

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092818\
 Data File : VU027230.D
 Acq On : 27 Sep 2018 17:30
 Operator : MD/SY
 Sample : VU0928WBL01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0928WBL01

Quant Time: Sep 28 03:39:11 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

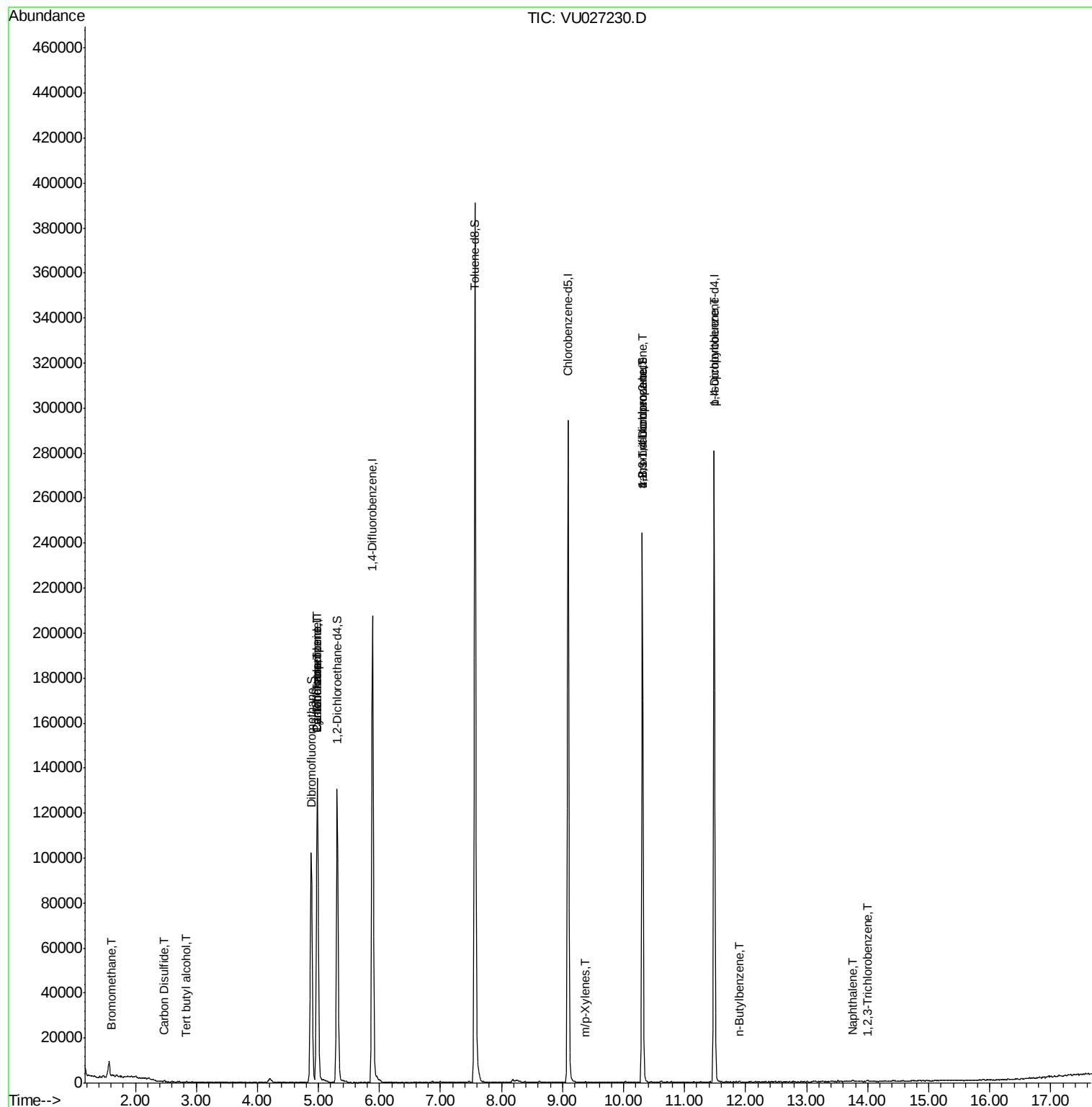
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	94100	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	159217	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	151045	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	67552	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	99854	52.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.44%	
35) Dibromofluoromethane	4.88	113	69975	50.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.40%	
50) Toluene-d8	7.57	98	253638	48.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.44%	
62) 4-Bromofluorobenzene	10.31	95	78588	43.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.10%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.62	94	308	0.274	ug/l	97
11) Tert butyl alcohol	2.83	59	135	0.311	ug/l #	72
16) Acetone	2.33	43	584	Below Cal	#	44
17) Carbon Disulfide	2.48	76	850	0.201	ug/l #	75
31) Cyclohexane	4.98	56	2570	0.339	ug/l #	1
36) 1,1-Dichloropropene	4.98	75	9203	4.331	ug/l #	49
38) Carbon Tetrachloride	4.98	117	9853	4.873	ug/l #	18
68) m/p-Xylenes	9.38	106	20	1.508	ug/l #	1
76) 1,2,3-Trichloropropane	10.31	75	42232	20.579	ug/l #	36
81) trans-1,4-Dichloro-2-buten	10.31	75	42232	65.856	ug/l #	100
86) p-Isopropyltoluene	11.48	119	176	0.963	ug/l #	1
89) n-Butylbenzene	11.90	91	269	2.447	ug/l #	40
95) Naphthalene	13.75	128	1507	1.949	ug/l #	69
96) 1,2,3-Trichlorobenzene	14.00	180	386	0.252	ug/l #	88

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

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Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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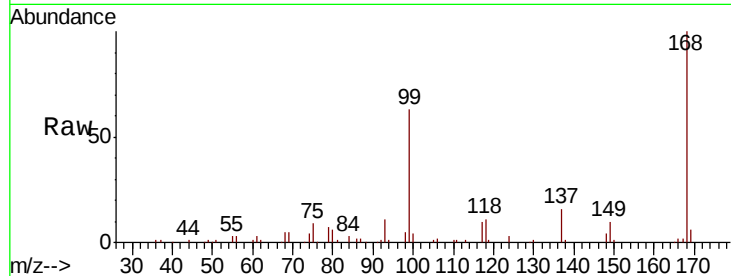




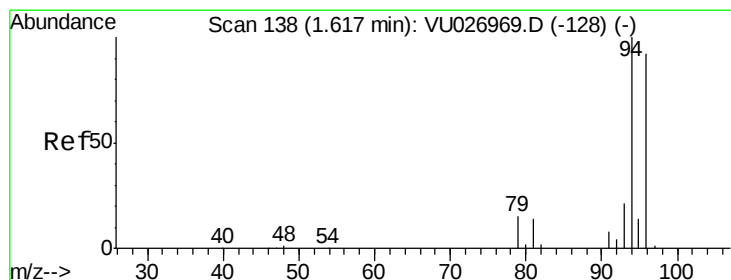
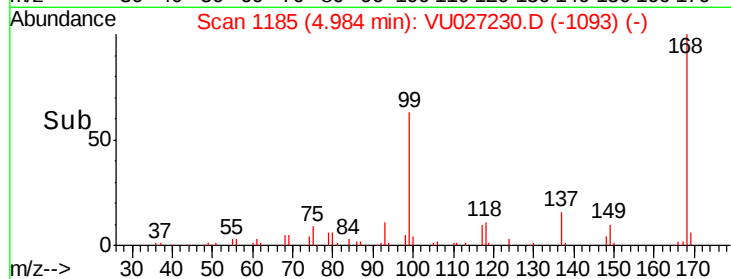
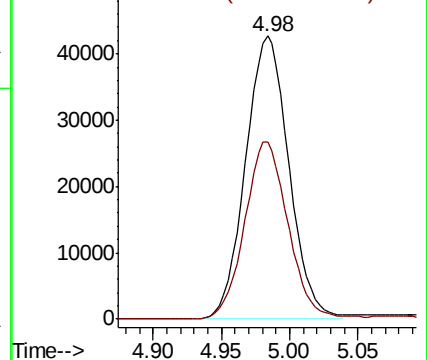
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.00 min
Lab File: VU027230.D
Acq: 27 Sep 2018 17:30

Instrument :
MSVOA_U
ClientSampleId :
VU0928WBL01

Tot Ion:168 Resp: 94100
Ion Ratio Lower Upper
168 100
99 62.5 48.1 72.1

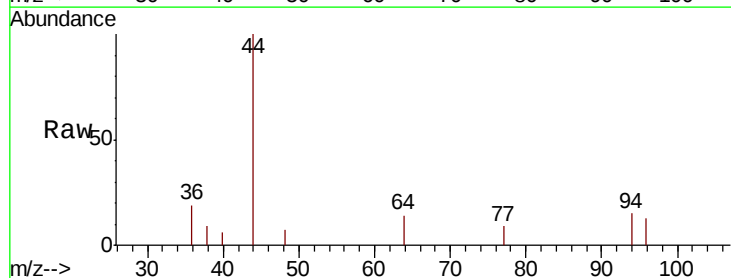


Abundance Ion 167.90 (167.60 to 168.60): VU026969.D (-1169) (-)
Ion 98.90 (98.60 to 99.60): VU027230.D (-1093) (-)

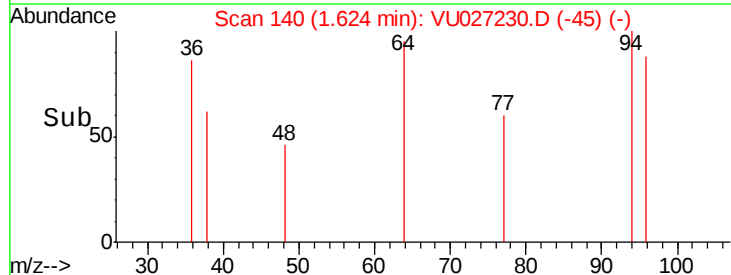
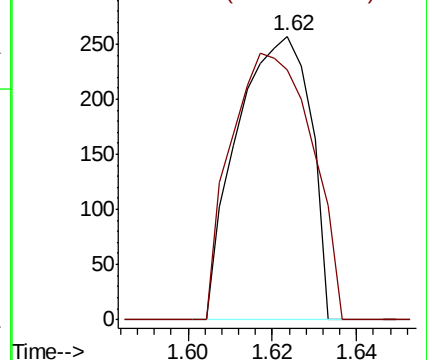


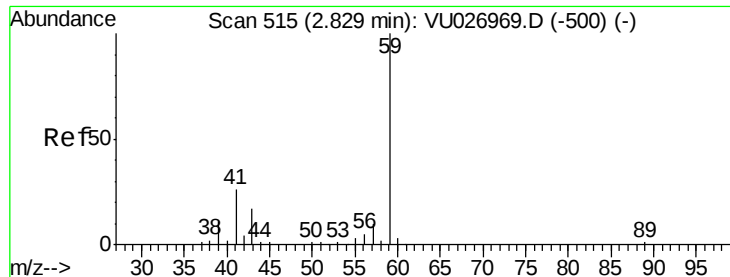
#5
Bromomethane
Concen: 0.274 ug/l
RT: 1.62 min Scan# 140
Delta R.T. 0.01 min
Lab File: VU027230.D
Acq: 27 Sep 2018 17:30

Tgt Ion: 94 Resp: 308
Ion Ratio Lower Upper
94 100
96 88.3 73.2 109.8



Abundance Ion 93.90 (93.60 to 94.60): VU026969.D (-128) (-)
Ion 95.90 (95.60 to 96.60): VU027230.D (-45) (-)

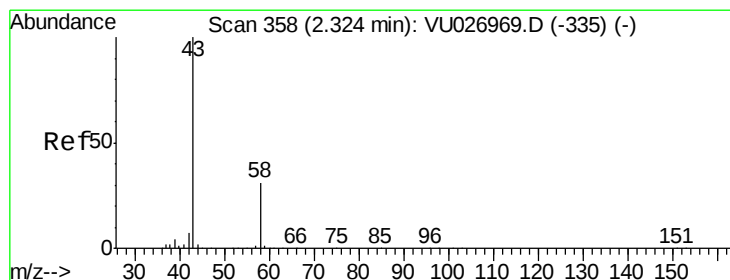
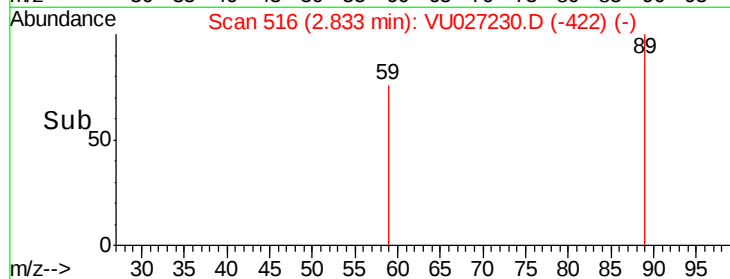
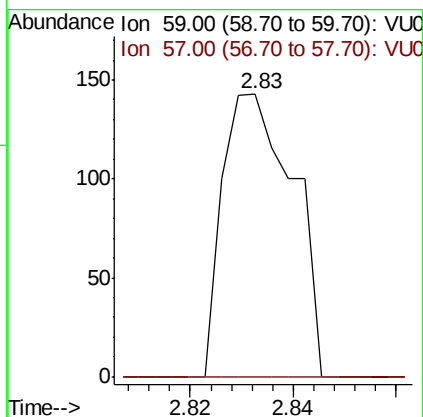
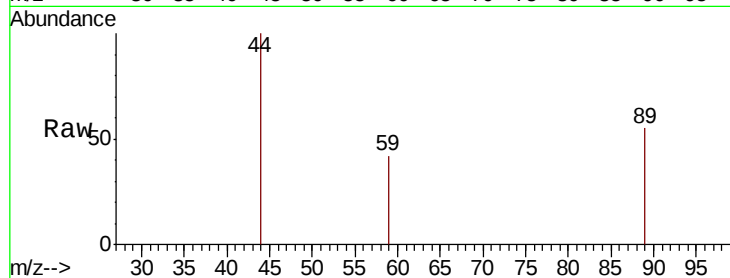




#11
Tert butyl alcohol
Concen: 0.311 ug/l
RT: 2.83 min Scan# 516
Delta R.T. 0.00 min
Lab File: VU027230.D
Acq: 27 Sep 2018 17:30

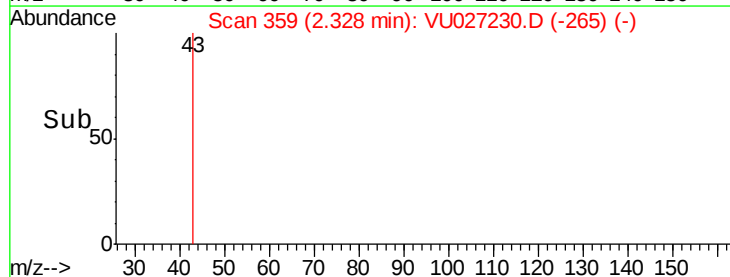
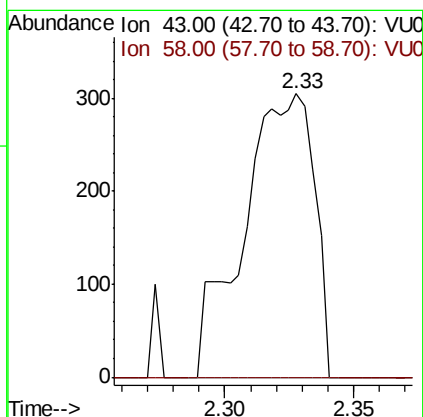
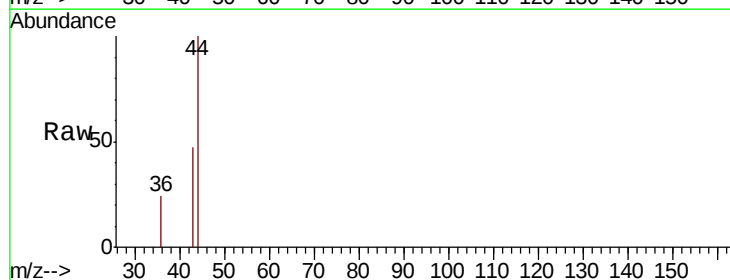
Instrument :
MSVOA_U
ClientSampleId :
VU0928WBL01

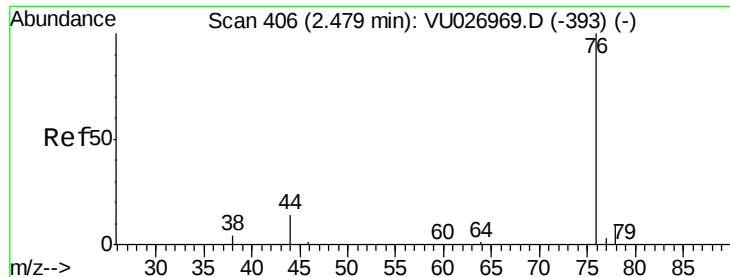
Tot Ion: 59 Resp: 135
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#16
Acetone
Concen: Below Cal
RT: 2.33 min Scan# 359
Delta R.T. 0.00 min
Lab File: VU027230.D
Acq: 27 Sep 2018 17:30

Tgt Ion: 43 Resp: 584
Ion Ratio Lower Upper
43 100
58 0.0 24.6 36.8#





#17

Carbon Disulfide

Concen: 0.201 ug/l

RT: 2.48 min Scan# 405

Delta R.T. -0.00 min

Lab File: VU027230.D

Acq: 27 Sep 2018 17:30

Instrument :

MSVOA_U

ClientSampleId :

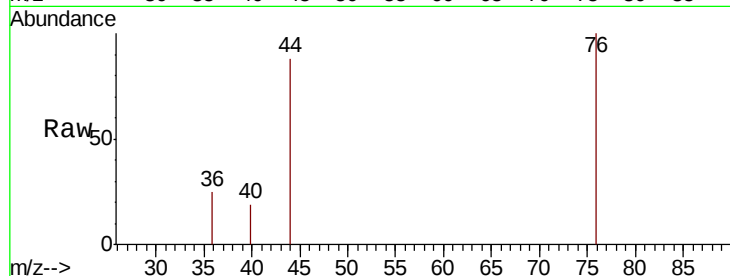
VU0928WBL01

Tot Ion: 76 Resp: 850

Ion Ratio Lower Upper

76 100

78 0.0 7.1 10.7#



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0

2.48

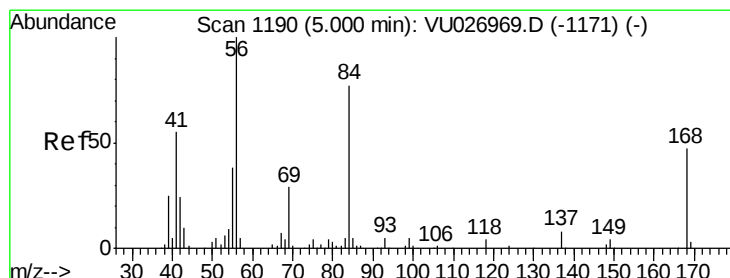
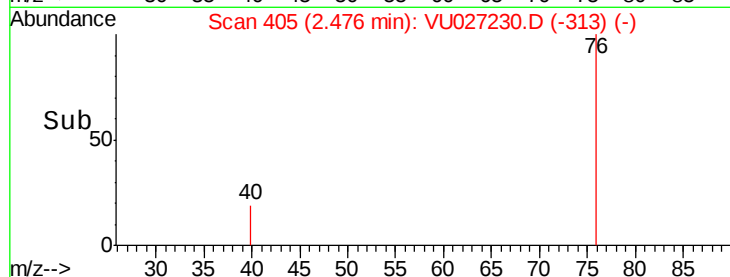
600

400

200

0

Time-->



#31

Cyclohexane

Concen: 0.339 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. -0.02 min

Lab File: VU027230.D

Acq: 27 Sep 2018 17:30

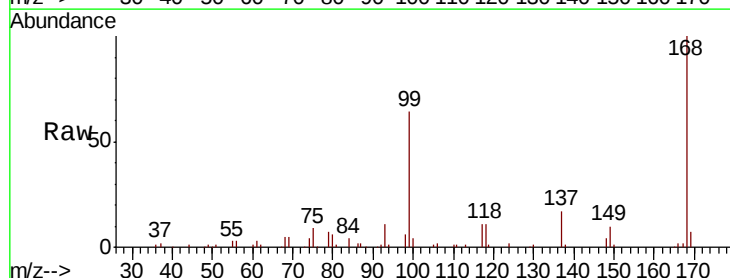
Tgt Ion: 56 Resp: 2570

Ion Ratio Lower Upper

56 100

69 171.0 23.0 34.4#

84 122.1 61.4 92.2#



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

2500

2000

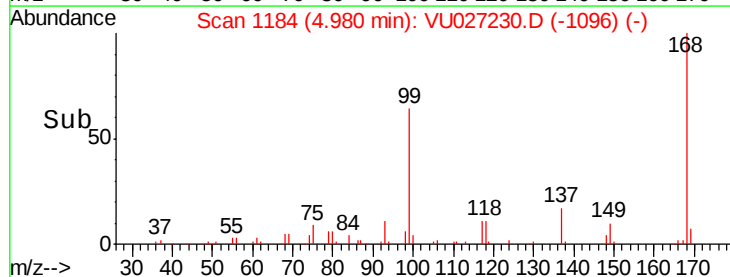
1500

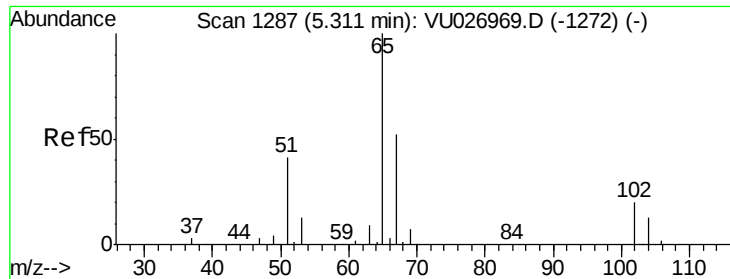
1000

500

0

Time-->

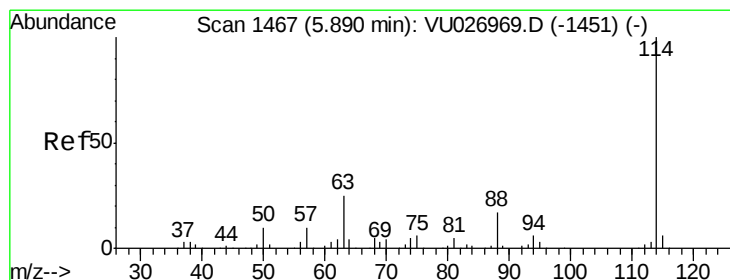
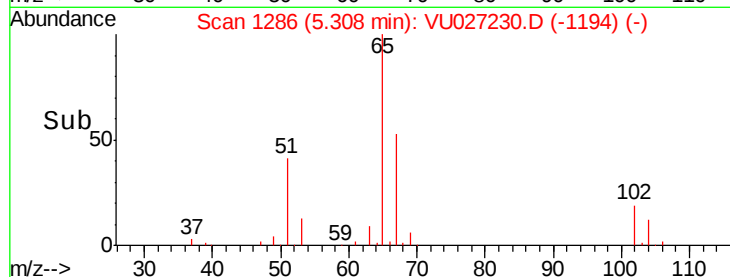
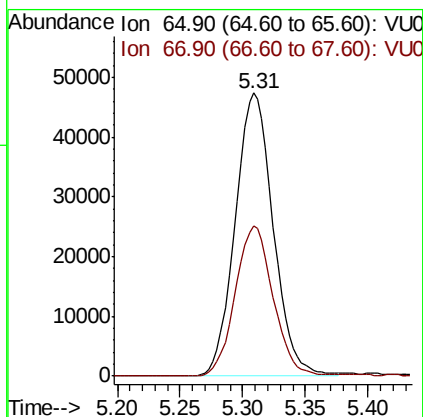
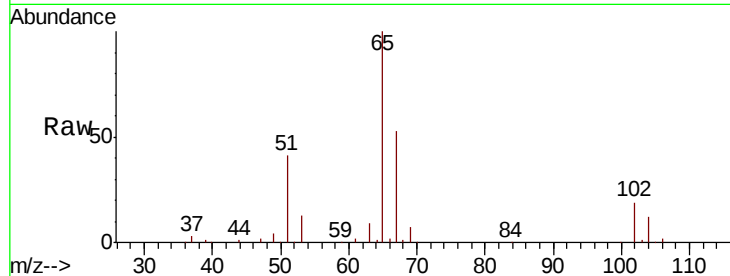




#33
 1,2-Dichloroethane-d4
 Concen: 52.723 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: VU027230.D
 Acq: 27 Sep 2018 17:30

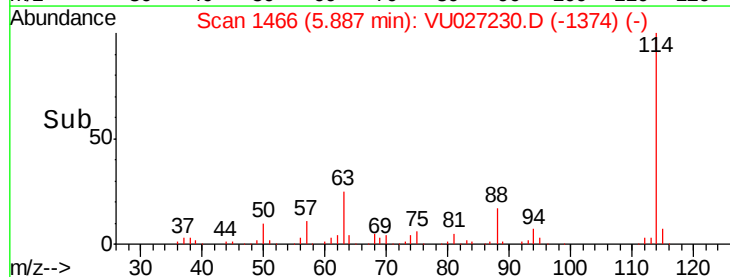
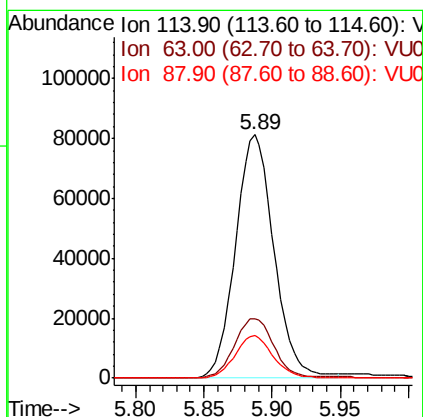
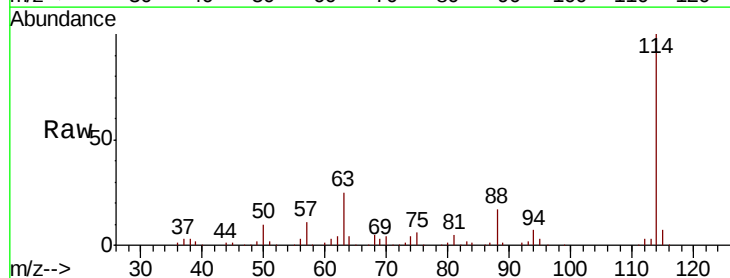
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0928WBL01

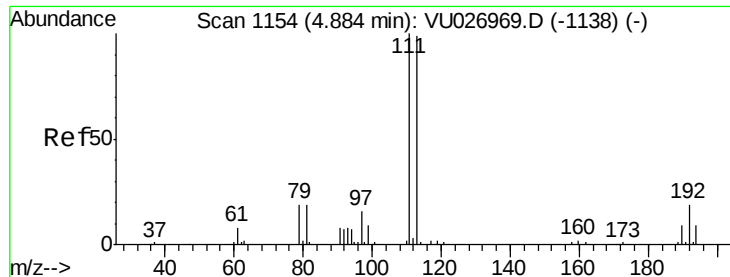
Tot Ion: 65 Resp: 99854
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VU027230.D
 Acq: 27 Sep 2018 17:30

Tgt Ion: 114 Resp: 159217
 Ion Ratio Lower Upper
 114 100
 63 24.6 0.0 49.2
 88 17.4 0.0 33.8

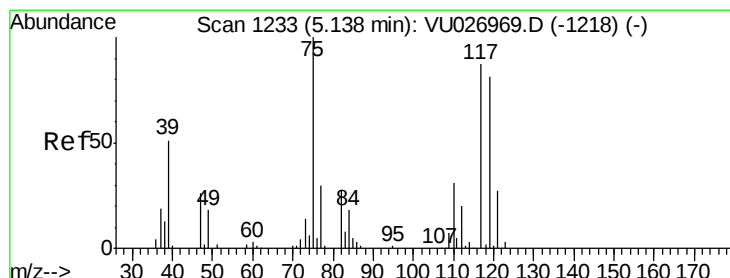
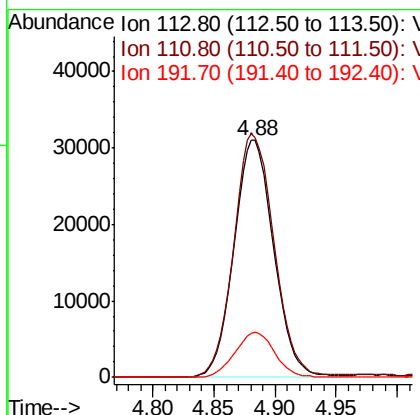
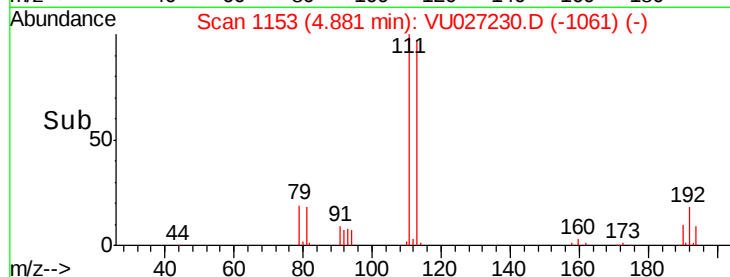
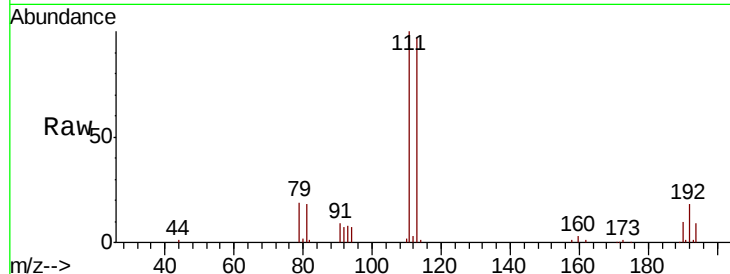




#35
 Dibromofluoromethane
 Concen: 50.703 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU027230.D
 Acq: 27 Sep 2018 17:30

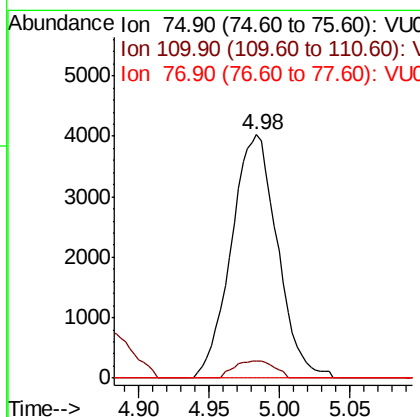
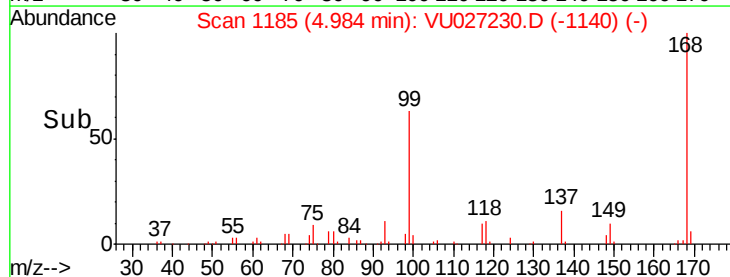
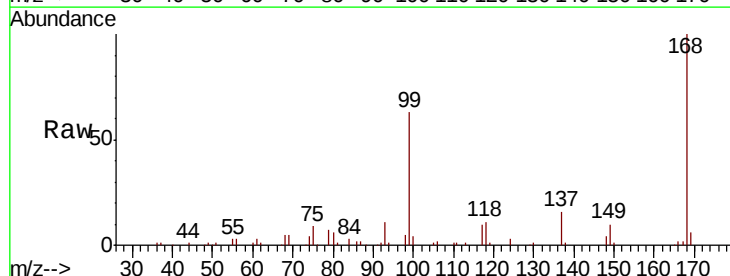
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0928WBL01

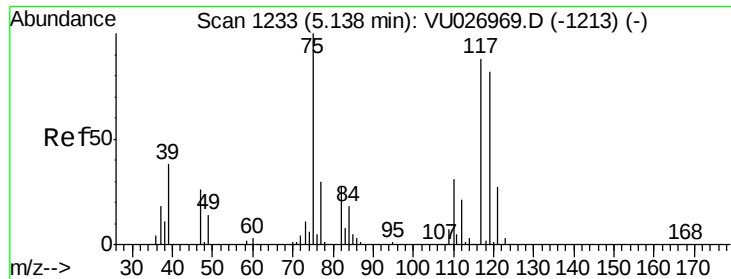
Tot Ion:113 Resp: 69975
 Ion Ratio Lower Upper
 113 100
 111 104.2 82.2 123.4
 192 19.0 15.2 22.8



#36
 1,1-Dichloropropene
 Concen: 4.331 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU027230.D
 Acq: 27 Sep 2018 17:30

Tgt Ion: 75 Resp: 9203
 Ion Ratio Lower Upper
 75 100
 110 6.2 16.1 48.2#
 77 0.0 24.6 36.8#





#38

Carbon Tetrachloride

Concen: 4.873 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. -0.16 min

Lab File: VU027230.D

Acq: 27 Sep 2018 17:30

Instrument :

MSVOA_U

ClientSampleId :

VU0928WBL01

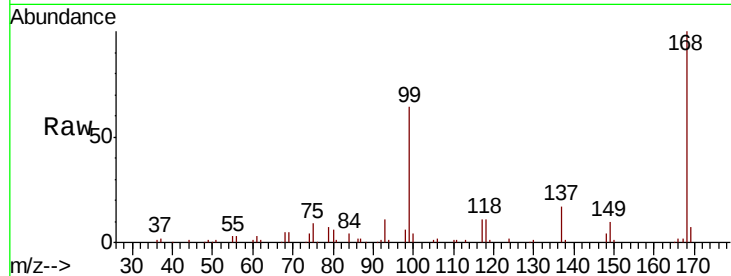
Tot Ion:117 Resp: 9853

Ion Ratio Lower Upper

117 100

119 6.3 74.4 111.6#

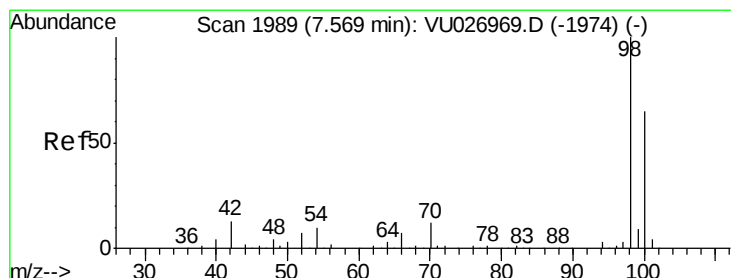
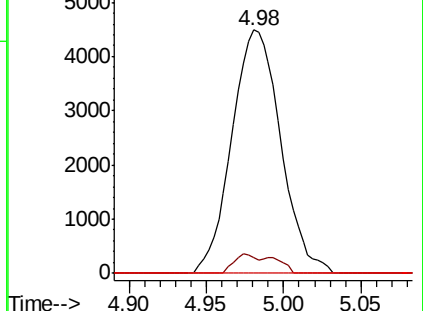
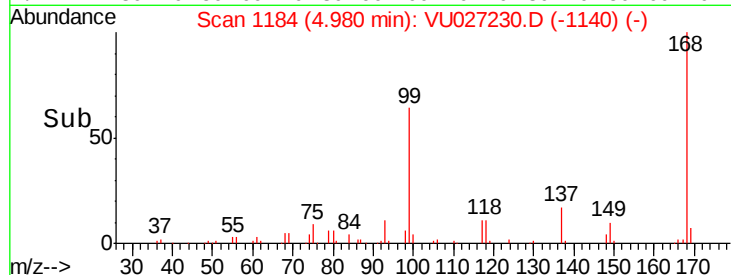
121 0.0 24.2 36.4#



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



#50

Toluene-d8

Concen: 48.224 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU027230.D

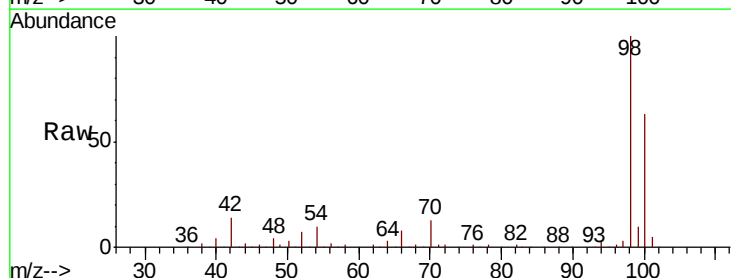
Acq: 27 Sep 2018 17:30

Tgt Ion: 98 Resp: 253638

Ion Ratio Lower Upper

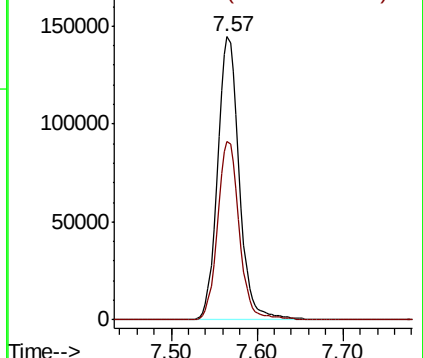
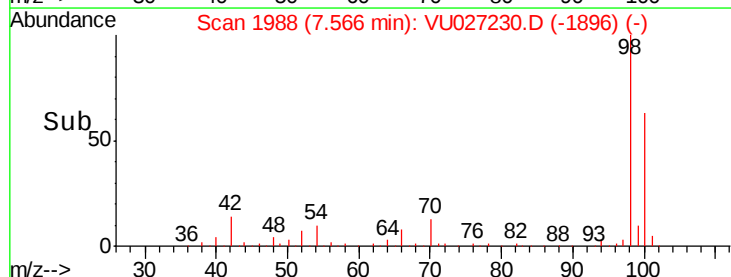
98 100

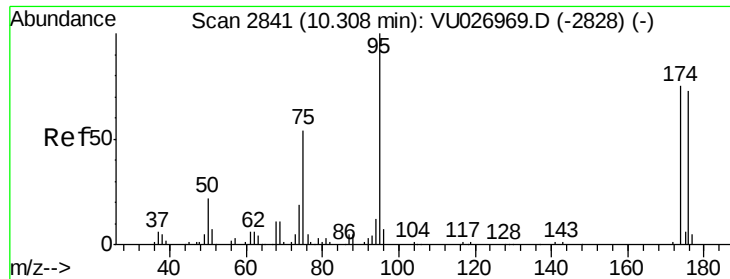
100 63.3 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU

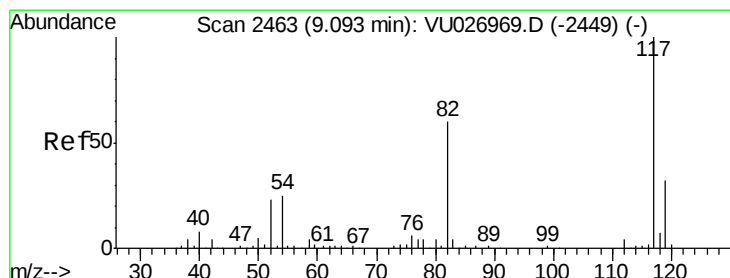
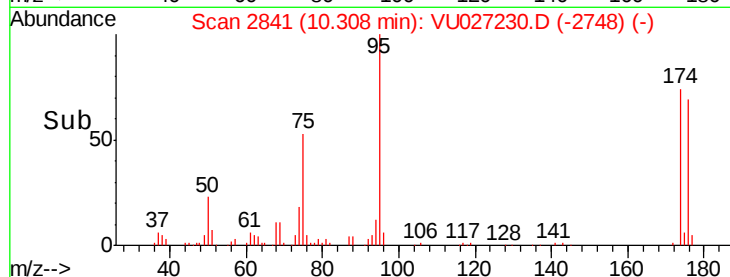
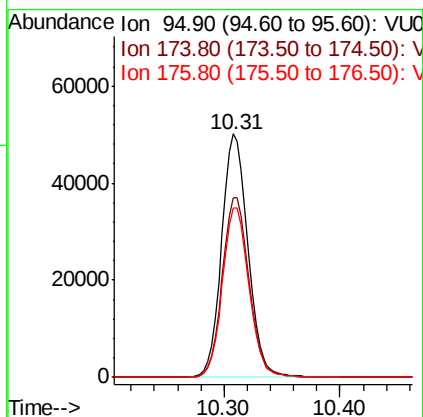
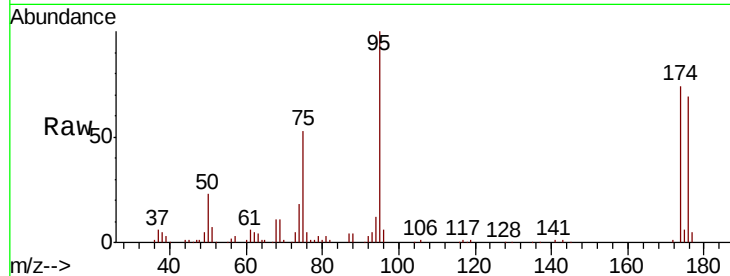




#62
4-Bromofluorobenzene
Concen: 43.545 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU027230.D
Acq: 27 Sep 2018 17:30

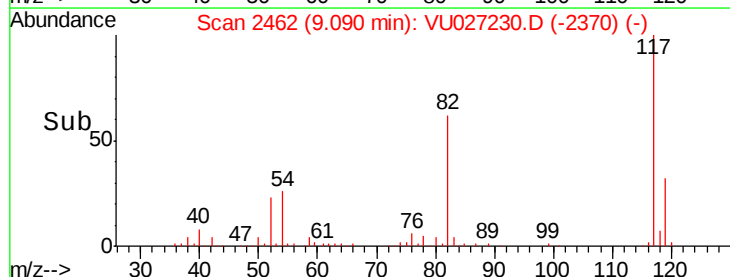
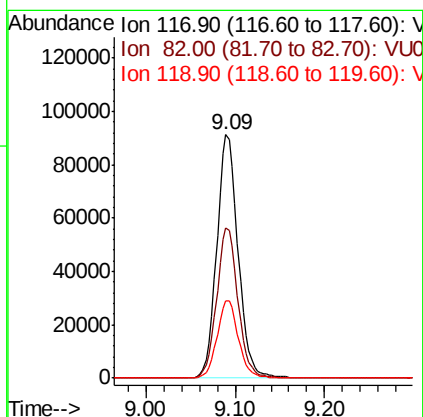
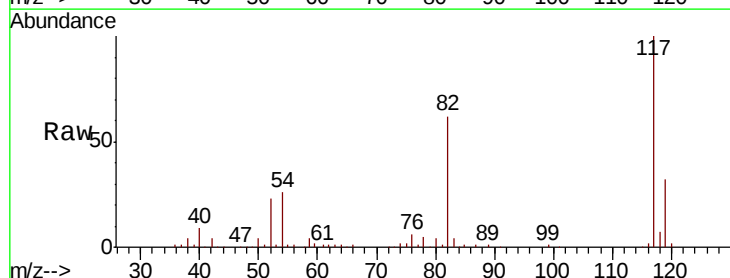
Instrument :
MSVOA_U
ClientSampleId :
VU0928WBL01

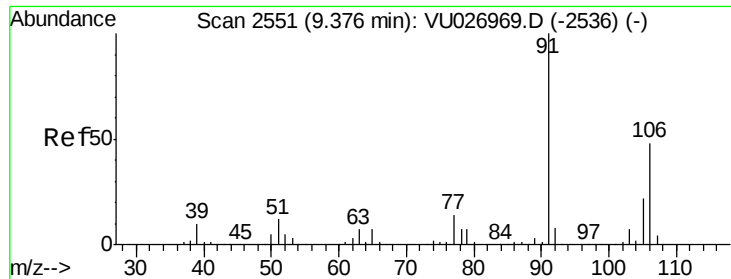
Tot Ion: 95 Resp: 78588
Ion Ratio Lower Upper
95 100
174 75.1 0.0 150.2
176 70.3 0.0 145.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027230.D
Acq: 27 Sep 2018 17:30

Tgt Ion: 117 Resp: 151045
Ion Ratio Lower Upper
117 100
82 61.7 48.0 72.0
119 31.7 25.8 38.8

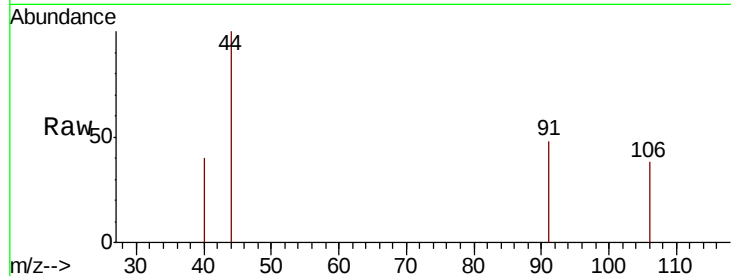




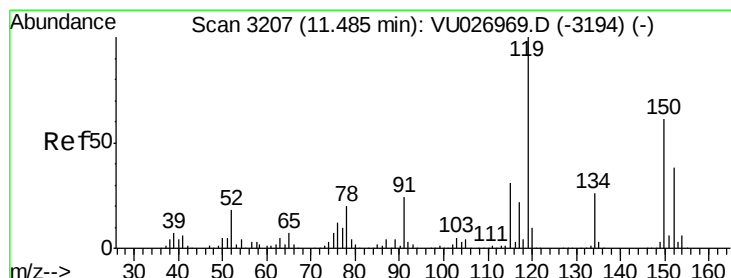
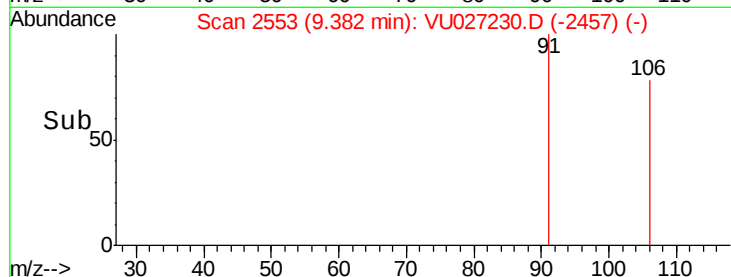
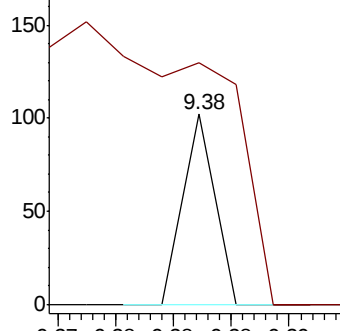
#68
m/p-Xvlenes
Concen: 1.508 ug/l
RT: 9.38 min Scan# 2553
Delta R.T. 0.01 min
Lab File: VU027230.D
Acq: 27 Sep 2018 17:30

Instrument :
MSVOA_U
ClientSampleId :
VU0928WBL01

Tot Ion:106 Resp: 20
Ion Ratio Lower Upper
106 100
91 765.0 166.5 249.7#

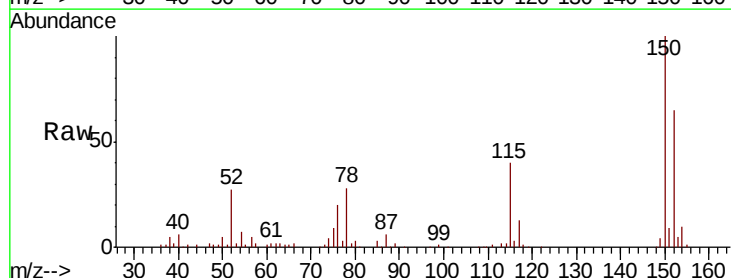


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

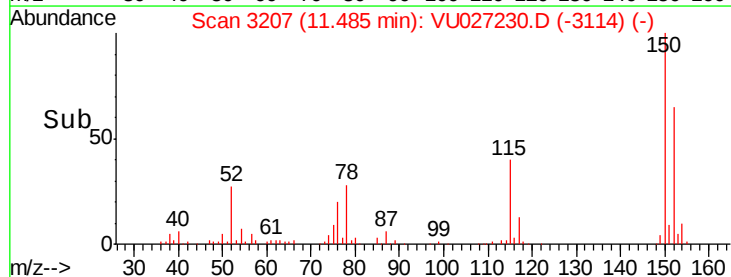
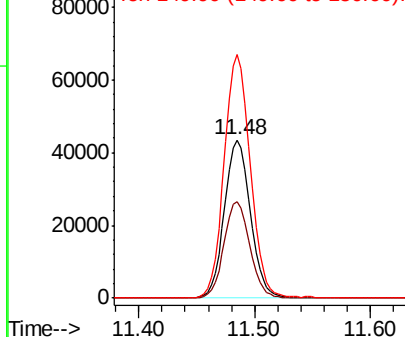


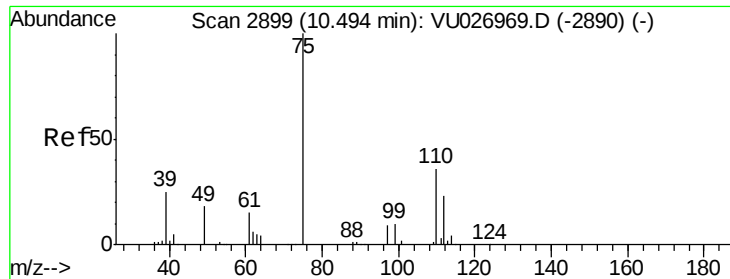
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027230.D
Acq: 27 Sep 2018 17:30

Tgt Ion:152 Resp: 67552
Ion Ratio Lower Upper
152 100
115 60.3 44.9 134.5
150 153.9 0.0 355.8



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

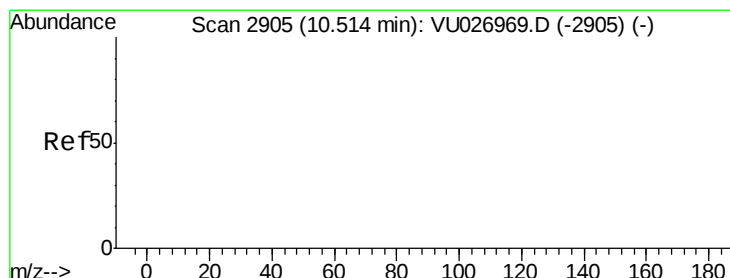
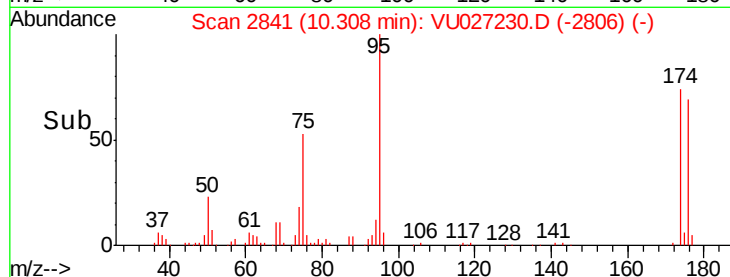
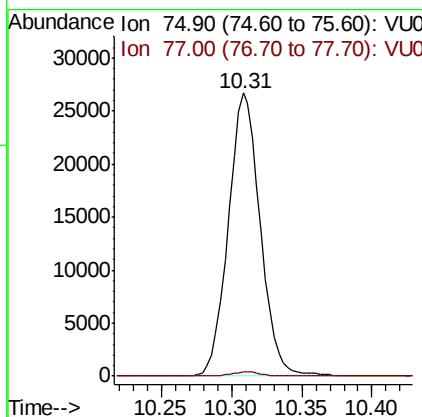
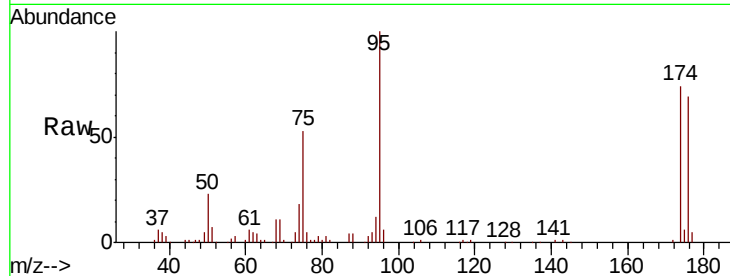




#76
 1,2,3-Trichloropropane
 Concen: 20.579 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. -0.19 min
 Lab File: VU027230.D
 Acq: 27 Sep 2018 17:30

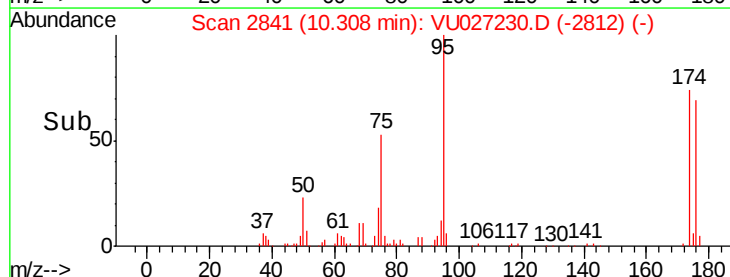
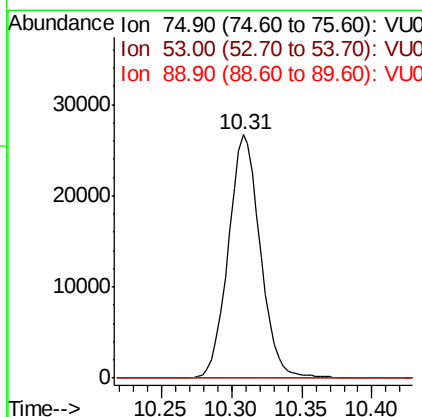
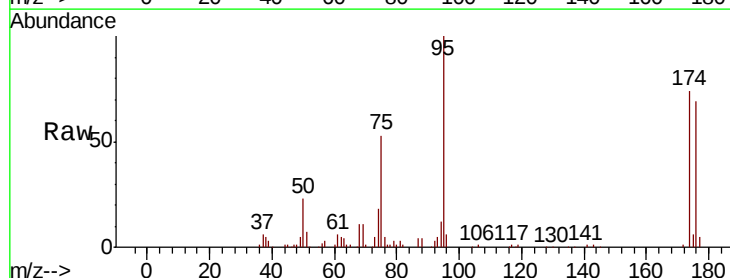
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0928WBL01

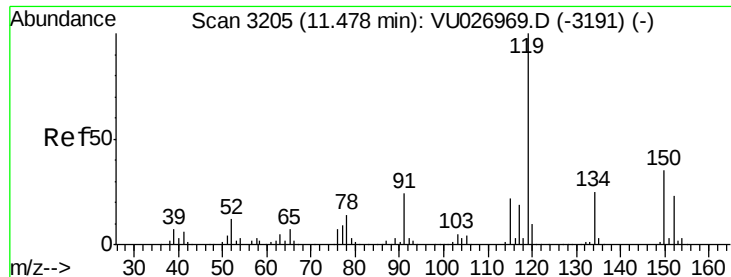
Tot Ion: 75 Resp: 42232
 Ion Ratio Lower Upper
 75 100
 77 1.2 20.9 62.8#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.856 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. -0.21 min
 Lab File: VU027230.D
 Acq: 27 Sep 2018 17:30

Tgt Ion: 75 Resp: 42232
 Ion Ratio Lower Upper
 75 100
 53 0.0 0.0 0.0
 89 0.0 0.0 0.0

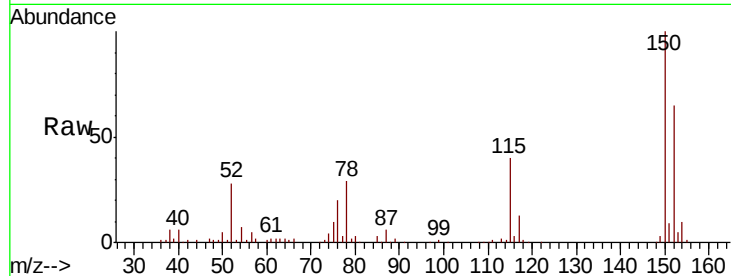




#86
p-Isopropyltoluene
Concen: 0.963 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. 0.00 min
Lab File: VU027230.D
Acq: 27 Sep 2018 17:30

Instrument :
MSVOA_U
ClientSampleId :
VU0928WBL01

Tot Ion	Ratio	Lower	Upper
119	100		
134	10.8	12.8	38.3#
91	125.6	12.3	36.8#

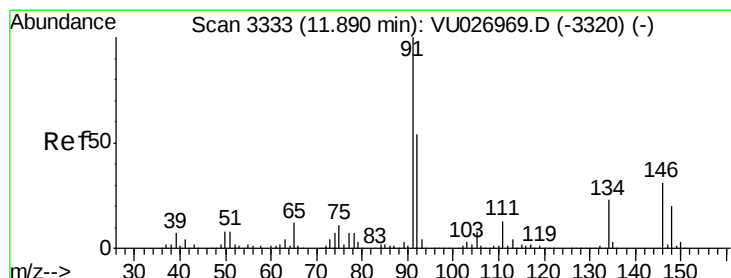
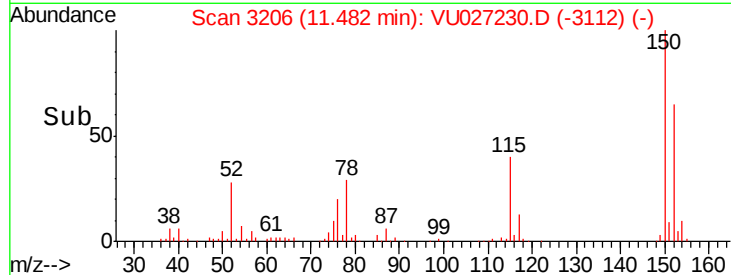
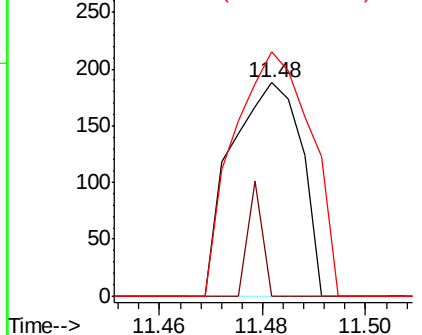


Abundance

Ion 119.00 (118.70 to 119.70): V

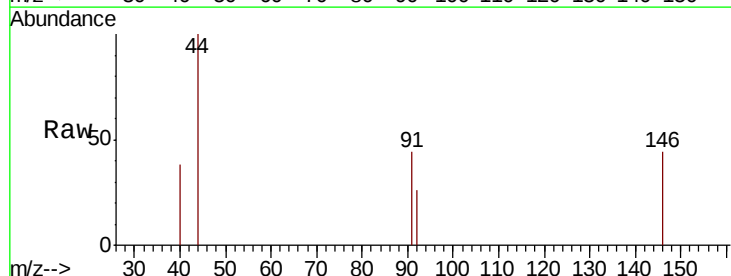
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#89
n-Butylbenzene
Concen: 2.447 ug/l
RT: 11.90 min Scan# 3335
Delta R.T. 0.01 min
Lab File: VU027230.D
Acq: 27 Sep 2018 17:30

Tgt Ion	Ratio	Lower	Upper
91	100		
92	7.1	27.1	81.2#
134	0.0	11.7	35.0#

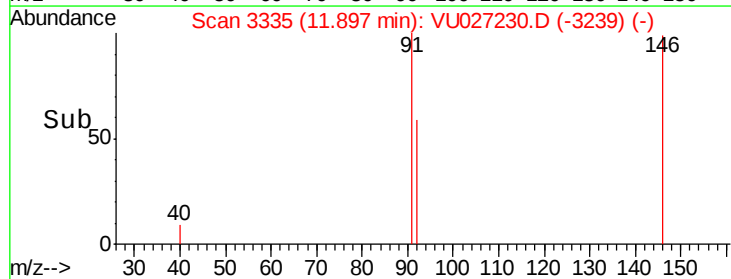
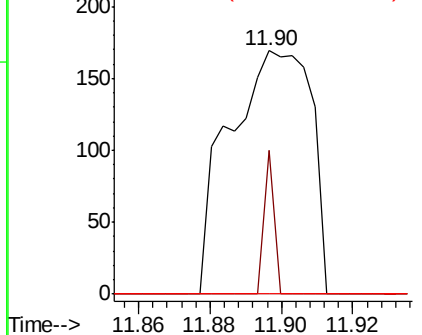


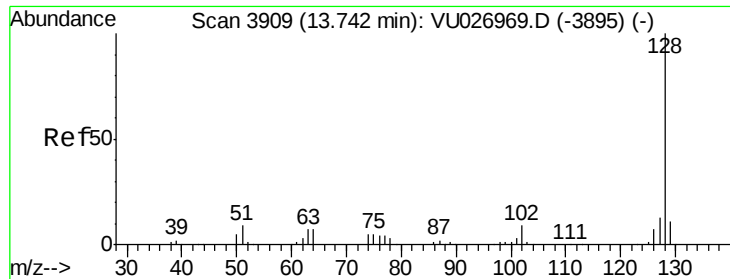
Abundance

Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.00 (133.70 to 134.70): V

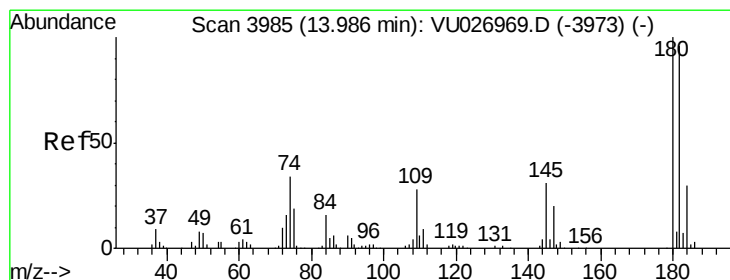
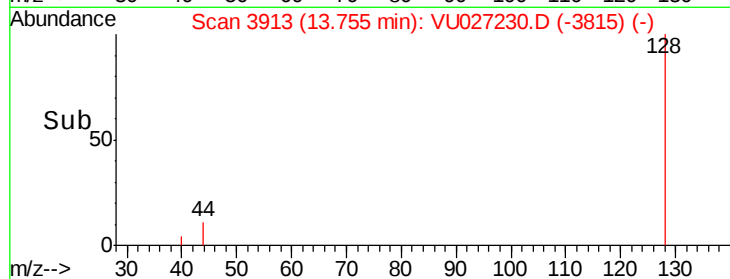
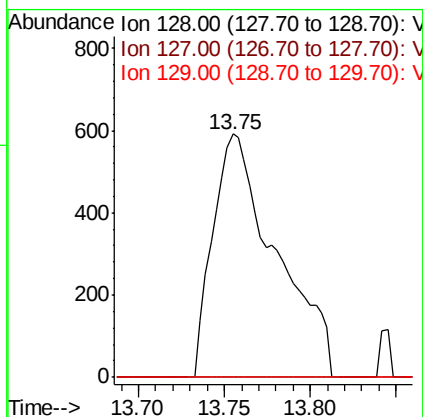
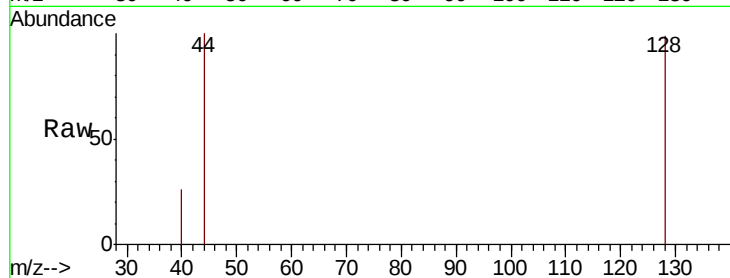




#95
Naphthalene
Concen: 1.949 ug/l
RT: 13.75 min Scan# 3913
Delta R.T. 0.01 min
Lab File: VU027230.D
Acq: 27 Sep 2018 17:30

Instrument :
MSVOA_U
ClientSampleId :
VU0928WBL01

Tot Ion:128 Resp: 1507
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.6 12.8#



#96
1,2,3-Trichlorobenzene
Concen: 0.252 ug/l
RT: 14.00 min Scan# 3988
Delta R.T. 0.01 min
Lab File: VU027230.D
Acq: 27 Sep 2018 17:30

Tgt Ion:180 Resp: 386
Ion Ratio Lower Upper
180 100
182 90.7 47.5 142.5
145 12.2 15.4 46.4#

