

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U100418\
 Data File : VU027369.D
 Acq On : 03 Oct 2018 20:42
 Operator : MD/SY
 Sample : J5155-02DL 200X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 QNWP8-MW30D-GWDL

Quant Time: Oct 03 23:59:51 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	92974	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	160828	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	150036	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	76599	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	100113	64.48	ug/l	0.00
Spiked Amount			Recovery	=	128.96%	
35) Dibromofluoromethane	4.89	113	68694	62.32	ug/l	0.00
Spiked Amount			Recovery	=	124.64%	
50) Toluene-d8	7.57	98	246755	59.82	ug/l	0.00
Spiked Amount			Recovery	=	119.64%	
62) 4-Bromofluorobenzene	10.31	95	82315	53.69	ug/l	0.00
Spiked Amount			Recovery	=	107.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.65	64	2549	2.487	ug/l #	44
10) Methyl Iodide	2.41	142	72	8.397	ug/l #	39
16) Acetone	2.33	43	877	0.956	ug/l	96
17) Carbon Disulfide	2.48	76	1132	0.320	ug/l #	75
20) Methylene Chloride	2.71	84	1034	0.809	ug/l #	85
31) Cyclohexane	4.99	56	2302	0.690	ug/l #	1
36) 1,1-Dichloropropene	4.99	75	8395	4.808	ug/l #	49
38) Carbon Tetrachloride	4.99	117	9311	5.903	ug/l #	18
40) Benzene	5.40	78	22569	4.437	ug/l	99
51) 4-Methyl-2-Pentanone	7.48	43	528	0.232	ug/l #	38
52) Toluene	7.64	92	165129	54.847	ug/l	99
55) 1,1,2-Trichloroethane	7.95	97	2606	2.183	ug/l #	16
56) Ethyl methacrylate	7.95	69	45	2.290	ug/l #	37
59) 2-Hexanone	8.39	43	490	0.277	ug/l #	56
67) Ethyl Benzene	9.25	91	16323	2.917	ug/l	99
68) m/p-Xylenes	9.38	106	18267	8.925	ug/l	98
69) o-Xylene	9.78	106	6962	3.580	ug/l	95
70) Styrene	9.78	104	1007	2.563	ug/l #	1
76) 1,2,3-Trichloropropane	10.31	75	43584	21.950	ug/l #	37
80) 1,3,5-Trimethylbenzene	10.77	105	1891	0.417	ug/l	96
81) trans-1,4-Dichloro-2-buten	10.31	75	43584	57.445	ug/l #	100
84) 1,2,4-Trimethylbenzene	11.15	105	4549	0.983	ug/l	97
86) p-Isopropyltoluene	11.48	119	1418	0.300	ug/l	88
87) 1,3-Dichlorobenzene	11.42	146	689	0.281	ug/l	93
88) 1,4-Dichlorobenzene	11.42	146	689	0.275	ug/l	93
89) n-Butylbenzene	11.89	91	1077	2.156	ug/l	88
90) Hexachloroethane	11.98	117	1223	1.374	ug/l #	12
92) 1,2-Dibromo-3-Chloropropan	12.70	75	97	0.200	ug/l #	7
93) 1,2,4-Trichlorobenzene	13.51	180	727	0.471	ug/l #	87
94) Hexachlorobutadiene	13.69	225	238	0.305	ug/l	71
95) Naphthalene	13.75	128	148046	26.376	ug/l	99
96) 1,2,3-Trichlorobenzene	13.98	180	601	0.374	ug/l	95

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Quant Title : SW846 8260
QLast Update : Tue Oct 02 02:04:34 2018
Response via : Initial Calibration

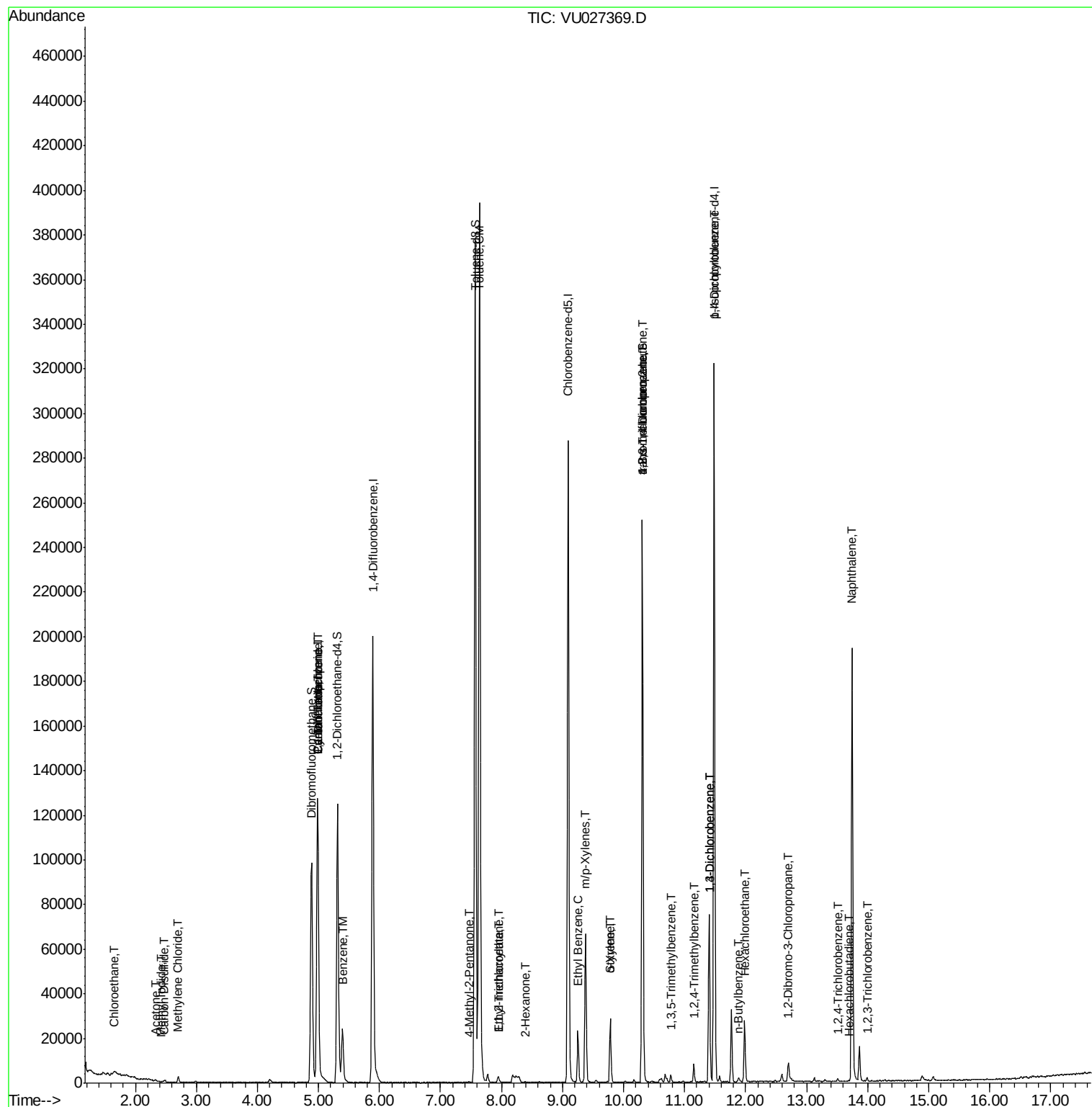
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

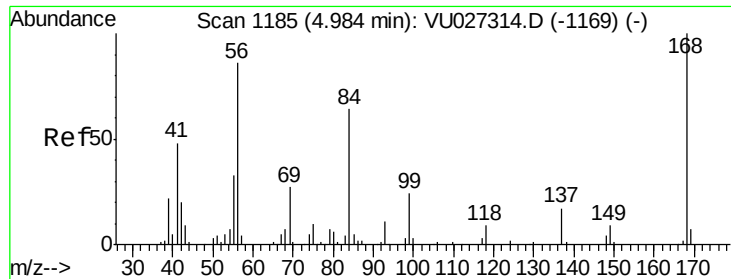
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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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: VU027369.D

Acq: 03 Oct 2018 20:42

Instrument :

MSVOA_U

ClientSampleId :

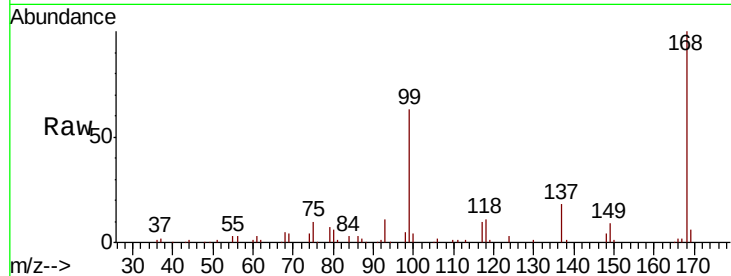
QNWP8-MW30D-GWDL

Tgt Ion:168 Resp: 92974

Ion Ratio Lower Upper

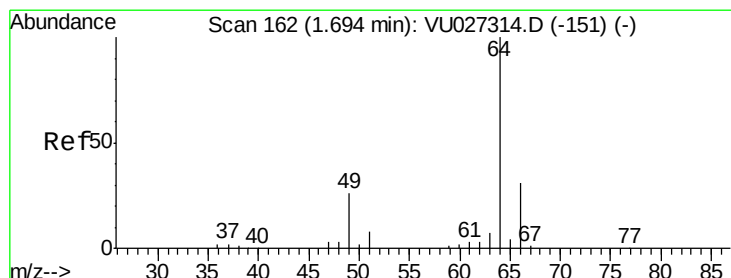
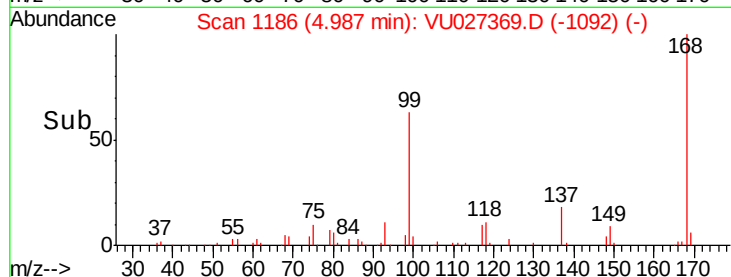
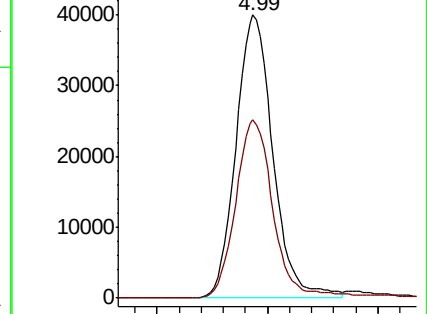
168 100

99 62.9 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) (-)



#6

Chloroethane

Concen: 2.487 ug/l

RT: 1.65 min Scan# 149

Delta R.T. -0.04 min

Lab File: VU027369.D

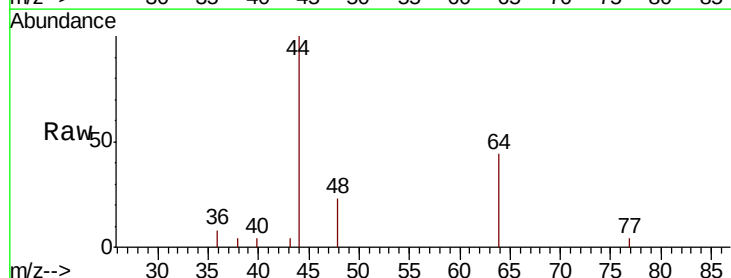
Acq: 03 Oct 2018 20:42

Tgt Ion: 64 Resp: 2549

Ion Ratio Lower Upper

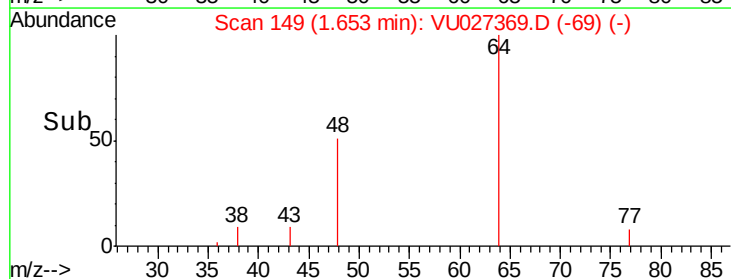
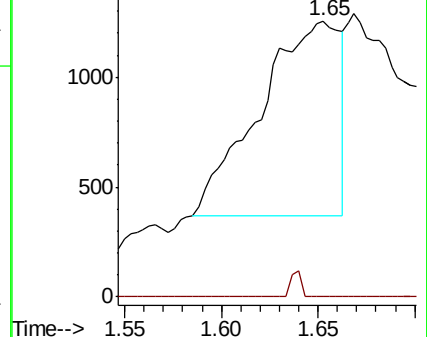
64 100

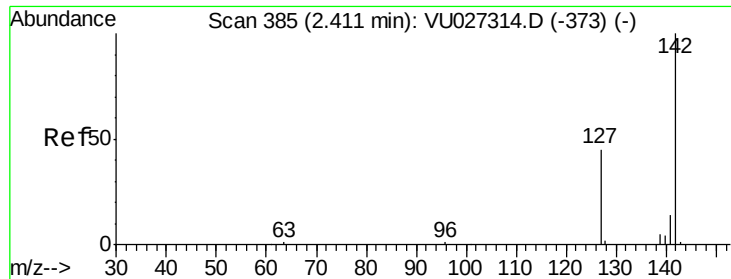
66 0.0 24.6 36.8#



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

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

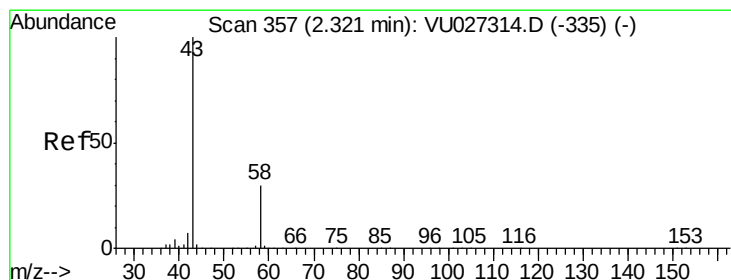
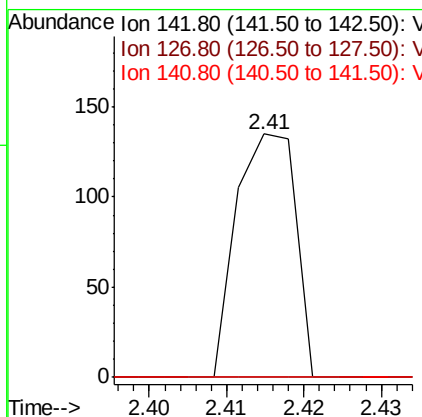
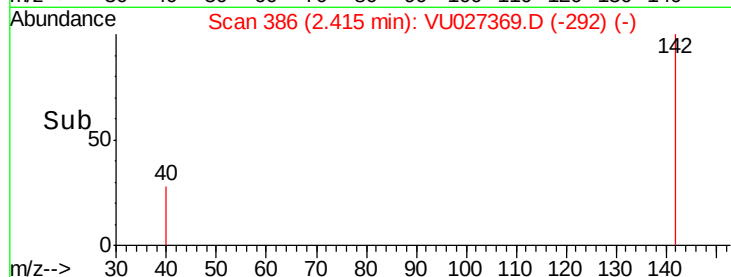
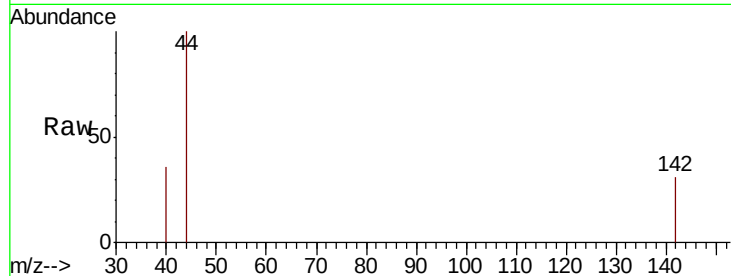




#10
Methyl Iodide
Concen: 8.397 ug/l
RT: 2.41 min Scan# 386
Delta R.T. 0.00 min
Lab File: VU027369.D
Acq: 03 Oct 2018 20:42

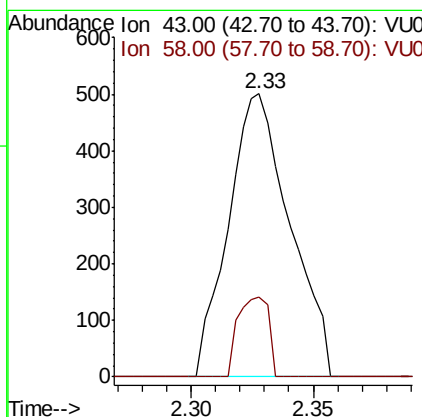
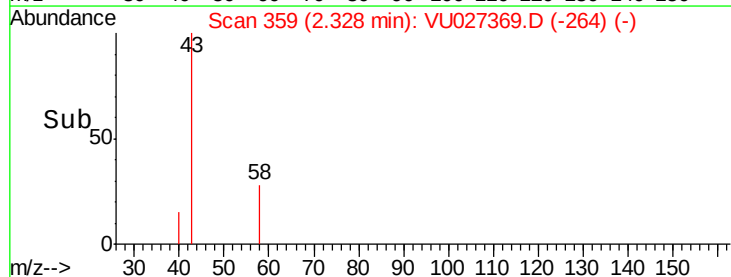
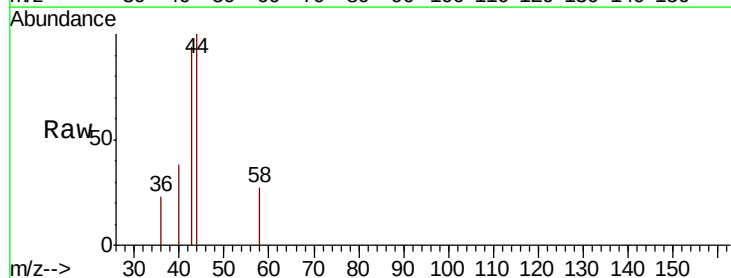
Instrument :
MSVOA_U
ClientSampleId :
QNWP8-MW30D-GWDL

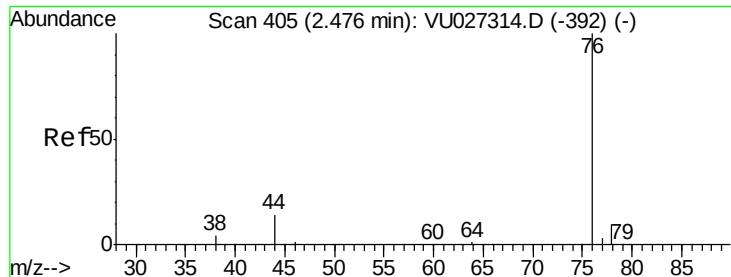
Tgt Ion: 142 Resp: 72
Ion Ratio Lower Upper
142 100
127 0.0 36.3 54.5#
141 0.0 11.6 17.4#



#16
Acetone
Concen: 0.956 ug/l
RT: 2.33 min Scan# 359
Delta R.T. 0.01 min
Lab File: VU027369.D
Acq: 03 Oct 2018 20:42

Tgt Ion: 43 Resp: 877
Ion Ratio Lower Upper
43 100
58 28.3 24.2 36.4





#17

Carbon Disulfide

Concen: 0.320 ug/l

RT: 2.48 min Scan# 406

Delta R.T. 0.00 min

Lab File: VU027369.D

Acq: 03 Oct 2018 20:42

Instrument :

MSVOA_U

ClientSampleId :

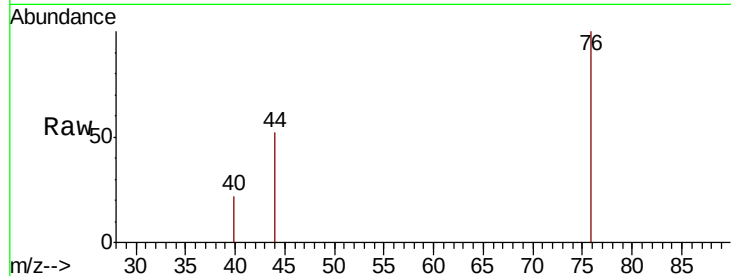
QNWP8-MW30D-GWDL

Tgt Ion: 76 Resp: 1132

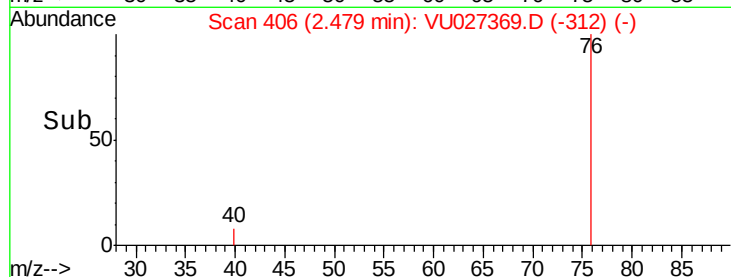
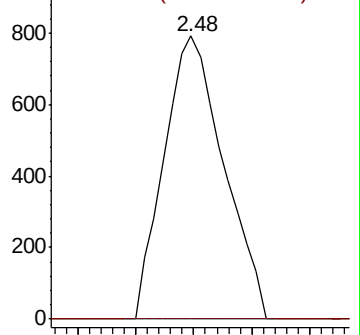
Ion Ratio Lower Upper

76 100

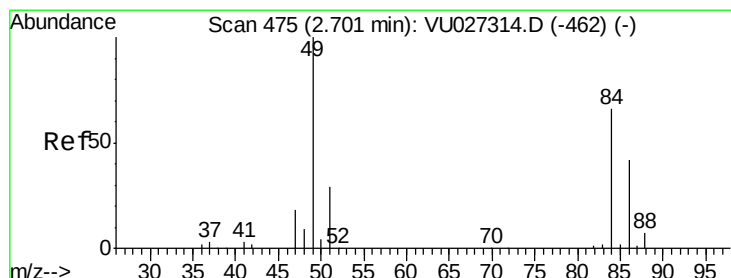
78 0.0 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VU027314.D (-392) (-)



Time--> 2.44 2.46 2.48 2.50 2.52



#20

Methylene Chloride

Concen: 0.809 ug/l

RT: 2.71 min Scan# 477

Delta R.T. 0.01 min

Lab File: VU027369.D

Acq: 03 Oct 2018 20:42

Tgt Ion: 84 Resp: 1034

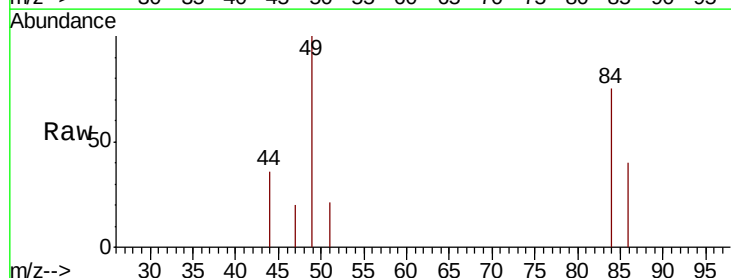
Ion Ratio Lower Upper

84 100

49 133.2 120.5 180.7

51 28.2 35.1 52.7#

86 52.9 50.5 75.7

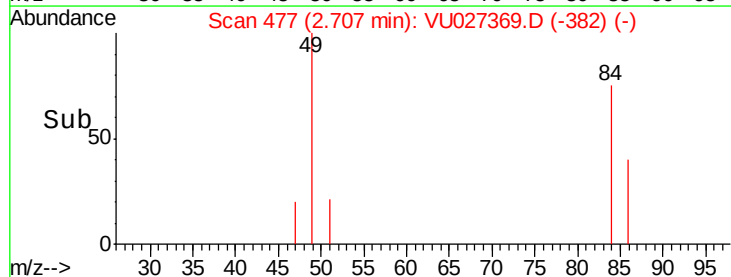
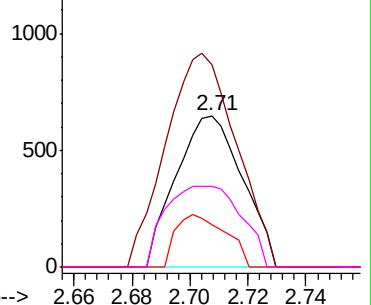


Abundance Ion 83.90 (83.60 to 84.60): VU027314.D (-462) (-)

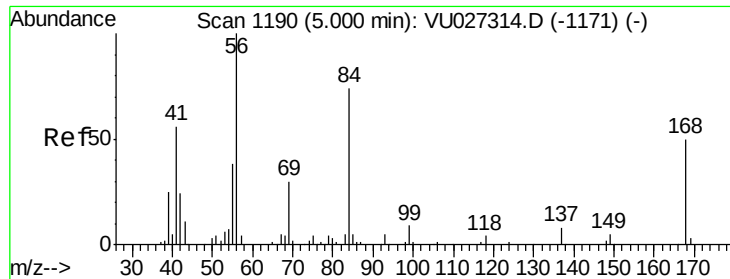
Ion 48.90 (48.60 to 49.60): VU027369.D (-382) (-)

Ion 50.90 (50.60 to 51.60): VU027369.D (-382) (-)

Ion 85.90 (85.60 to 86.60): VU027369.D (-382) (-)



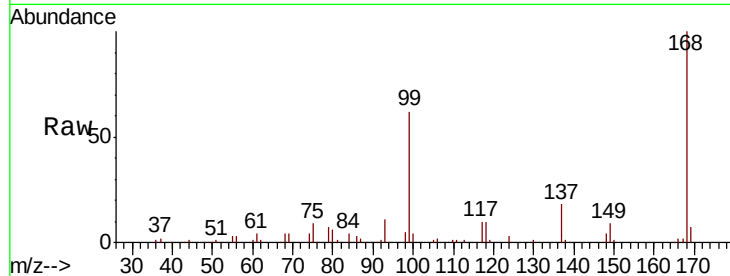
Time--> 2.66 2.68 2.70 2.72 2.74



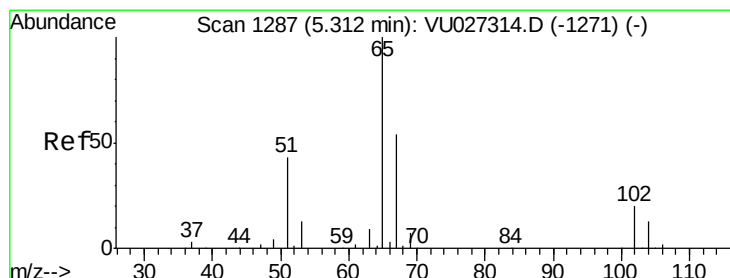
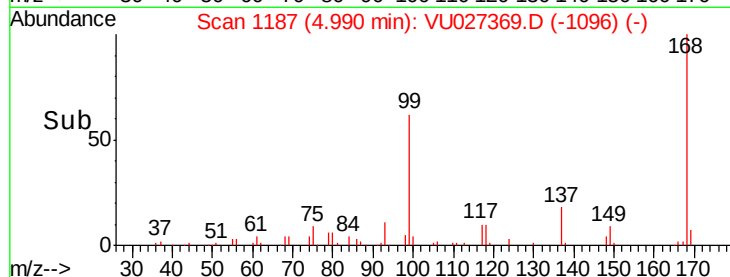
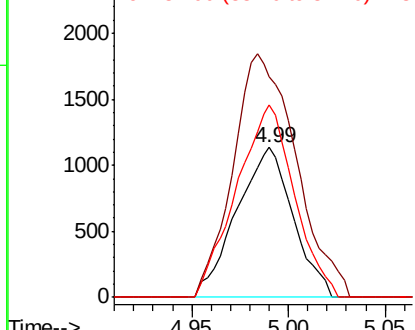
#31
Cyclohexane
Concen: 0.690 ug/l
RT: 4.99 min Scan# 1187
Delta R.T. -0.01 min
Lab File: VU027369.D
Acq: 03 Oct 2018 20:42

Instrument :
MSVOA_U
ClientSampleId :
QNWP8-MW30D-GWDL

Tgt Ion: 56 Resp: 2302
Ion Ratio Lower Upper
56 100
69 146.9 24.1 36.1#
84 128.6 59.1 88.7#

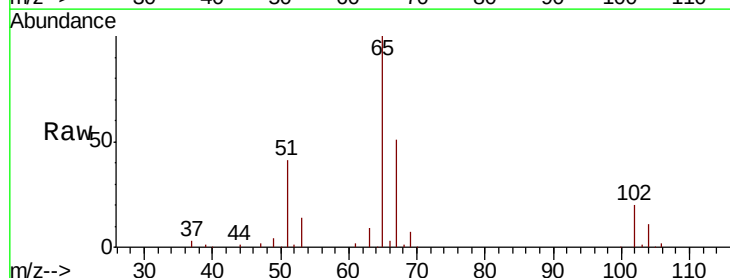


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

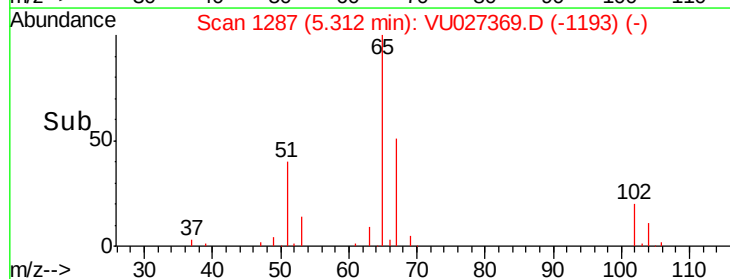
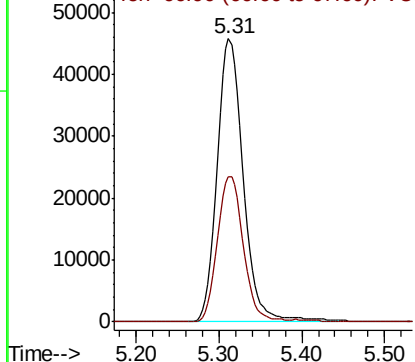


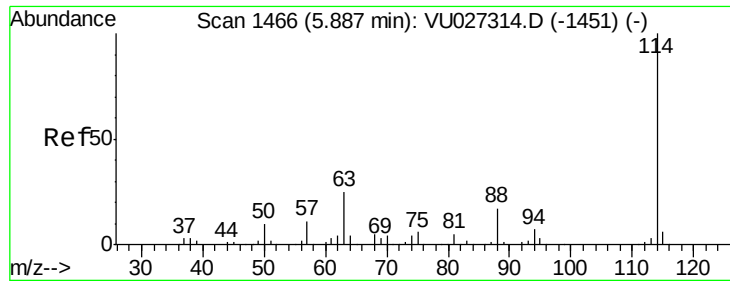
#33
1,2-Dichloroethane-d4
Concen: 64.485 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. 0.00 min
Lab File: VU027369.D
Acq: 03 Oct 2018 20:42

Tgt Ion: 65 Resp: 100113
Ion Ratio Lower Upper
65 100
67 51.0 0.0 107.8



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

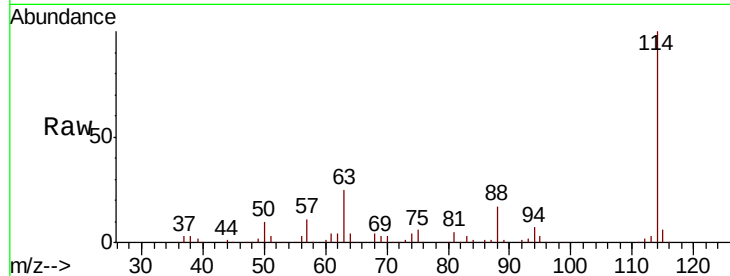




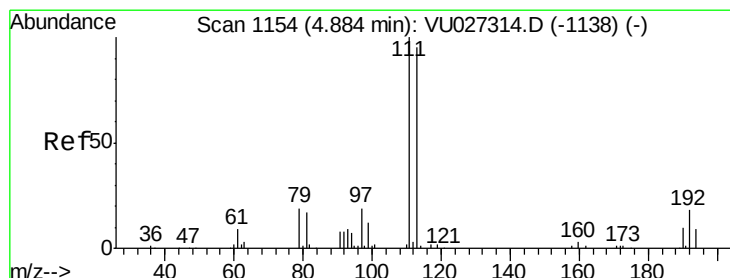
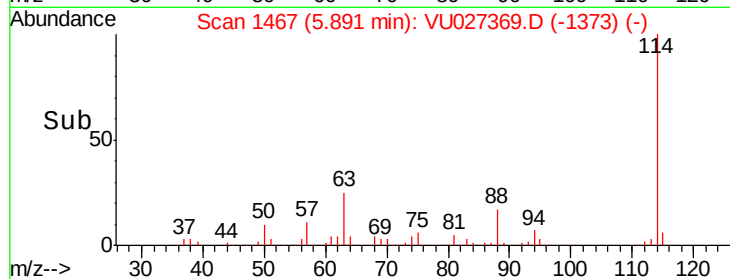
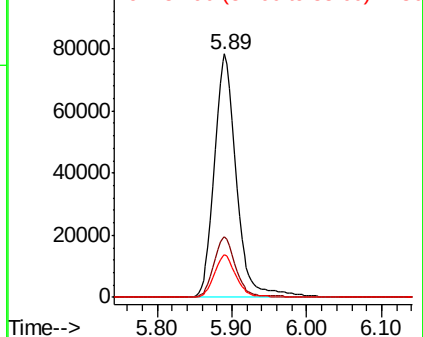
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.89 min Scan# 1467
Delta R.T. 0.00 min
Lab File: VU027369.D
Acq: 03 Oct 2018 20:42

Instrument :
MSVOA_U
ClientSampleId :
QNWP8-MW30D-GWDL

Tgt Ion:114 Resp: 160828
Ion Ratio Lower Upper
114 100
63 24.7 0.0 50.2
88 17.5 0.0 33.8

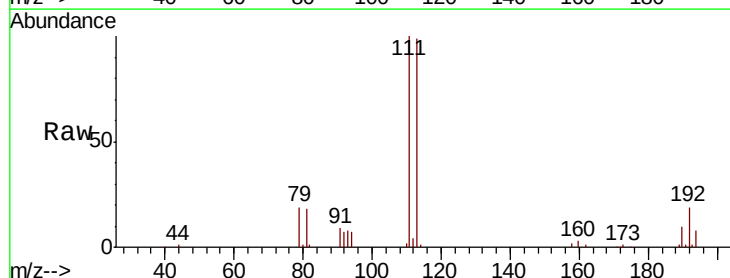


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VU0
Ion 87.90 (87.60 to 88.60): VU0

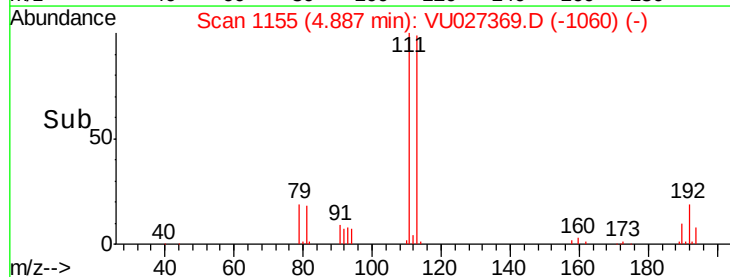
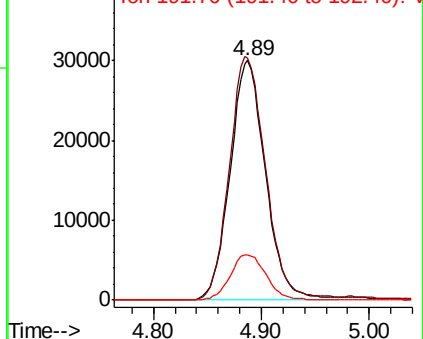


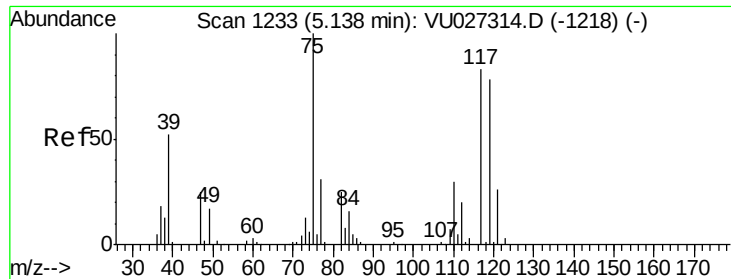
#35
Dibromofluoromethane
Concen: 62.324 ug/l
RT: 4.89 min Scan# 1155
Delta R.T. 0.00 min
Lab File: VU027369.D
Acq: 03 Oct 2018 20:42

Tgt Ion:113 Resp: 68694
Ion Ratio Lower Upper
113 100
111 103.3 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

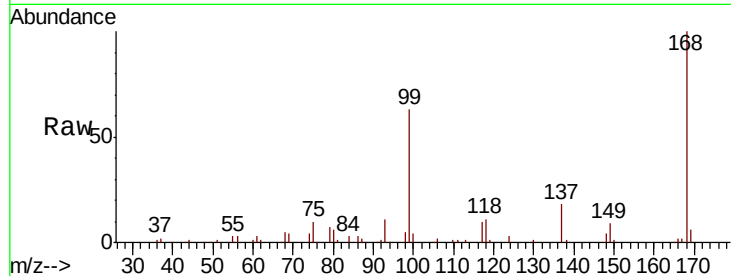




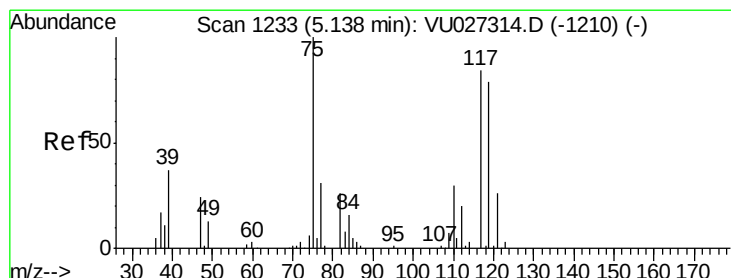
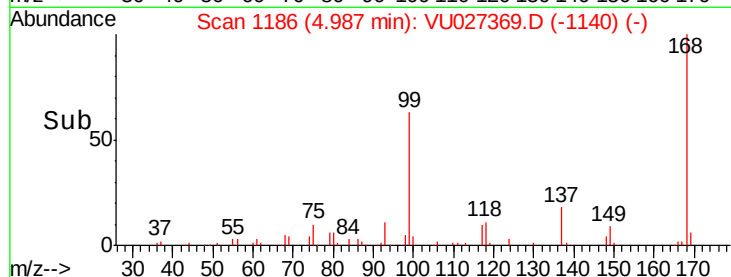
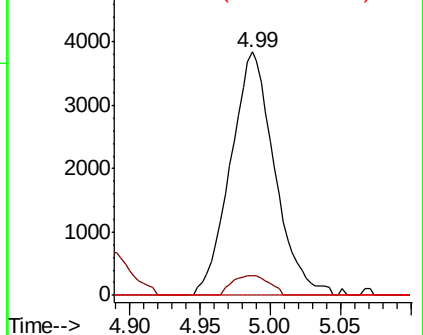
#36
 1,1-Dichloropropene
 Concen: 4.808 ug/l
 RT: 4.99 min Scan# 1186
 Delta R.T. -0.15 min
 Lab File: VU027369.D
 Acq: 03 Oct 2018 20:42

Instrument :
 MSVOA_U
 ClientSampleId :
 QNWP8-MW30D-GWDL

Tgt Ion	Ratio	Lower	Upper
75	100		
110	6.8	15.5	46.5#
77	0.0	25.4	38.0#

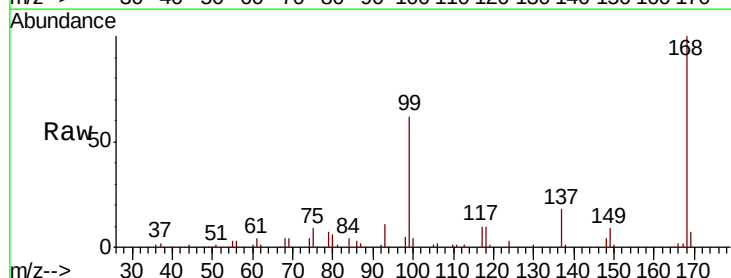


Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VU0

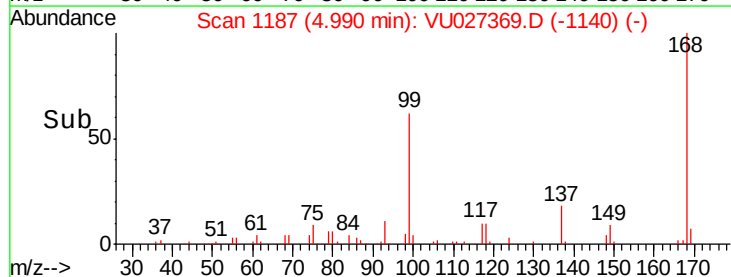
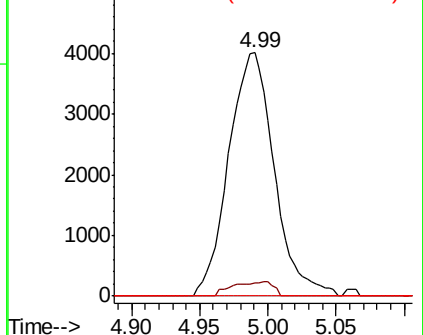


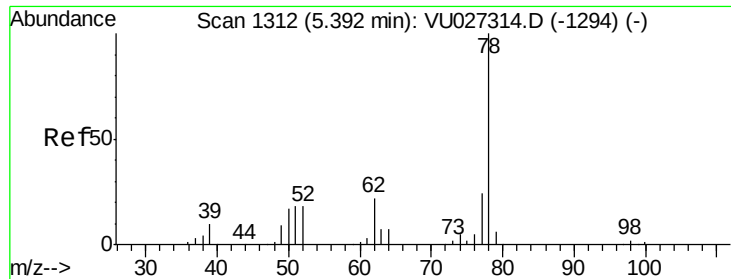
#38
 Carbon Tetrachloride
 Concen: 5.903 ug/l
 RT: 4.99 min Scan# 1187
 Delta R.T. -0.15 min
 Lab File: VU027369.D
 Acq: 03 Oct 2018 20:42

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.6	74.5	111.7#
121	0.0	24.6	37.0#



Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 118.80 (118.50 to 119.50): V
 Ion 120.80 (120.50 to 121.50): V





#40

Benzene

Concen: 4.437 ug/l

RT: 5.40 min Scan# 1313

Delta R.T. 0.00 min

Lab File: VU027369.D

Acq: 03 Oct 2018 20:42

Instrument :

MSVOA_U

ClientSampleId :

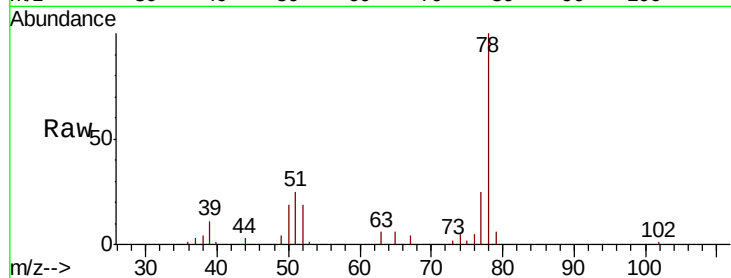
QNWP8-MW30D-GWDL

Tgt Ion: 78 Resp: 22569

Ion Ratio Lower Upper

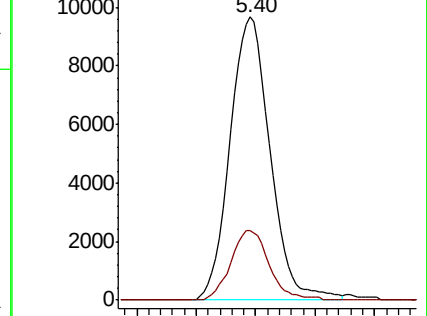
78 100

77 24.6 19.3 28.9

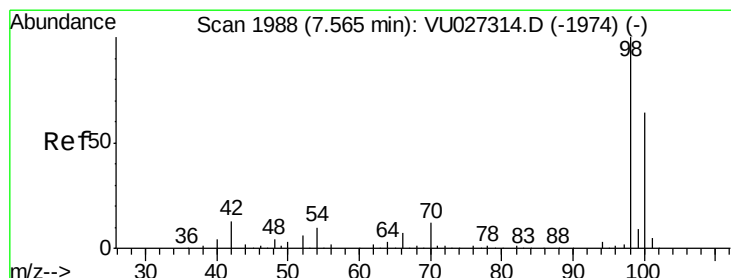
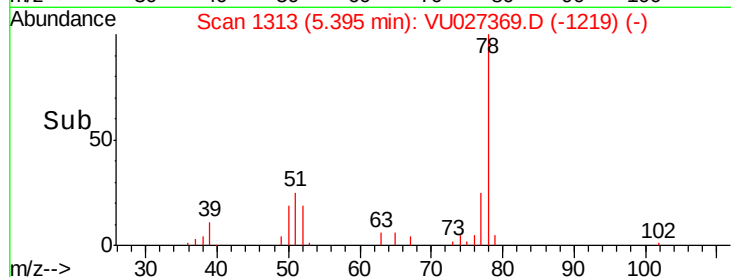


Abundance Ion 78.00 (77.70 to 78.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



Time-->



#50

Toluene-d8

Concen: 59.816 ug/l

RT: 7.57 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VU027369.D

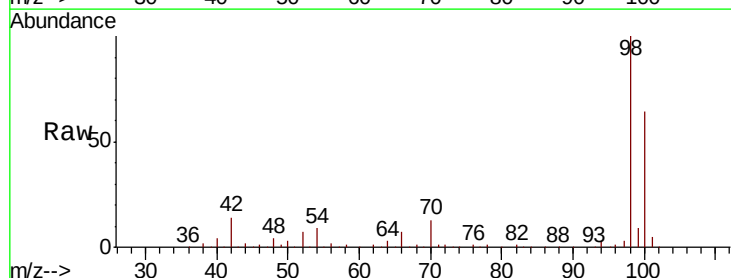
Acq: 03 Oct 2018 20:42

Tgt Ion: 98 Resp: 246755

Ion Ratio Lower Upper

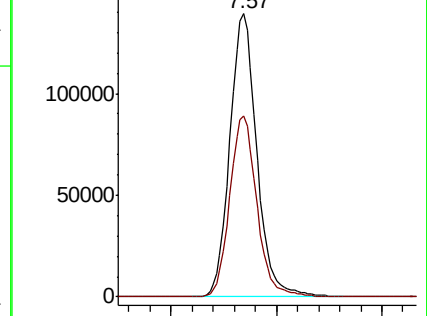
98 100

100 64.2 52.1 78.1

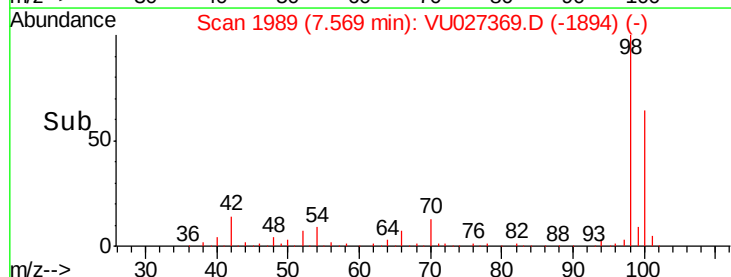


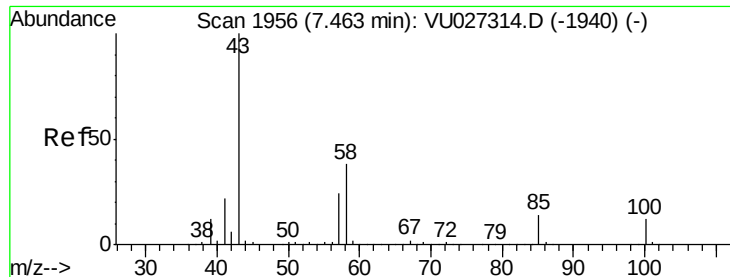
Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU0



Time-->

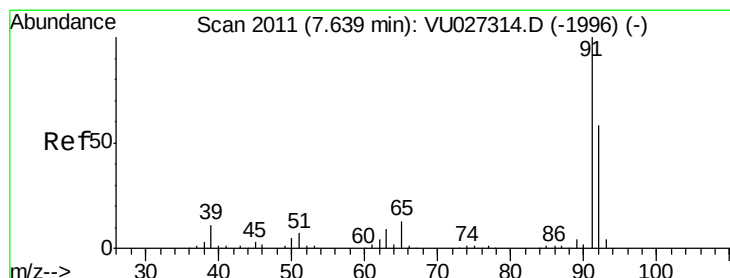
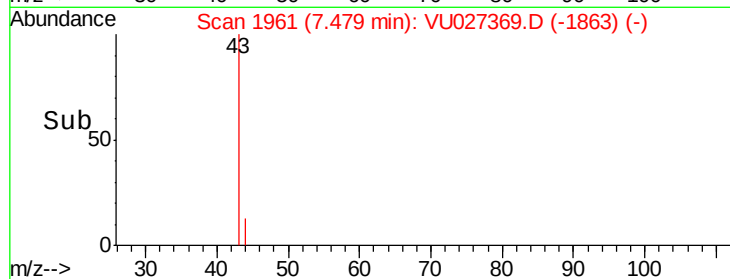
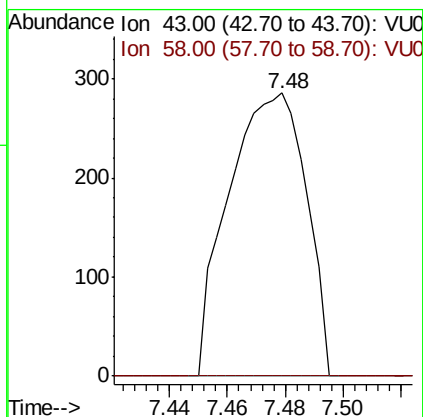
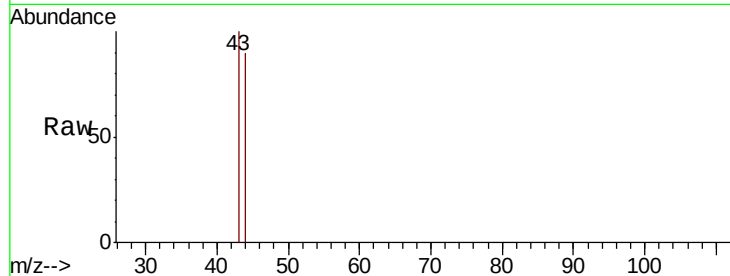




#51
 4-Methyl-2-Pentanone
 Concen: 0.232 ug/l
 RT: 7.48 min Scan# 1961
 Delta R.T. 0.02 min
 Lab File: VU027369.D
 Acq: 03 Oct 2018 20:42

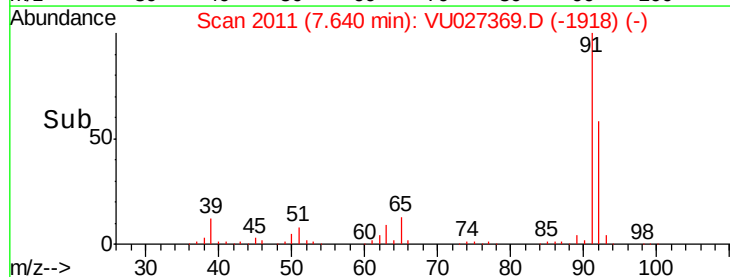
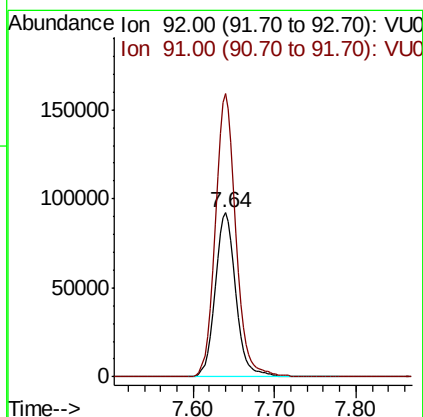
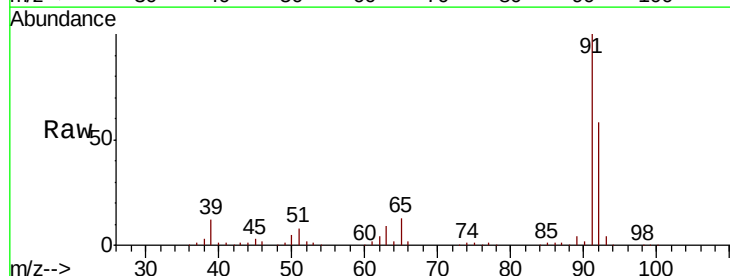
Instrument :
 MSVOA_U
 ClientSampleId :
 QNWP8-MW30D-GWDL

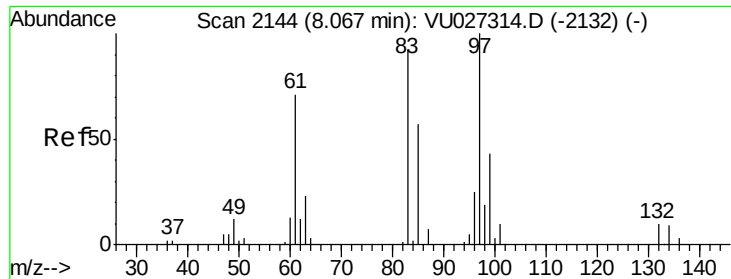
Tgt Ion: 43 Resp: 528
 Ion Ratio Lower Upper
 43 100
 58 0.0 29.8 44.8#



#52
 Toluene
 Concen: 54.847 ug/l
 RT: 7.64 min Scan# 2011
 Delta R.T. 0.00 min
 Lab File: VU027369.D
 Acq: 03 Oct 2018 20:42

Tgt Ion: 92 Resp: 165129
 Ion Ratio Lower Upper
 92 100
 91 171.8 138.6 208.0

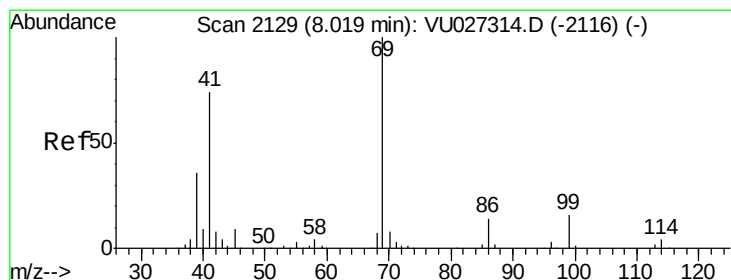
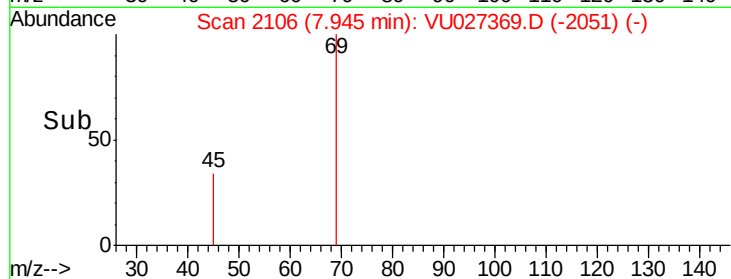
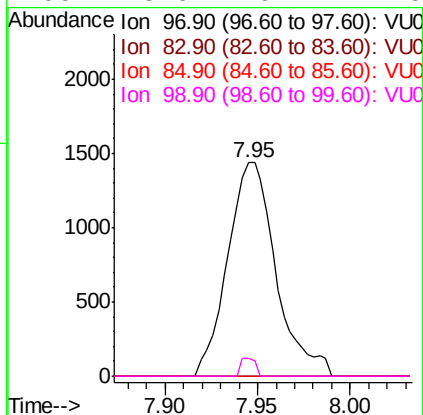
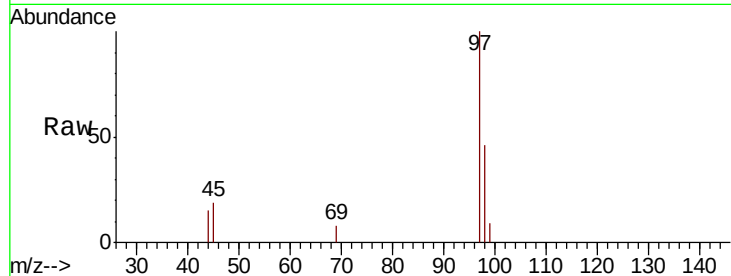




#55
 1,1,2-Trichloroethane
 Concen: 2.183 ug/l
 RT: 7.95 min Scan# 2106
 Delta R.T. -0.12 min
 Lab File: VU027369.D
 Acq: 03 Oct 2018 20:42

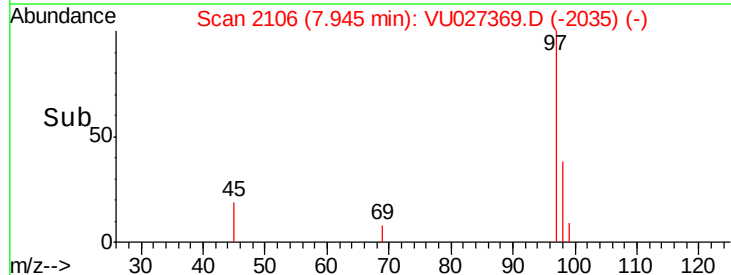
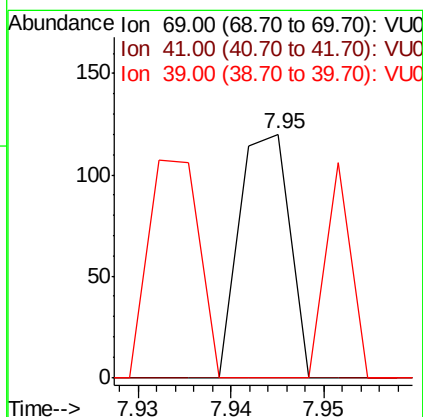
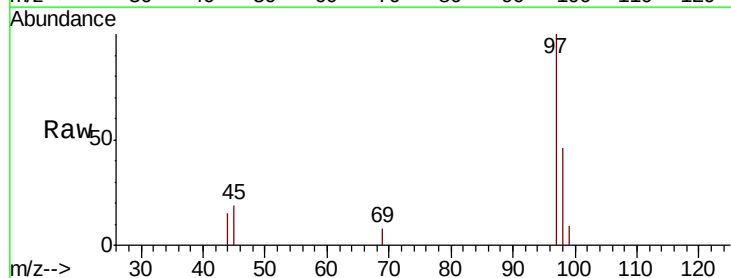
Instrument :
 MSVOA_U
 ClientSampleId :
 QNWP8-MW30D-GWDL

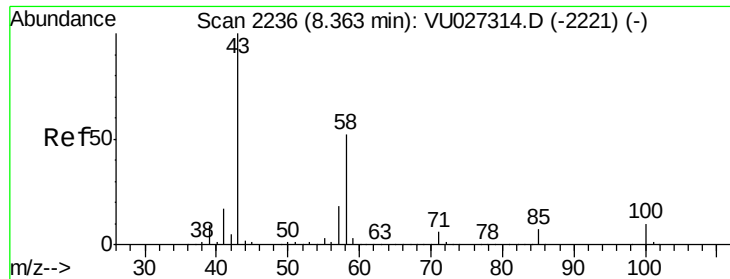
Tgt Ion: 97 Resp: 2606
 Ion Ratio Lower Upper
 97 100
 83 0.0 73.0 109.6#
 85 0.0 47.3 70.9#
 99 8.6 49.7 74.5#



#56
 Ethyl methacrylate
 Concen: 2.290 ug/l
 RT: 7.95 min Scan# 2106
 Delta R.T. -0.07 min
 Lab File: VU027369.D
 Acq: 03 Oct 2018 20:42

Tgt Ion: 69 Resp: 45
 Ion Ratio Lower Upper
 69 100
 41 0.0 60.0 90.0#
 39 44.4 29.5 44.3#

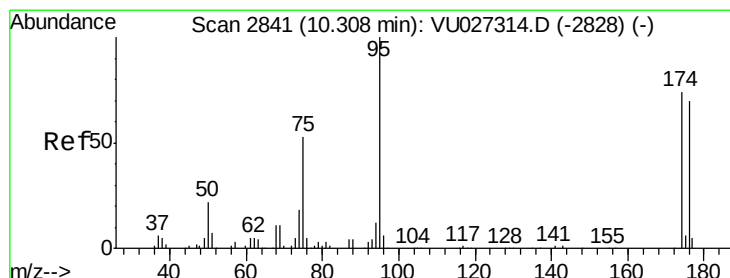
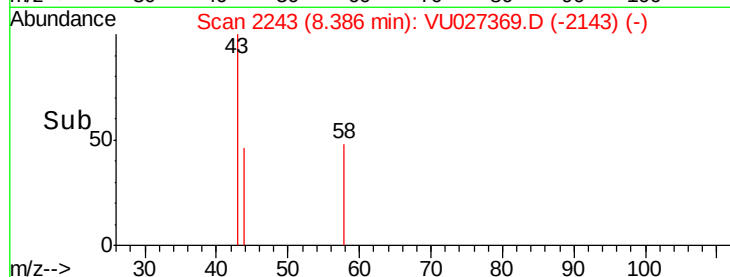
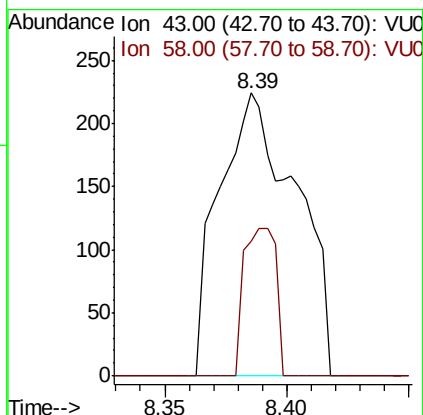
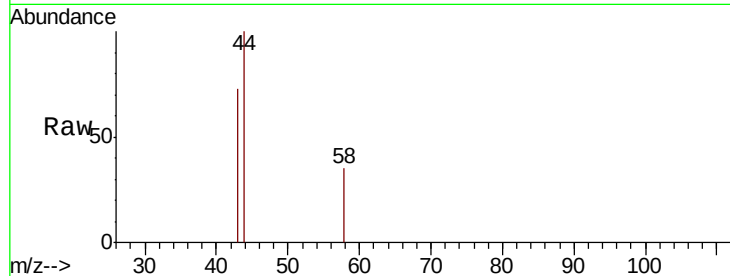




#59
2-Hexanone
Concen: 0.277 ug/l
RT: 8.39 min Scan# 2243
Delta R.T. 0.02 min
Lab File: VU027369.D
Acq: 03 Oct 2018 20:42

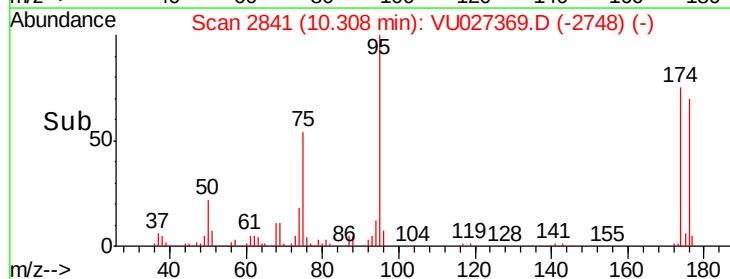
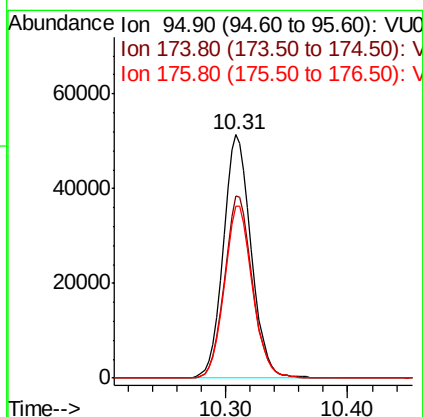
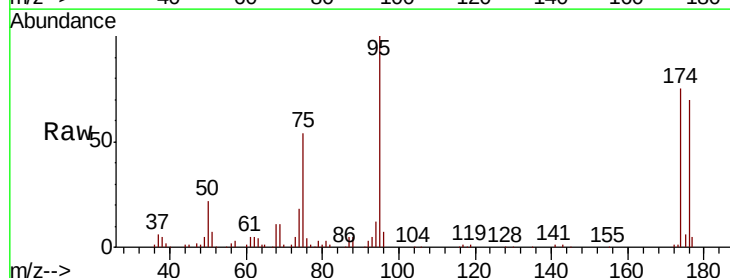
Instrument :
MSVOA_U
ClientSampleId :
QNWP8-MW30D-GWDL

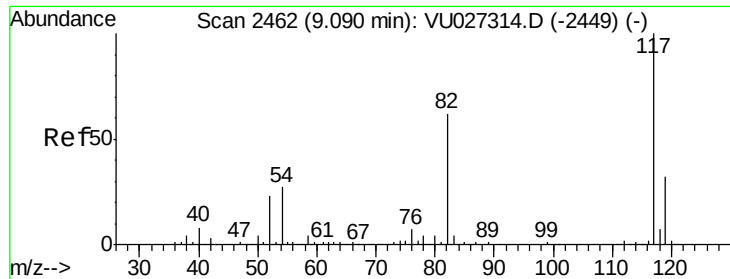
Tgt Ion: 43 Resp: 490
Ion Ratio Lower Upper
43 100
58 21.4 26.1 78.3#



#62
4-Bromofluorobenzene
Concen: 53.692 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU027369.D
Acq: 03 Oct 2018 20:42

Tgt Ion: 95 Resp: 82315
Ion Ratio Lower Upper
95 100
174 75.1 0.0 147.8
176 71.3 0.0 140.8

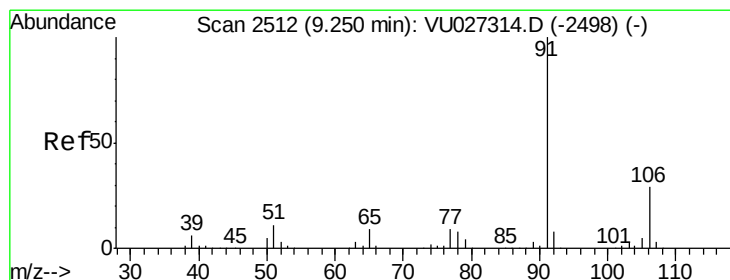
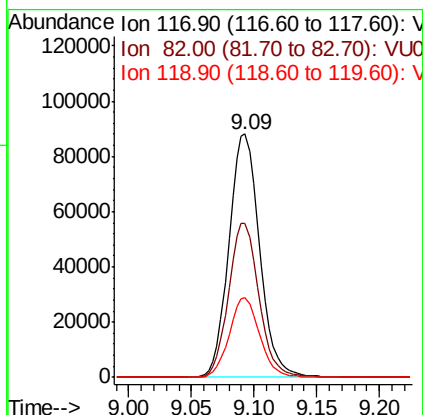
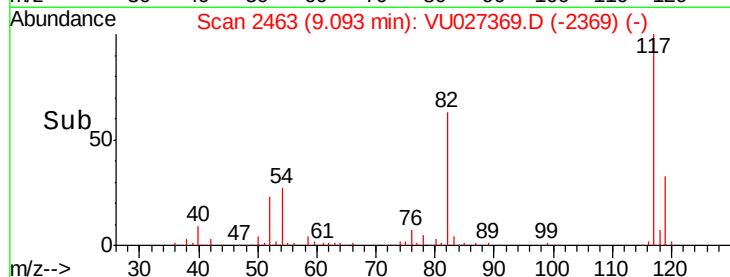
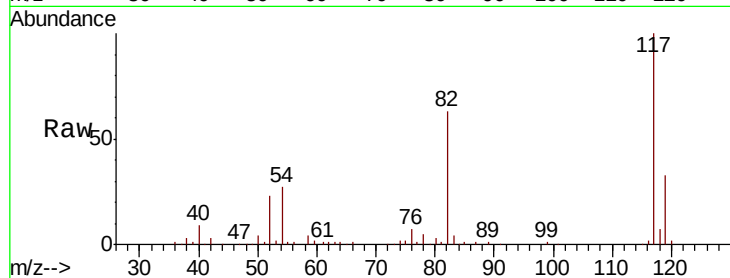




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU027369.D
Acq: 03 Oct 2018 20:42

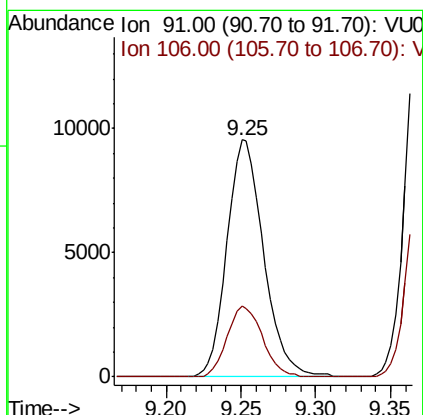
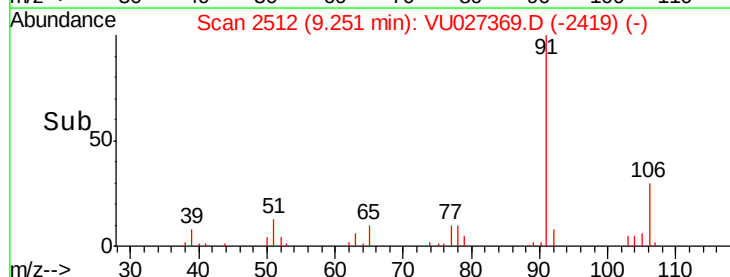
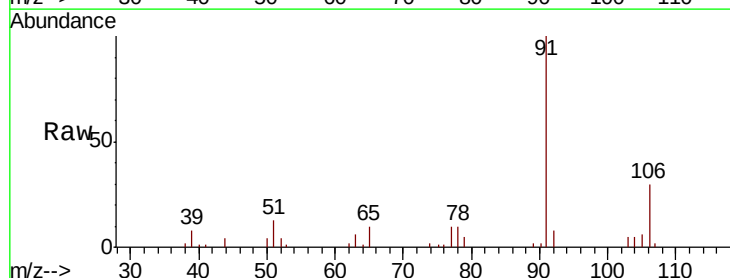
Instrument :
MSVOA_U
ClientSampleId :
QNWP8-MW30D-GWDL

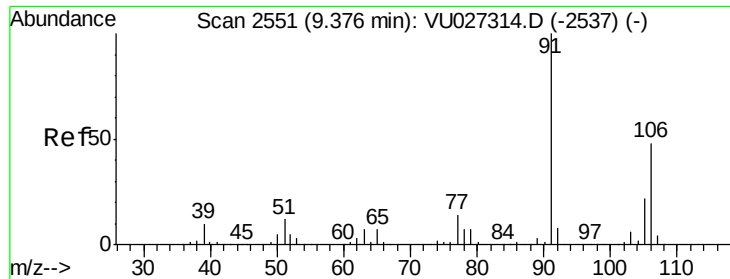
Tgt Ion: 117 Resp: 150036
Ion Ratio Lower Upper
117 100
82 63.2 49.2 73.8
119 32.7 25.7 38.5



#67
Ethyl Benzene
Concen: 2.917 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU027369.D
Acq: 03 Oct 2018 20:42

Tgt Ion: 91 Resp: 16323
Ion Ratio Lower Upper
91 100
106 30.1 23.6 35.4

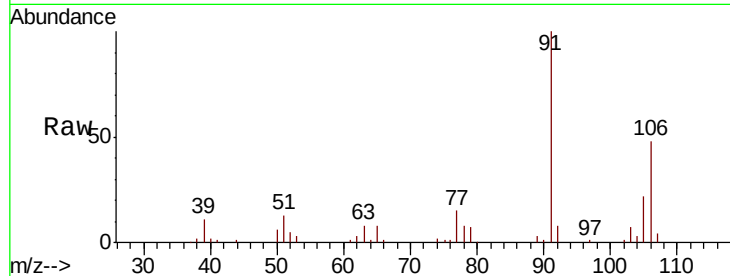




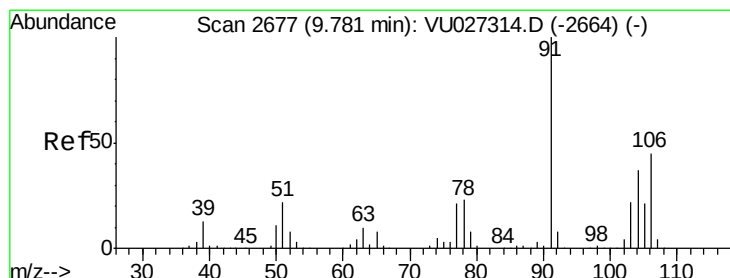
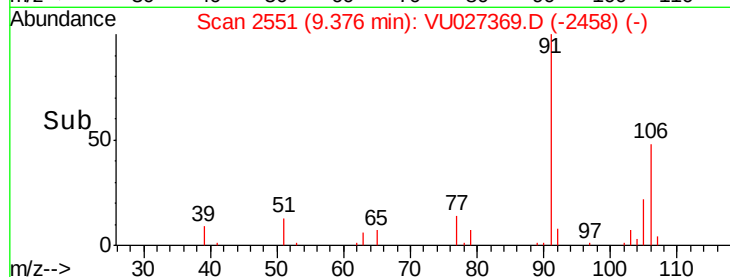
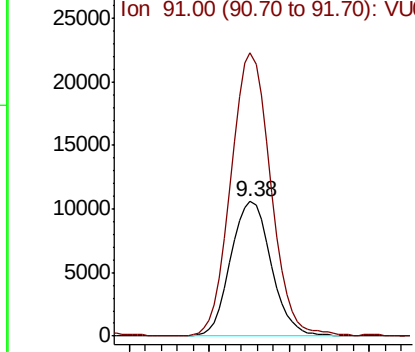
#68
m/p-Xylenes
Concen: 8.925 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU027369.D
Acq: 03 Oct 2018 20:42

Instrument :
MSVOA_U
ClientSampleId :
QNWP8-MW30D-GWDL

Tgt Ion:106 Resp: 18267
Ion Ratio Lower Upper
106 100
91 207.1 168.1 252.1

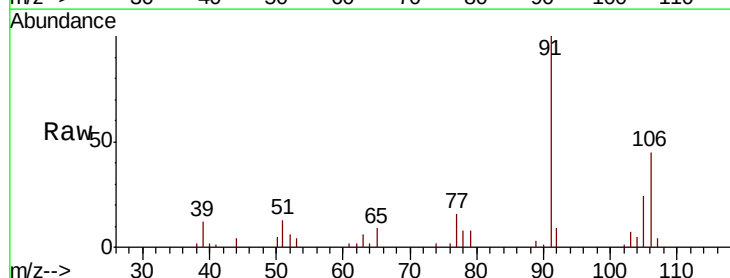


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

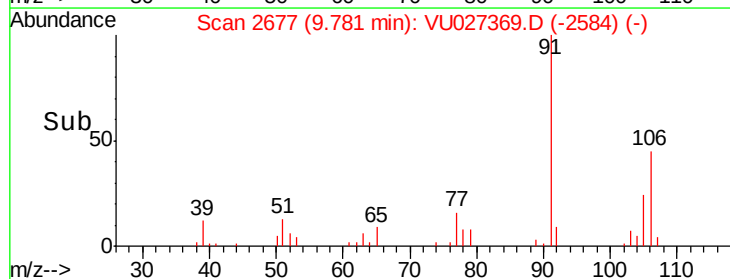
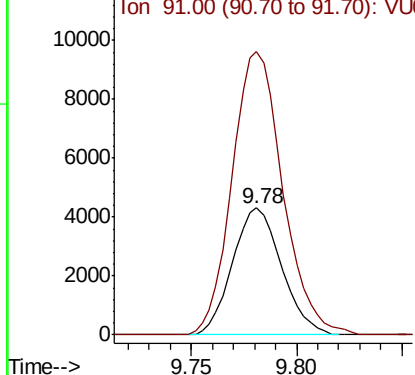


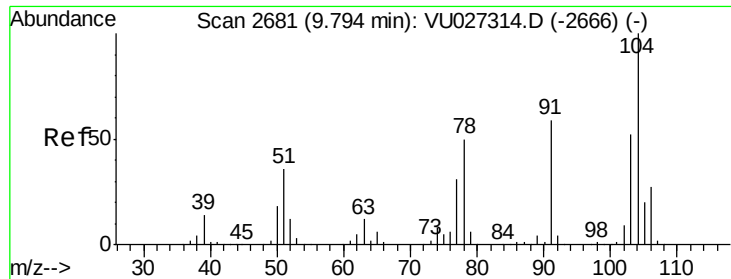
#69
o-Xylene
Concen: 3.580 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU027369.D
Acq: 03 Oct 2018 20:42

Tgt Ion:106 Resp: 6962
Ion Ratio Lower Upper
106 100
91 230.8 111.7 334.9



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

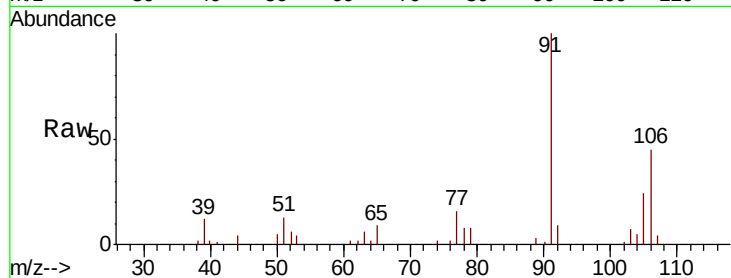




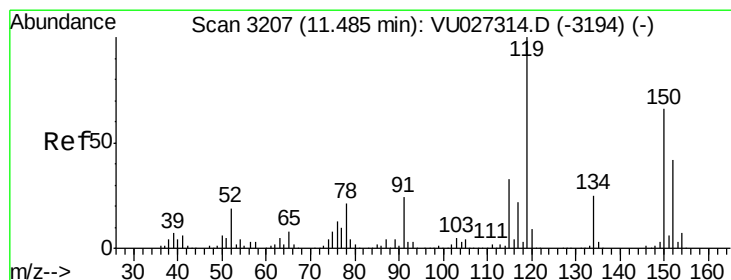
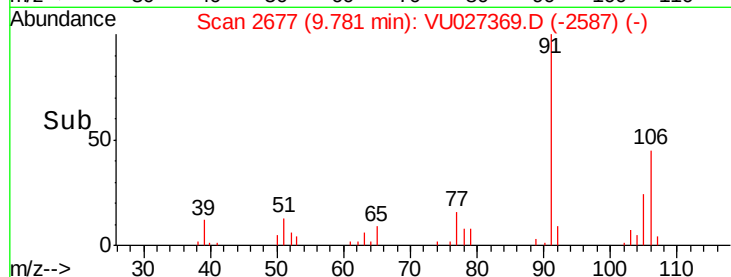
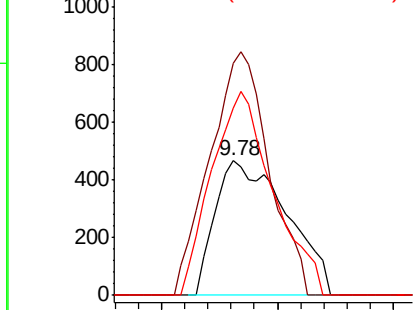
#70
Styrene
Concen: 2.563 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. -0.01 min
Lab File: VU027369.D
Acq: 03 Oct 2018 20:42

Instrument :
MSVOA_U
ClientSampleId :
QNWP8-MW30D-GWDL

Tgt Ion:104 Resp: 1007
Ion Ratio Lower Upper
104 100
78 148.2 42.9 64.3#
103 129.3 43.9 65.9#

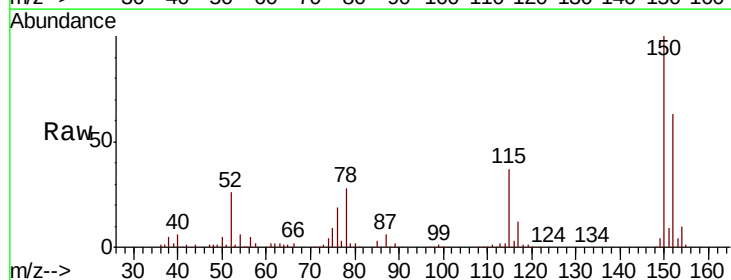


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0
Ion 103.00 (102.70 to 103.70): V

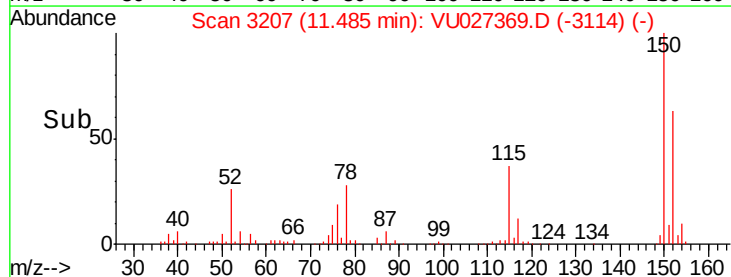
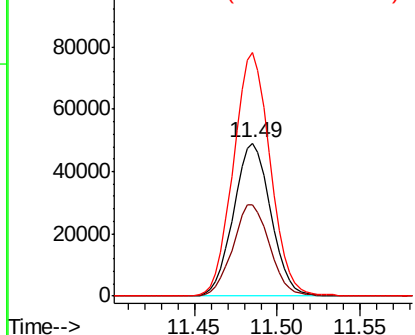


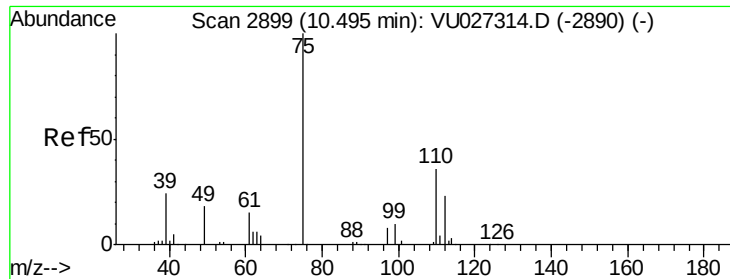
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027369.D
Acq: 03 Oct 2018 20:42

Tgt Ion:152 Resp: 76599
Ion Ratio Lower Upper
152 100
115 59.5 43.4 130.2
150 158.1 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: 21.950 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.19 min

Lab File: VU027369.D

Acq: 03 Oct 2018 20:42

Instrument :

MSVOA_U

ClientSampleId :

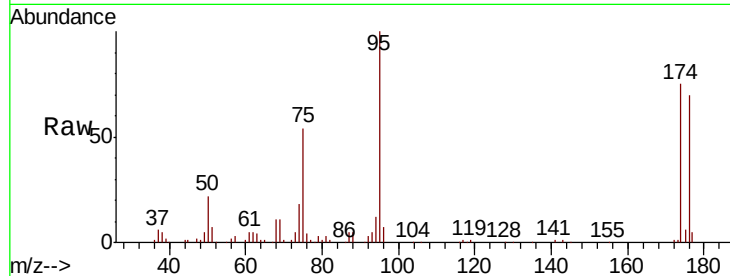
QNWP8-MW30D-GWDL

Tgt Ion: 75 Resp: 43584

Ion Ratio Lower Upper

75 100

77 1.2 20.3 60.9#

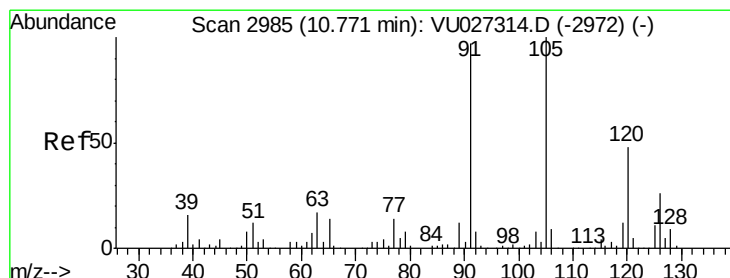
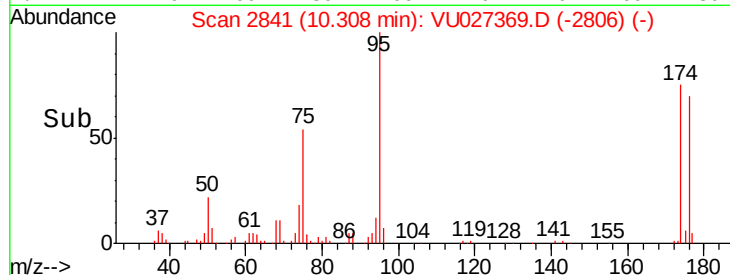


Abundance Ion 74.90 (74.60 to 75.60): VU027369.D (-2806) (-)

Ion 77.00 (76.70 to 77.70): VU027369.D (-2806) (-)

10.31

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 0.417 ug/l

RT: 10.77 min Scan# 2986

Delta R.T. 0.00 min

Lab File: VU027369.D

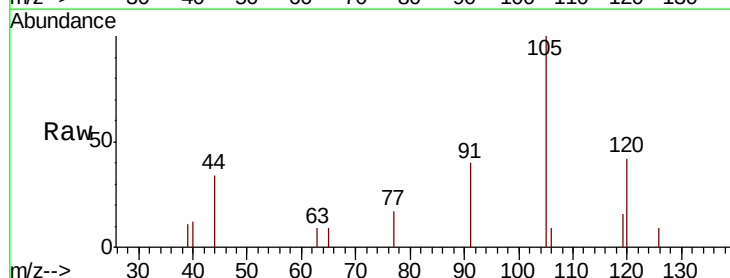
Acq: 03 Oct 2018 20:42

Tgt Ion: 105 Resp: 1891

Ion Ratio Lower Upper

105 100

120 45.7 24.1 72.4

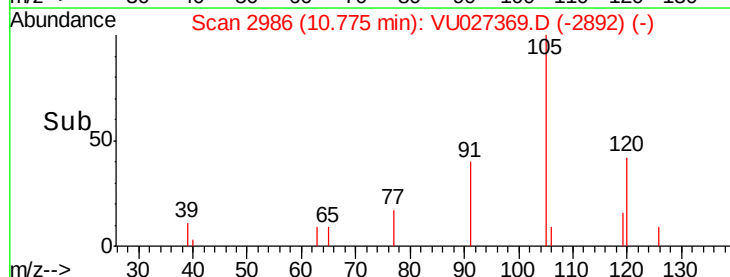


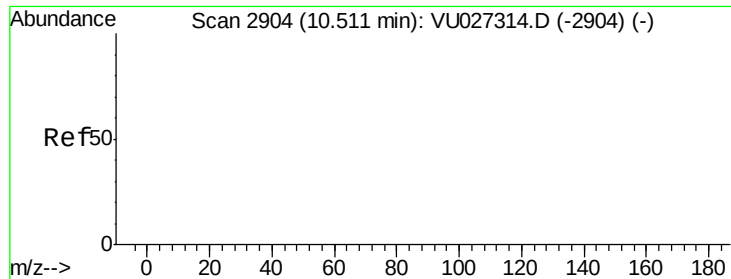
Abundance Ion 105.00 (104.70 to 105.70): VU027369.D (-2892) (-)

Ion 120.00 (119.70 to 120.70): VU027369.D (-2892) (-)

10.77

Time-->

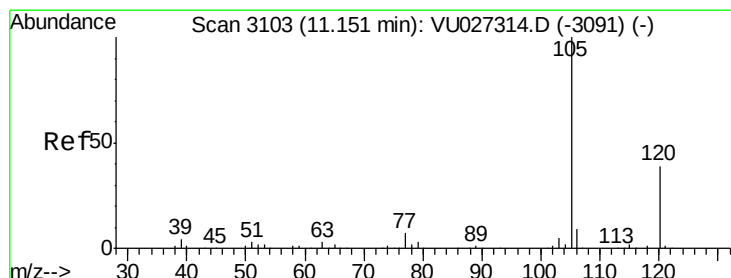
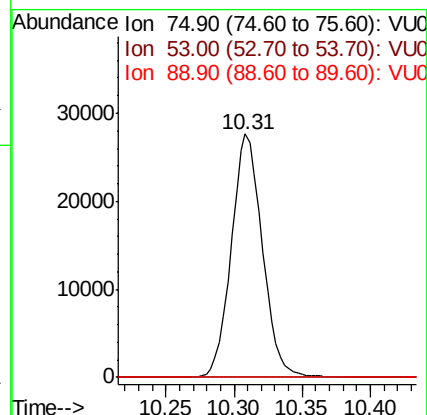
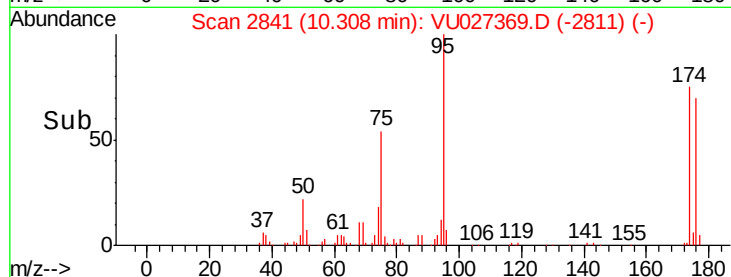
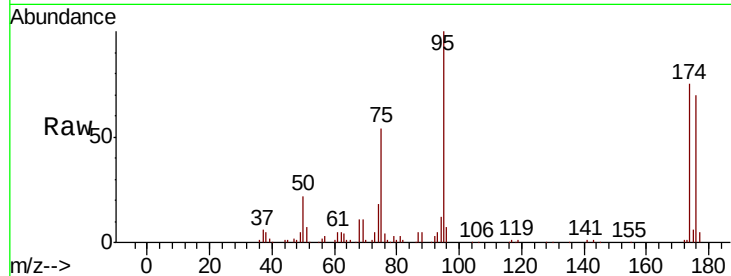




#81
trans-1,4-Dichloro-2-butene
Concen: 57.445 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.20 min
Lab File: VU027369.D
Acq: 03 Oct 2018 20:42

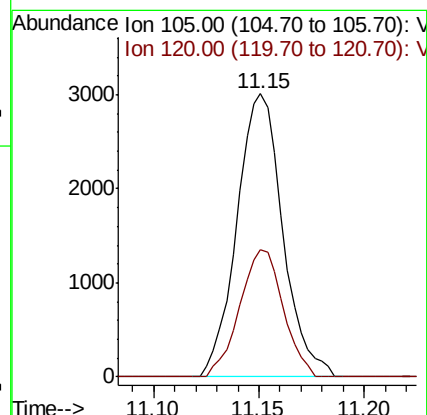
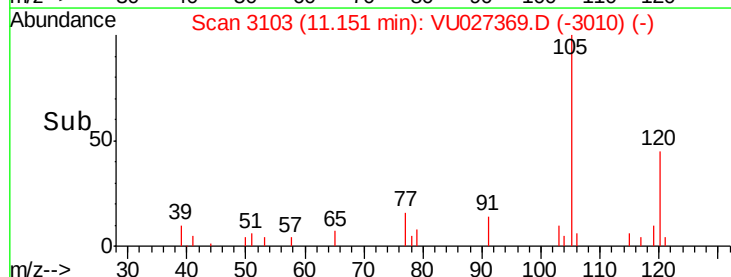
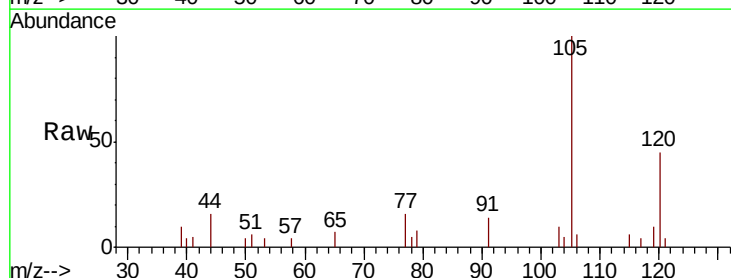
Instrument :
MSVOA_U
ClientSampleId :
QNWP8-MW30D-GWDL

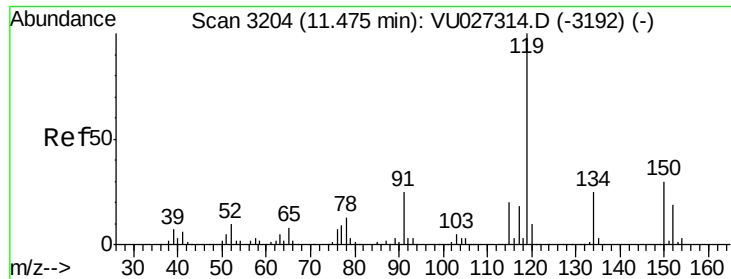
Tgt Ion: 75 Resp: 43584
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#84
1,2,4-Trimethylbenzene
Concen: 0.983 ug/l
RT: 11.15 min Scan# 3103
Delta R.T. 0.00 min
Lab File: VU027369.D
Acq: 03 Oct 2018 20:42

Tgt Ion: 105 Resp: 4549
Ion Ratio Lower Upper
105 100
120 42.4 22.1 66.5

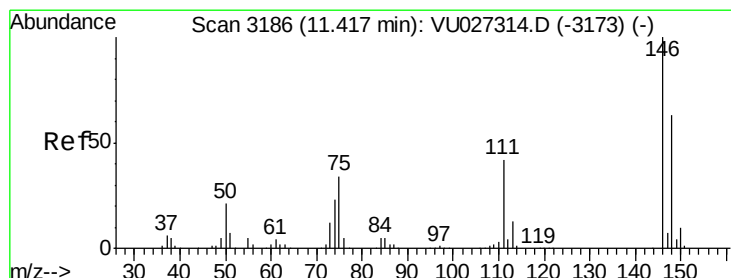
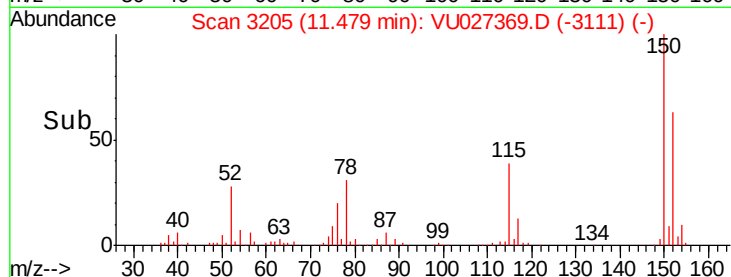
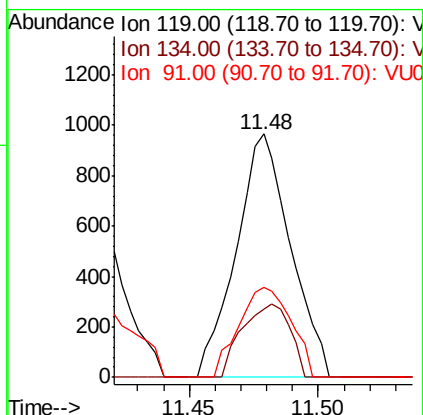
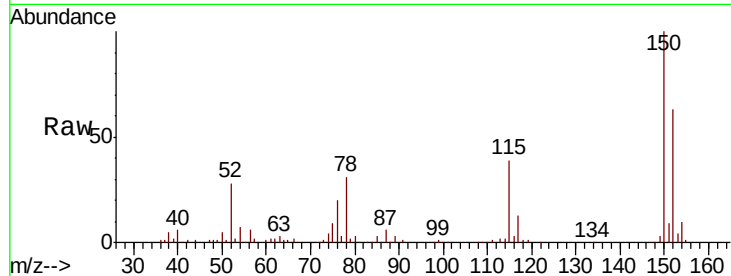




#86
p-Isopropyltoluene
Concen: 0.300 ug/l
RT: 11.48 min Scan# 3205
Delta R.T. 0.00 min
Lab File: VU027369.D
Acq: 03 Oct 2018 20:42

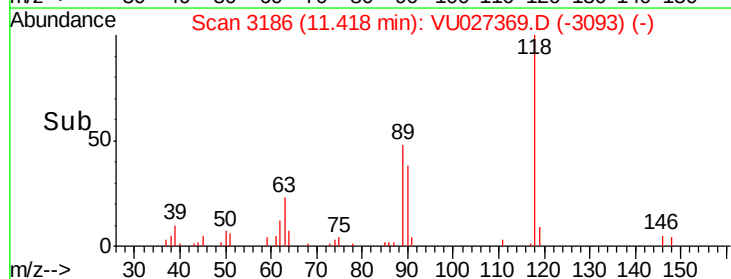
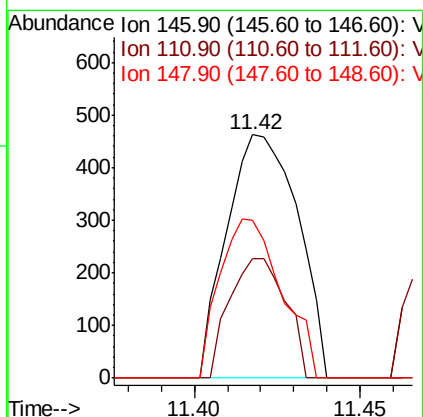
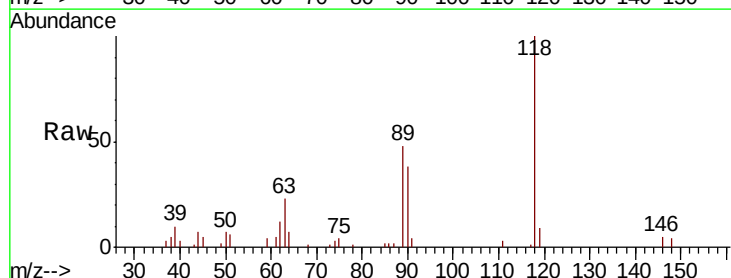
Instrument :
MSVOA_U
ClientSampleId :
QNWP8-MW30D-GWDL

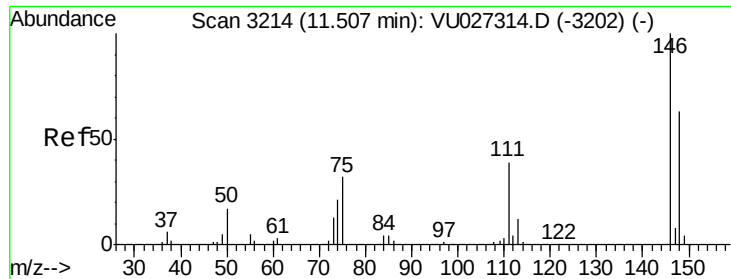
Tgt Ion:119 Resp: 1418
Ion Ratio Lower Upper
119 100
134 26.5 12.7 38.1
91 35.6 12.2 36.4



#87
1,3-Dichlorobenzene
Concen: 0.281 ug/l
RT: 11.42 min Scan# 3186
Delta R.T. 0.00 min
Lab File: VU027369.D
Acq: 03 Oct 2018 20:42

Tgt Ion:146 Resp: 689
Ion Ratio Lower Upper
146 100
111 38.8 20.8 62.5
148 56.9 31.6 94.8

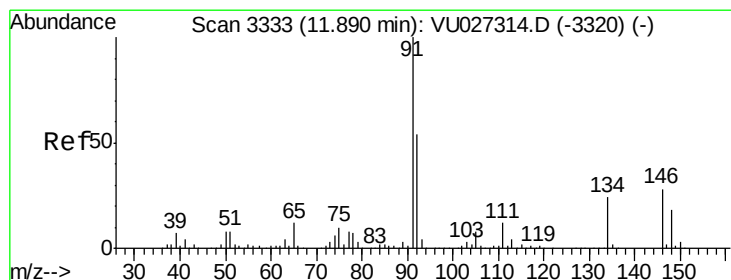
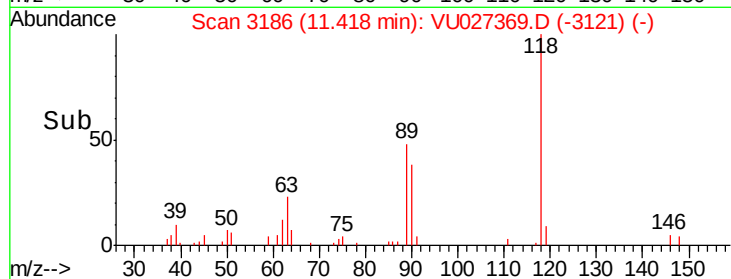
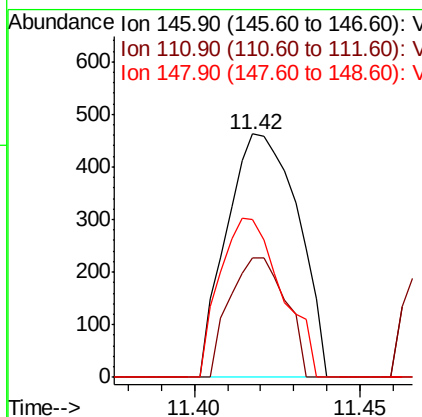
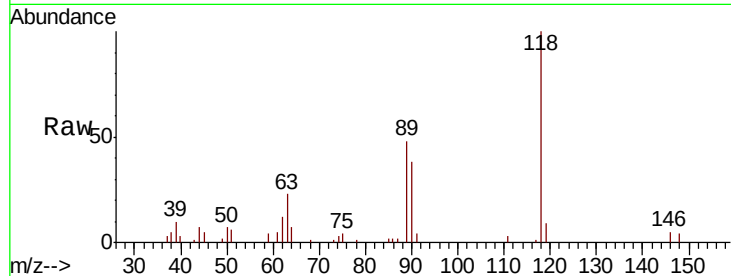




#88
 1,4-Dichlorobenzene
 Concen: 0.275 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. -0.09 min
 Lab File: VU027369.D
 Acq: 03 Oct 2018 20:42

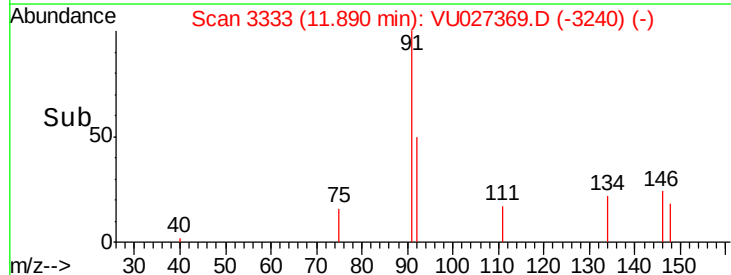
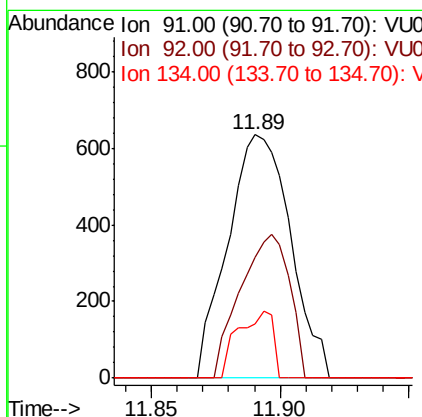
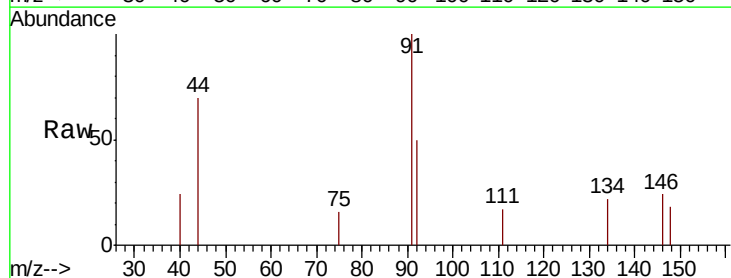
Instrument :
 MSVOA_U
 ClientSampleId :
 QNWP8-MW30D-GWDL

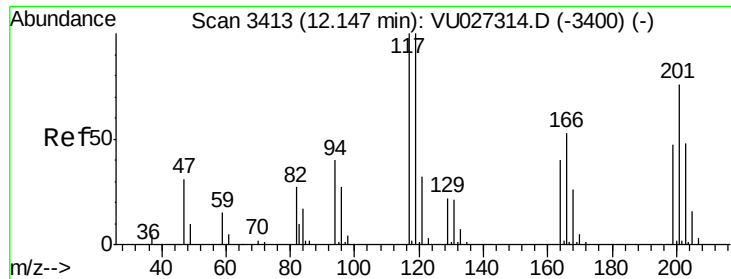
Tgt Ion: 146 Resp: 689
 Ion Ratio Lower Upper
 146 100
 111 38.8 20.4 61.2
 148 56.9 31.9 95.5



#89
 n-Butylbenzene
 Concen: 2.156 ug/l
 RT: 11.89 min Scan# 3333
 Delta R.T. 0.00 min
 Lab File: VU027369.D
 Acq: 03 Oct 2018 20:42

Tgt Ion: 91 Resp: 1077
 Ion Ratio Lower Upper
 91 100
 92 46.7 27.0 81.0
 134 15.4 11.7 35.1





#90

Hexachloroethane

Concen: 1.374 ug/l

RT: 11.98 min Scan# 3361

Delta R.T. -0.17 min

Lab File: VU027369.D

Acq: 03 Oct 2018 20:42

Instrument :

MSVOA_U

ClientSampleId :

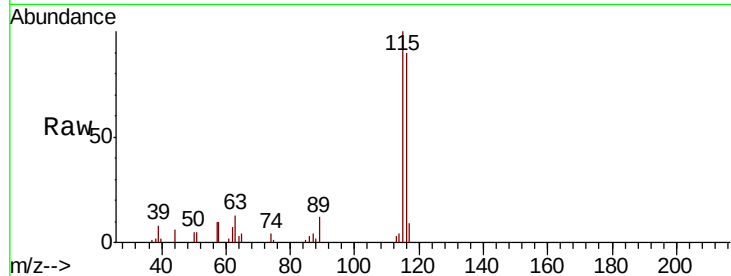
QNWP8-MW30D-GWDL

Tgt Ion:117 Resp: 1223

Ion Ratio Lower Upper

117 100

201 0.0 37.9 113.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

11.98

800

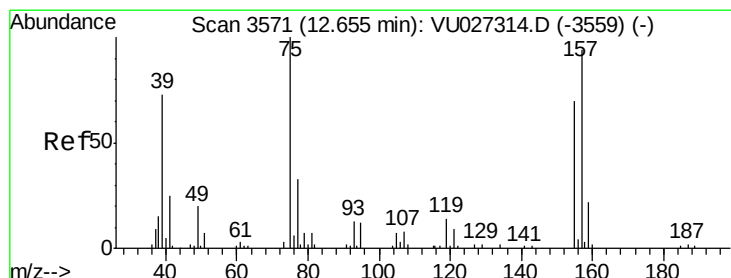
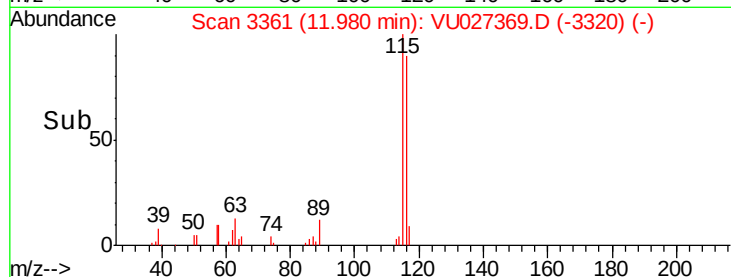
600

400

200

0

Time--> 11.95 12.00



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.200 ug/l

RT: 12.70 min Scan# 3584

Delta R.T. 0.04 min

Lab File: VU027369.D

Acq: 03 Oct 2018 20:42

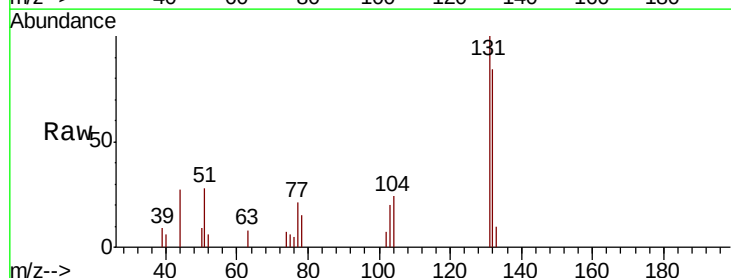
Tgt Ion: 75 Resp: 97

Ion Ratio Lower Upper

75 100

155 0.0 35.9 107.8#

157 0.0 46.9 140.6#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

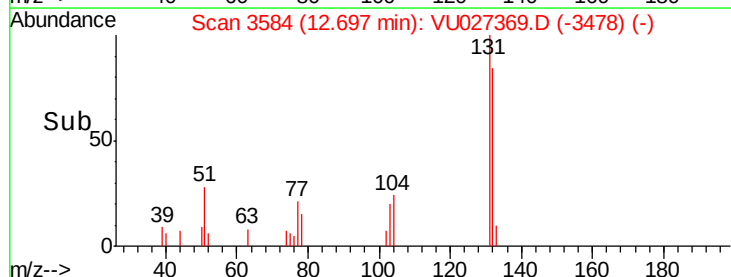
150

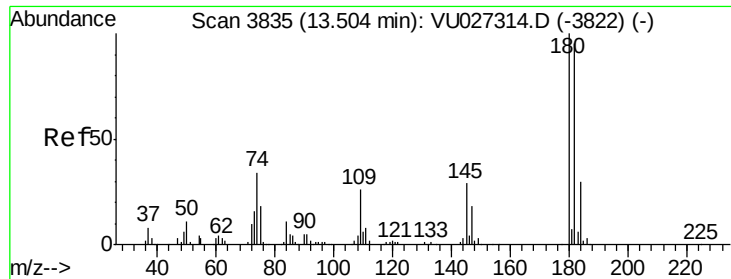
100

50

0

Time--> 12.68 12.70

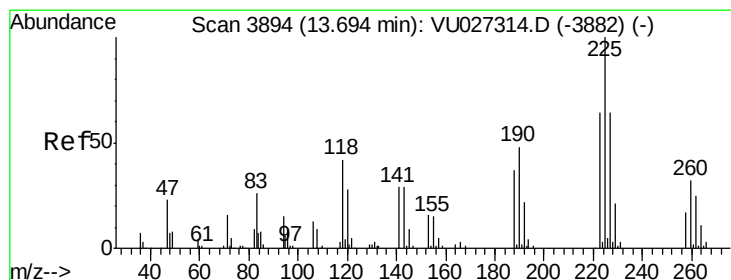
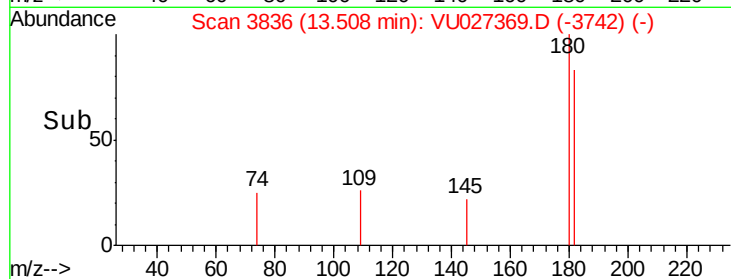
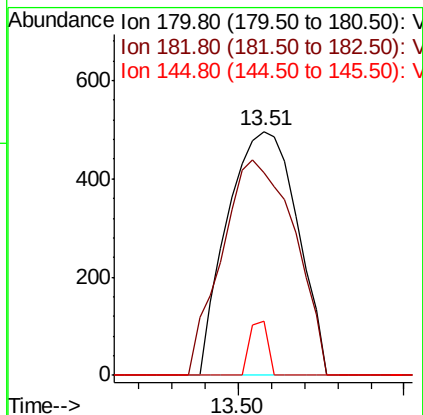
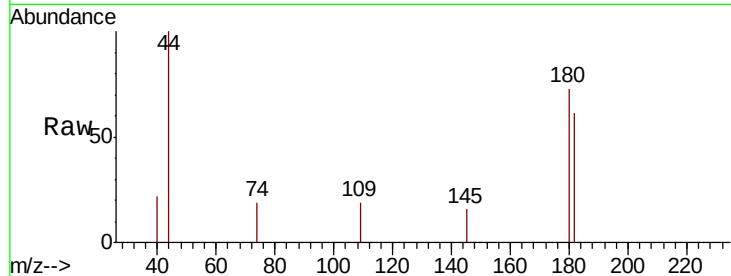




#93
 1,2,4-Trichlorobenzene
 Concen: 0.471 ug/l
 RT: 13.51 min Scan# 3836
 Delta R.T. 0.00 min
 Lab File: VU027369.D
 Acq: 03 Oct 2018 20:42

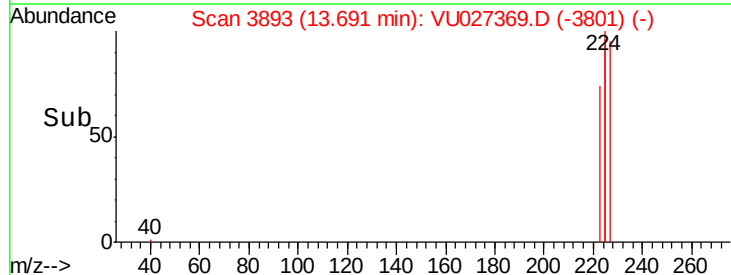
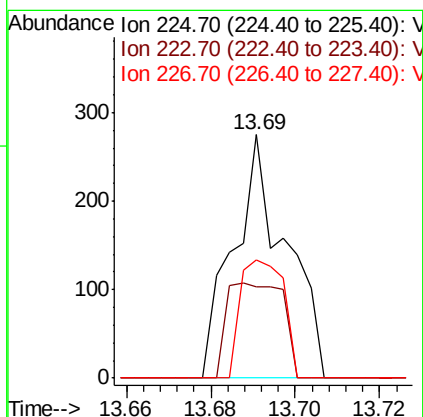
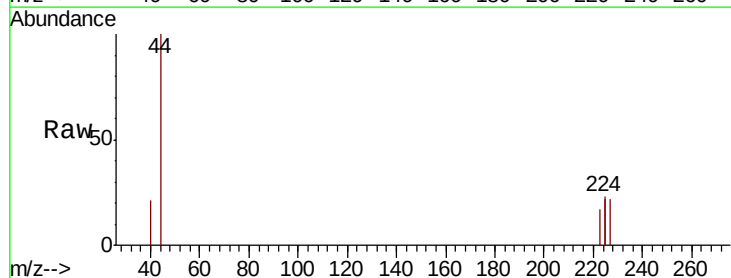
Instrument :
 MSVOA_U
 ClientSampleId :
 QNWP8-MW30D-GWDL

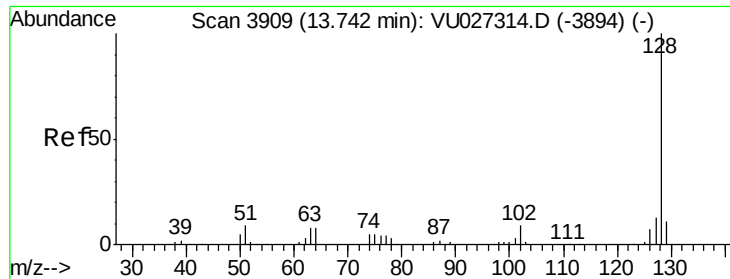
Tgt Ion:180 Resp: 727
 Ion Ratio Lower Upper
 180 100
 182 92.0 47.4 142.3
 145 5.6 14.6 44.0#



#94
 Hexachlorobutadiene
 Concen: 0.305 ug/l
 RT: 13.69 min Scan# 3893
 Delta R.T. -0.00 min
 Lab File: VU027369.D
 Acq: 03 Oct 2018 20:42

Tgt Ion:225 Resp: 238
 Ion Ratio Lower Upper
 225 100
 223 42.0 31.8 95.3
 227 39.9 31.9 95.7





#95

Naphthalene

Concen: 26.376 ug/l

RT: 13.75 min Scan# 3910

Delta R.T. 0.00 min

Lab File: VU027369.D

Acq: 03 Oct 2018 20:42

Instrument :

MSVOA_U

ClientSampleId :

QNWP8-MW30D-GWDL

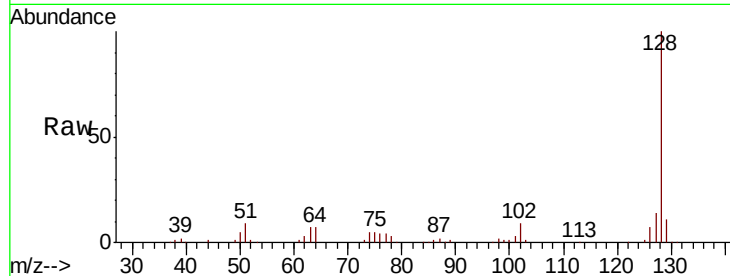
Tgt Ion:128 Resp: 148046

Ion Ratio Lower Upper

128 100

127 13.4 10.5 15.7

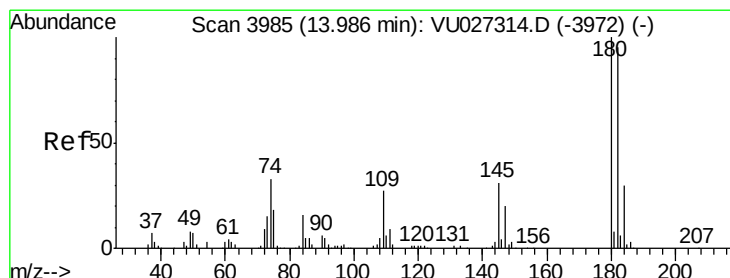
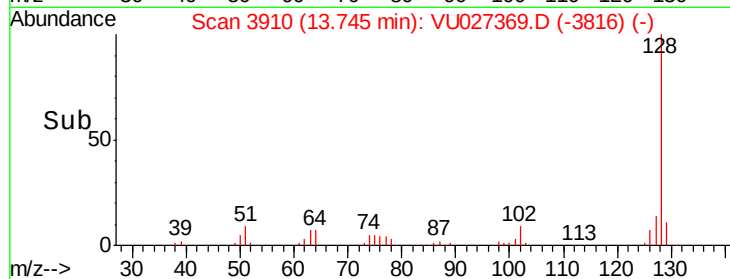
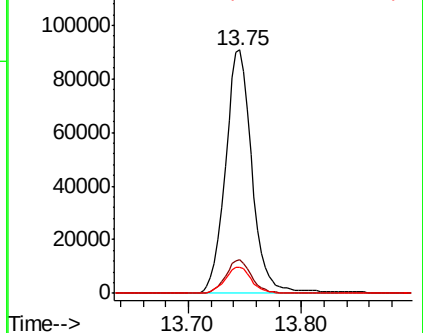
129 10.8 8.6 12.8



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: 0.374 ug/l

RT: 13.98 min Scan# 3984

Delta R.T. -0.00 min

Lab File: VU027369.D

Acq: 03 Oct 2018 20:42

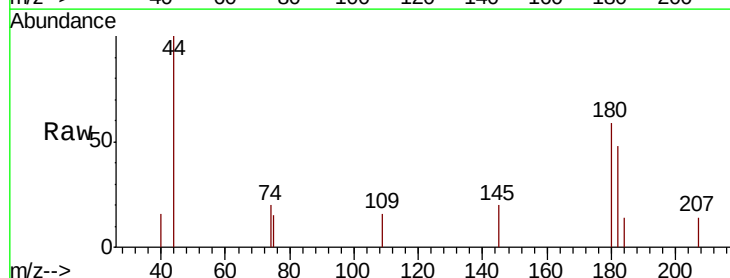
Tgt Ion:180 Resp: 601

Ion Ratio Lower Upper

180 100

182 99.0 47.4 142.2

145 29.0 15.9 47.7



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

