

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092418\
 Data File : VU027099.D
 Acq On : 24 Sep 2018 11:30
 Operator : MD/SY
 Sample : J4969-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-PZ171I-20180916

Quant Time: Sep 25 01:33:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 22 01:31:57 2018
 Response via : Initial Calibration

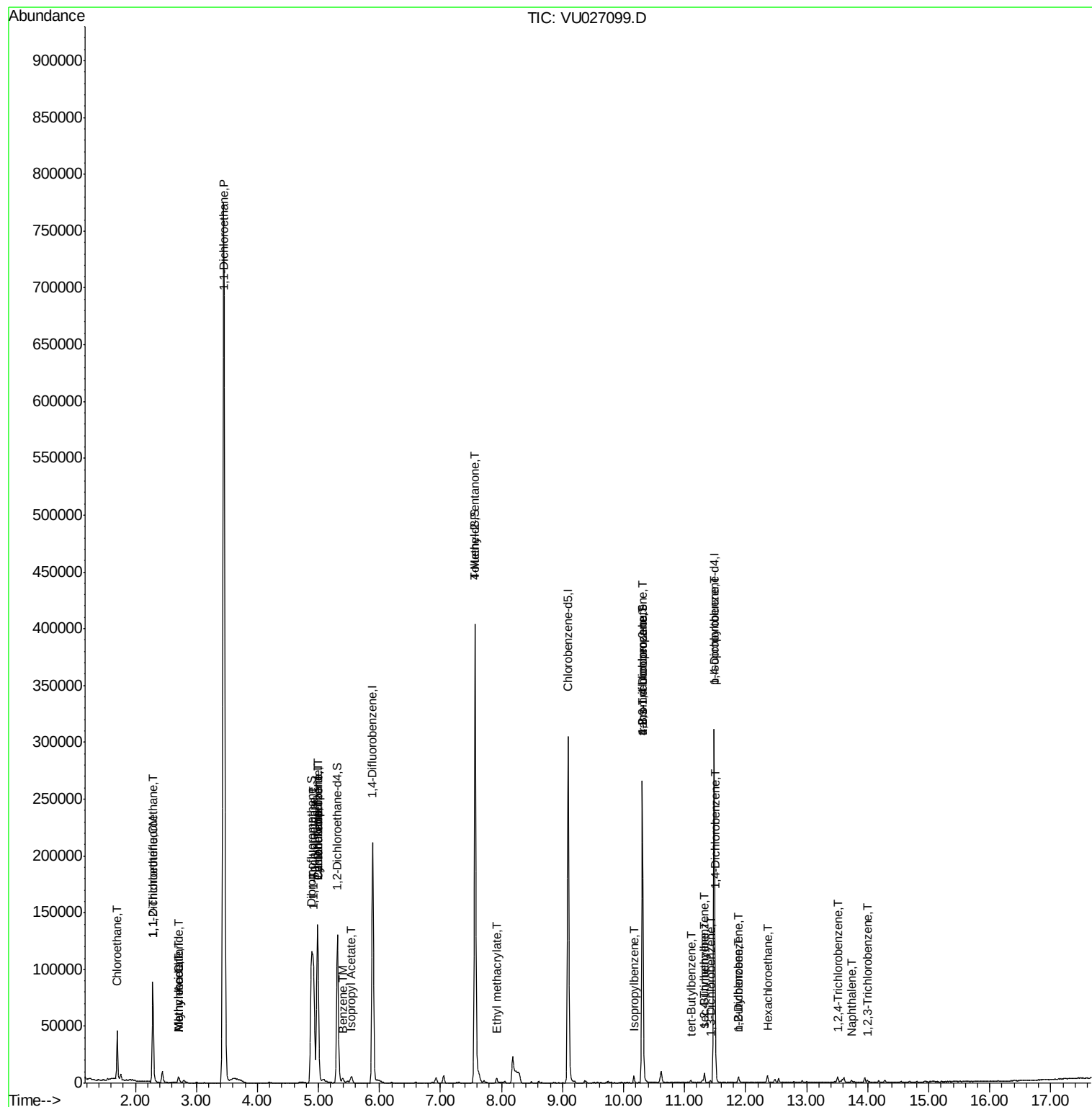
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	97069	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	164109	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	159410	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	73955	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	100209	51.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.58%	
35) Dibromofluoromethane	4.88	113	69464	48.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.66%	
50) Toluene-d8	7.57	98	265719	49.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.02%	
62) 4-Bromofluorobenzene	10.31	95	87123	46.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.68%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.70	64	27653	21.219	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.29	101	313	0.220	ug/l #	59
12) 1,1-Dichloroethene	2.29	96	25595	19.091	ug/l	99
14) Allyl chloride	2.71	41	997	0.367	ug/l #	58
16) Acetone	2.32	43	2430	Below Cal		93
18) Methyl Acetate	2.71	43	2316	0.833	ug/l #	55
20) Methylene Chloride	2.70	84	709	0.405	ug/l #	86
24) 1,1-Dichloroethane	3.45	63	869366	271.398	ug/l	99
31) Cyclohexane	4.98	56	3041	0.475	ug/l #	1
32) 1,1,1-Trichloroethane	4.92	97	73614	31.008	ug/l	99
36) 1,1-Dichloropropene	4.99	75	9321	4.256	ug/l #	49
38) Carbon Tetrachloride	4.98	117	10595	5.083	ug/l #	18
40) Benzene	5.40	78	3438	0.516	ug/l	97
43) Isopropyl Acetate	5.54	43	1166	0.270	ug/l #	62
51) 4-Methyl-2-Pentanone	7.57	43	1445	0.497	ug/l #	1
56) Ethyl methacrylate	7.92	69	498	2.363	ug/l #	14
73) Isopropylbenzene	10.17	105	3973	0.706	ug/l	95
76) 1,2,3-Trichloropropane	10.31	75	46896	20.873	ug/l #	36
81) trans-1,4-Dichloro-2-buten	10.31	75	46896	66.797	ug/l #	100
83) tert-Butylbenzene	11.10	119	1203	0.262	ug/l #	83
84) 1,2,4-Trimethylbenzene	11.32	105	5727	1.212	ug/l #	31
85) sec-Butylbenzene	11.32	105	5727	1.022	ug/l	95
86) p-Isopropyltoluene	11.48	119	21	0.931	ug/l #	1
87) 1,3-Dichlorobenzene	11.42	146	771	0.301	ug/l	95
88) 1,4-Dichlorobenzene	11.51	146	4072	1.460	ug/l	82
89) n-Butylbenzene	11.89	91	220	2.433	ug/l #	43
90) Hexachloroethane	12.36	117	3381	3.317	ug/l #	13
91) 1,2-Dichlorobenzene	11.88	146	2253	0.829	ug/l	94
93) 1,2,4-Trichlorobenzene	13.51	180	1801	1.150	ug/l	94
95) Naphthalene	13.74	128	362	1.746	ug/l #	66
96) 1,2,3-Trichlorobenzene	13.99	180	743	0.442	ug/l #	86

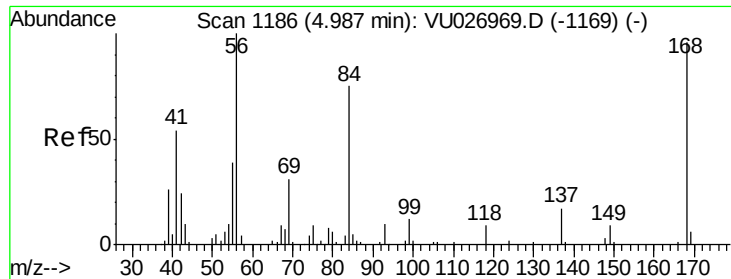
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027099.D

Acq: 24 Sep 2018 11:30

Instrument :

MSVOA_U

ClientSampleId :

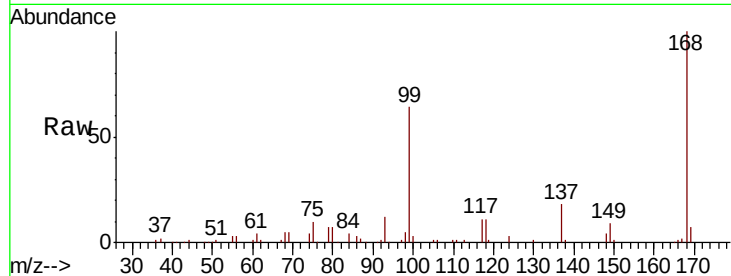
SA-PZ171I-20180916

Tgt Ion:168 Resp: 97069

Ion Ratio Lower Upper

168 100

99 62.8 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): VU026969.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU026969.D (-1169) (-)

4.99

40000

30000

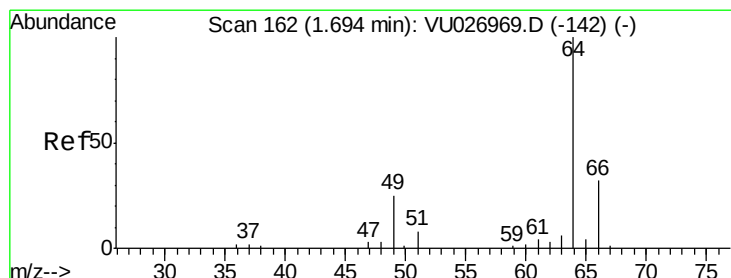
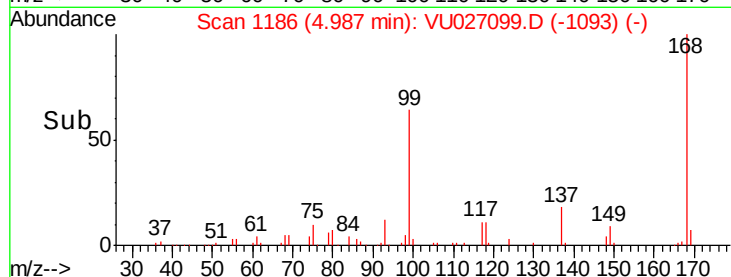
20000

10000

0

4.90 4.95 5.00 5.05

Time-->



#6

Chloroethane

Concen: 21.219 ug/l

RT: 1.70 min Scan# 165

Delta R.T. 0.01 min

Lab File: VU027099.D

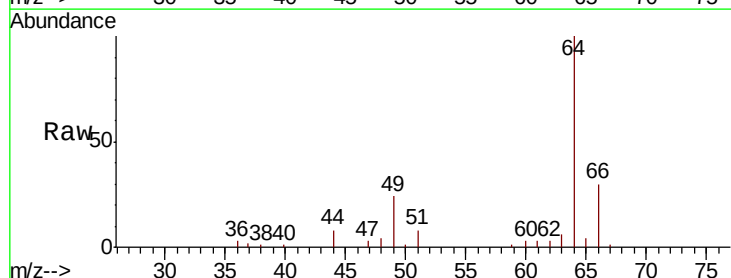
Acq: 24 Sep 2018 11:30

Tgt Ion: 64 Resp: 27653

Ion Ratio Lower Upper

64 100

66 30.9 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VU026969.D (-142) (-)

Ion 65.90 (65.60 to 66.60): VU026969.D (-142) (-)

1.70

25000

20000

15000

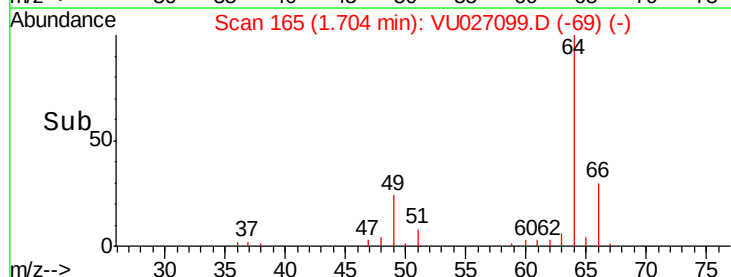
10000

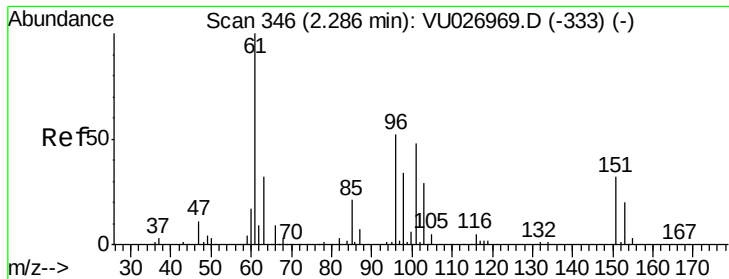
5000

0

1.65 1.70 1.75

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.220 ug/l

RT: 2.29 min Scan# 347

Delta R.T. 0.00 min

Lab File: VU027099.D

Acq: 24 Sep 2018 11:30

Instrument :

MSVOA_U

ClientSampleId :

SA-PZ171I-20180916

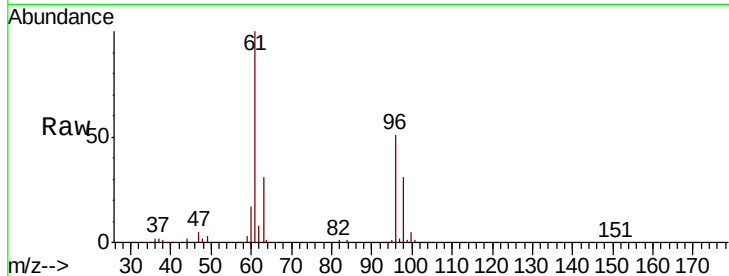
Tgt Ion:101 Resp: 313

Ion Ratio Lower Upper

101 100

85 0.0 36.2 54.2#

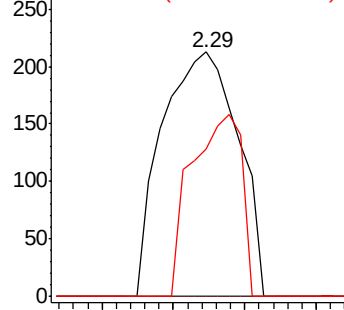
151 49.5 54.5 81.7#



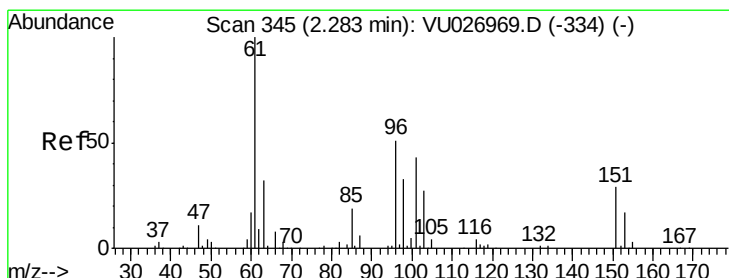
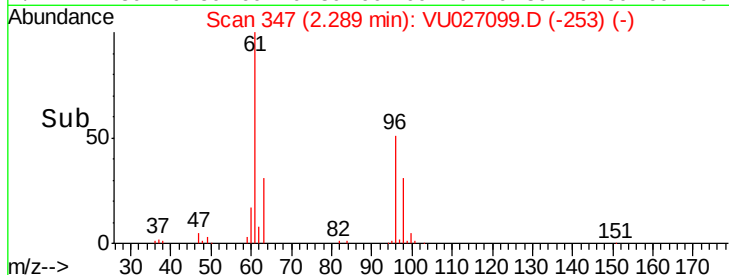
Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VU0

Ion 150.80 (150.50 to 151.50): V



Time-->



#12

1,1-Dichloroethene

Concen: 19.091 ug/l

RT: 2.29 min Scan# 346

Delta R.T. 0.00 min

Lab File: VU027099.D

Acq: 24 Sep 2018 11:30

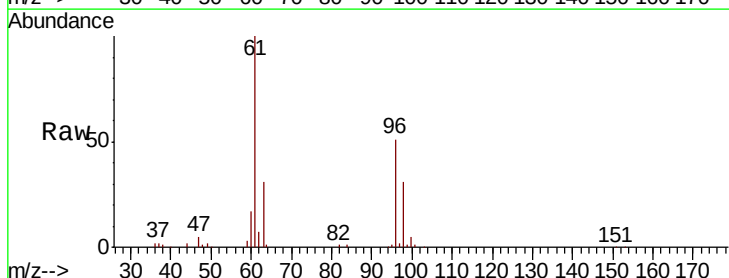
Tgt Ion: 96 Resp: 25595

Ion Ratio Lower Upper

96 100

61 195.5 156.1 234.1

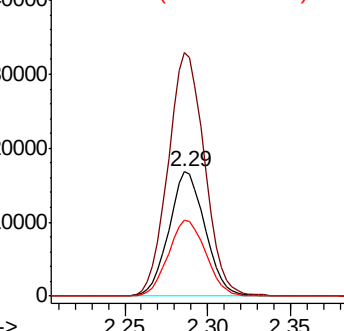
98 60.7 51.4 77.0



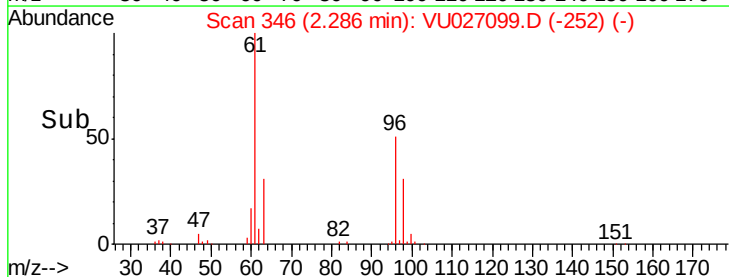
Abundance Ion 95.90 (95.60 to 96.60): VU0

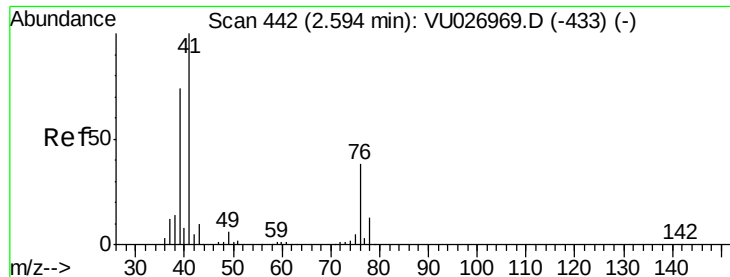
Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0



Time-->

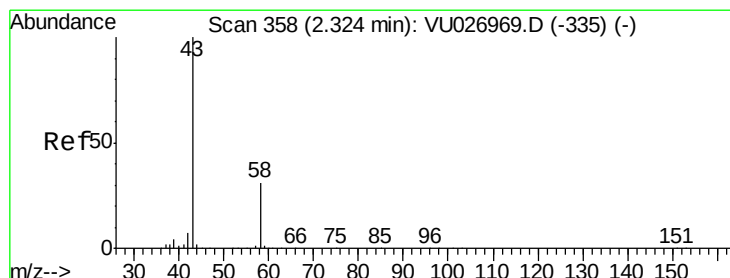
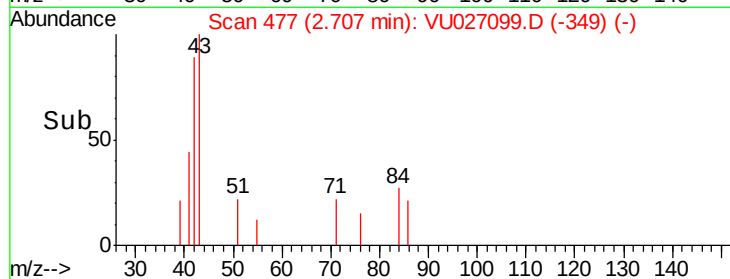
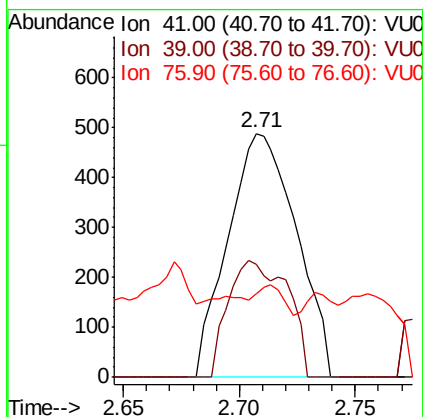
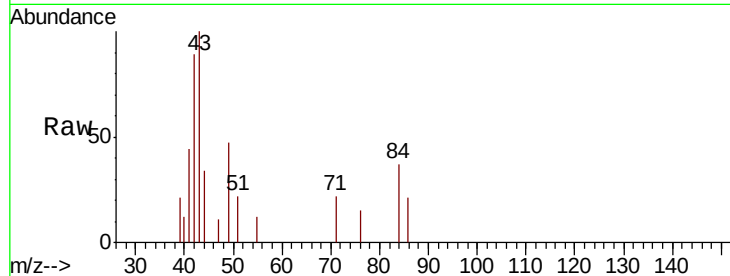




#14
 Allyl chloride
 Concen: 0.367 ug/l
 RT: 2.71 min Scan# 477
 Delta R.T. 0.11 min
 Lab File: VU027099.D
 Acq: 24 Sep 2018 11:30

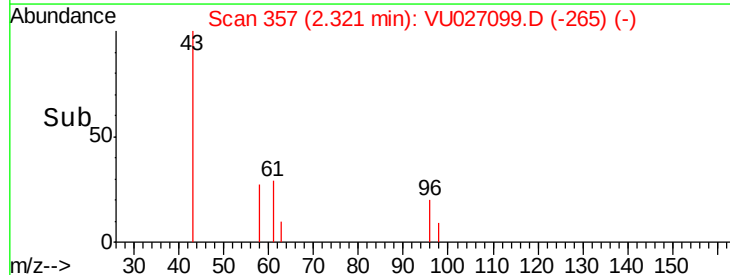
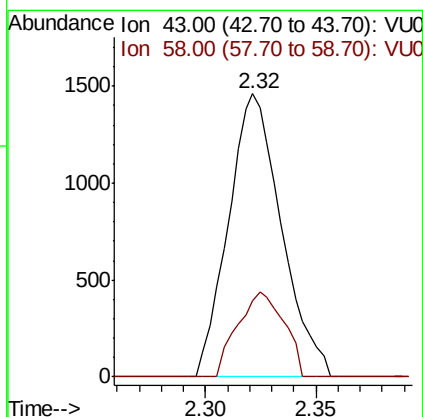
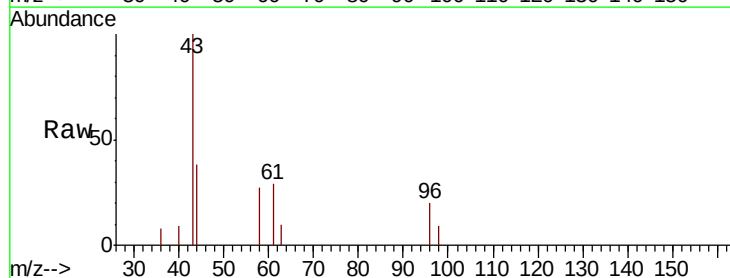
Instrument :
 MSVOA_U
 ClientSampleId :
 SA-PZ171I-20180916

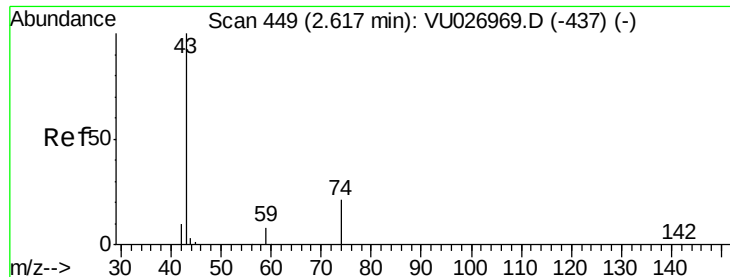
Tgt Ion: 41 Resp: 997
 Ion Ratio Lower Upper
 41 100
 39 41.6 55.7 83.5#
 76 0.0 26.5 39.7#



#16
 Acetone
 Concen: Below Cal
 RT: 2.32 min Scan# 357
 Delta R.T. -0.00 min
 Lab File: VU027099.D
 Acq: 24 Sep 2018 11:30

Tgt Ion: 43 Resp: 2430
 Ion Ratio Lower Upper
 43 100
 58 27.0 24.6 36.8





#18

Methyl Acetate

Concen: 0.833 ug/l

RT: 2.71 min Scan# 478

Delta R.T. 0.09 min

Lab File: VU027099.D

Acq: 24 Sep 2018 11:30

Instrument :

MSVOA_U

ClientSampleId :

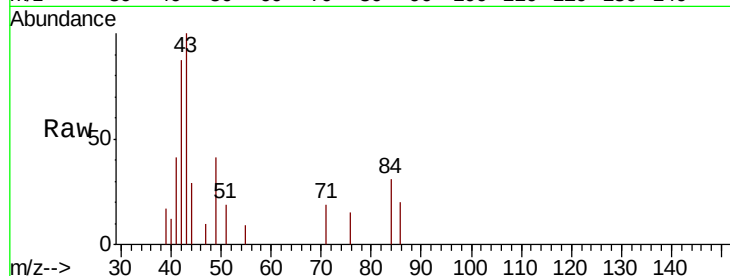
SA-PZ171I-20180916

Tgt Ion: 43 Resp: 2316

Ion Ratio Lower Upper

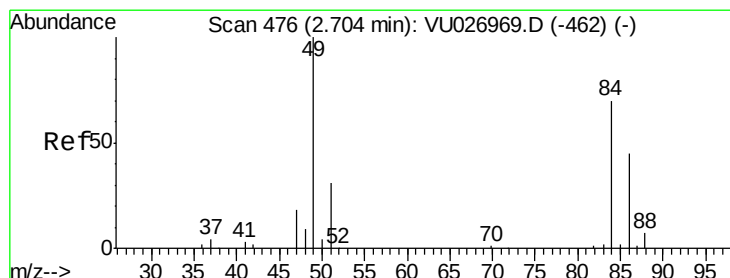
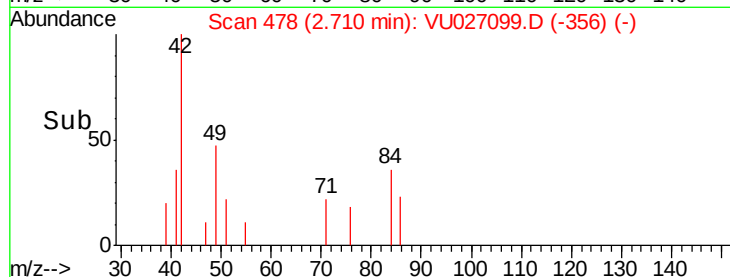
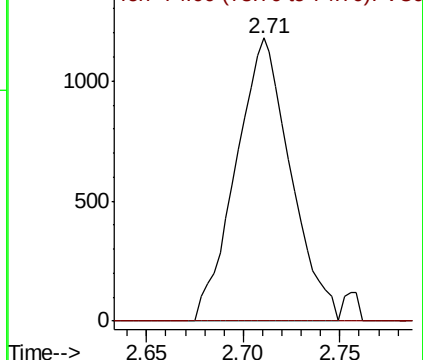
43 100

74 0.0 16.6 25.0#



Abundance Ion 43.00 (42.70 to 43.70): VU027099.D (-437) (-)

Ion 74.00 (73.70 to 74.70): VU027099.D (-437) (-)



#20

Methylene Chloride

Concen: 0.405 ug/l

RT: 2.70 min Scan# 476

Delta R.T. 0.00 min

Lab File: VU027099.D

Acq: 24 Sep 2018 11:30

Tgt Ion: 84 Resp: 709

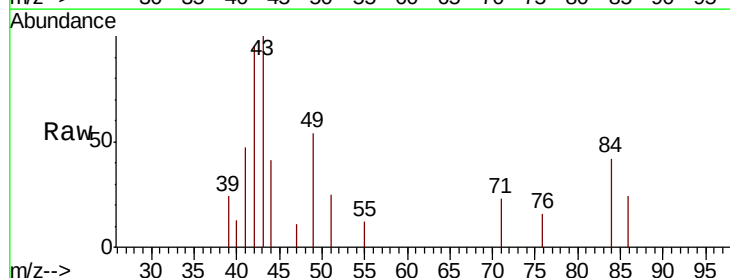
Ion Ratio Lower Upper

84 100

49 126.9 114.9 172.3

51 59.7 35.8 53.8#

86 57.0 51.3 76.9

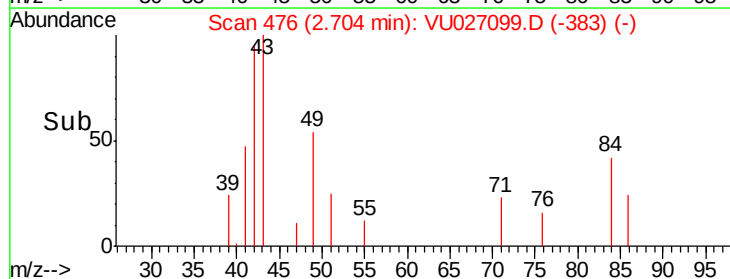
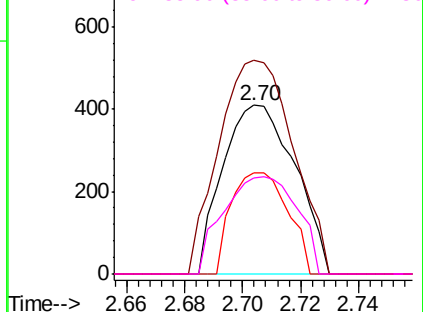


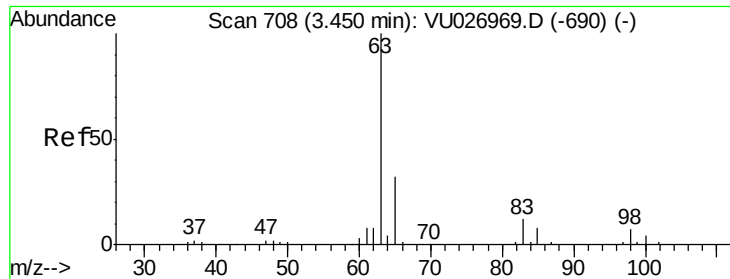
Abundance Ion 83.90 (83.60 to 84.60): VU027099.D (-462) (-)

Ion 48.90 (48.60 to 49.60): VU027099.D (-462) (-)

Ion 50.90 (50.60 to 51.60): VU027099.D (-462) (-)

Ion 85.90 (85.60 to 86.60): VU027099.D (-462) (-)





#24

1,1-Dichloroethane

Concen: 271.398 ug/l

RT: 3.45 min Scan# 708

Delta R.T. 0.00 min

Lab File: VU027099.D

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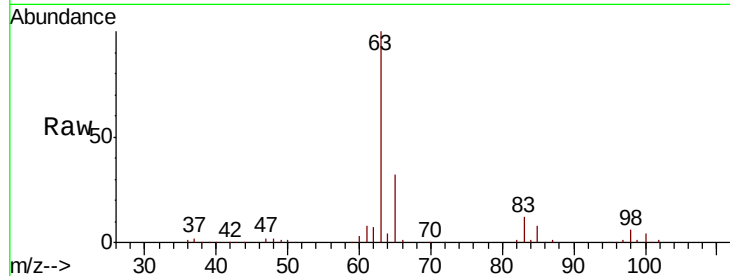
Tgt Ion: 63 Resp: 869366

Ion Ratio Lower Upper

63 100

98 6.0 3.3 9.8

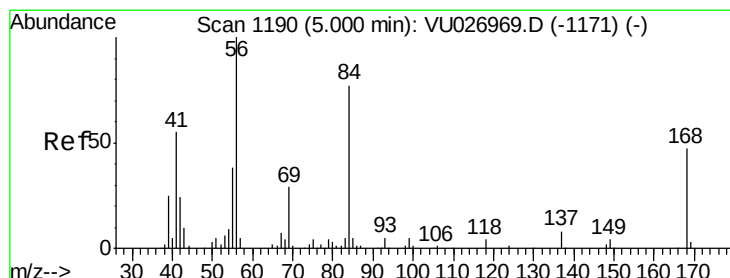
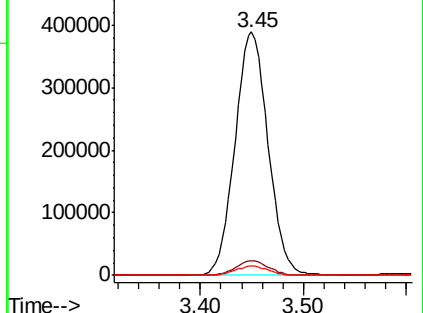
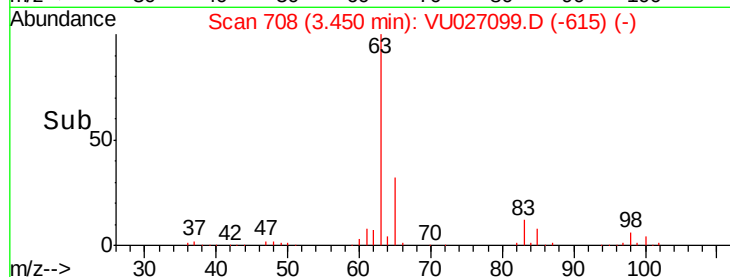
100 3.9 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VU026969.D (-690) (-)

Ion 97.90 (97.60 to 98.60): VU026969.D (-690) (-)

Ion 99.90 (99.60 to 100.60): VU026969.D (-690) (-)



#31

Cyclohexane

Concen: 0.475 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.02 min

Lab File: VU027099.D

Acq: 24 Sep 2018 11:30

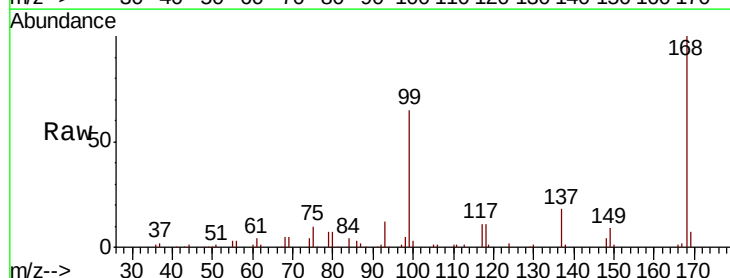
Tgt Ion: 56 Resp: 3041

Ion Ratio Lower Upper

56 100

69 155.8 23.0 34.4#

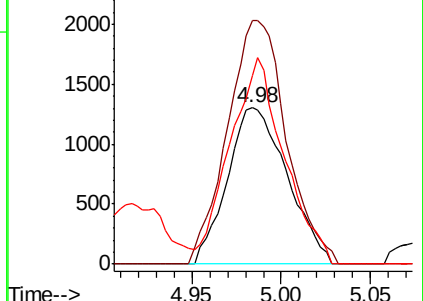
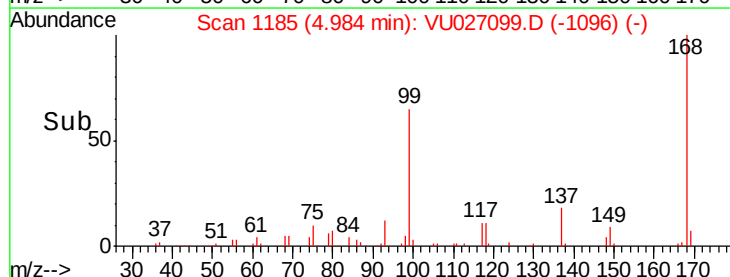
84 120.5 61.4 92.2#

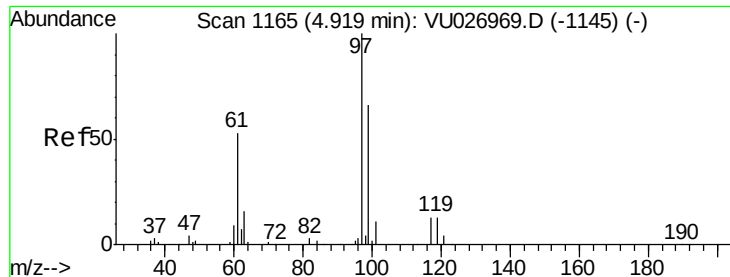


Abundance Ion 56.00 (55.70 to 56.70): VU026969.D (-1171) (-)

Ion 69.00 (68.70 to 69.70): VU026969.D (-1171) (-)

Ion 84.00 (83.70 to 84.70): VU026969.D (-1171) (-)

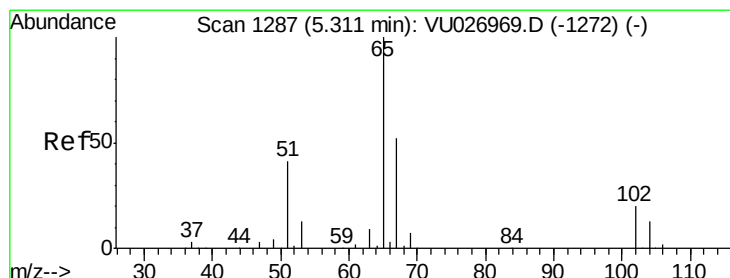
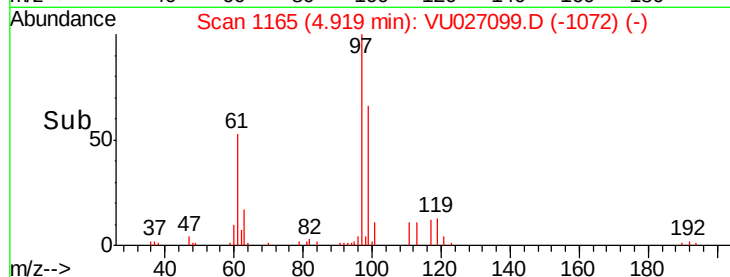
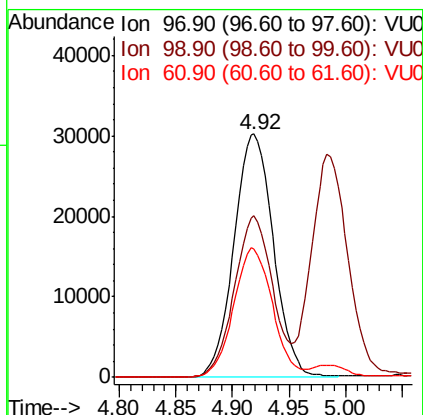
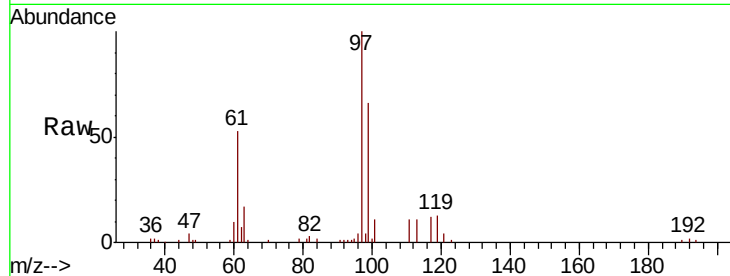




#32
 1,1,1-Trichloroethane
 Concen: 31.008 ug/l
 RT: 4.92 min Scan# 1165
 Delta R.T. 0.00 min
 Lab File: VU027099.D
 Acq: 24 Sep 2018 11:30

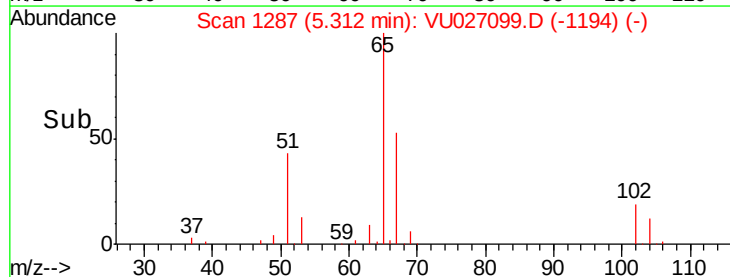
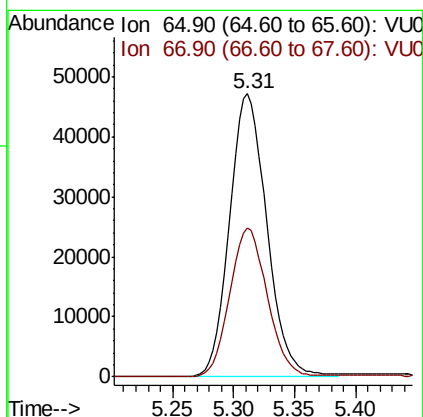
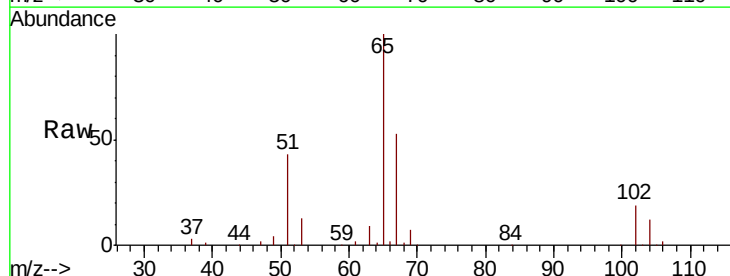
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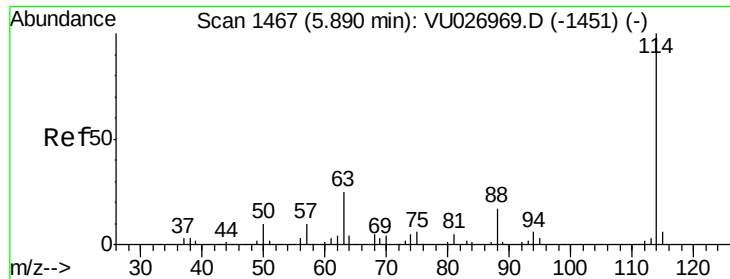
Tgt Ion: 97 Resp: 73614
 Ion Ratio Lower Upper
 97 100
 99 64.1 51.8 77.6
 61 52.4 41.1 61.7



#33
 1,2-Dichloroethane-d4
 Concen: 51.293 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027099.D
 Acq: 24 Sep 2018 11:30

Tgt Ion: 65 Resp: 100209
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 105.6

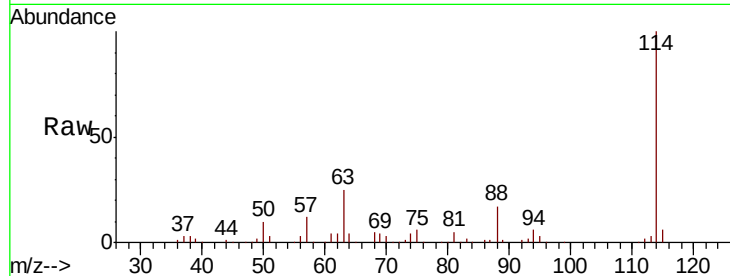




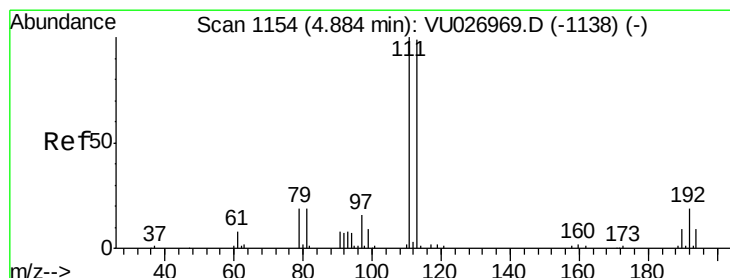
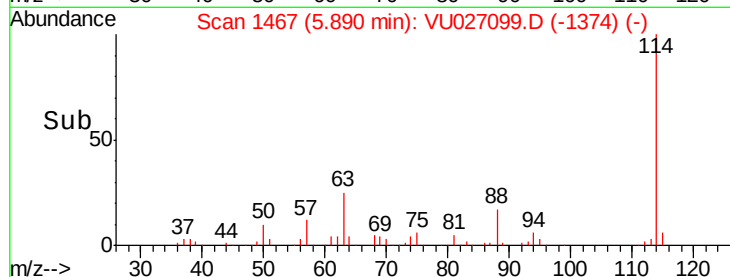
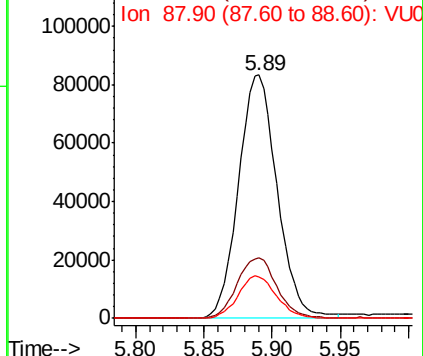
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027099.D
 Acq: 24 Sep 2018 11:30

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-PZ171I-20180916

Tgt Ion:114 Resp: 164109
 Ion Ratio Lower Upper
 114 100
 63 24.7 0.0 49.2
 88 17.0 0.0 33.8

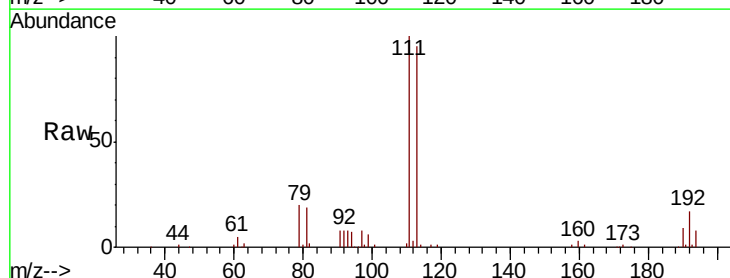


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

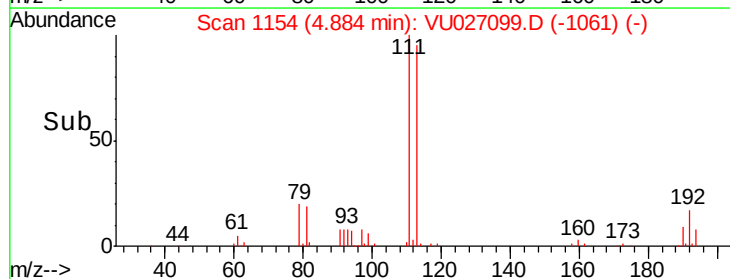
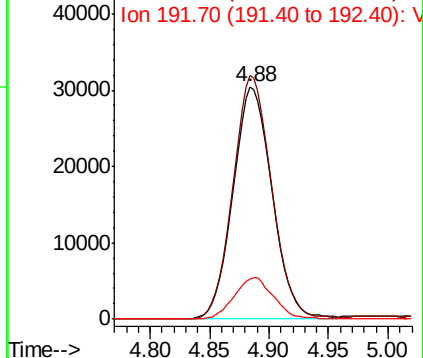


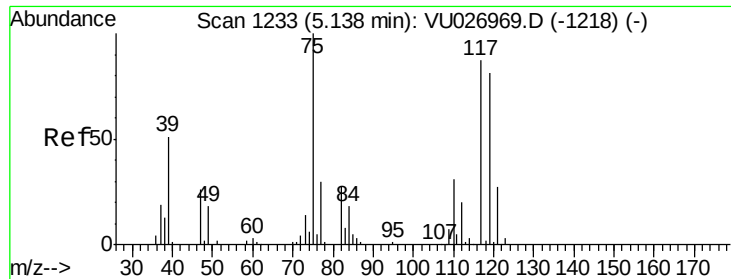
#35
 Dibromofluoromethane
 Concen: 48.832 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027099.D
 Acq: 24 Sep 2018 11:30

Tgt Ion:113 Resp: 69464
 Ion Ratio Lower Upper
 113 100
 111 103.4 82.2 123.4
 192 17.9 15.2 22.8



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

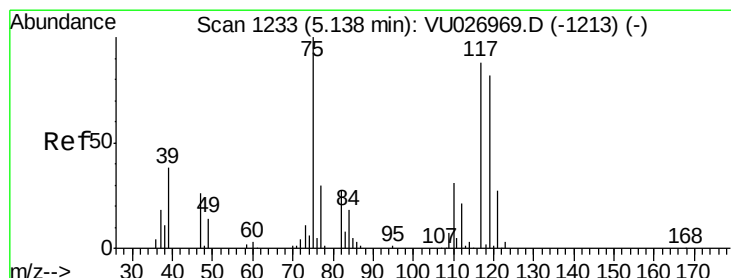
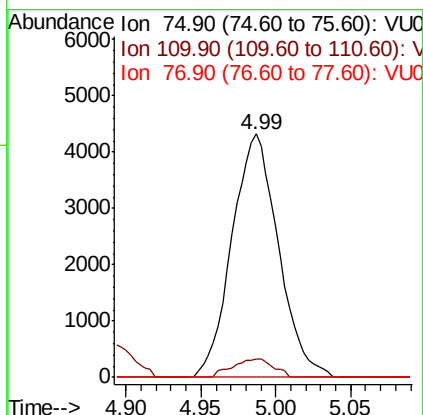
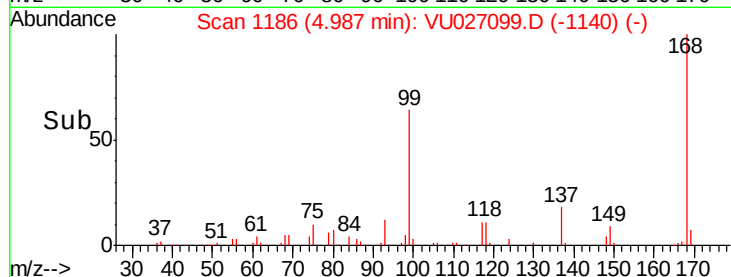
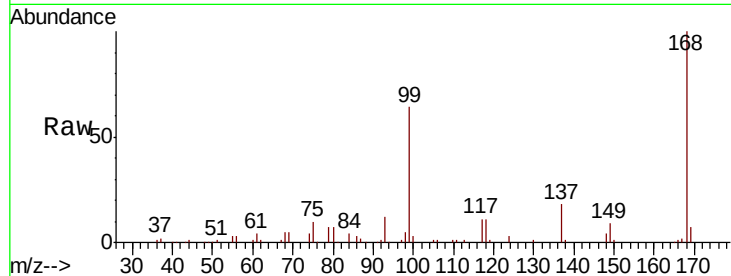




#36
 1,1-Dichloropropene
 Concen: 4.256 ug/l
 RT: 4.99 min Scan# 1186
 Delta R.T. -0.15 min
 Lab File: VU027099.D
 Acq: 24 Sep 2018 11:30

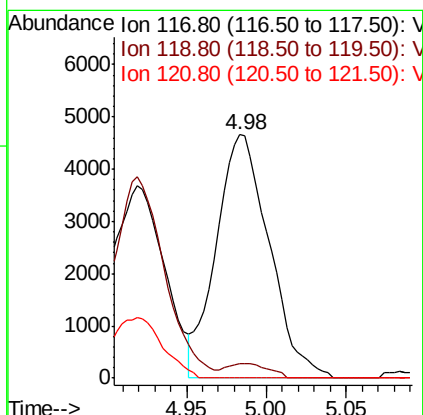
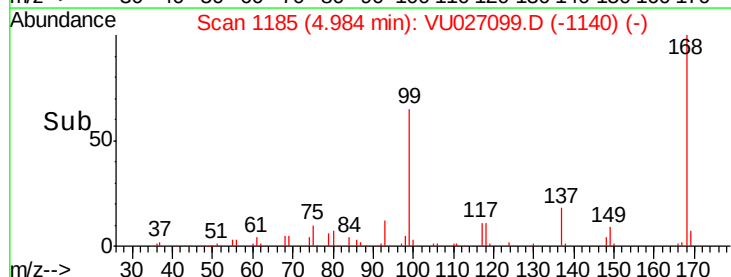
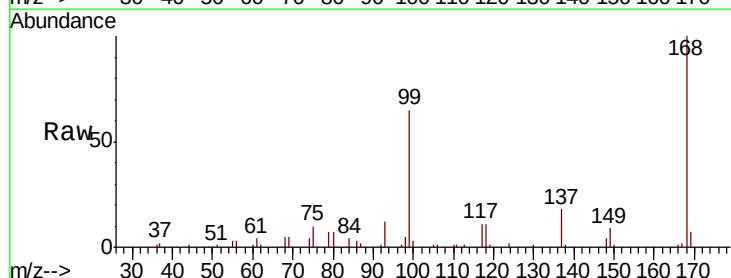
Instrument :
 MSVOA_U
 ClientSampleId :
 SA-PZ171I-20180916

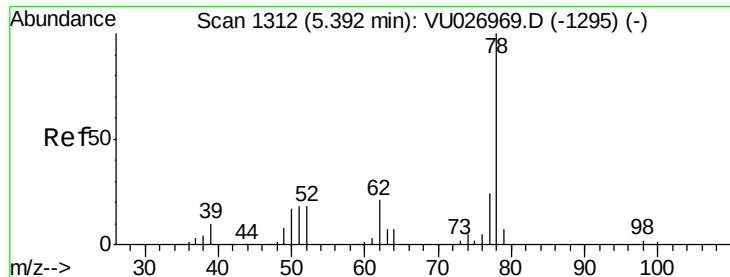
Tgt Ion: 75 Resp: 9321
 Ion Ratio Lower Upper
 75 100
 110 6.6 16.1 48.2#
 77 0.0 24.6 36.8#



#38
 Carbon Tetrachloride
 Concen: 5.083 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU027099.D
 Acq: 24 Sep 2018 11:30

Tgt Ion: 117 Resp: 10595
 Ion Ratio Lower Upper
 117 100
 119 5.8 74.4 111.6#
 121 0.0 24.2 36.4#





#40

Benzene

Concen: 0.516 ug/l

RT: 5.40 min Scan# 1314

Delta R.T. 0.01 min

Lab File: VU027099.D

Acq: 24 Sep 2018 11:30

Instrument :

MSVOA_U

ClientSampleId :

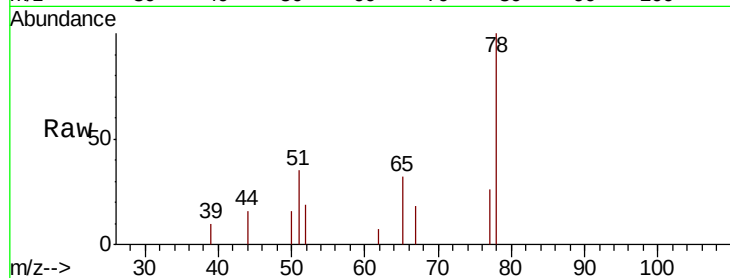
SA-PZ171I-20180916

Tgt Ion: 78 Resp: 3438

Ion Ratio Lower Upper

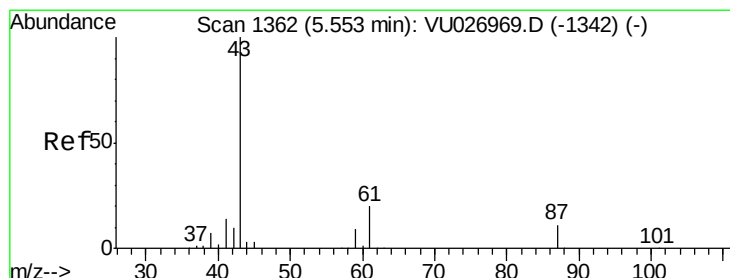
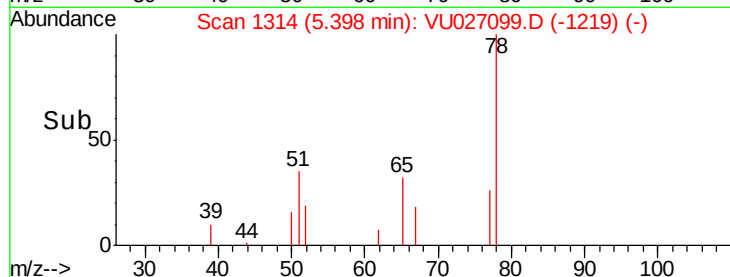
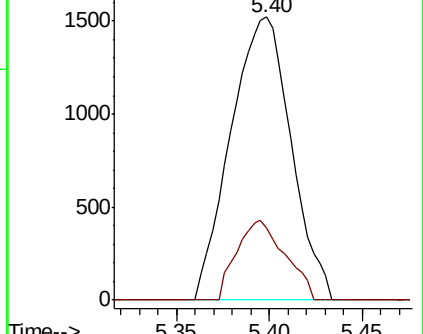
78 100

77 25.6 19.4 29.0



Abundance Ion 78.00 (77.70 to 78.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#43

Isopropyl Acetate

Concen: 0.270 ug/l

RT: 5.54 min Scan# 1358

Delta R.T. -0.01 min

Lab File: VU027099.D

Acq: 24 Sep 2018 11:30

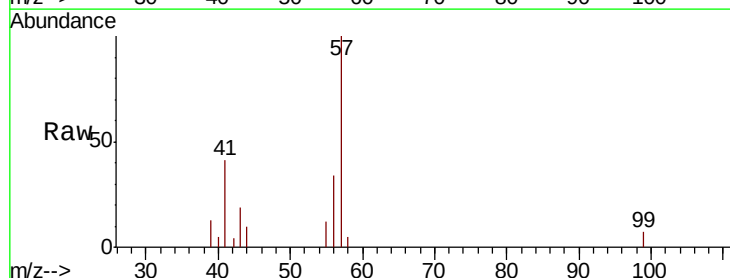
Tgt Ion: 43 Resp: 1166

Ion Ratio Lower Upper

43 100

61 0.0 15.7 23.5#

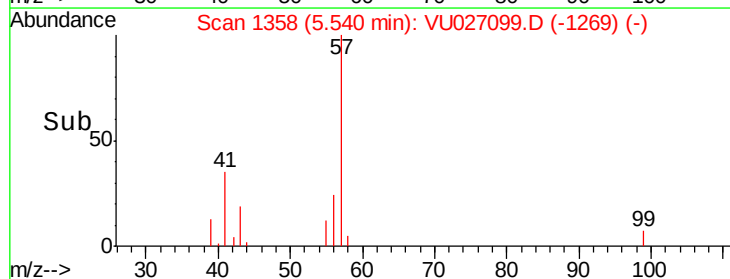
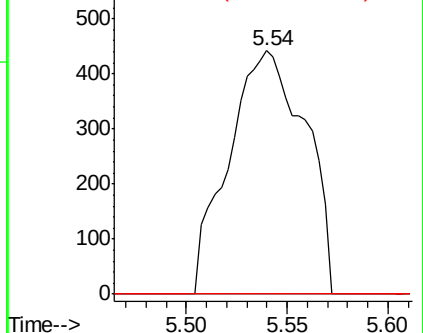
87 0.0 9.0 13.4#

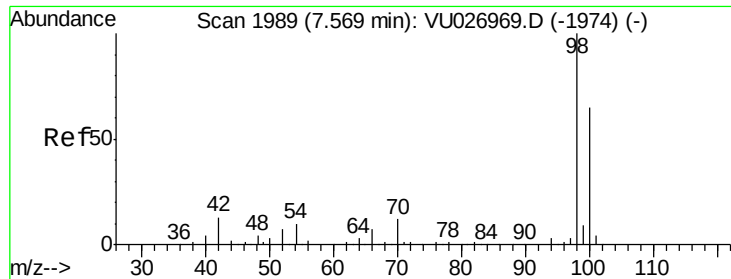


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

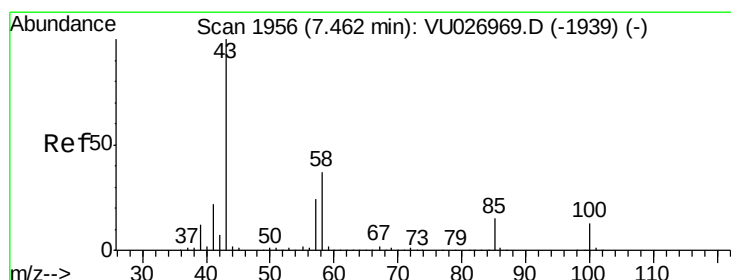
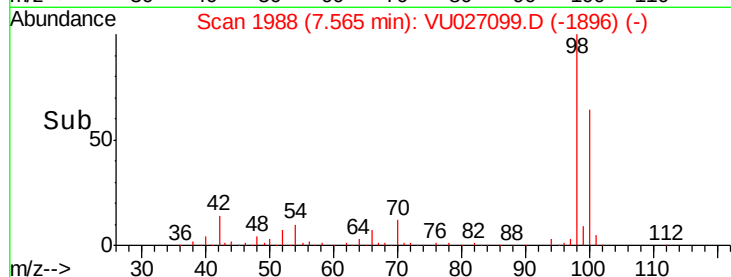
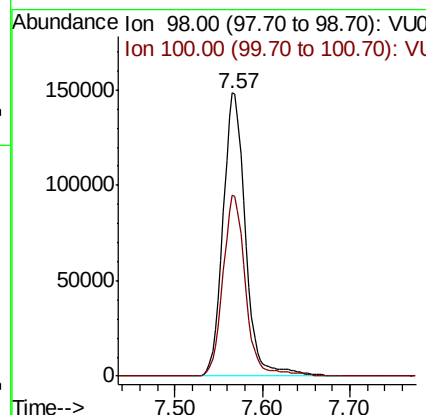
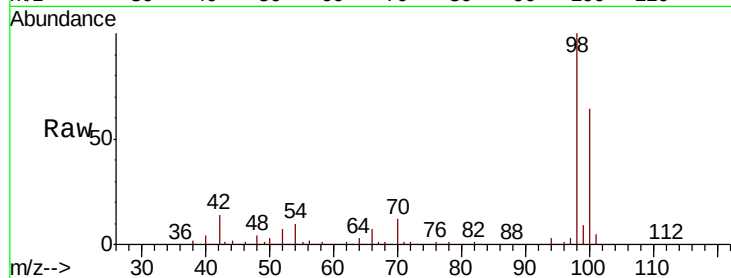




#50
Toluene-d8
Concen: 49.015 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU027099.D
Acq: 24 Sep 2018 11:30

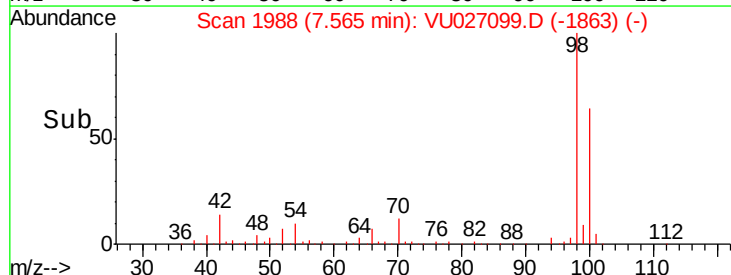
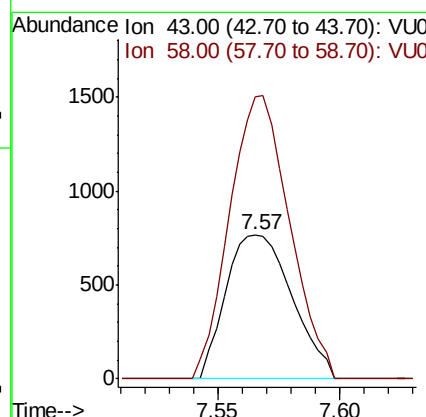
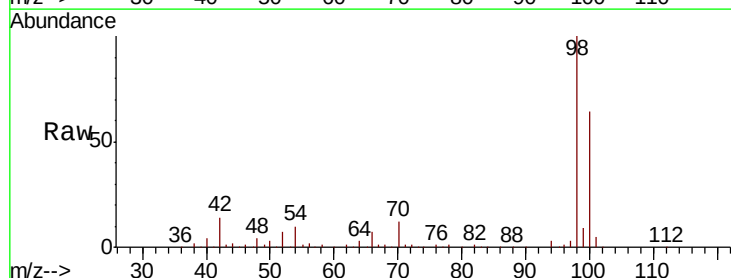
Instrument :
MSVOA_U
ClientSampleId :
SA-PZ171I-20180916

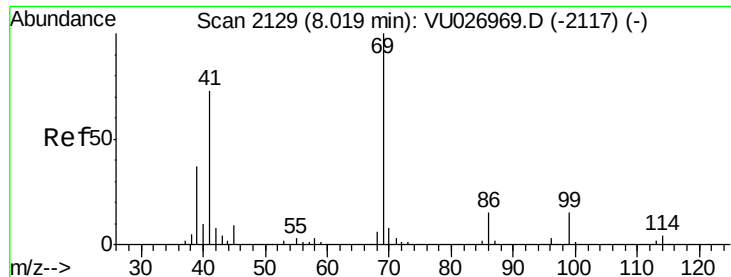
Tgt Ion: 98 Resp: 265719
Ion Ratio Lower Upper
98 100
100 64.1 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 0.497 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.10 min
Lab File: VU027099.D
Acq: 24 Sep 2018 11:30

Tgt Ion: 43 Resp: 1445
Ion Ratio Lower Upper
43 100
58 178.1 29.8 44.6#

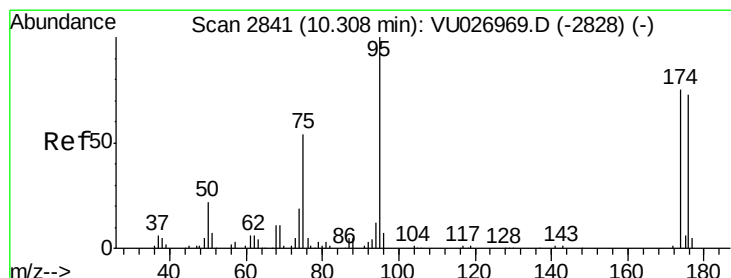
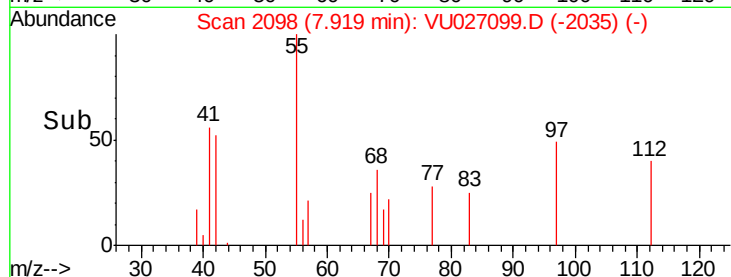
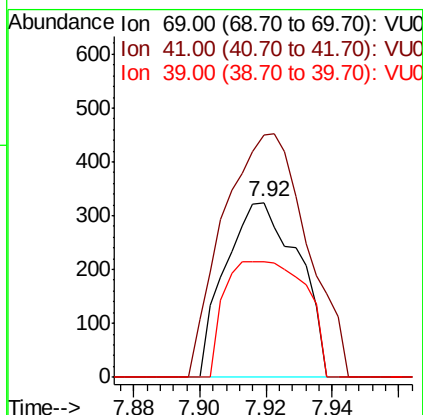
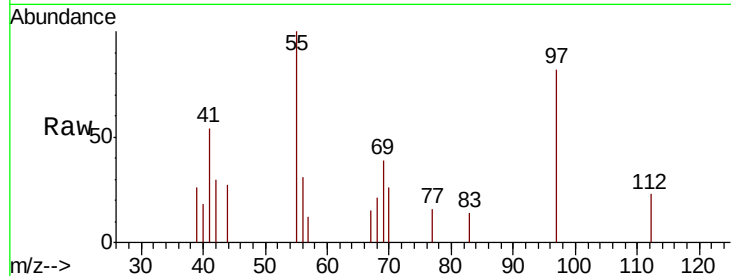




#56
Ethyl methacrylate
Concen: 2.363 ug/l
RT: 7.92 min Scan# 2098
Delta R.T. -0.10 min
Lab File: VU027099.D
Acq: 24 Sep 2018 11:30

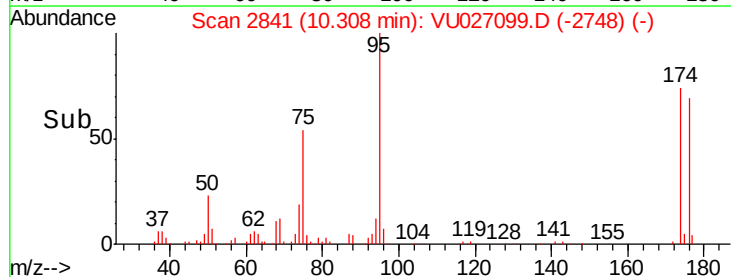
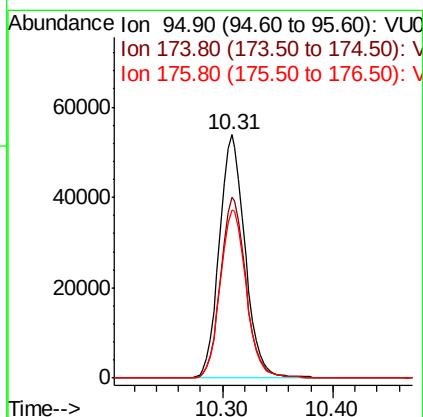
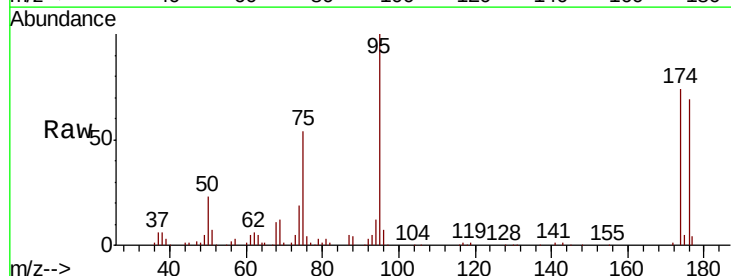
Instrument :
MSVOA_U
ClientSampleId :
SA-PZ171I-20180916

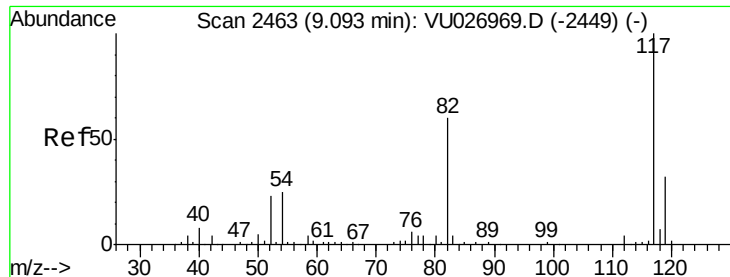
Tgt Ion: 69 Resp: 498
Ion Ratio Lower Upper
69 100
41 158.6 59.0 88.4#
39 72.9 30.2 45.4#



#62
4-Bromofluorobenzene
Concen: 46.836 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU027099.D
Acq: 24 Sep 2018 11:30

Tgt Ion: 95 Resp: 87123
Ion Ratio Lower Upper
95 100
174 73.5 0.0 150.2
176 69.8 0.0 145.2

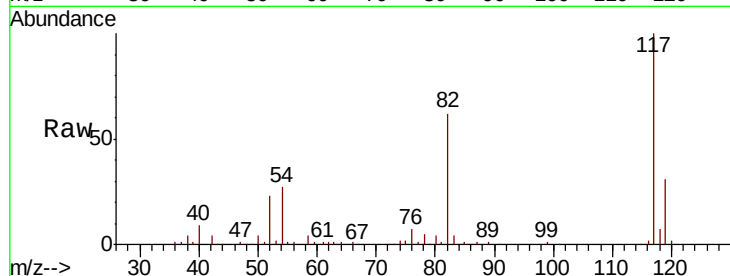




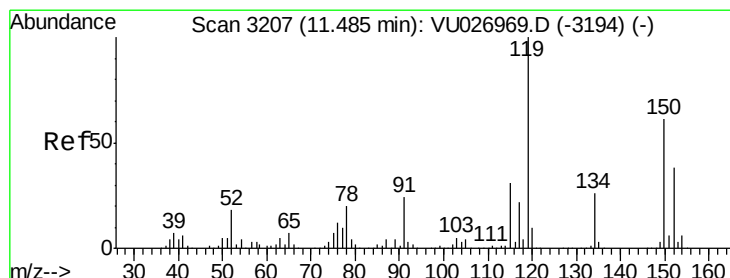
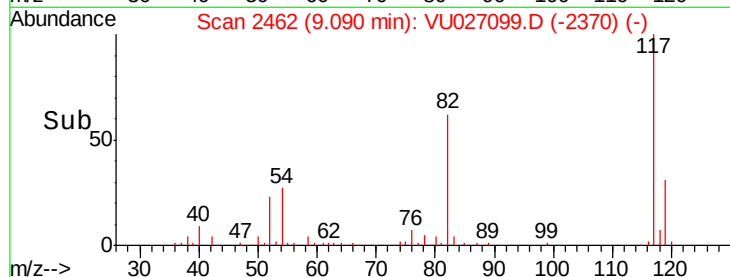
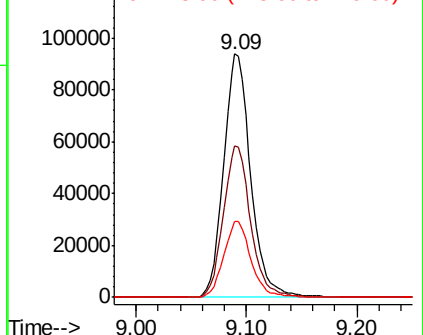
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027099.D
Acq: 24 Sep 2018 11:30

Instrument :
MSVOA_U
ClientSampleId :
SA-PZ171I-20180916

Tgt Ion:117 Resp: 159410
Ion Ratio Lower Upper
117 100
82 62.2 48.0 72.0
119 31.1 25.8 38.8

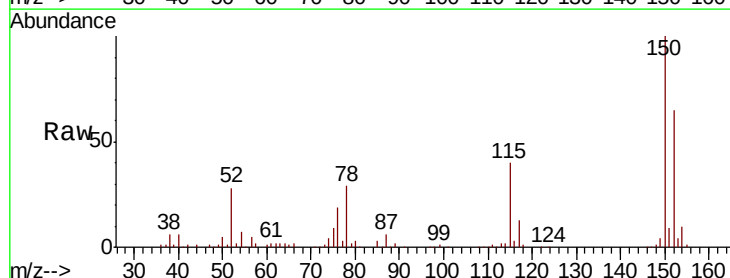


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU026969.D (-2449) (-)
Ion 118.90 (118.60 to 119.60): V

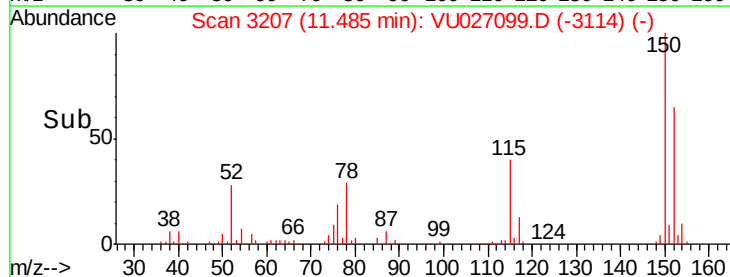
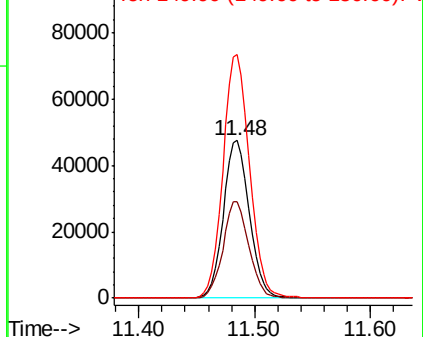


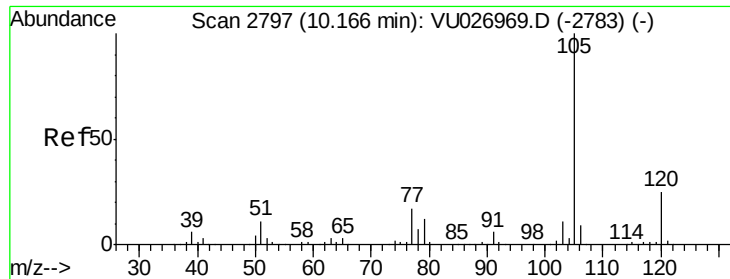
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027099.D
Acq: 24 Sep 2018 11:30

Tgt Ion:152 Resp: 73955
Ion Ratio Lower Upper
152 100
115 61.2 44.9 134.5
150 158.1 0.0 355.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): VU026969.D (-3194) (-)
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.706 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU027099.D

Acq: 24 Sep 2018 11:30

Instrument :

MSVOA_U

ClientSampleId :

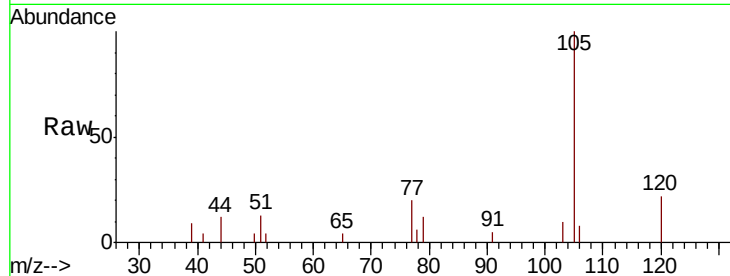
SA-PZ171I-20180916

Tgt Ion: 105 Resp: 3973

Ion Ratio Lower Upper

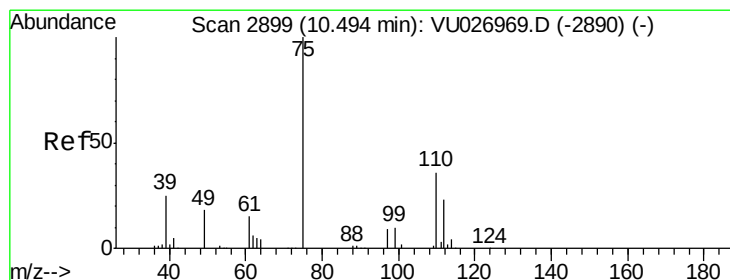
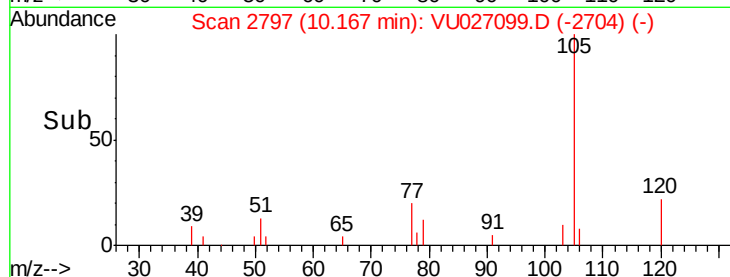
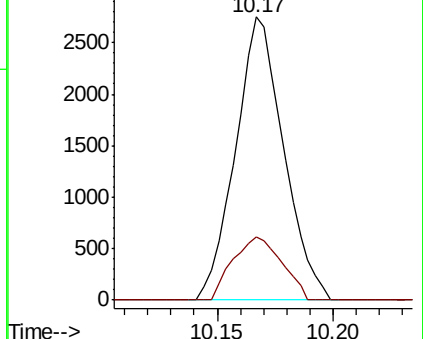
105 100

120 22.9 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

1,2,3-Trichloropropane

Concen: 20.873 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.19 min

Lab File: VU027099.D

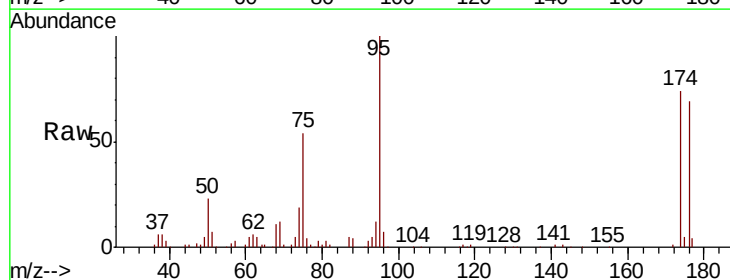
Acq: 24 Sep 2018 11:30

Tgt Ion: 75 Resp: 46896

Ion Ratio Lower Upper

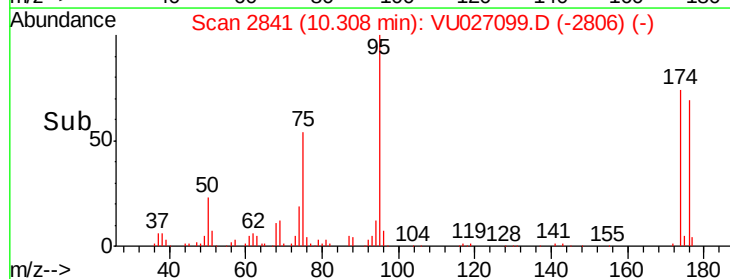
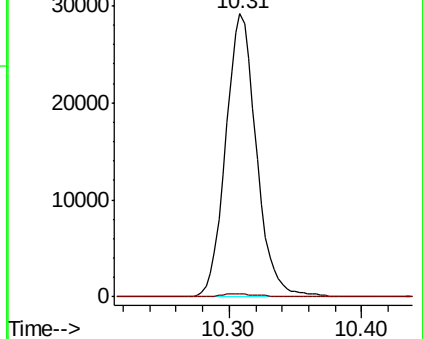
75 100

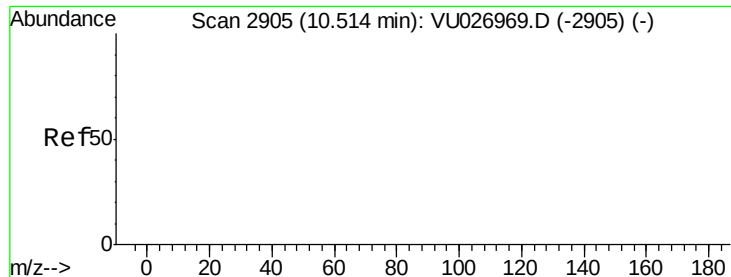
77 1.2 20.9 62.8#



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: 66.797 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.21 min

Lab File: VU027099.D

Acq: 24 Sep 2018 11:30

Instrument :

MSVOA_U

ClientSampleId :

SA-PZ171I-20180916

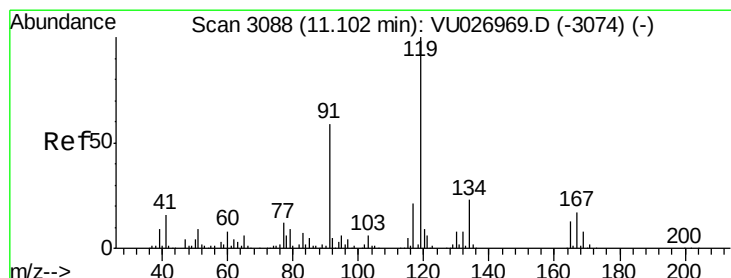
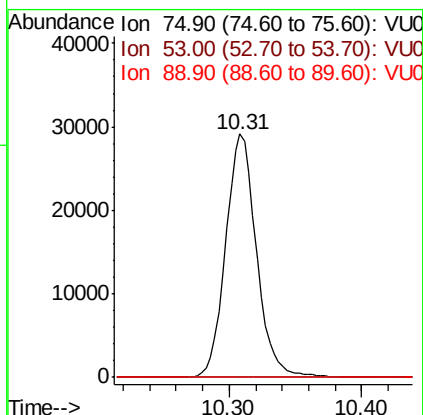
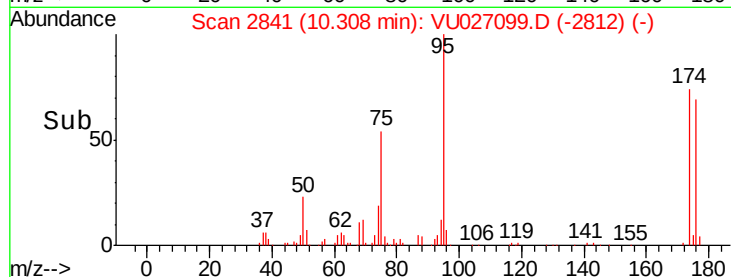
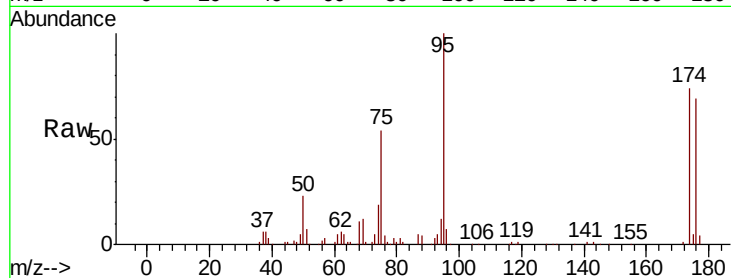
Tgt Ion: 75 Resp: 46896

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0



#83

tert-Butylbenzene

Concen: 0.262 ug/l

RT: 11.10 min Scan# 3087

Delta R.T. -0.00 min

Lab File: VU027099.D

Acq: 24 Sep 2018 11:30

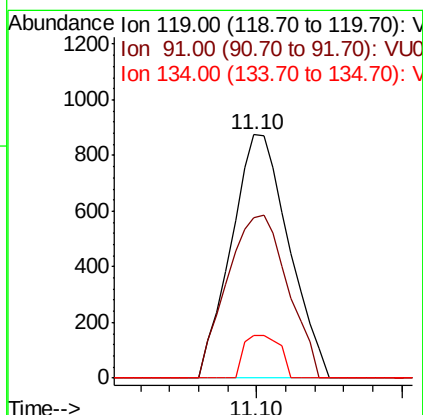
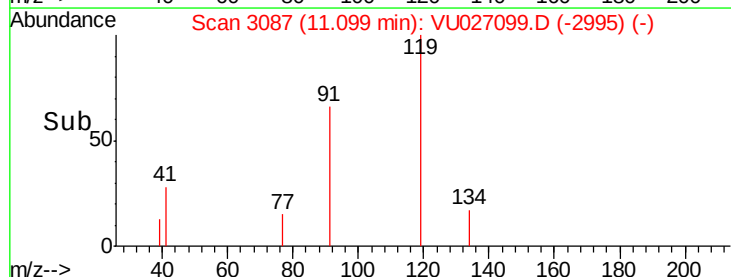
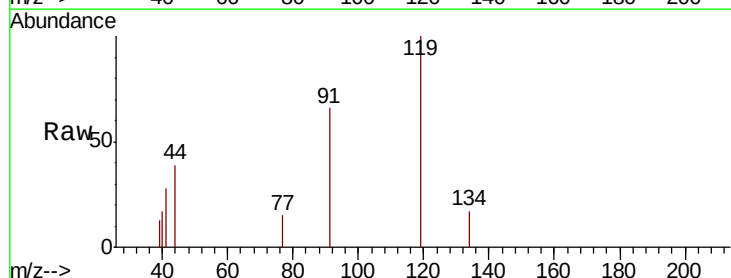
Tgt Ion: 119 Resp: 1203

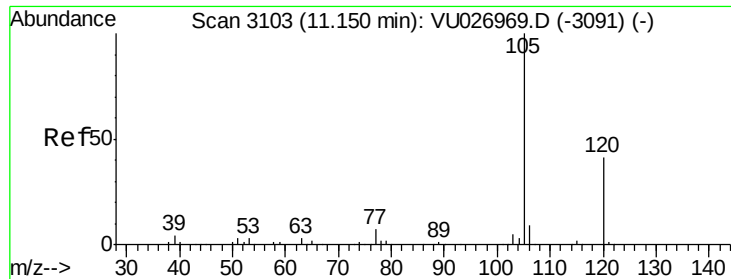
Ion Ratio Lower Upper

119 100

91 70.7 29.8 89.4

134 11.1 11.5 34.4#

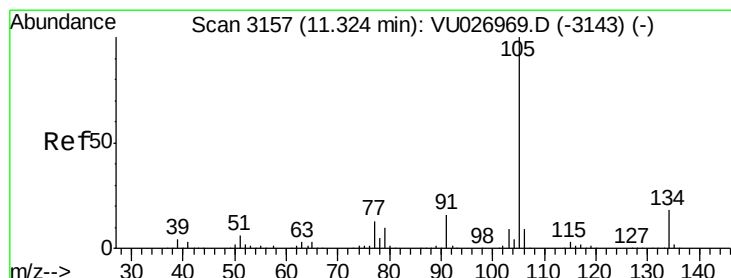
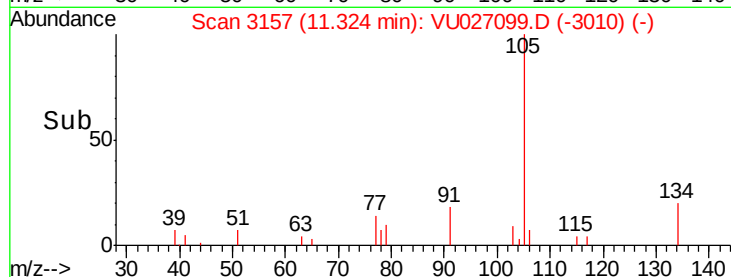
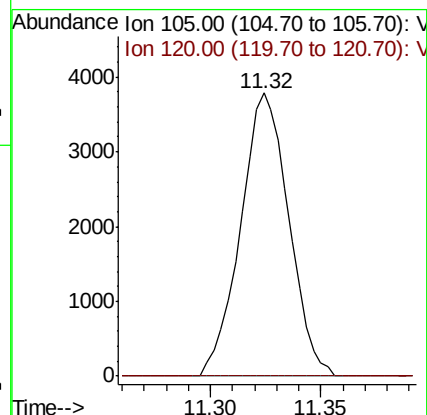
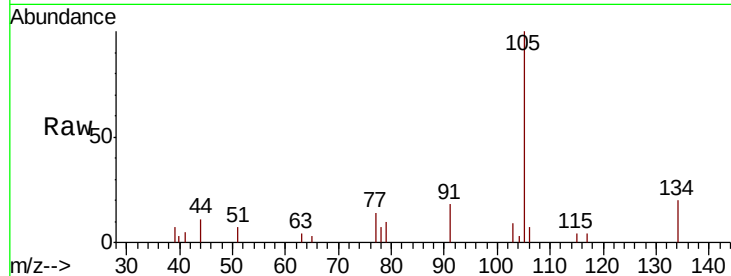




#84
 1,2,4-Trimethylbenzene
 Concen: 1.212 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. 0.17 min
 Lab File: VU027099.D
 Acq: 24 Sep 2018 11:30

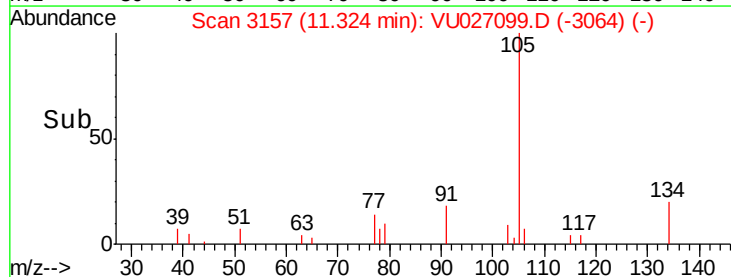
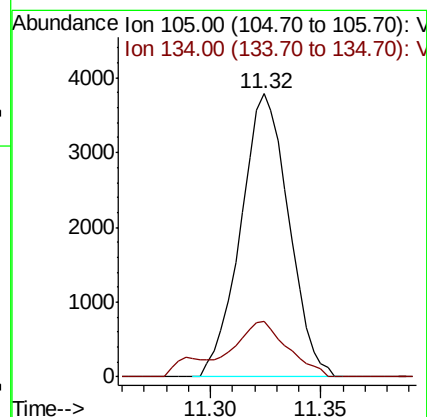
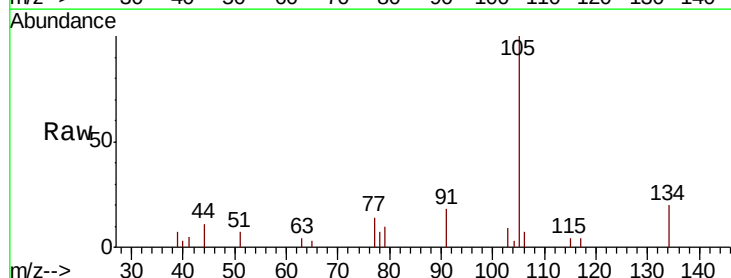
Instrument :
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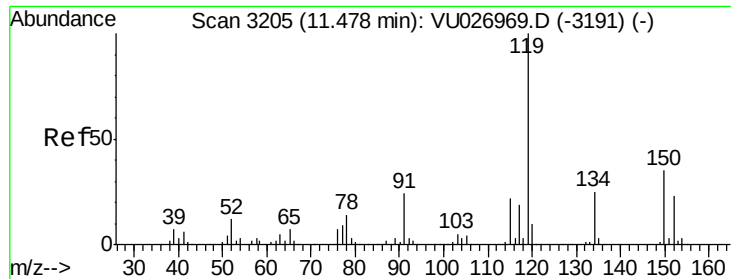
Tgt Ion:105 Resp: 5727
 Ion Ratio Lower Upper
 105 100
 120 0.0 22.4 67.2#



#85
 sec-Butylbenzene
 Concen: 1.022 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. 0.00 min
 Lab File: VU027099.D
 Acq: 24 Sep 2018 11:30

Tgt Ion:105 Resp: 5727
 Ion Ratio Lower Upper
 105 100
 134 20.9 9.4 28.2

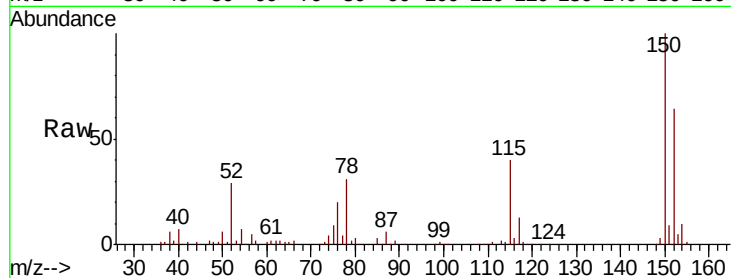




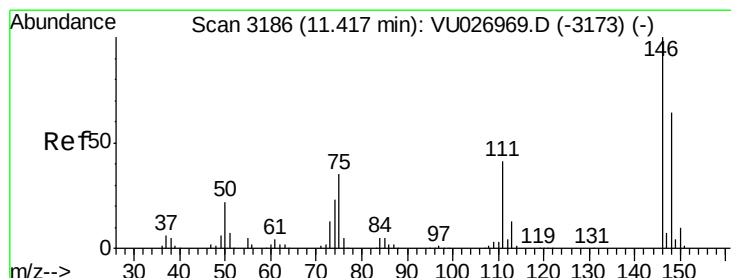
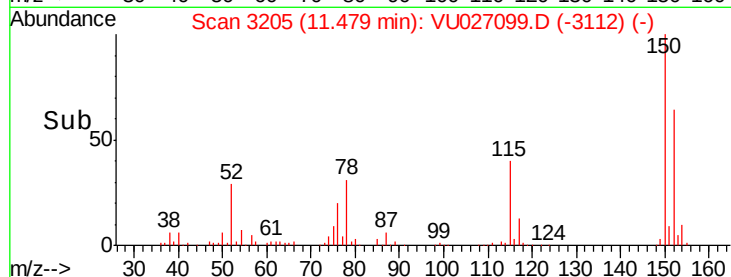
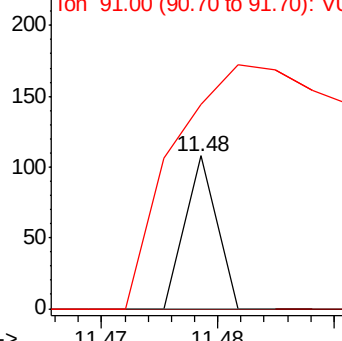
#86
p-Isopropyltoluene
Concen: 0.931 ug/l
RT: 11.48 min Scan# 3205
Delta R.T. 0.00 min
Lab File: VU027099.D
Acq: 24 Sep 2018 11:30

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion:119 Resp: 21
Ion Ratio Lower Upper
119 100
134 0.0 12.8 38.3#
91 942.9 12.3 36.8#

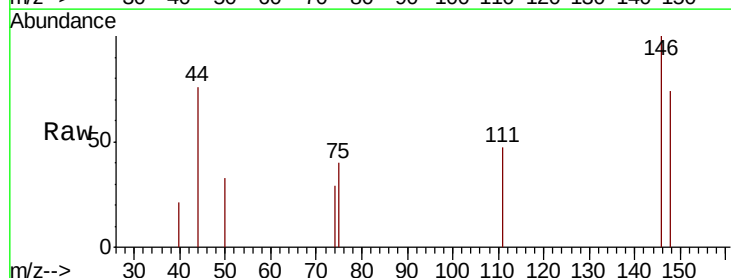


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V

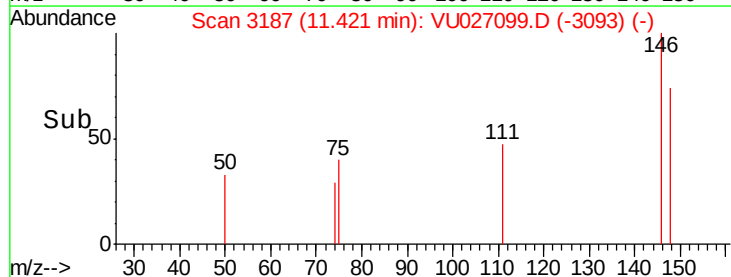
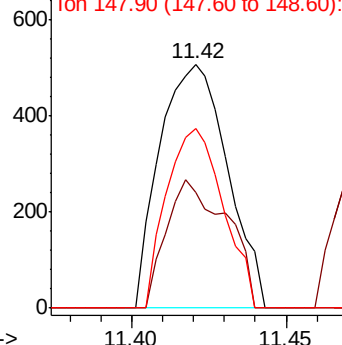


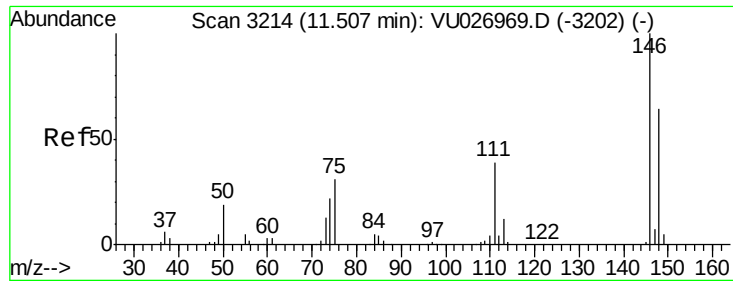
#87
1,3-Dichlorobenzene
Concen: 0.301 ug/l
RT: 11.42 min Scan# 3187
Delta R.T. 0.00 min
Lab File: VU027099.D
Acq: 24 Sep 2018 11:30

Tgt Ion:146 Resp: 771
Ion Ratio Lower Upper
146 100
111 46.8 20.8 62.2
148 61.7 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

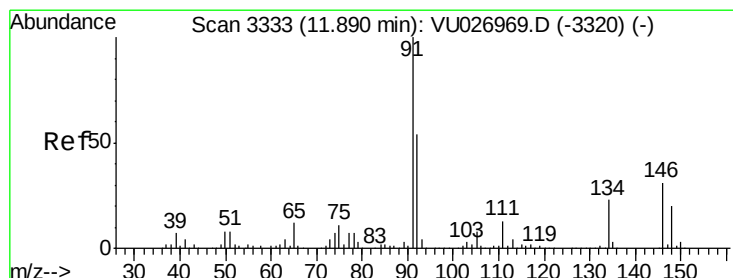
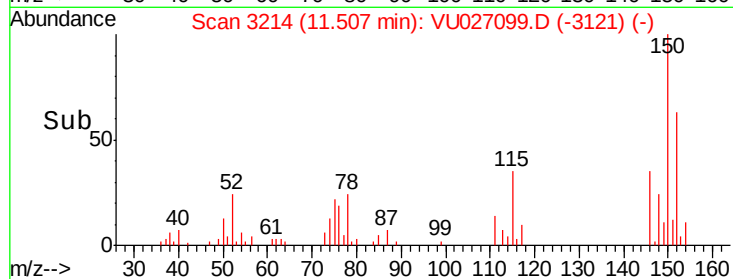
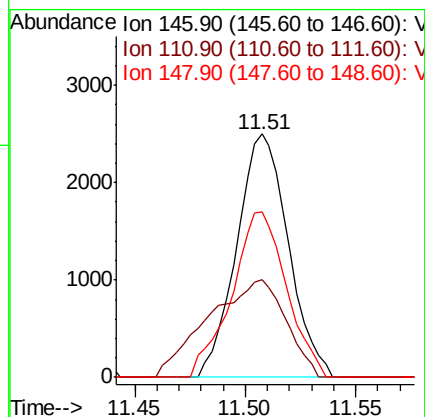
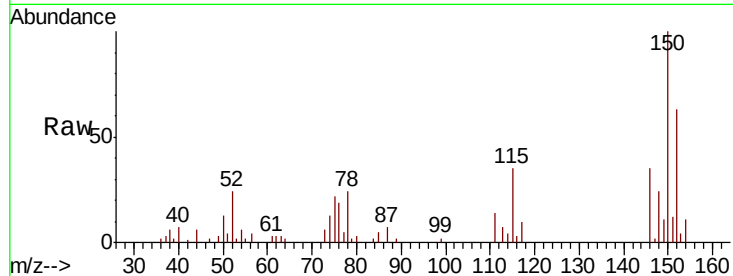




#88
 1,4-Dichlorobenzene
 Concen: 1.460 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: VU027099.D
 Acq: 24 Sep 2018 11:30

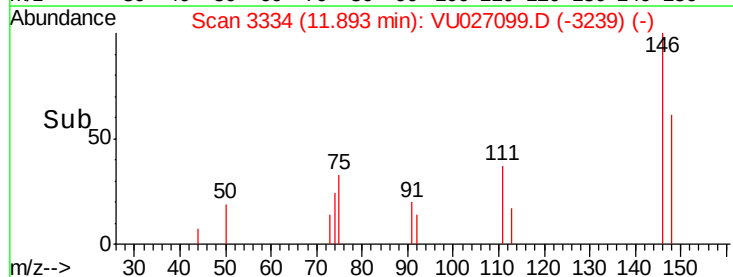
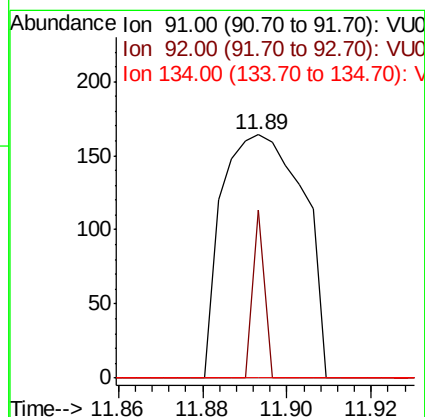
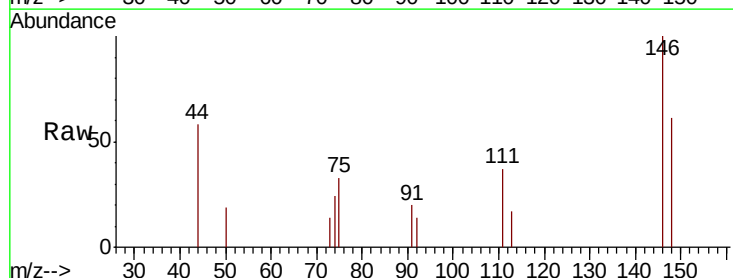
Instrument :
 MSVOA_U
 ClientSampleId :
 SA-PZ171I-20180916

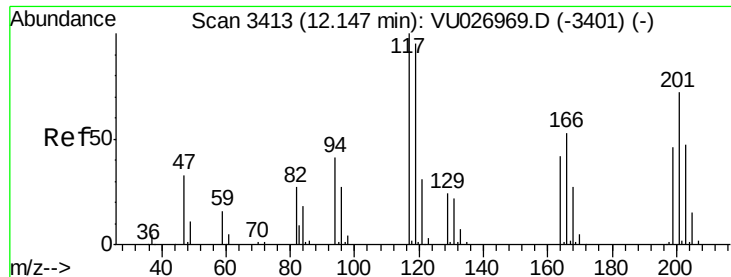
Tgt Ion: 146 Resp: 4072
 Ion Ratio Lower Upper
 146 100
 111 60.2 20.3 60.9
 148 71.8 31.9 95.9



#89
 n-Butylbenzene
 Concen: 2.433 ug/l
 RT: 11.89 min Scan# 3334
 Delta R.T. 0.00 min
 Lab File: VU027099.D
 Acq: 24 Sep 2018 11:30

Tgt Ion: 91 Resp: 220
 Ion Ratio Lower Upper
 91 100
 92 10.0 27.1 81.2#
 134 0.0 11.7 35.0#

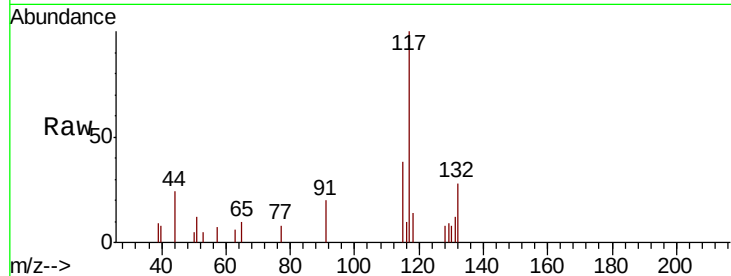




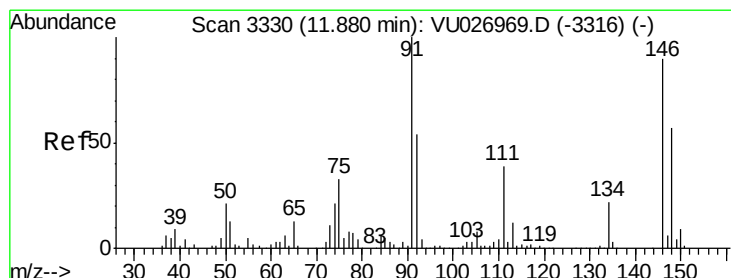
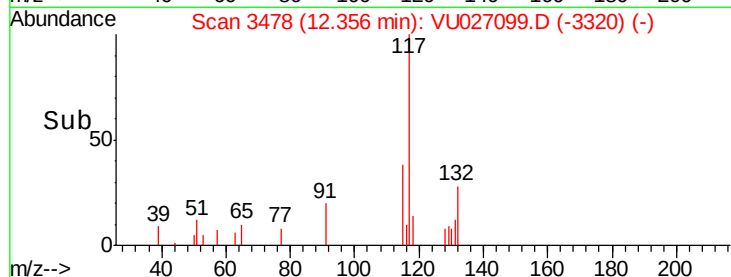
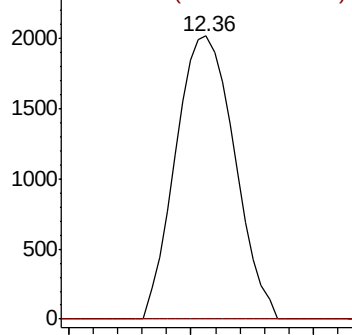
#90
Hexachloroethane
Concen: 3.317 ug/l
RT: 12.36 min Scan# 3478
Delta R.T. 0.21 min
Lab File: VU027099.D
Acq: 24 Sep 2018 11:30

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion:117 Resp: 3381
Ion Ratio Lower Upper
117 100
201 0.0 36.8 110.3#

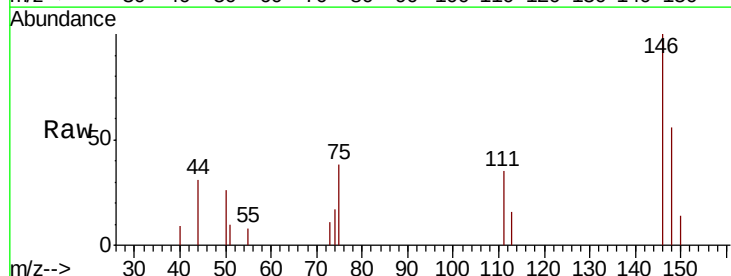


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

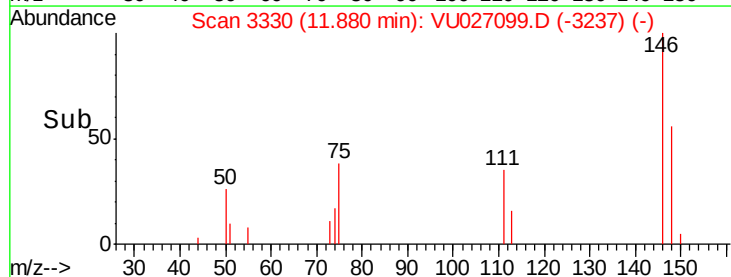
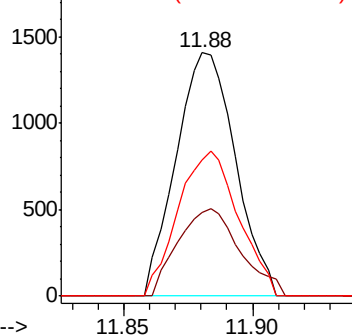


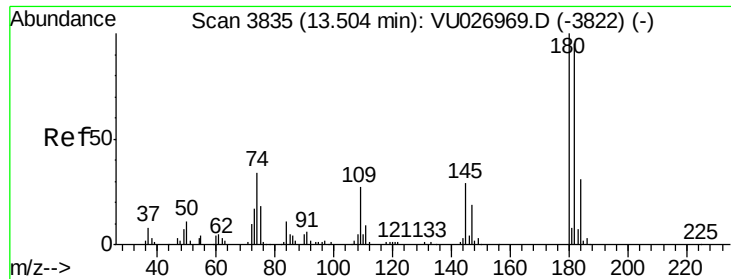
#91
1,2-Dichlorobenzene
Concen: 0.829 ug/l
RT: 11.88 min Scan# 3330
Delta R.T. 0.00 min
Lab File: VU027099.D
Acq: 24 Sep 2018 11:30

Tgt Ion:146 Resp: 2253
Ion Ratio Lower Upper
146 100
111 38.0 21.8 65.3
148 60.7 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

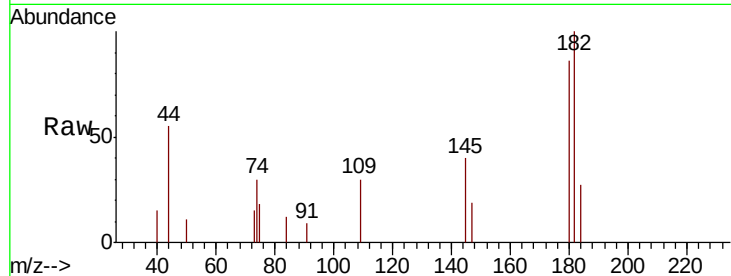




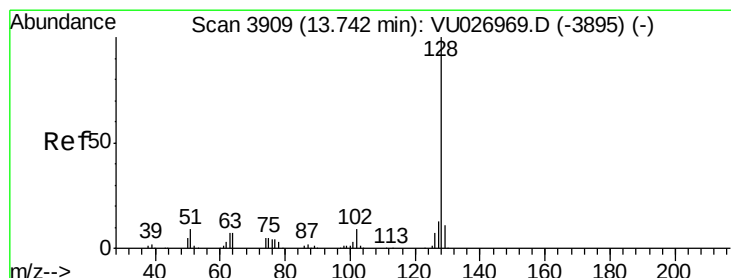
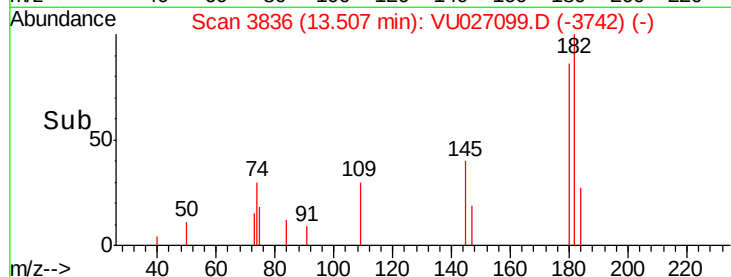
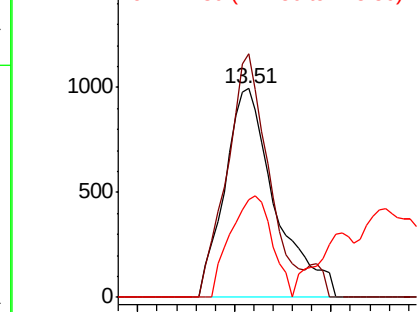
#93
 1,2,4-Trichlorobenzene
 Concen: 1.150 ug/l
 RT: 13.51 min Scan# 3836
 Delta R.T. 0.00 min
 Lab File: VU027099.D
 Acq: 24 Sep 2018 11:30

Instrument :
 MSVOA_U
 ClientSampleId :
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Tgt Ion:180 Resp: 1801
 Ion Ratio Lower Upper
 180 100
 182 96.4 47.4 142.2
 145 40.1 14.9 44.5

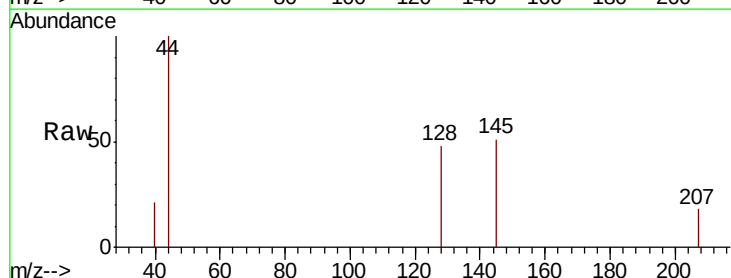


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

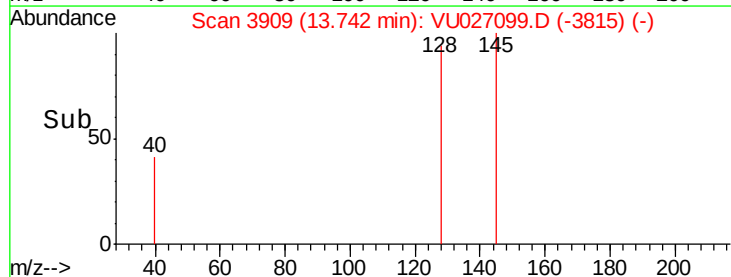
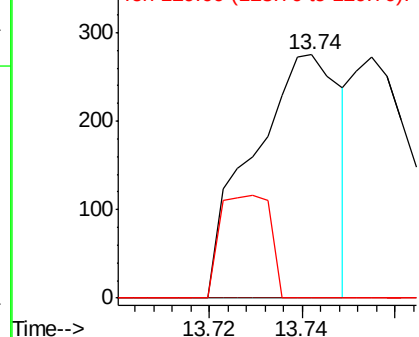


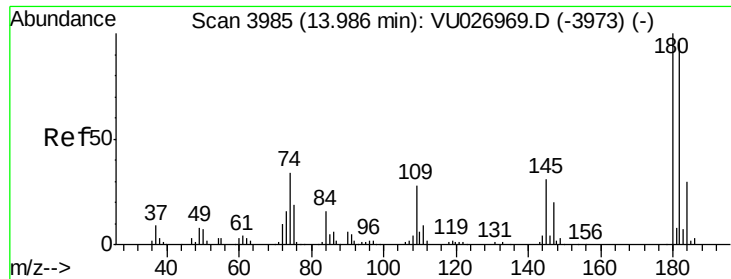
#95
 Naphthalene
 Concen: 1.746 ug/l
 RT: 13.74 min Scan# 3909
 Delta R.T. 0.00 min
 Lab File: VU027099.D
 Acq: 24 Sep 2018 11:30

Tgt Ion:128 Resp: 362
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.6 15.8#
 129 24.0 8.6 12.8#



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V





#96

1,2,3-Trichlorobenzene

Concen: 0.442 ug/l

RT: 13.99 min Scan# 3987

Delta R.T. 0.01 min

Lab File: VU027099.D

Acq: 24 Sep 2018 11:30

Instrument :

MSVOA_U

ClientSampleId :

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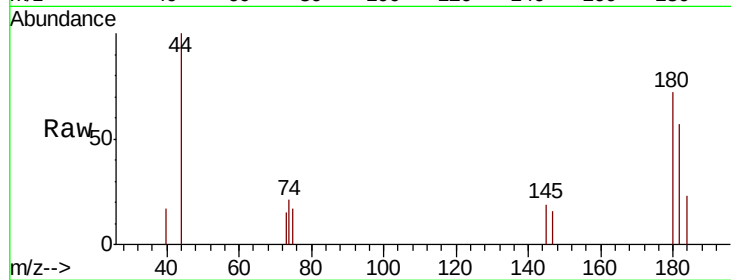
Tgt Ion:180 Resp: 743

Ion Ratio Lower Upper

180 100

182 103.8 47.5 142.5

145 14.5 15.4 46.4#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

