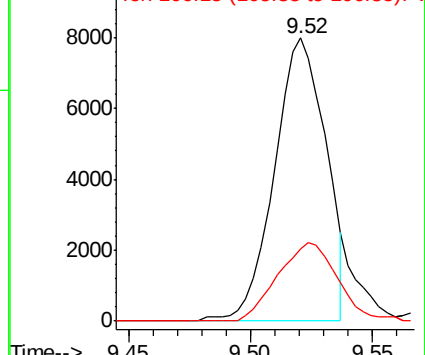
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Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 106.15 (105.85 to 106.85): V



#53

m,p-xylene

Concen: 0.59 ug/L

RT: 9.63 min Scan# 2629

Delta R.T. 0.25 min

Lab File: VU028297.D

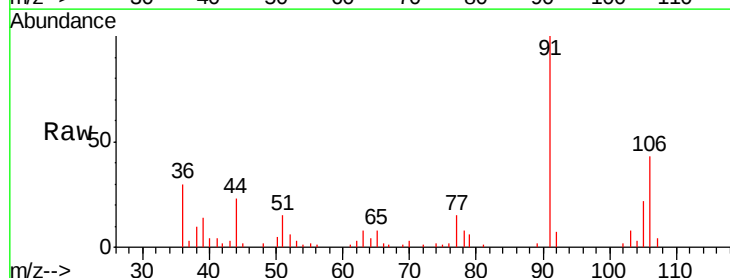
Acq: 20 Nov 2018 22:55

Tgt Ion: 106 Resp: 9841

Ion Ratio Lower Upper

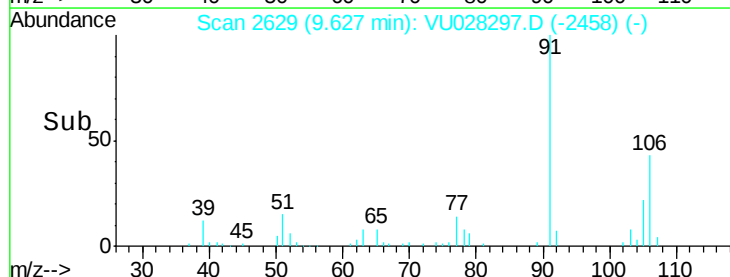
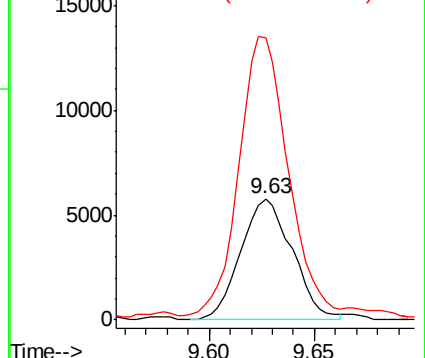
106 100

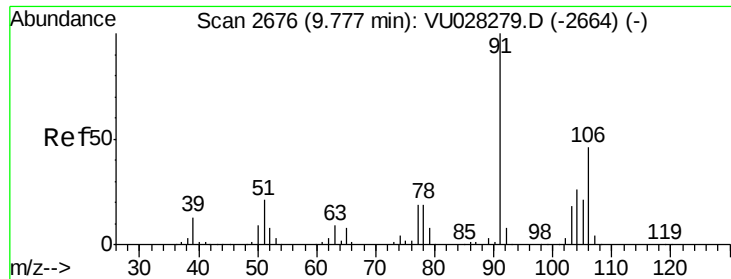
91 233.1 150.6 279.6



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0





#54

o-xylene

Concen: 0.60 ug/L

RT: 9.63 min Scan# 2629

Delta R.T. -0.15 min

Lab File: VU028297.D

Acq: 20 Nov 2018 22:55

Instrument :

MSVOA_U

ClientSampled :

H0FP6

Tgt Ion:106 Resp: 10006

Ion Ratio Lower Upper

106 100

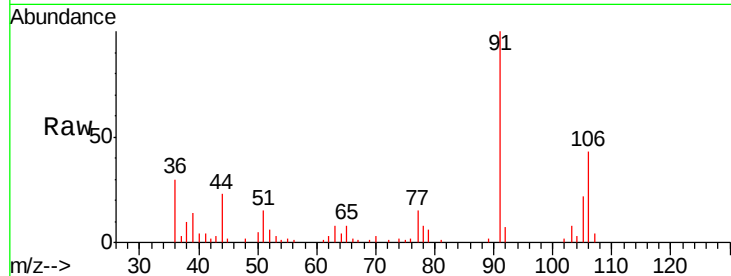
91 233.1 157.5 292.5

Manual Integrations

APPROVED

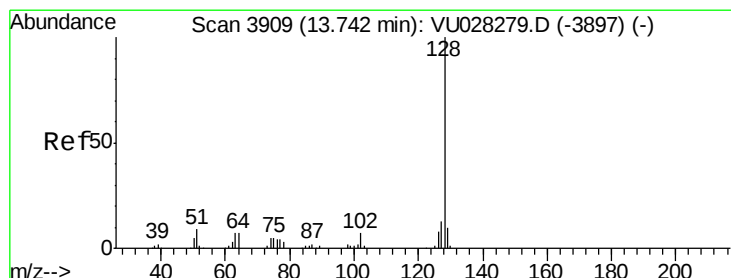
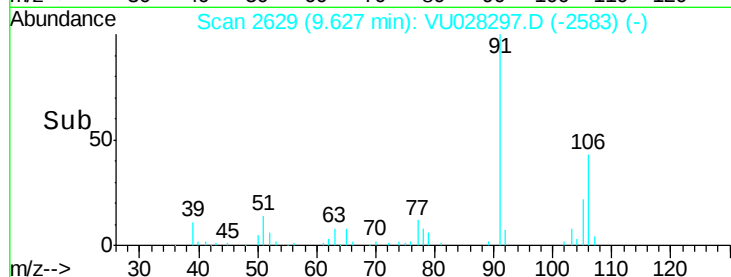
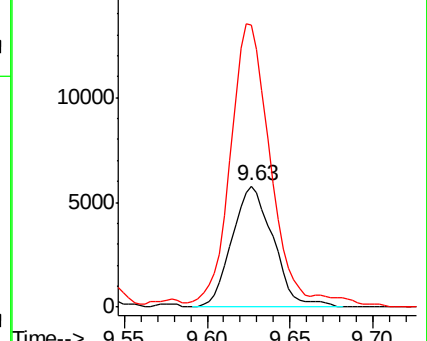
apatel

11/21/2018 12:20:01 PM



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0



#69

Naphthalene

Concen: 0.18 ug/L

RT: 13.76 min Scan# 3915

Delta R.T. 0.02 min

Lab File: VU028297.D

Acq: 20 Nov 2018 22:55

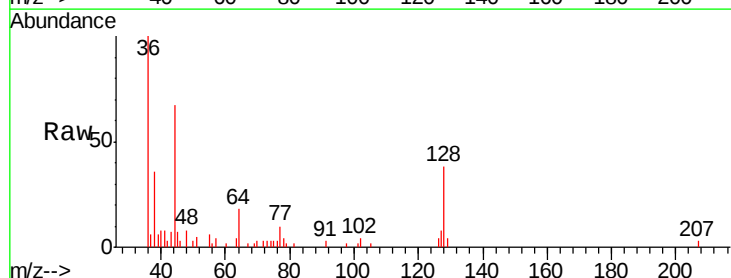
Tgt Ion:128 Resp: 3394

Ion Ratio Lower Upper

128 100

129 6.8 8.6 12.8#

127 17.6 10.7 16.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

