

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U100418\
 Data File : VU027398.D
 Acq On : 04 Oct 2018 11:13
 Operator : MD/SY
 Sample : J5084-11 50X
 Misc : 5.89g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 B-2(13-13.5)

Quant Time: Oct 05 03:12:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 02:04:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	97167	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	168171	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	160282	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	84790	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	100058	61.67	ug/l	0.00
Spiked Amount			Recovery	=	123.34%	
35) Dibromofluoromethane	4.89	113	69375	60.19	ug/l	0.00
Spiked Amount			Recovery	=	120.38%	
50) Toluene-d8	7.57	98	259371	60.13	ug/l	0.00
Spiked Amount			Recovery	=	120.26%	
62) 4-Bromofluorobenzene	10.31	95	92268	57.56	ug/l	0.00
Spiked Amount			Recovery	=	115.12%	

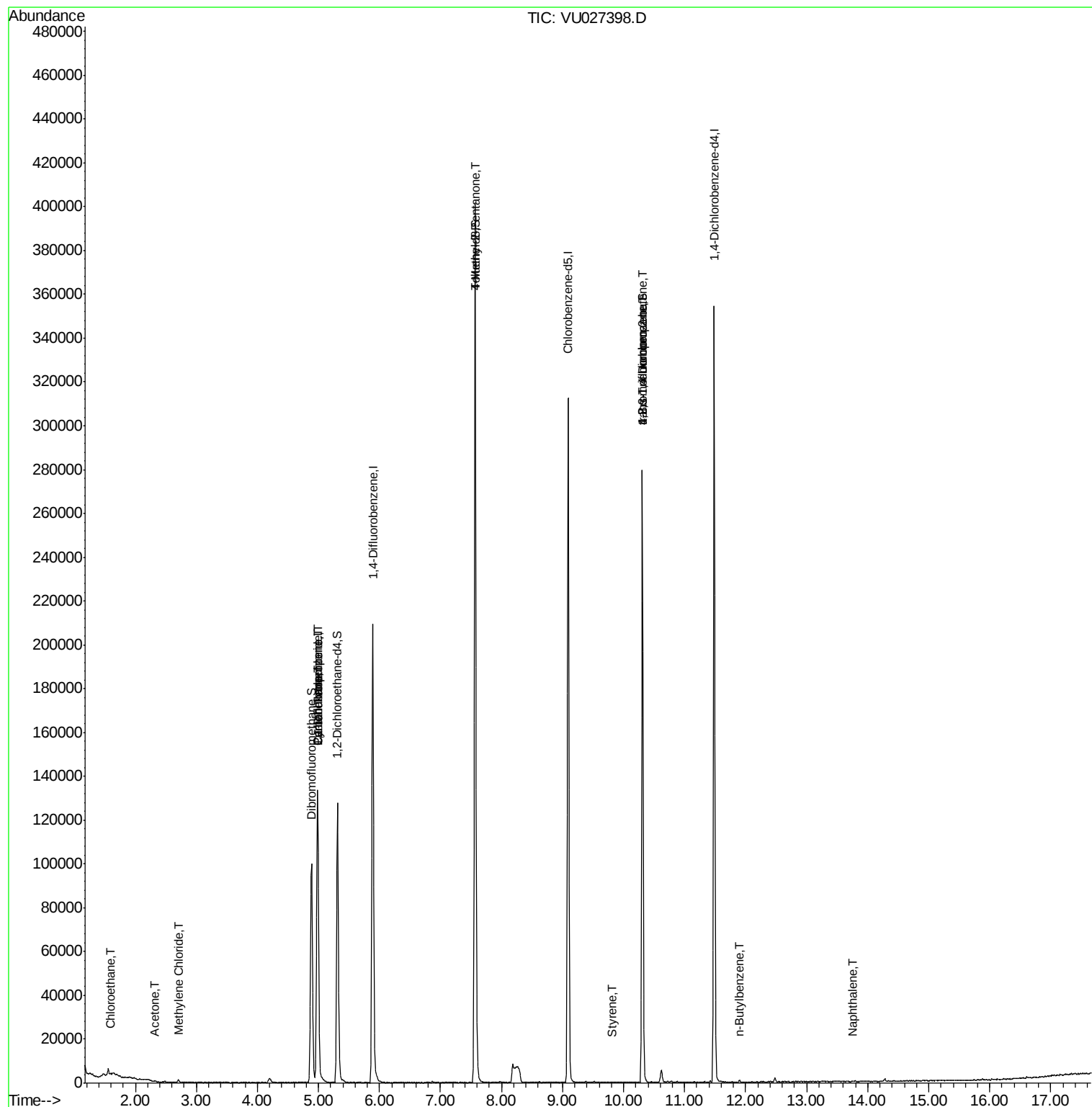
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.59	64	3255	3.038	ug/l #	44
16) Acetone	2.32	43	489	0.510	ug/l	97
20) Methylene Chloride	2.71	84	477	0.357	ug/l	85
31) Cyclohexane	4.98	56	2425	0.697	ug/l #	1
36) 1,1-Dichloropropene	4.99	75	8967	4.911	ug/l #	49
38) Carbon Tetrachloride	4.99	117	10086	6.115	ug/l #	19
51) 4-Methyl-2-Pentanone	7.57	43	1279	0.537	ug/l #	1
70) Styrene	9.81	104	127	2.330	ug/l #	24
76) 1,2,3-Trichloropropane	10.31	75	49487	22.515	ug/l #	36
81) trans-1,4-Dichloro-2-buten	10.31	75	49487	58.924	ug/l #	100
89) n-Butylbenzene	11.89	91	427	2.023	ug/l #	76
95) Naphthalene	13.75	128	70	1.671	ug/l #	69

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

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Operator : MD/SY
Sample : J5084-11 50X
Misc : 5.89g/5mL/100uL/5.0mL/MSVOA_U/MEOH
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B-2(13-13.5)

Quant Time: Oct 05 03:12:45 2018
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Quant Title : SW846 8260
QLast Update : Tue Oct 02 02:04:34 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027398.D

Acq: 04 Oct 2018 11:13

Instrument :

MSVOA_U

ClientSampleId :

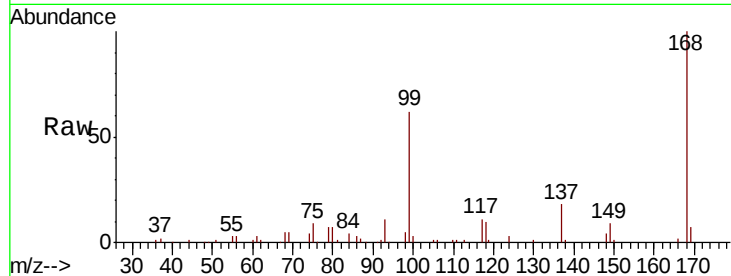
B-2(13-13.5)

Tgt Ion:168 Resp: 97167

Ion Ratio Lower Upper

168 100

99 61.7 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): VU027314.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU027314.D (-1169) (-)

4.99

40000

30000

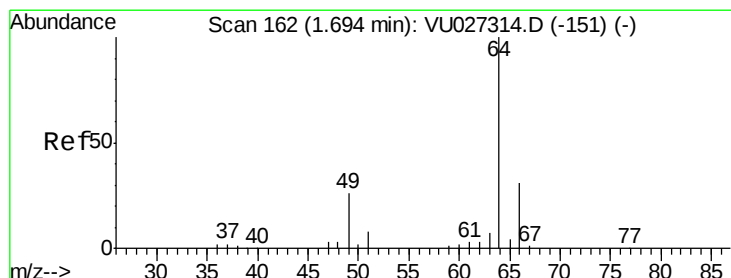
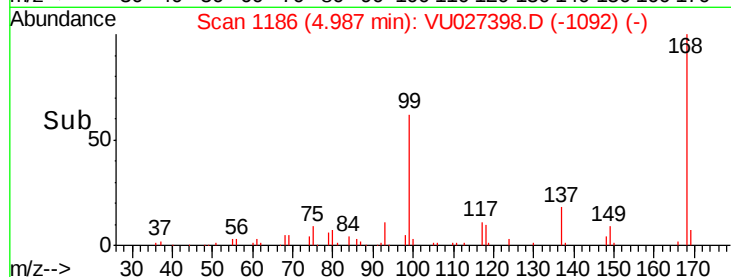
20000

10000

0

4.90 5.00 5.10

Time-->



#6

Chloroethane

Concen: 3.038 ug/l

RT: 1.59 min Scan# 131

Delta R.T. -0.10 min

Lab File: VU027398.D

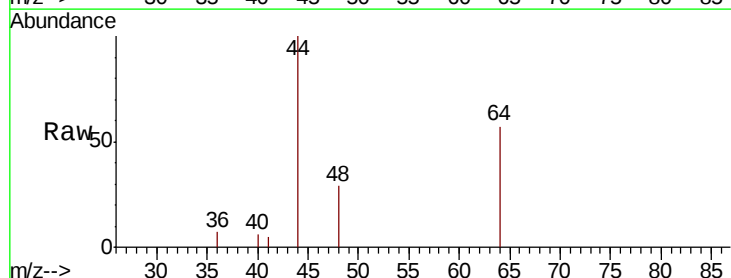
Acq: 04 Oct 2018 11:13

Tgt Ion: 64 Resp: 3255

Ion Ratio Lower Upper

64 100

66 0.0 24.6 36.8#



Abundance Ion 63.90 (63.60 to 64.60): VU027314.D (-151) (-)

Ion 65.90 (65.60 to 66.60): VU027314.D (-151) (-)

1.59

1500

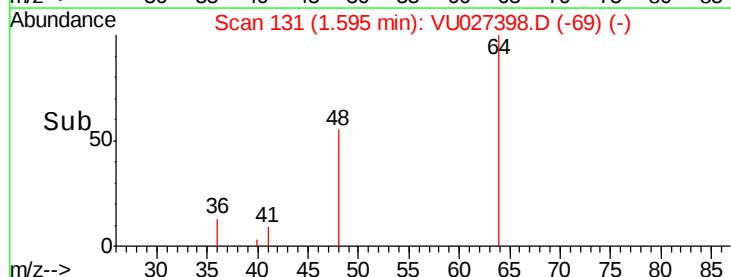
1000

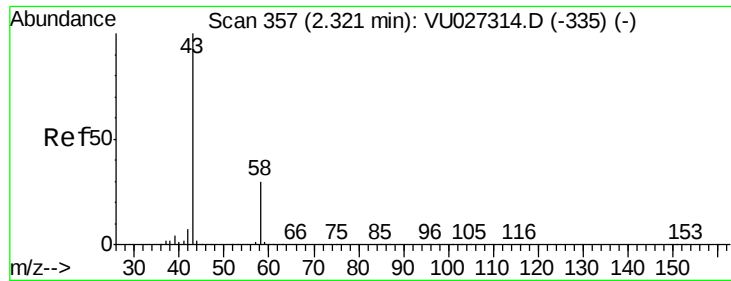
500

0

1.45 1.50 1.55 1.60

Time-->





#16

Acetone

Concen: 0.510 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU027398.D

Acq: 04 Oct 2018 11:13

Instrument :

MSVOA_U

ClientSampleId :

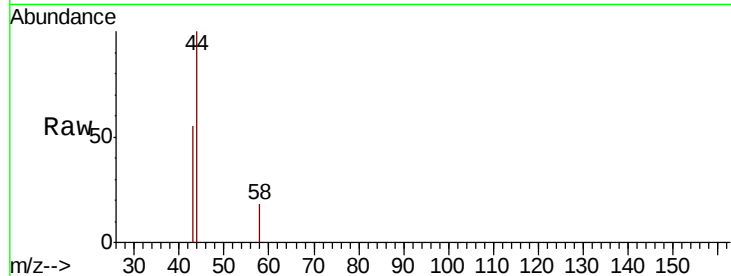
B-2(13-13.5)

Tgt Ion: 43 Resp: 489

Ion Ratio Lower Upper

43 100

58 31.9 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VU027314.D (-335) (-)

Ion 58.00 (57.70 to 58.70): VU027314.D (-335) (-)

2.32

300

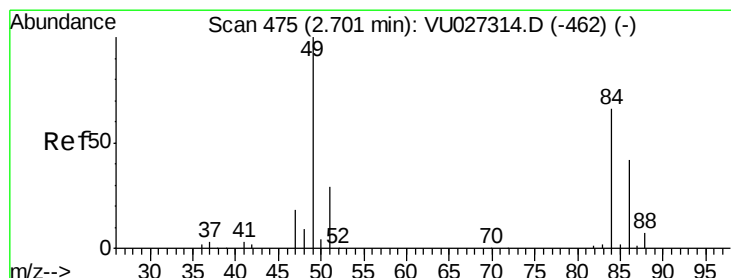
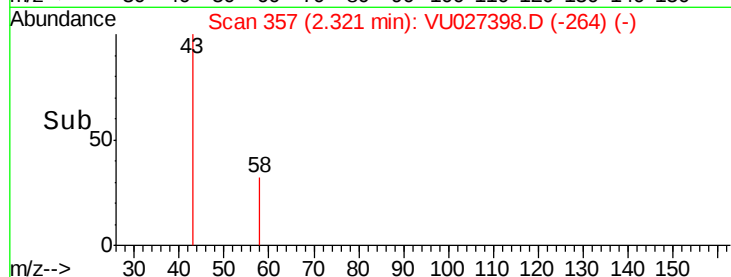
200

100

0

2.30 2.32 2.34 2.36

Time-->



#20

Methylene Chloride

Concen: 0.357 ug/l

RT: 2.71 min Scan# 475

Delta R.T. 0.01 min

Lab File: VU027398.D

Acq: 04 Oct 2018 11:13

Tgt Ion: 84 Resp: 477

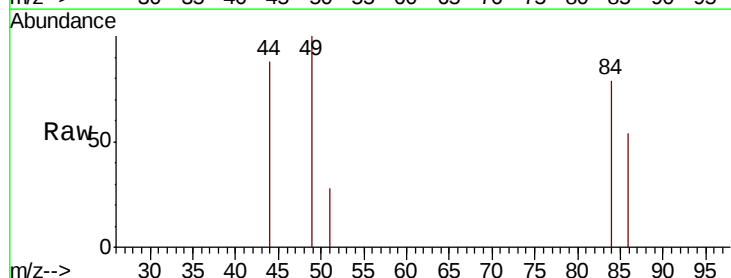
Ion Ratio Lower Upper

84 100

49 126.7 120.5 180.7

51 35.4 35.1 52.7

86 68.8 50.5 75.7



Abundance Ion 83.90 (83.60 to 84.60): VU027314.D (-462) (-)

Ion 48.90 (48.60 to 49.60): VU027314.D (-462) (-)

Ion 50.90 (50.60 to 51.60): VU027314.D (-462) (-)

Ion 85.90 (85.60 to 86.60): VU027314.D (-462) (-)

2.71

800

600

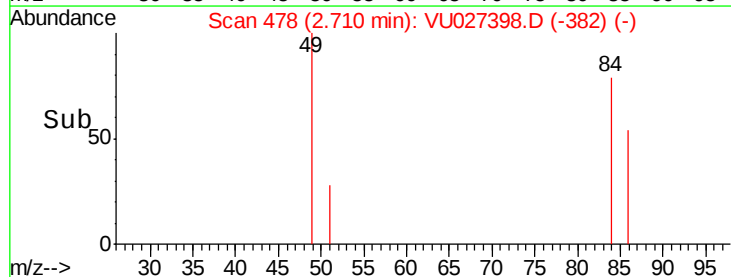
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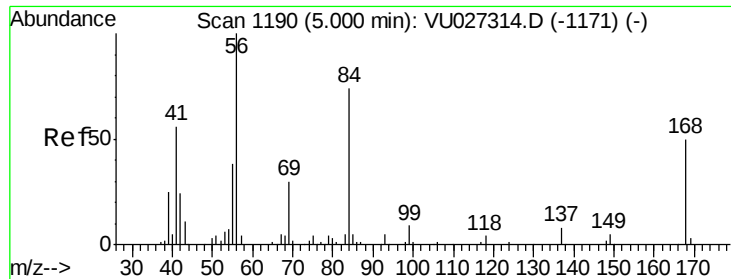
200

0

2.66 2.68 2.70 2.72 2.74

Time-->

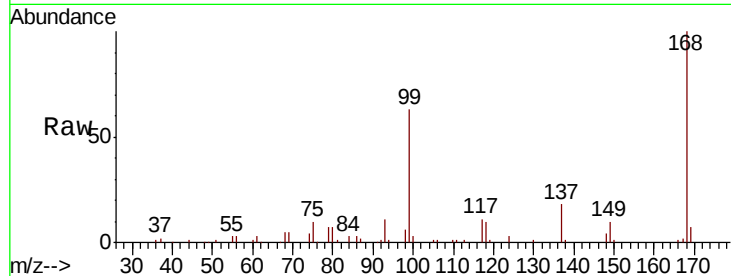




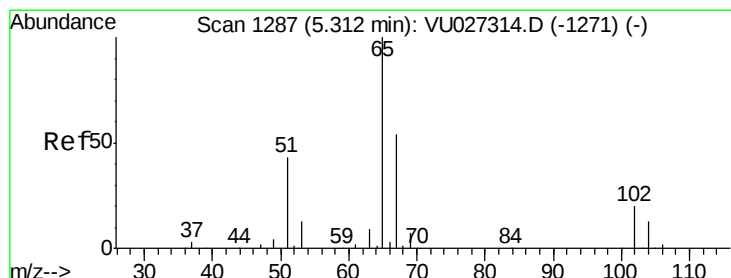
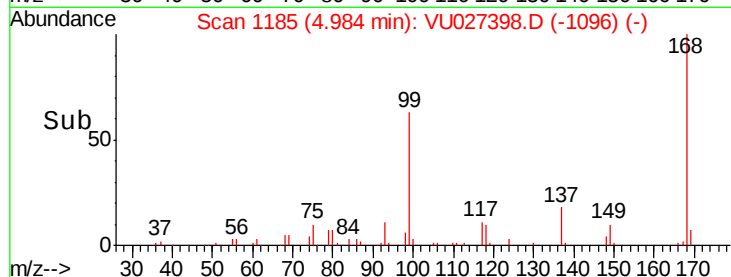
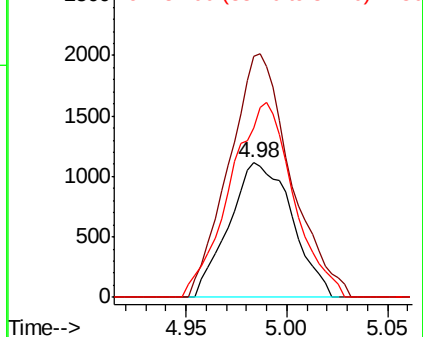
#31
Cyclohexane
Concen: 0.697 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.02 min
Lab File: VU027398.D
Acq: 04 Oct 2018 11:13

Instrument :
MSVOA_U
ClientSampleId :
B-2(13-13.5)

Tgt Ion: 56 Resp: 2425
Ion Ratio Lower Upper
56 100
69 178.7 24.1 36.1#
84 116.2 59.1 88.7#

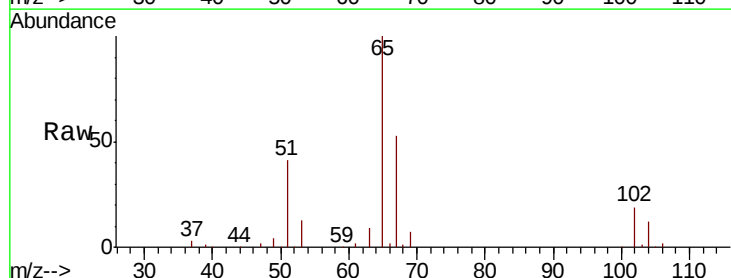


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

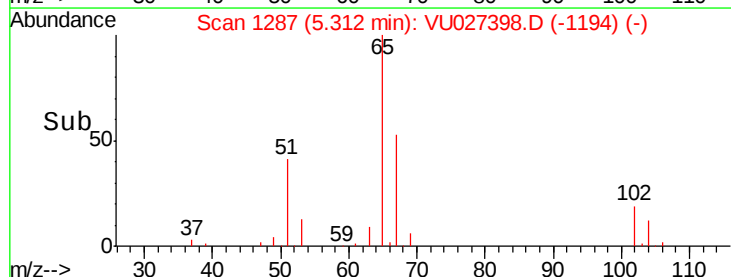
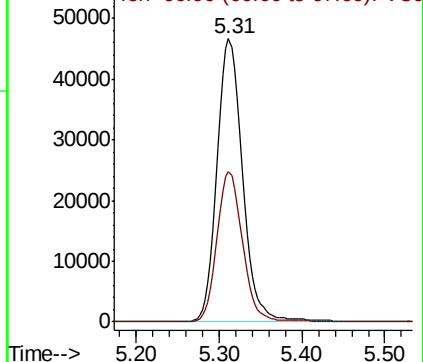


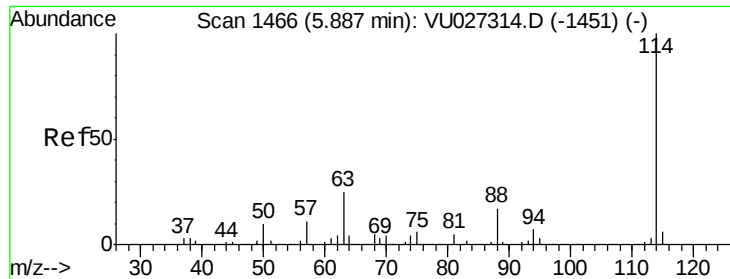
#33
1,2-Dichloroethane-d4
Concen: 61.668 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. 0.00 min
Lab File: VU027398.D
Acq: 04 Oct 2018 11:13

Tgt Ion: 65 Resp: 100058
Ion Ratio Lower Upper
65 100
67 52.6 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VU0
Ion 66.90 (66.60 to 67.60): VU0

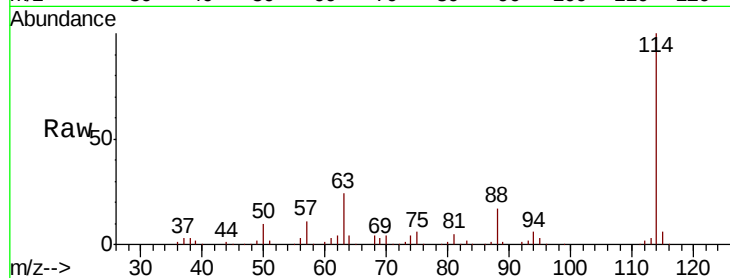




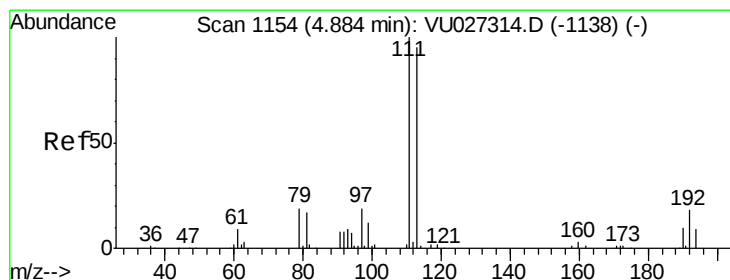
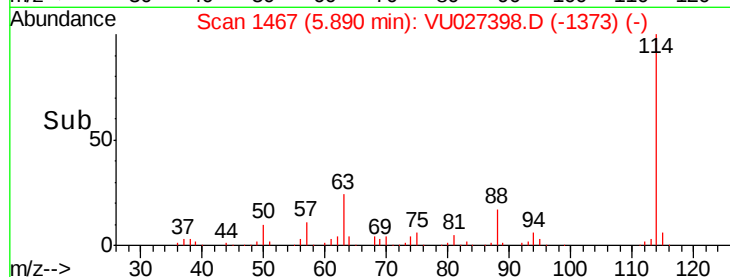
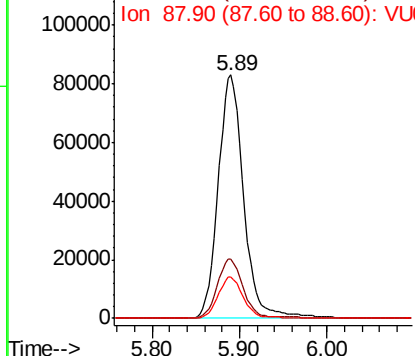
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027398.D
 Acq: 04 Oct 2018 11:13

Instrument :
 MSVOA_U
 ClientSampleId :
 B-2(13-13.5)

Tgt Ion:114 Resp: 168171
 Ion Ratio Lower Upper
 114 100
 63 24.3 0.0 50.2
 88 17.1 0.0 33.8

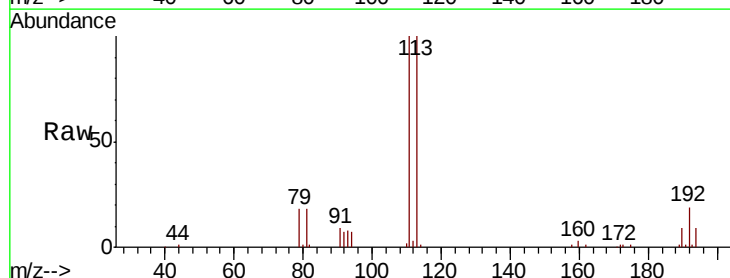


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

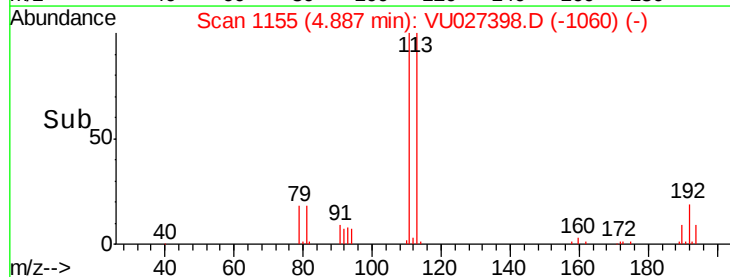
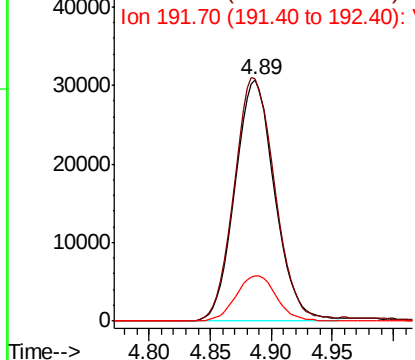


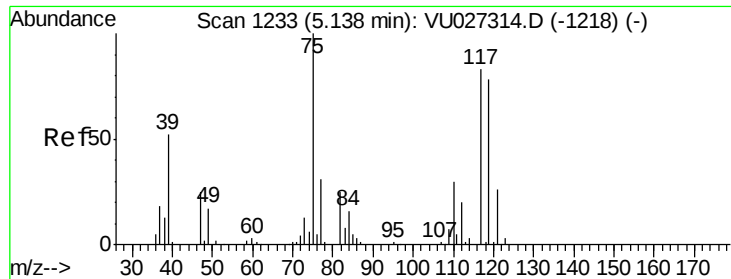
#35
 Dibromofluoromethane
 Concen: 60.194 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027398.D
 Acq: 04 Oct 2018 11:13

Tgt Ion:113 Resp: 69375
 Ion Ratio Lower Upper
 113 100
 111 103.2 83.1 124.7
 192 19.1 15.4 23.0



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

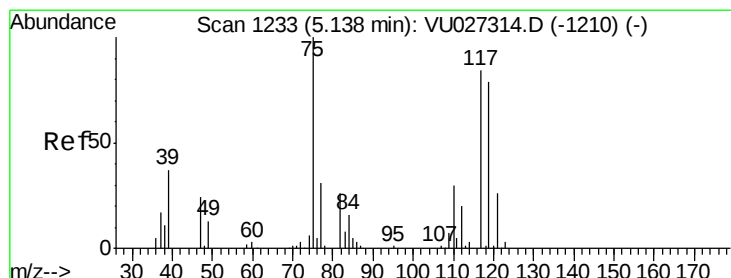
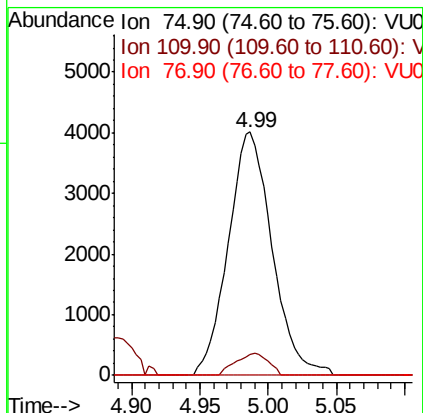
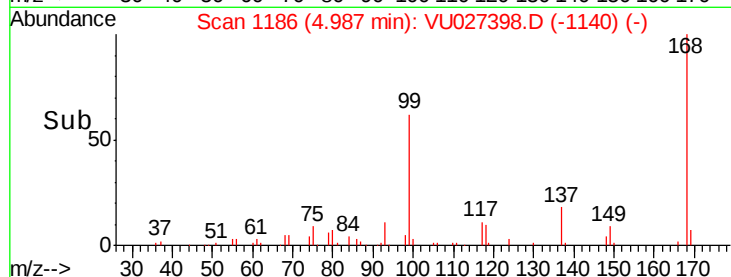
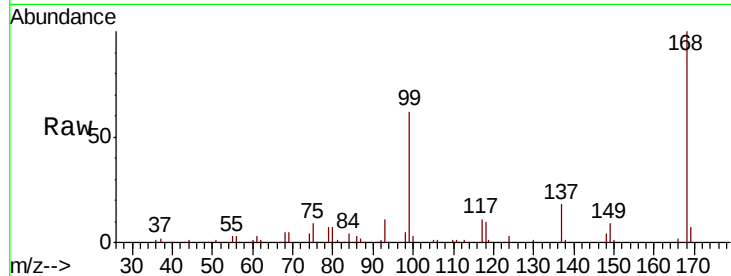




#36
 1,1-Dichloropropene
 Concen: 4.911 ug/l
 RT: 4.99 min Scan# 1186
 Delta R.T. -0.15 min
 Lab File: VU027398.D
 Acq: 04 Oct 2018 11:13

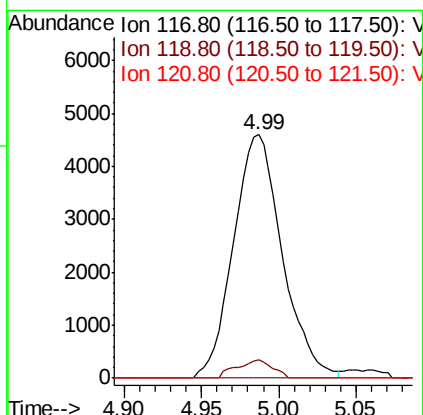
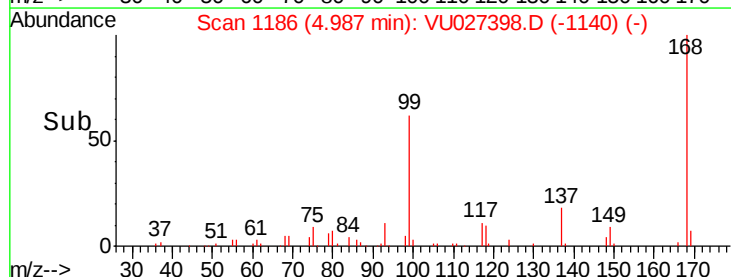
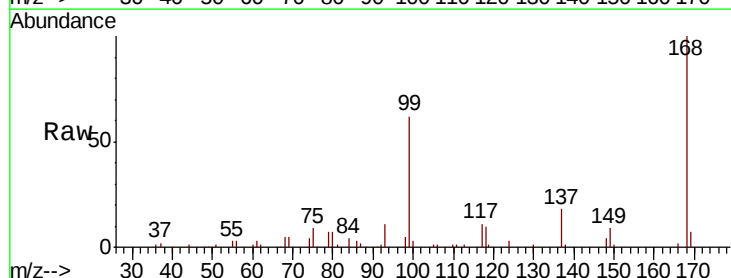
Instrument :
 MSVOA_U
 ClientSampleID :
 B-2(13-13.5)

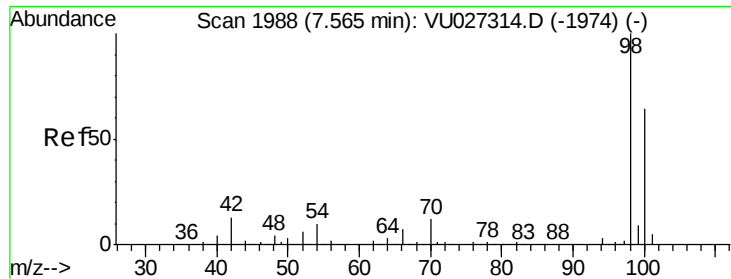
Tgt Ion: 75 Resp: 8967
 Ion Ratio Lower Upper
 75 100
 110 6.7 15.5 46.5#
 77 0.0 25.4 38.0#



#38
 Carbon Tetrachloride
 Concen: 6.115 ug/l
 RT: 4.99 min Scan# 1186
 Delta R.T. -0.15 min
 Lab File: VU027398.D
 Acq: 04 Oct 2018 11:13

Tgt Ion: 117 Resp: 10086
 Ion Ratio Lower Upper
 117 100
 119 7.4 74.5 111.7#
 121 0.0 24.6 37.0#

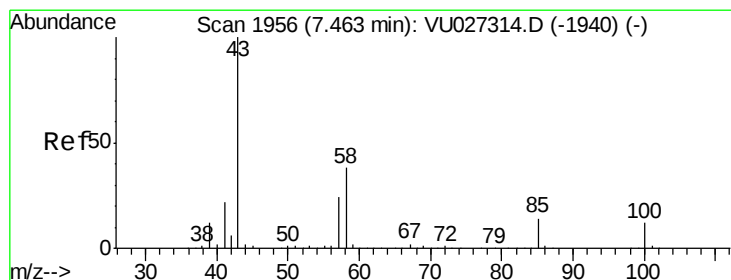
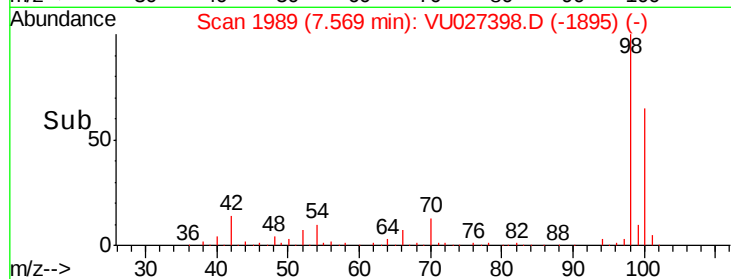
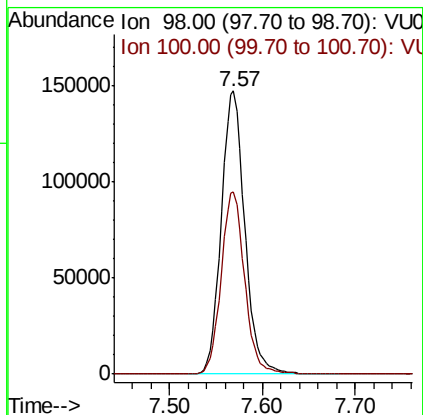
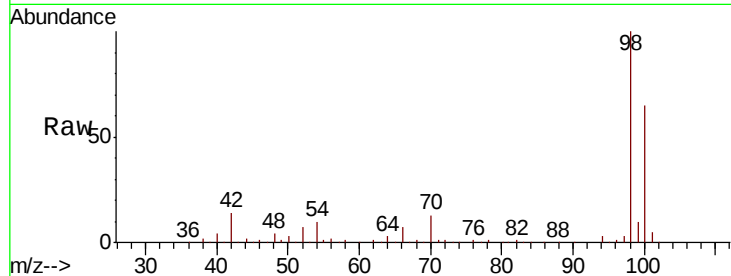




#50
Toluene-d8
Concen: 60.129 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VU027398.D
Acq: 04 Oct 2018 11:13

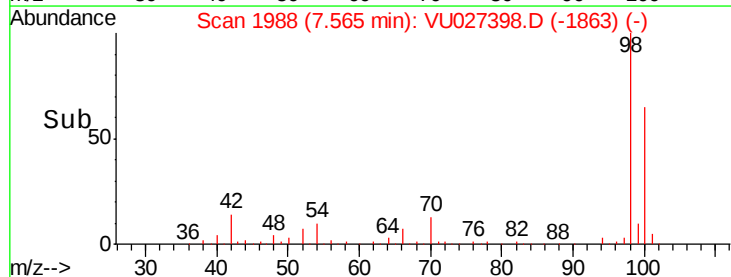
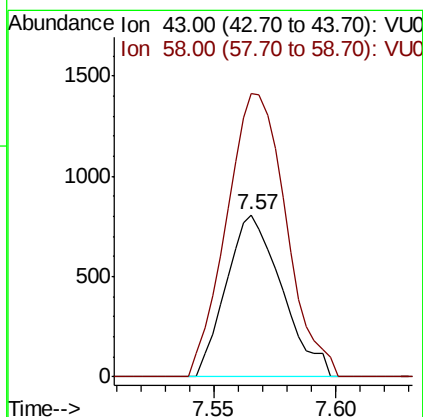
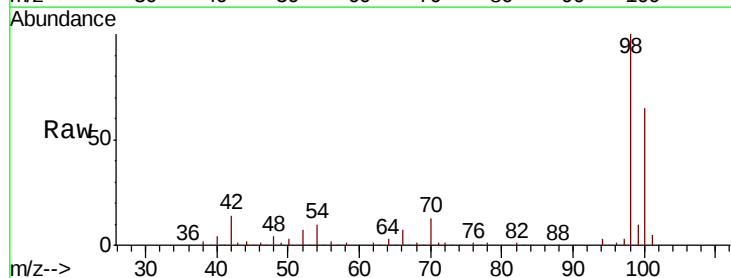
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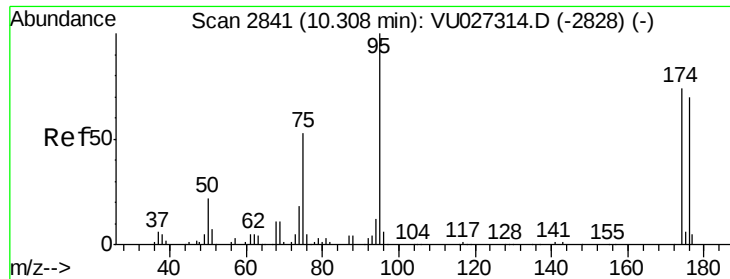
Tgt Ion: 98 Resp: 259371
Ion Ratio Lower Upper
98 100
100 64.2 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 0.537 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.10 min
Lab File: VU027398.D
Acq: 04 Oct 2018 11:13

Tgt Ion: 43 Resp: 1279
Ion Ratio Lower Upper
43 100
58 187.3 29.8 44.8#

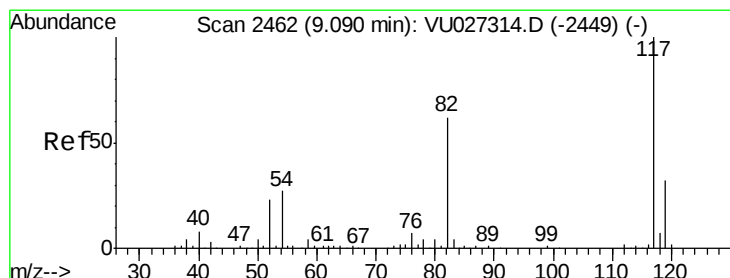
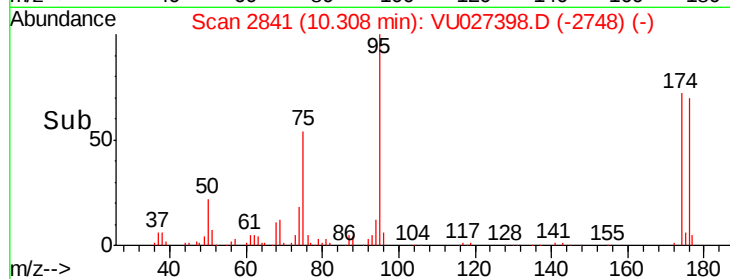
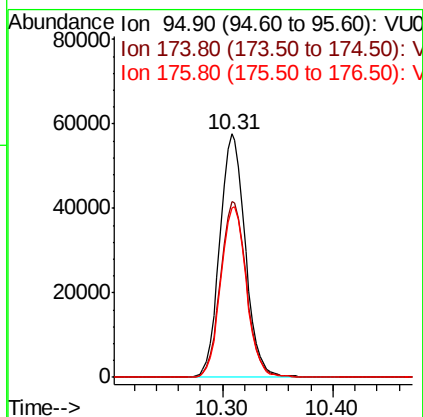
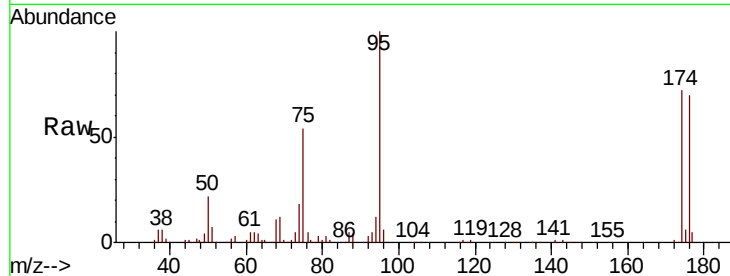




#62
4-Bromofluorobenzene
Concen: 57.557 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU027398.D
Acq: 04 Oct 2018 11:13

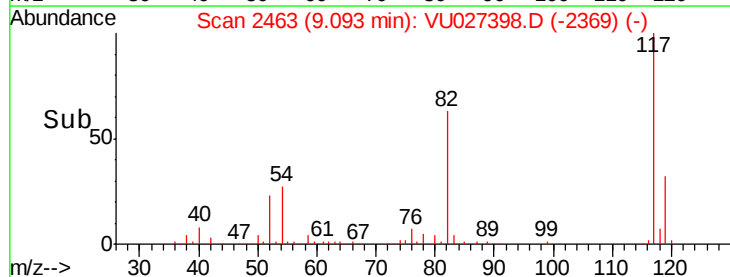
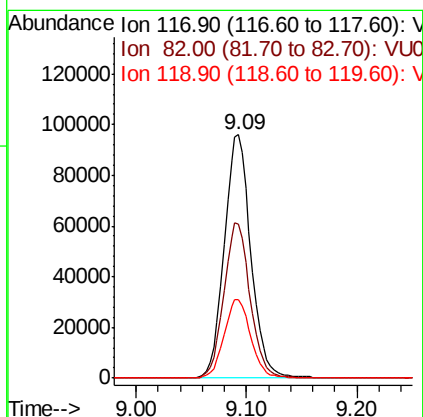
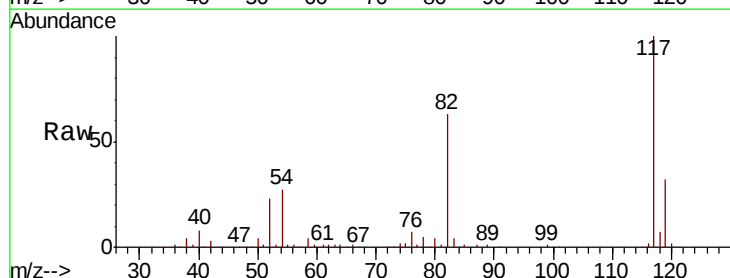
Instrument :
MSVOA_U
ClientSampleId :
B-2(13-13.5)

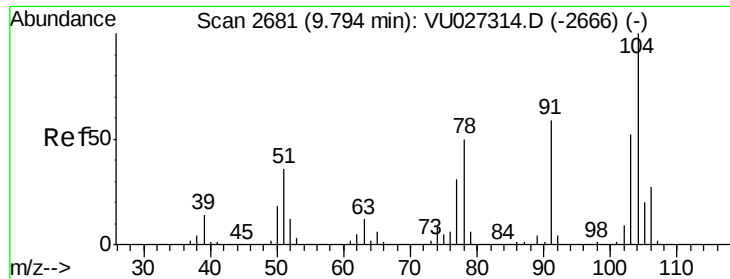
Tgt Ion: 95 Resp: 92268
Ion Ratio Lower Upper
95 100
174 73.4 0.0 147.8
176 70.8 0.0 140.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU027398.D
Acq: 04 Oct 2018 11:13

Tgt Ion: 117 Resp: 160282
Ion Ratio Lower Upper
117 100
82 63.4 49.2 73.8
119 32.0 25.7 38.5

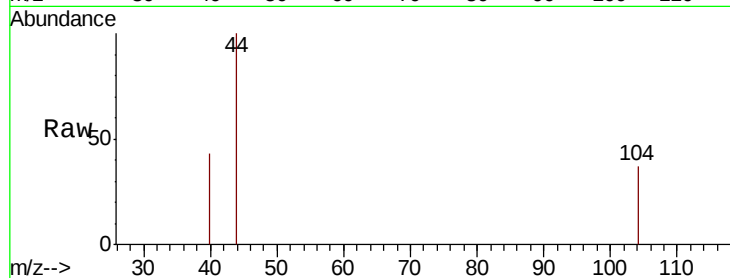




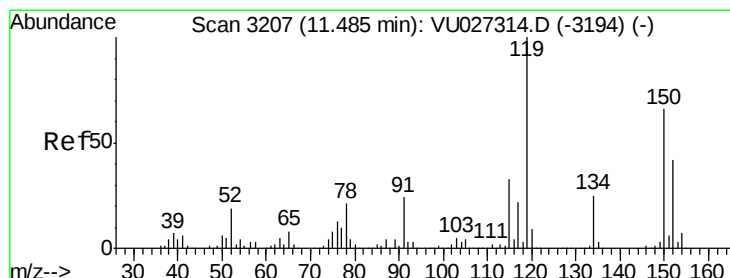
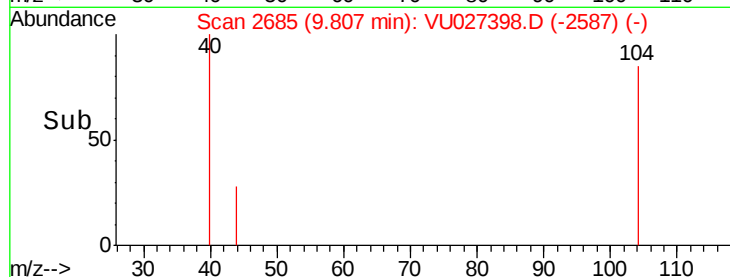
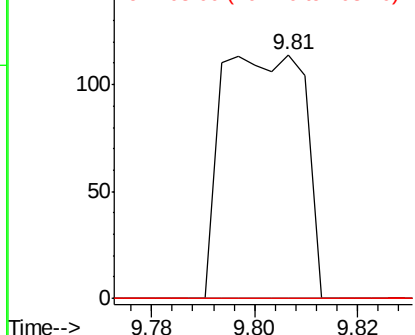
#70
Styrene
Concen: 2.330 ug/l
RT: 9.81 min Scan# 2685
Delta R.T. 0.01 min
Lab File: VU027398.D
Acq: 04 Oct 2018 11:13

Instrument :
MSVOA_U
ClientSampleId :
B-2(13-13.5)

Tgt Ion:104 Resp: 127
Ion Ratio Lower Upper
104 100
78 0.0 42.9 64.3#
103 0.0 43.9 65.9#

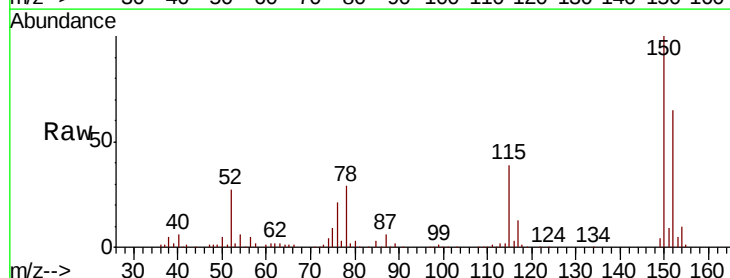


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0
Ion 103.00 (102.70 to 103.70): V

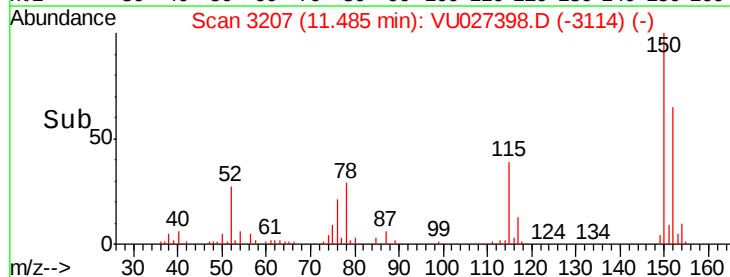
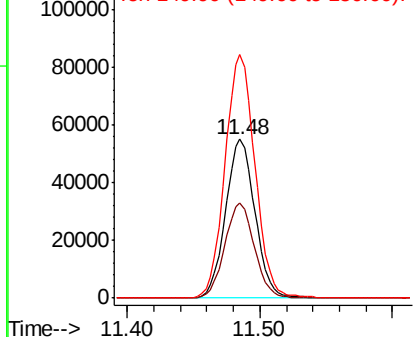


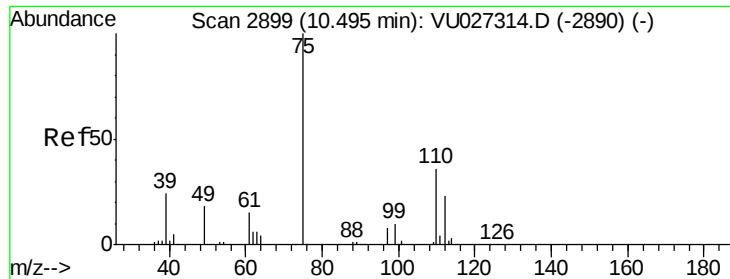
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. -0.00 min
Lab File: VU027398.D
Acq: 04 Oct 2018 11:13

Tgt Ion:152 Resp: 84790
Ion Ratio Lower Upper
152 100
115 60.5 43.4 130.2
150 156.4 0.0 349.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 22.515 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.19 min

Lab File: VU027398.D

Acq: 04 Oct 2018 11:13

Instrument :

MSVOA_U

ClientSampleId :

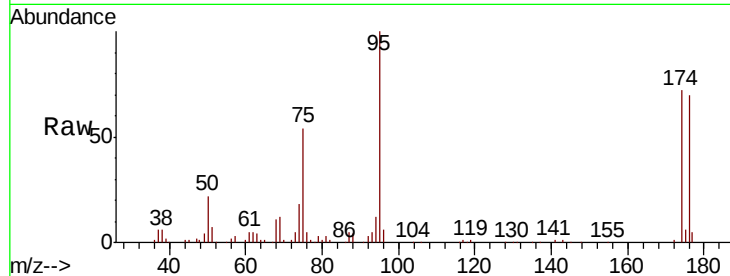
B-2(13-13.5)

Tgt Ion: 75 Resp: 49487

Ion Ratio Lower Upper

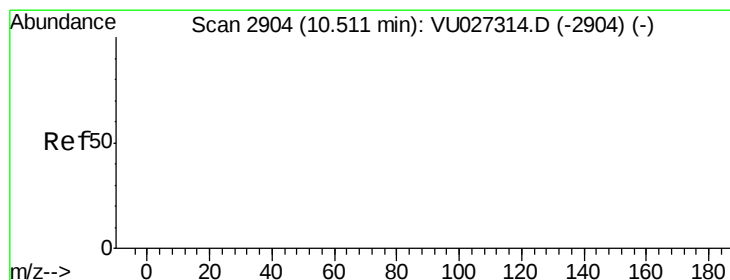
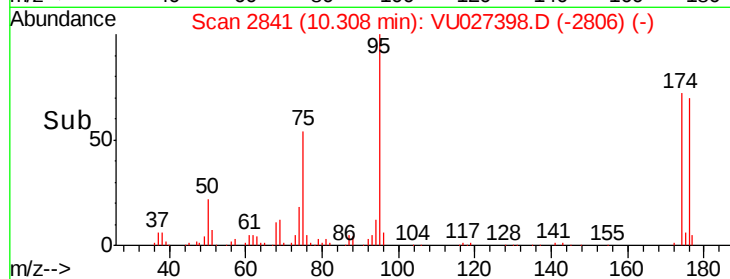
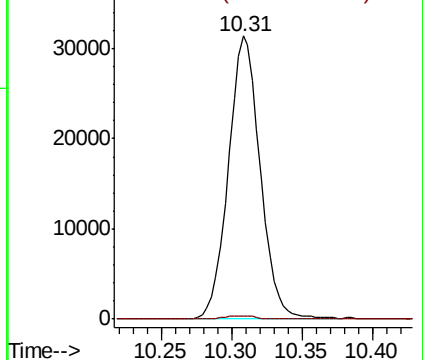
75 100

77 1.0 20.3 60.9#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0



#81

trans-1,4-Dichloro-2-butene

Concen: 58.924 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.20 min

Lab File: VU027398.D

Acq: 04 Oct 2018 11:13

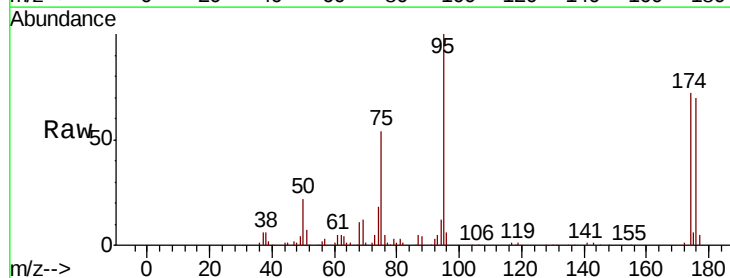
Tgt Ion: 75 Resp: 49487

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

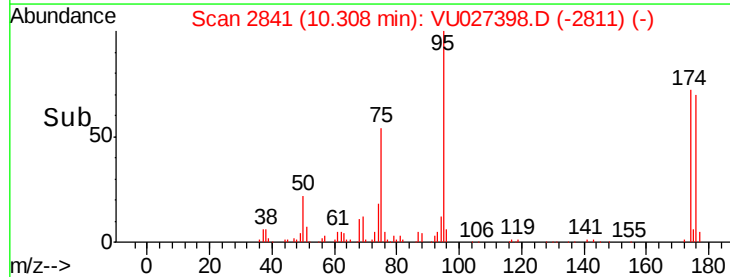
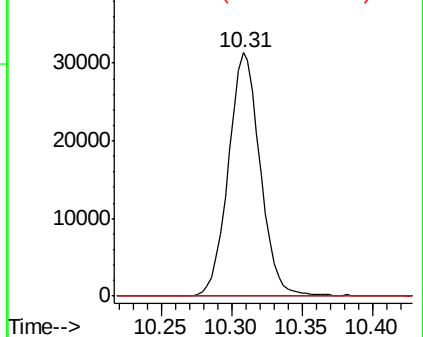
89 0.0 0.0 0.0

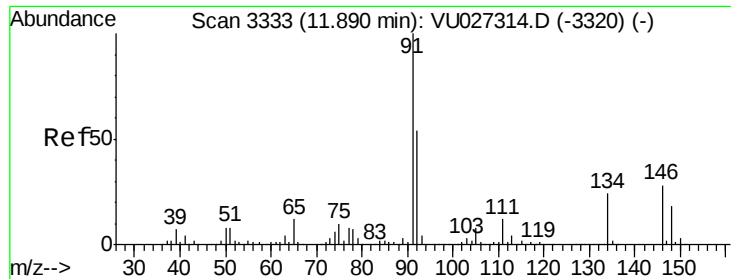


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0





#89

n-Butylbenzene

Concen: 2.023 ug/l

RT: 11.89 min Scan# 3334

Delta R.T. 0.00 min

Lab File: VU027398.D

Acq: 04 Oct 2018 11:13

Instrument :

MSVOA_U

ClientSampleId :

B-2(13-13.5)

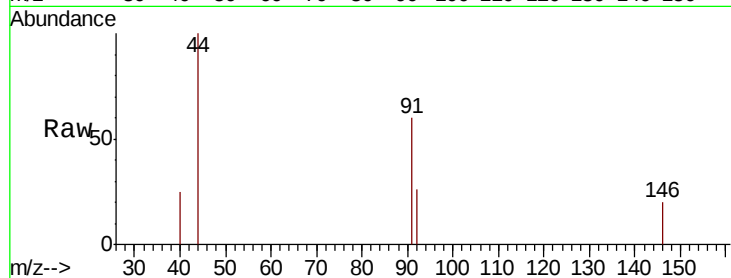
Tgt Ion: 91 Resp: 427

Ion Ratio Lower Upper

91 100

92 43.8 27.0 81.0

134 0.0 11.7 35.1#

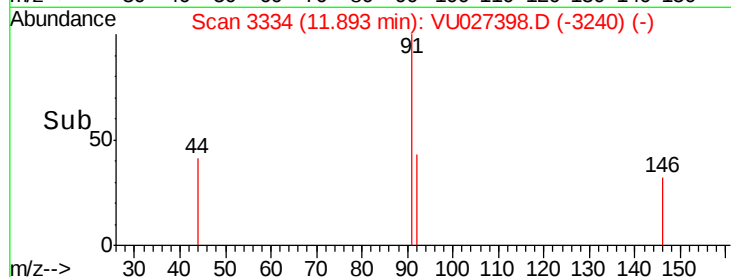


Abundance Ion 91.00 (90.70 to 91.70): VU027314.D (-3320) (-)

Ion 92.00 (91.70 to 92.70): VU027314.D (-3320) (-)

Ion 134.00 (133.70 to 134.70): VU027314.D (-3320) (-)

Time-->

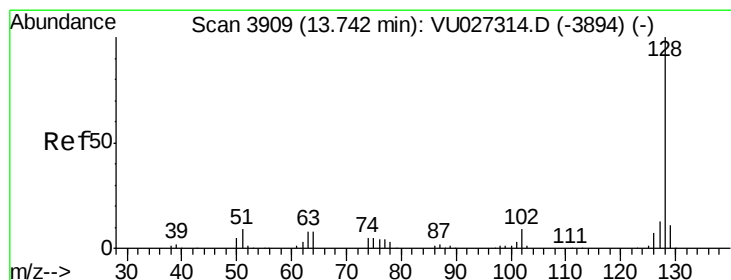


Abundance Ion 91.00 (90.70 to 91.70): VU027398.D (-3240) (-)

Ion 92.00 (91.70 to 92.70): VU027398.D (-3240) (-)

Ion 134.00 (133.70 to 134.70): VU027398.D (-3240) (-)

Time-->



#95

Naphthalene

Concen: 1.671 ug/l

RT: 13.75 min Scan# 3913

Delta R.T. 0.01 min

Lab File: VU027398.D

Acq: 04 Oct 2018 11:13

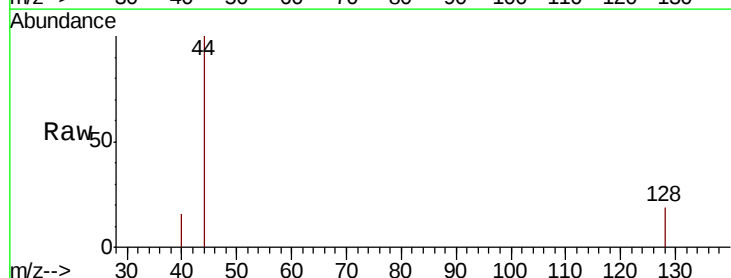
Tgt Ion: 128 Resp: 70

Ion Ratio Lower Upper

128 100

127 0.0 10.5 15.7#

129 0.0 8.6 12.8#

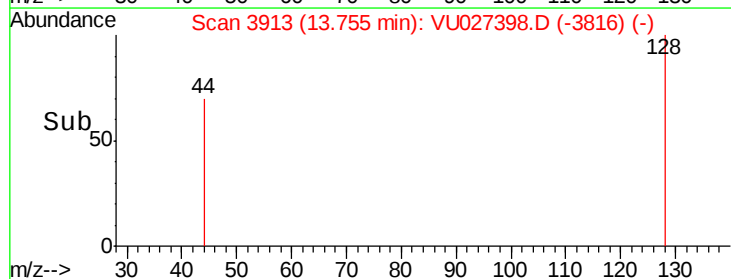


Abundance Ion 128.00 (127.70 to 128.70): VU027314.D (-3894) (-)

Ion 127.00 (126.70 to 127.70): VU027314.D (-3894) (-)

Ion 129.00 (128.70 to 129.70): VU027314.D (-3894) (-)

Time-->



Abundance Ion 128.00 (127.70 to 128.70): VU027398.D (-3816) (-)

Ion 127.00 (126.70 to 127.70): VU027398.D (-3816) (-)

Ion 129.00 (128.70 to 129.70): VU027398.D (-3816) (-)

Time-->