

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU011219\
 Data File : VU029144.D
 Acq On : 11 Jan 2019 16:14
 Operator : JC/SP
 Sample : VU0112WBL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0112WBL01

Quant Time: Jan 11 23:43:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 04 02:22:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	155186	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	272755	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	246790	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	93024	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	108056	56.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.66%	
35) Dibromofluoromethane	4.88	113	95970	54.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.56%	
50) Toluene-d8	7.56	98	347620	49.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.60%	
62) 4-Bromofluorobenzene	10.31	95	101653	40.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.04%	

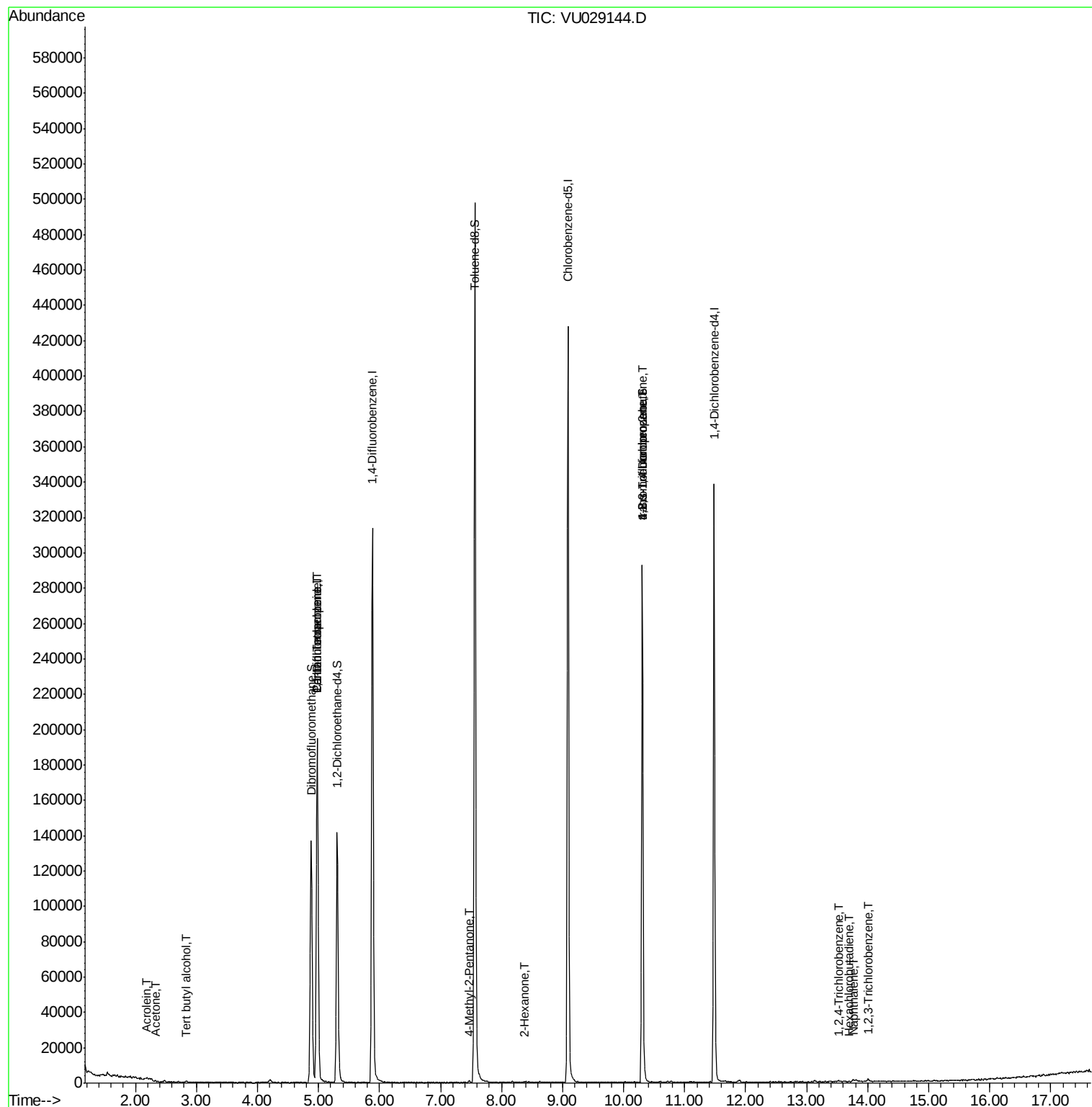
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	653	Below Cal	#	74
5) Bromomethane	1.59	94	61	Below Cal	#	2
11) Tert butyl alcohol	2.83	59	141	0.289	ug/l #	73
13) Acrolein	2.19	56	160	0.437	ug/l #	29
16) Acetone	2.32	43	536	0.444	ug/l #	39
17) Carbon Disulfide	2.48	76	1058	Below Cal	#	75
31) Cyclohexane	4.98	56	2979	Below Cal	#	6
36) 1,1-Dichloropropene	4.98	75	11742	4.307	ug/l #	45
38) Carbon Tetrachloride	4.98	117	13846	6.089	ug/l #	17
51) 4-Methyl-2-Pentanone	7.47	43	644	0.206	ug/l #	33
59) 2-Hexanone	8.38	43	626	0.255	ug/l #	25
76) 1,2,3-Trichloropropane	10.30	75	49565	21.746	ug/l #	36
81) trans-1,4-Dichloro-2-buten	10.30	75	49565	56.085	ug/l #	100
93) 1,2,4-Trichlorobenzene	13.51	180	661	0.312	ug/l #	78
94) Hexachlorobutadiene	13.69	225	274	0.283	ug/l #	39
95) Naphthalene	13.76	128	2874	0.399	ug/l #	81
96) 1,2,3-Trichlorobenzene	14.01	180	785	1.130	ug/l	70

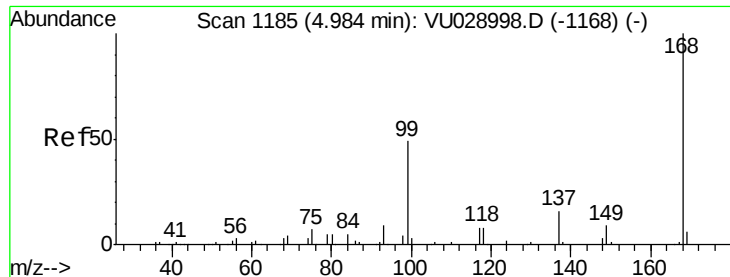
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU011219\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. -0.00 min

Lab File: VU029144.D

Acq: 11 Jan 2019 16:14

Instrument :

MSVOA_U

ClientSampleId :

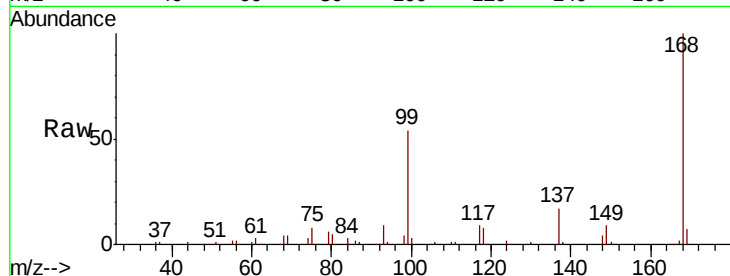
VU0112WBL01

Tgt Ion:168 Resp: 155186

Ion Ratio Lower Upper

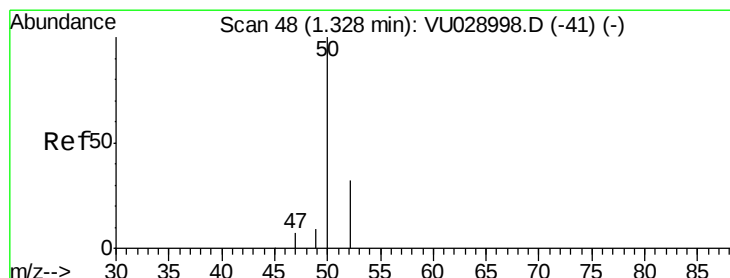
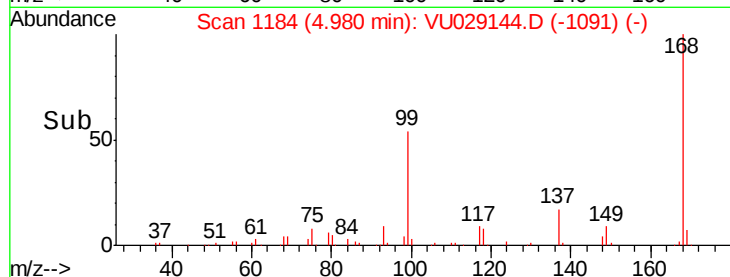
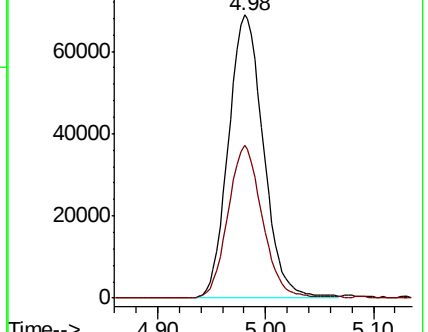
168 100

99 54.0 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): VU028998.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU029144.D (-1091) (-)



#3

Chloromethane

Concen: Below Cal

RT: 1.33 min Scan# 48

Delta R.T. 0.00 min

Lab File: VU029144.D

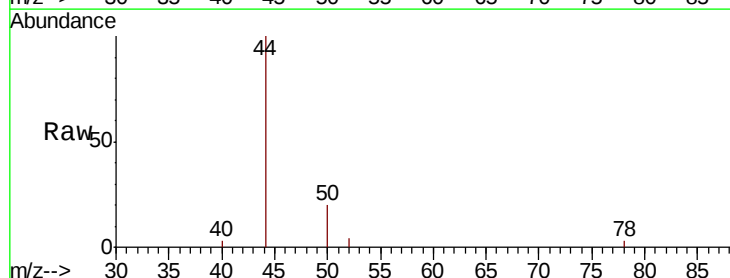
Acq: 11 Jan 2019 16:14

Tgt Ion: 50 Resp: 653

Ion Ratio Lower Upper

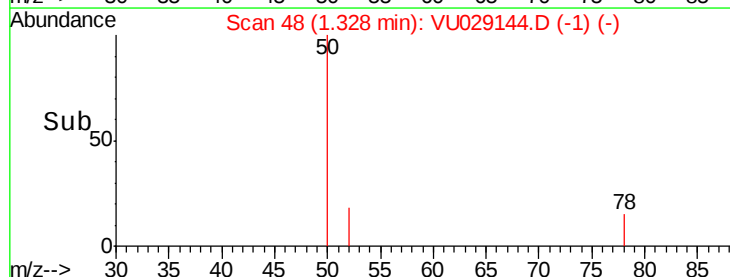
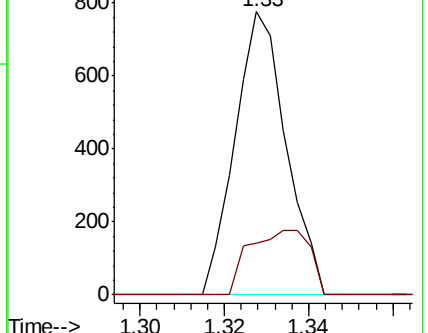
50 100

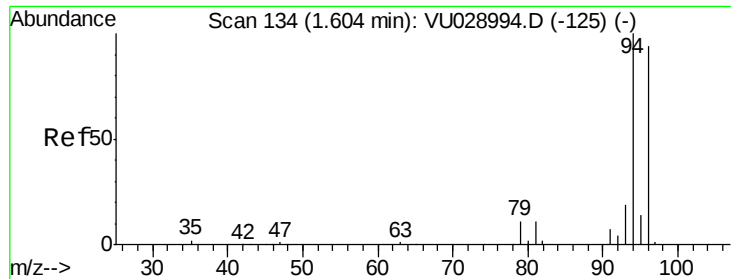
52 18.2 26.1 39.1#



Abundance Ion 49.90 (49.60 to 50.60): VU028998.D (-41) (-)

Ion 51.90 (51.60 to 52.60): VU029144.D (-1) (-)

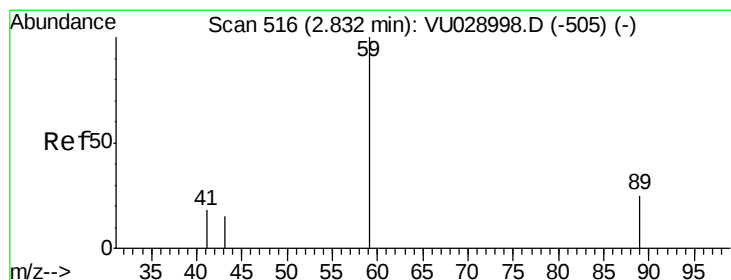
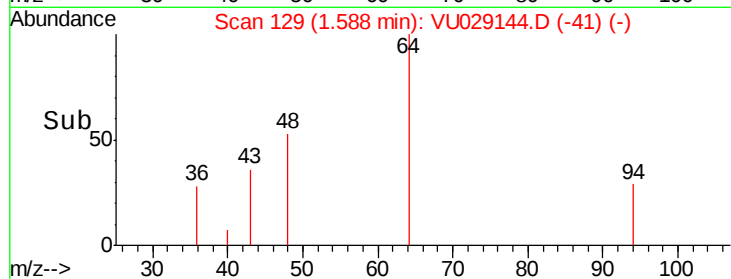
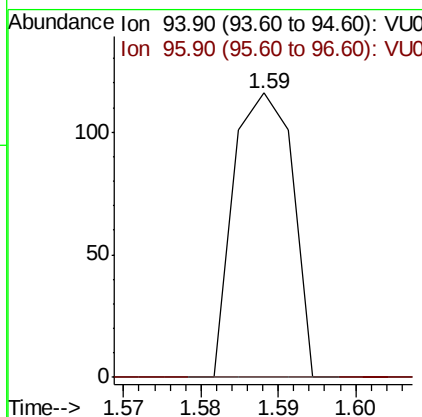
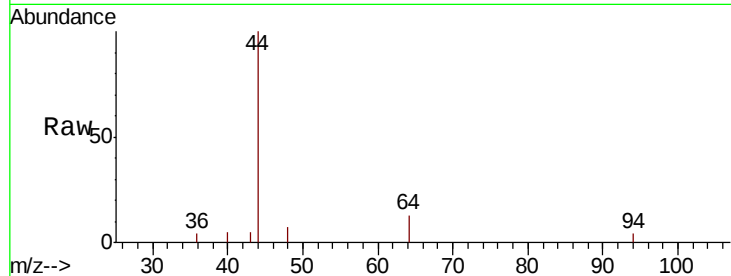




#5
Bromomethane
Concen: Below Cal
RT: 1.59 min Scan# 129
Delta R.T. -0.02 min
Lab File: VU029144.D
Acq: 11 Jan 2019 16:14

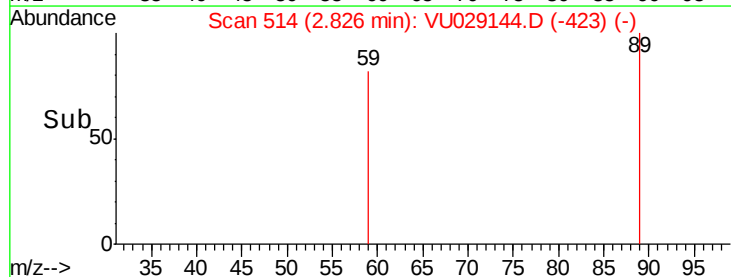
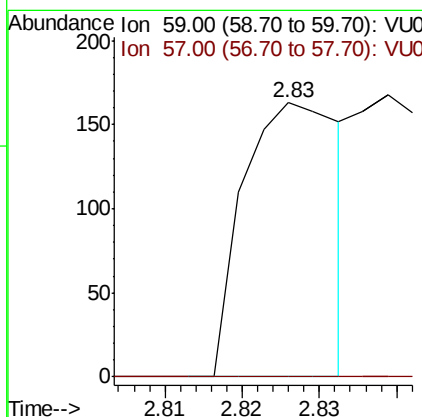
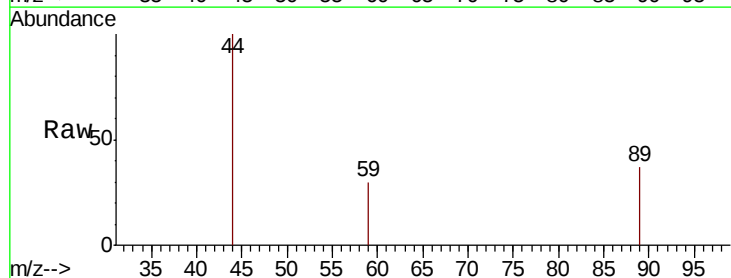
Instrument :
MSVOA_U
ClientSampleId :
VU0112WBL01

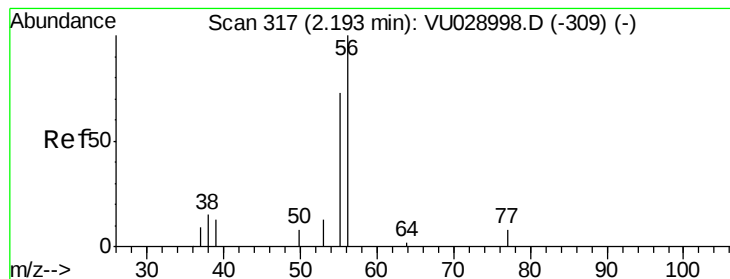
Tgt Ion: 94 Resp: 61
Ion Ratio Lower Upper
94 100
96 0.0 75.5 113.3#



#11
Tert butyl alcohol
Concen: 0.289 ug/l
RT: 2.83 min Scan# 514
Delta R.T. -0.01 min
Lab File: VU029144.D
Acq: 11 Jan 2019 16:14

Tgt Ion: 59 Resp: 141
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#





#13

Acrolein

Concen: 0.437 ug/l

RT: 2.19 min Scan# 315

Delta R.T. -0.01 min

Lab File: VU029144.D

Acq: 11 Jan 2019 16:14

Instrument :

MSVOA_U

ClientSampleId :

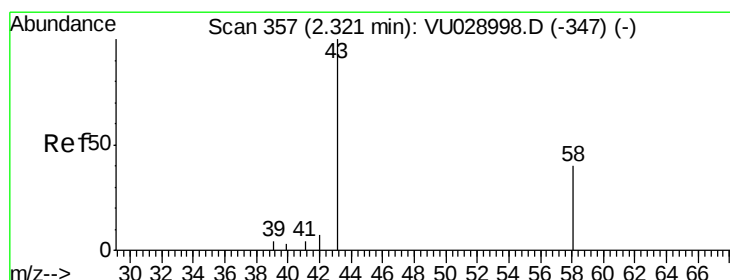
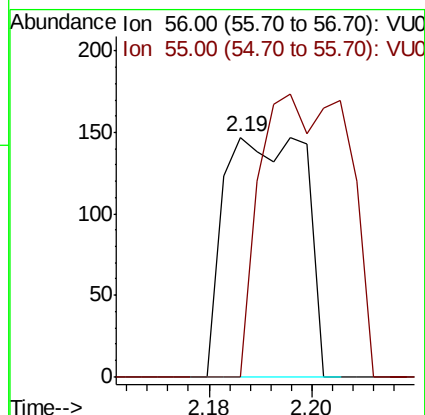
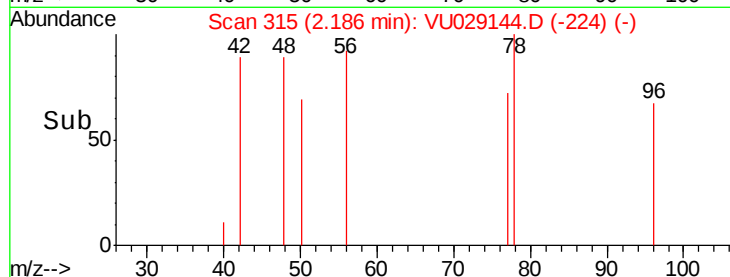
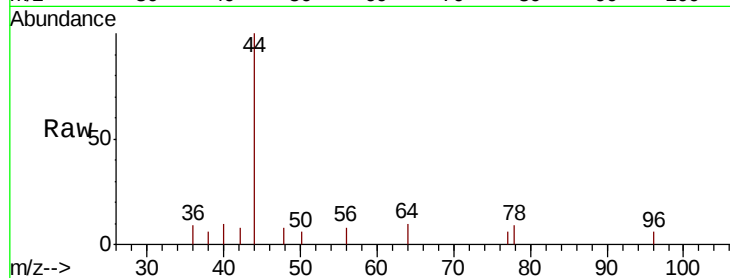
VU0112WBL01

Tgt Ion: 56 Resp: 160

Ion Ratio Lower Upper

56 100

55 128.8 56.5 84.7#



#16

Acetone

Concen: 0.444 ug/l

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU029144.D

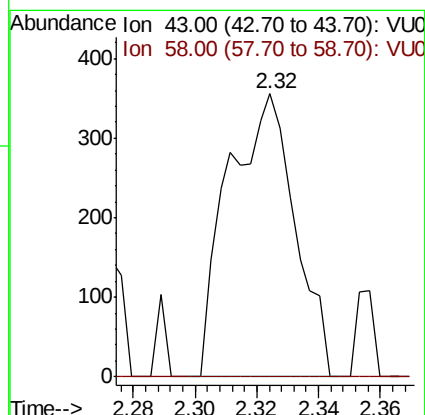
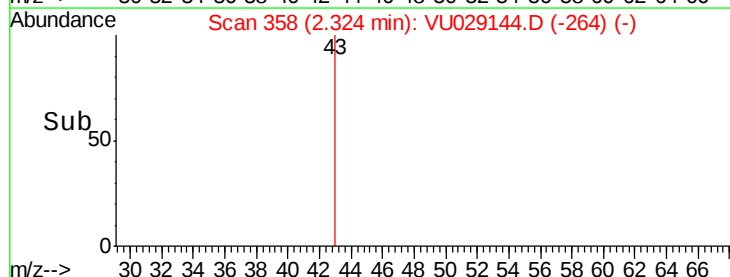
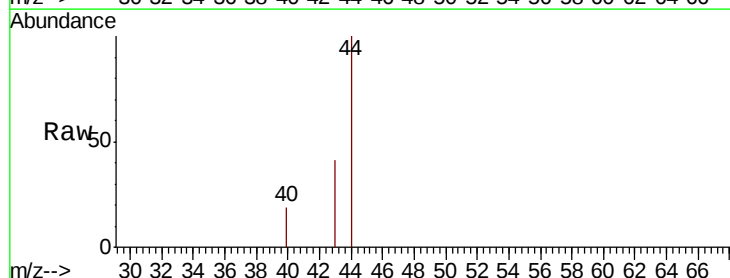
Acq: 11 Jan 2019 16:14

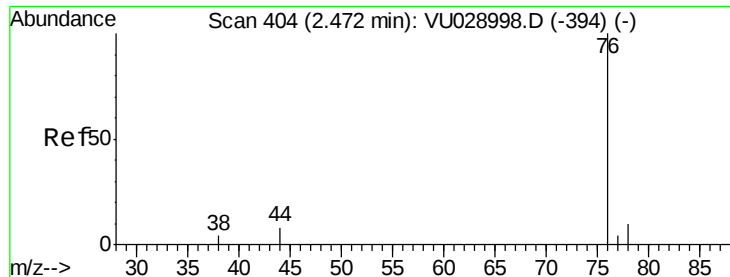
Tgt Ion: 43 Resp: 536

Ion Ratio Lower Upper

43 100

58 0.0 28.6 42.8#

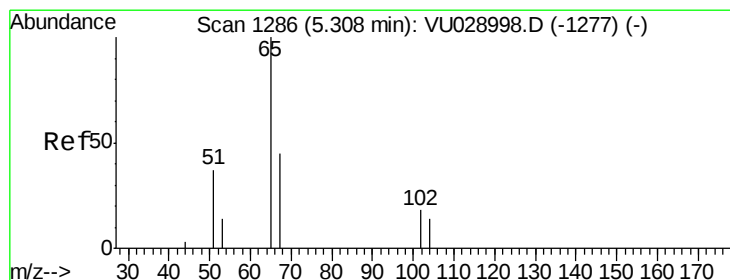
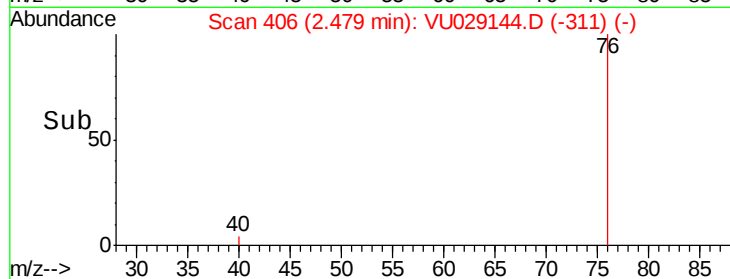
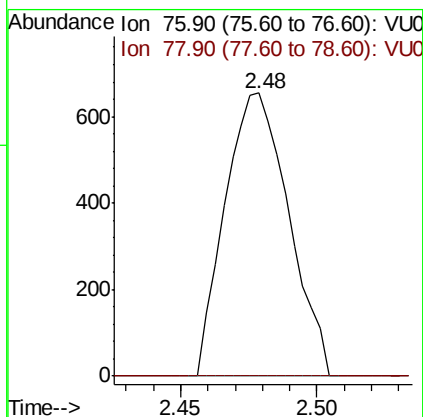
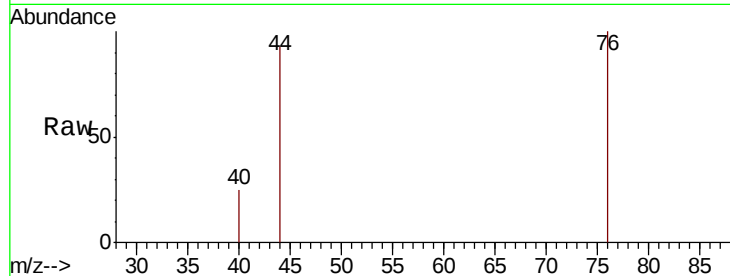




#17
Carbon Disulfide
Concen: Below Cal
RT: 2.48 min Scan# 406
Delta R.T. 0.01 min
Lab File: VU029144.D
Acq: 11 Jan 2019 16:14

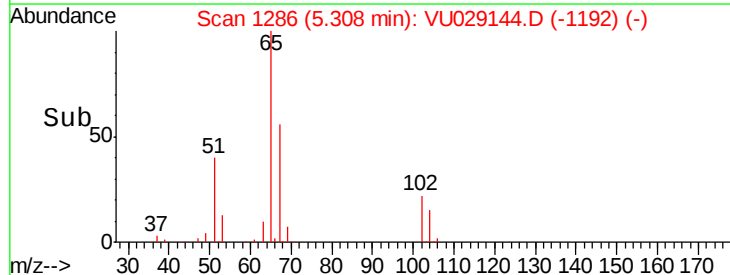
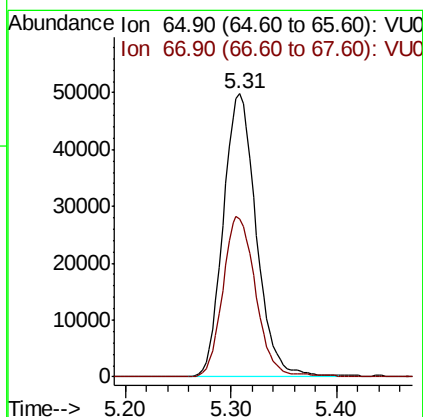
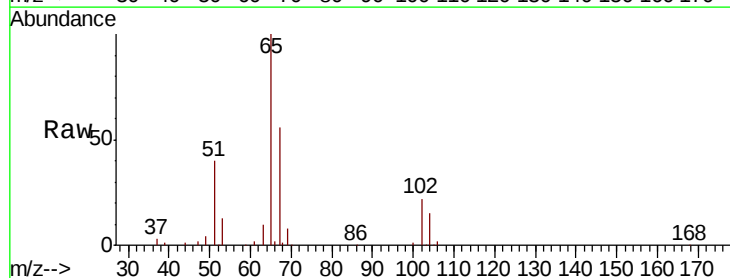
Instrument :
MSVOA_U
ClientSampleId :
VU0112WBL01

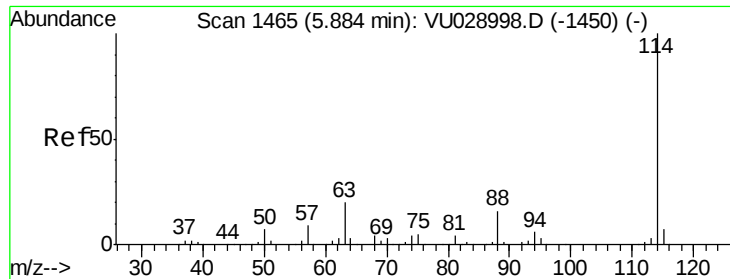
Tgt Ion: 76 Resp: 1058
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#33
1,2-Dichloroethane-d4
Concen: 56.326 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. 0.00 min
Lab File: VU029144.D
Acq: 11 Jan 2019 16:14

Tgt Ion: 65 Resp: 108056
Ion Ratio Lower Upper
65 100
67 56.5 0.0 111.0

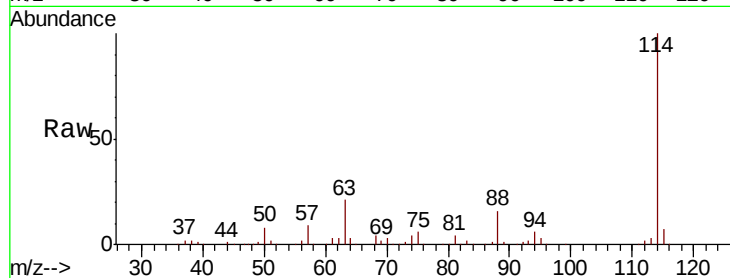




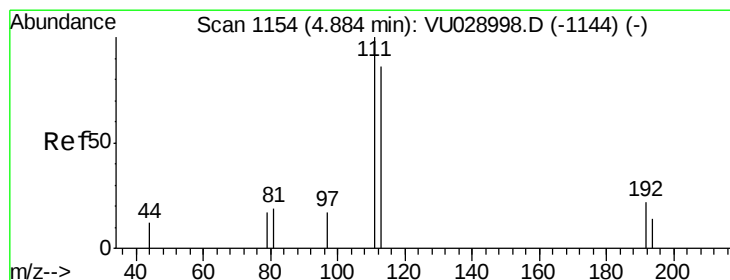
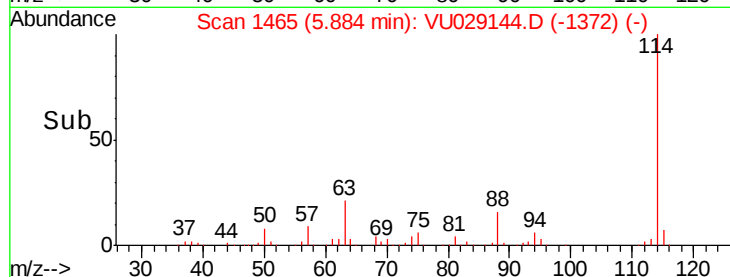
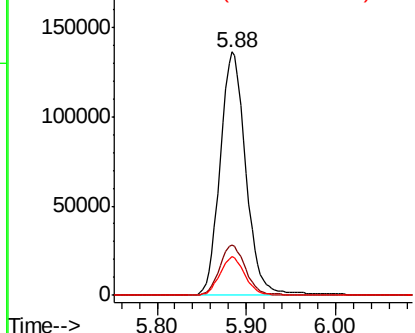
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: VU029144.D
 Acq: 11 Jan 2019 16:14

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0112WBL01

Tgt Ion:114 Resp: 272755
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 40.2
 88 15.7 0.0 30.4

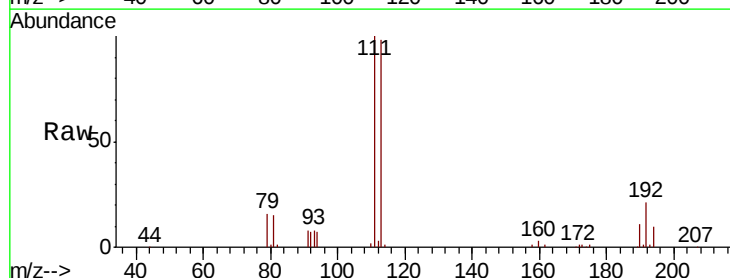


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

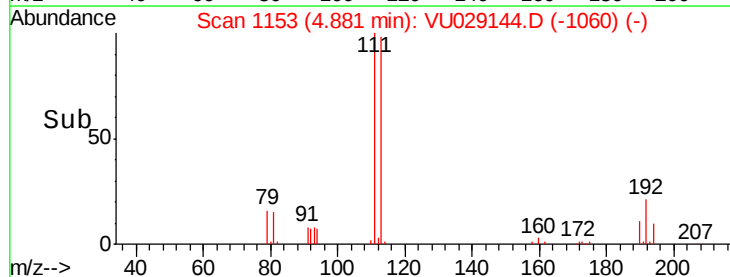
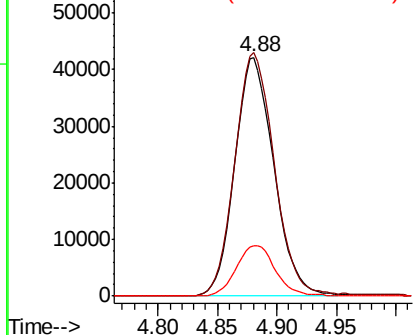


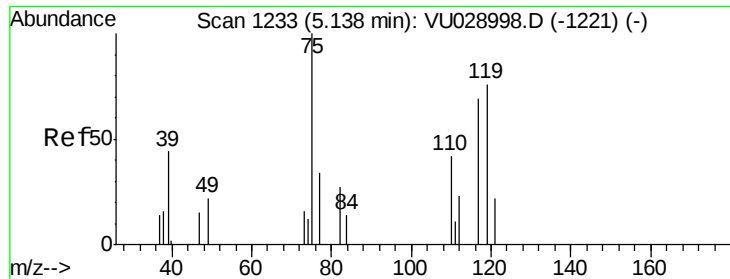
#35
 Dibromofluoromethane
 Concen: 54.279 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: VU029144.D
 Acq: 11 Jan 2019 16:14

Tgt Ion:113 Resp: 95970
 Ion Ratio Lower Upper
 113 100
 111 103.4 81.4 122.2
 192 21.2 16.8 25.2



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

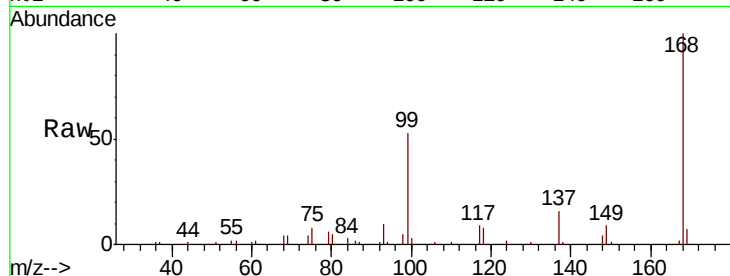




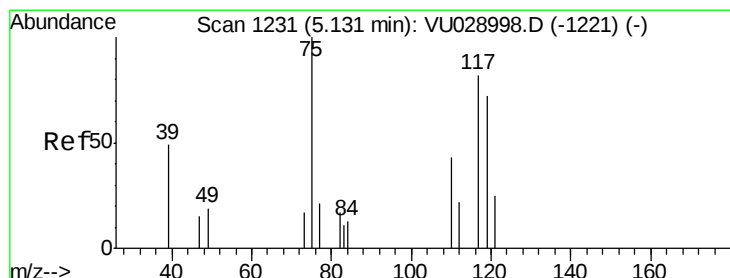
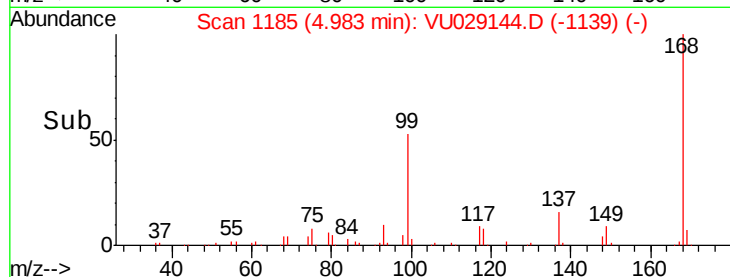
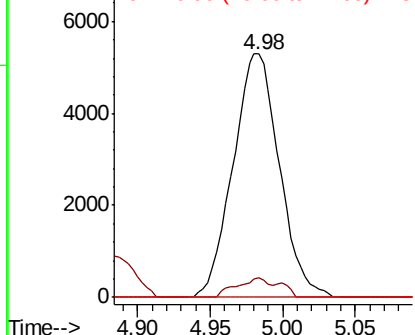
#36
 1,1-Dichloropropene
 Concen: 4.307 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU029144.D
 Acq: 11 Jan 2019 16:14

Instrument :
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 VU0112WBL01

Tgt Ion: 75 Resp: 11742
 Ion Ratio Lower Upper
 75 100
 110 5.6 18.4 55.4#
 77 0.0 25.1 37.7#

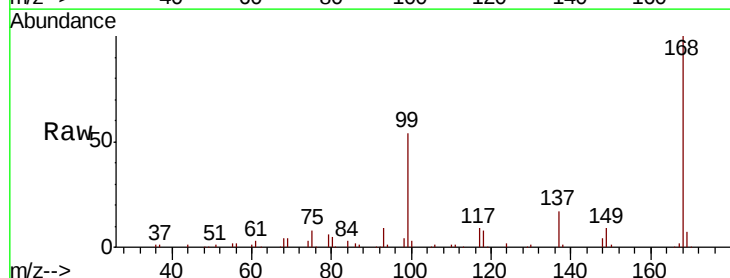


Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VU0

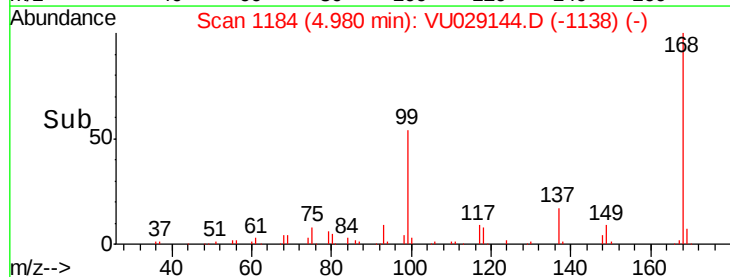
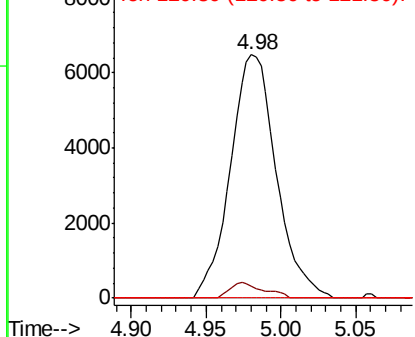


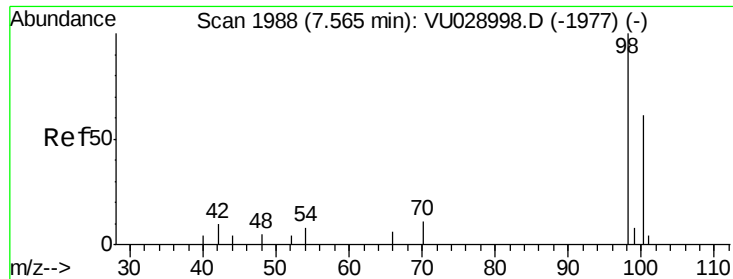
#38
 Carbon Tetrachloride
 Concen: 6.089 ug/l
 RT: 4.98 min Scan# 1184
 Delta R.T. -0.15 min
 Lab File: VU029144.D
 Acq: 11 Jan 2019 16:14

Tgt Ion: 117 Resp: 13846
 Ion Ratio Lower Upper
 117 100
 119 4.7 74.6 111.8#
 121 0.0 25.0 37.6#



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: 49.801 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VU029144.D

Acq: 11 Jan 2019 16:14

Instrument :

MSVOA_U

ClientSampleId :

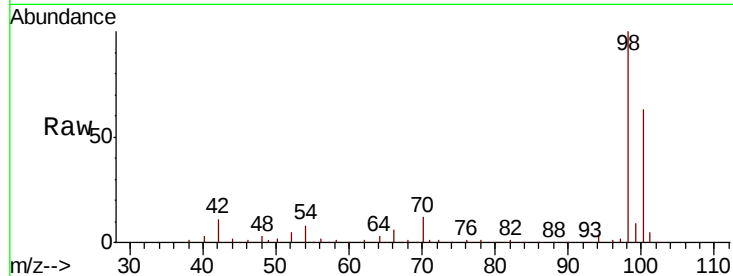
VU0112WBL01

Tgt Ion: 98 Resp: 347620

Ion Ratio Lower Upper

98 100

100 62.5 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VU028998.D (-1977) (-)

Ion 100.00 (99.70 to 100.70): VU028998.D (-1977) (-)

7.56

200000

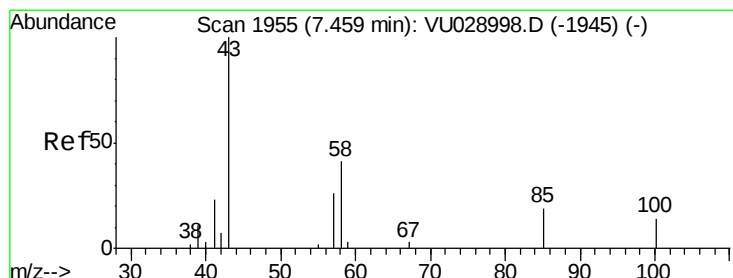
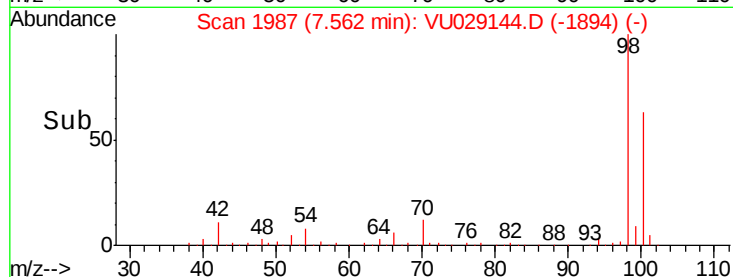
150000

100000

50000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.206 ug/l

RT: 7.47 min Scan# 1958

Delta R.T. 0.01 min

Lab File: VU029144.D

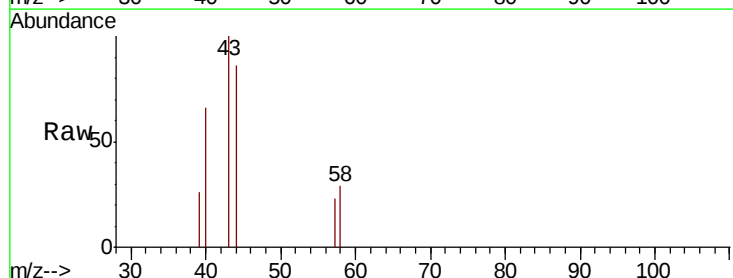
Acq: 11 Jan 2019 16:14

Tgt Ion: 43 Resp: 644

Ion Ratio Lower Upper

43 100

58 0.0 33.9 50.9#



Abundance Ion 43.00 (42.70 to 43.70): VU028998.D (-1945) (-)

Ion 58.00 (57.70 to 58.70): VU028998.D (-1945) (-)

7.47

500

400

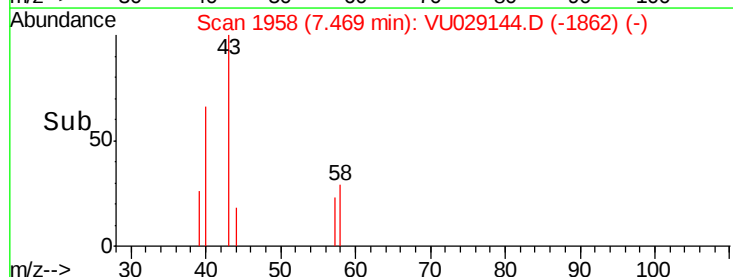
300

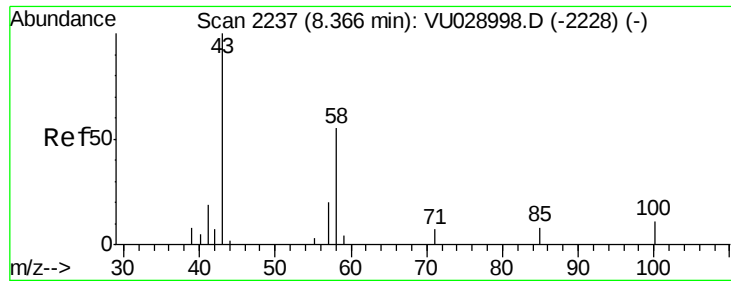
200

100

0

Time-->

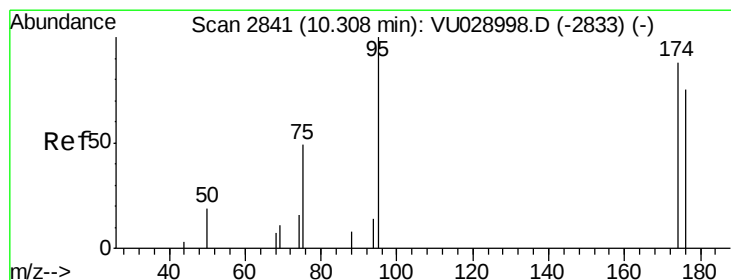
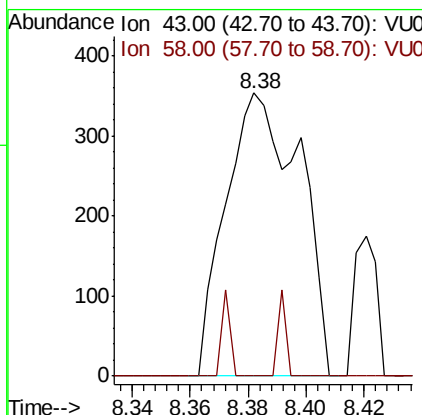
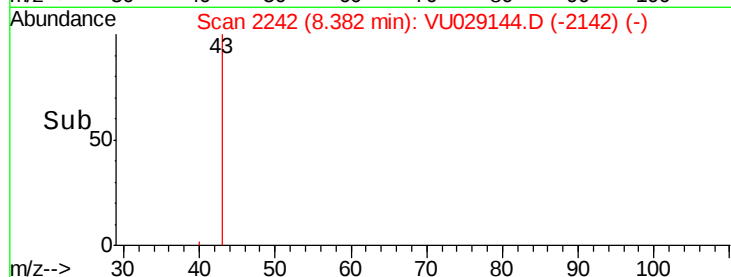
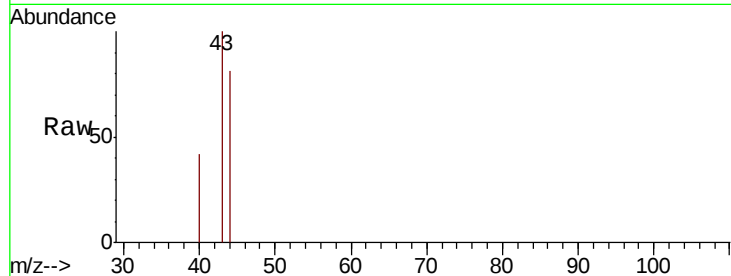




#59
2-Hexanone
Concen: 0.255 ug/l
RT: 8.38 min Scan# 2242
Delta R.T. 0.02 min
Lab File: VU029144.D
Acq: 11 Jan 2019 16:14

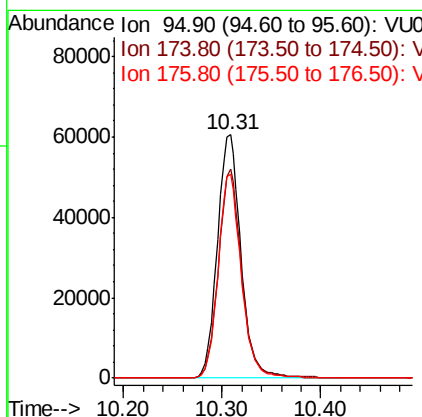
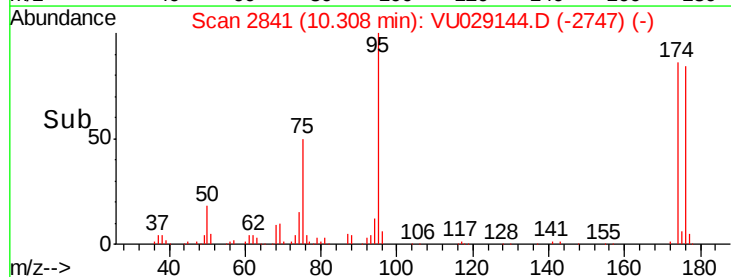
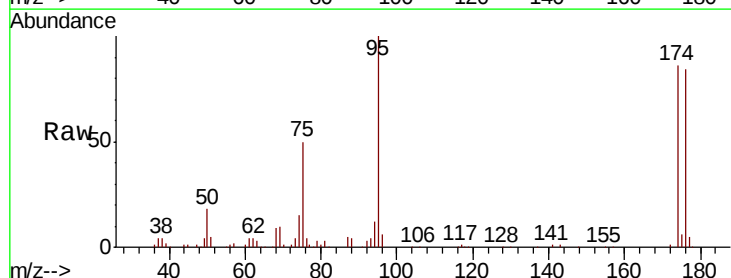
Instrument :
MSVOA_U
ClientSampleId :
VU0112WBL01

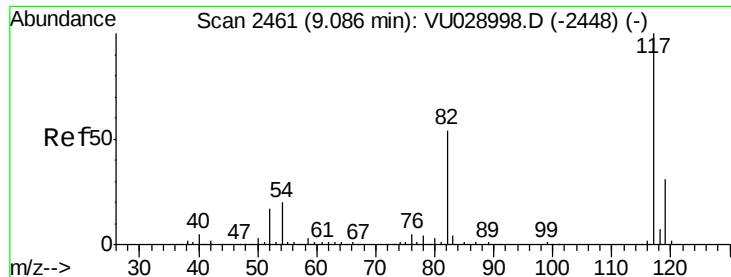
Tgt Ion: 43 Resp: 626
Ion Ratio Lower Upper
43 100
58 3.4 29.8 89.4#



#62
4-Bromofluorobenzene
Concen: 40.523 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU029144.D
Acq: 11 Jan 2019 16:14

Tgt Ion: 95 Resp: 101653
Ion Ratio Lower Upper
95 100
174 85.1 0.0 170.6
176 82.0 0.0 165.0

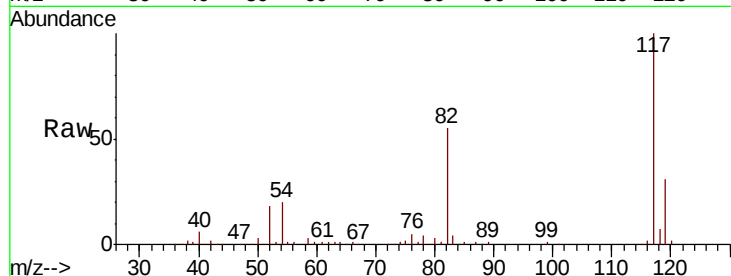




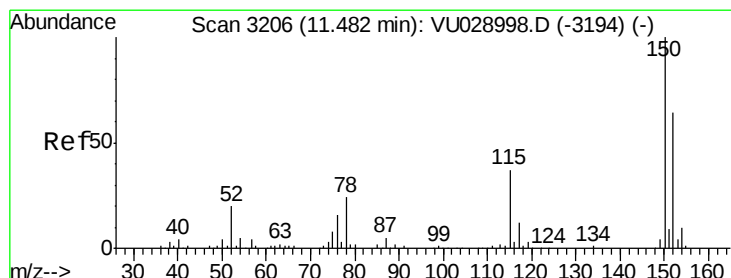
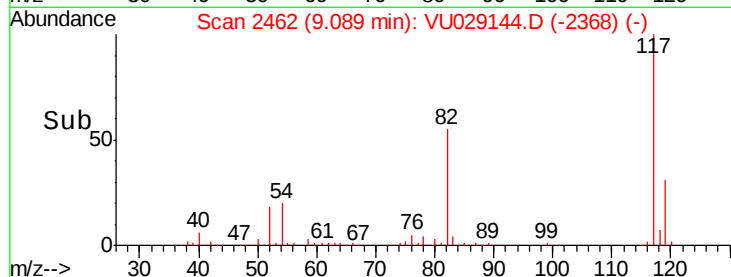
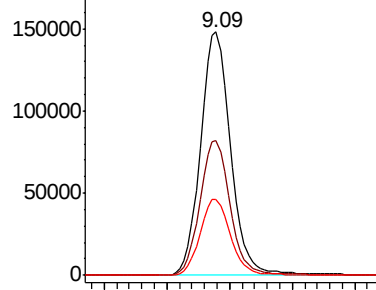
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU029144.D
Acq: 11 Jan 2019 16:14

Instrument :
MSVOA_U
ClientSampleId :
VU0112WBL01

Tgt Ion:117 Resp: 246790
Ion Ratio Lower Upper
117 100
82 55.3 43.9 65.9
119 31.2 26.0 39.0

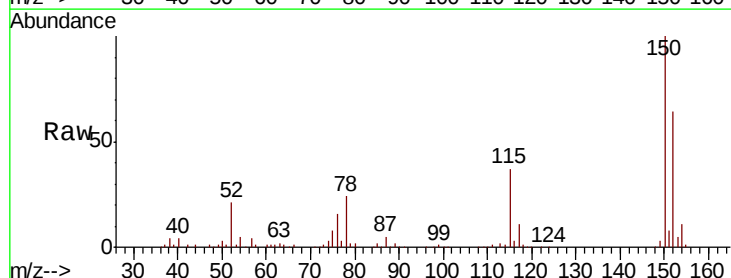


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

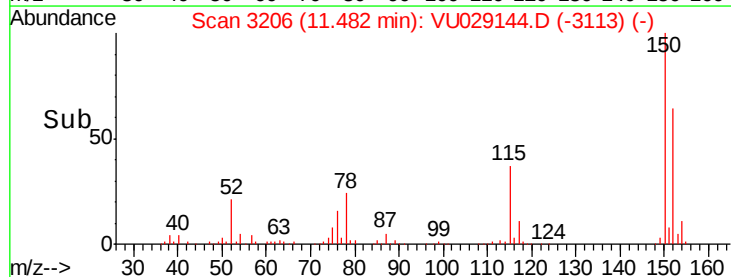
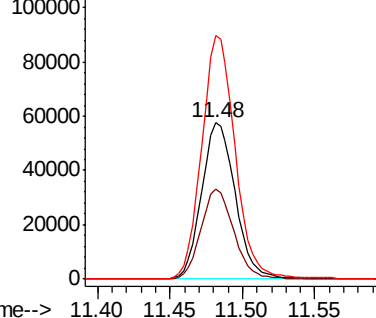


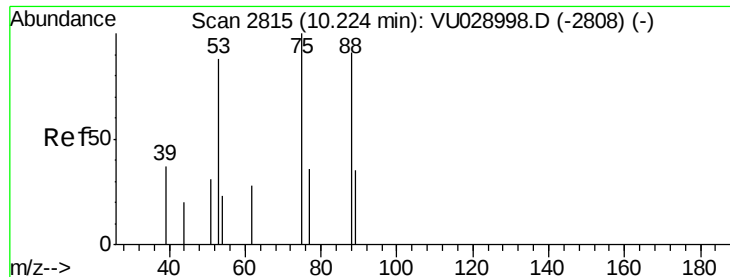
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU029144.D
Acq: 11 Jan 2019 16:14

Tgt Ion:152 Resp: 93024
Ion Ratio Lower Upper
152 100
115 57.0 40.1 120.3
150 154.2 0.0 345.2



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

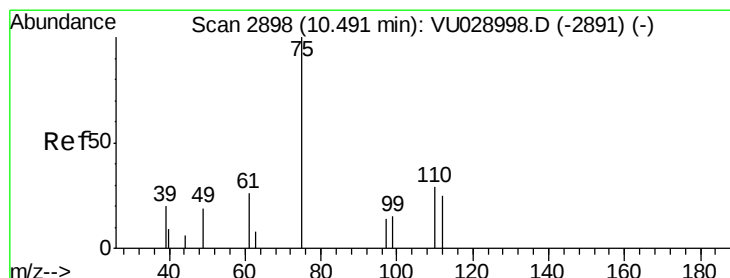
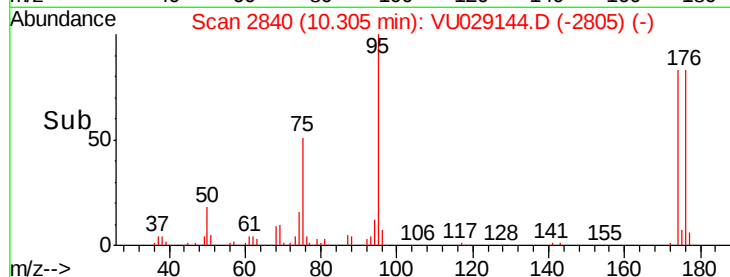
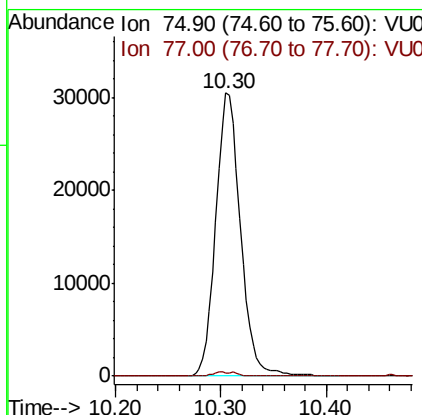
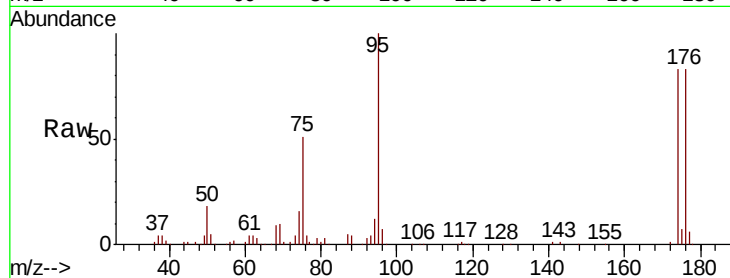




#76
 1,2,3-Trichloropropane
 Concen: 21.746 ug/l
 RT: 10.30 min Scan# 2840
 Delta R.T. -0.19 min
 Lab File: VU029144.D
 Acq: 11 Jan 2019 16:14

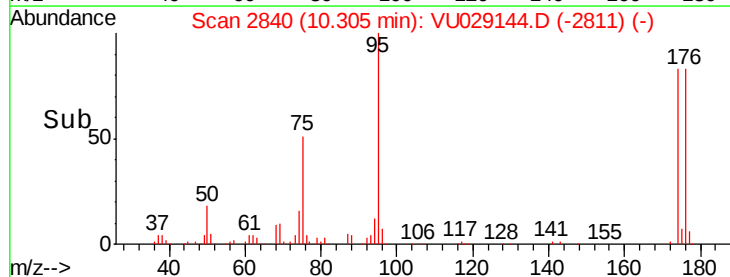
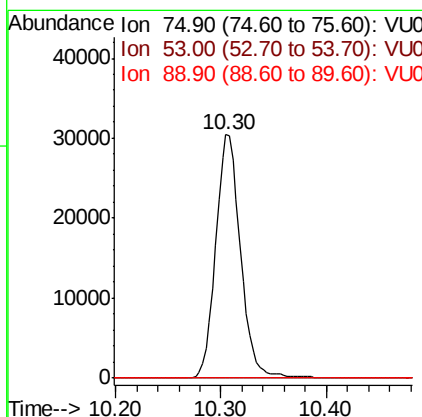
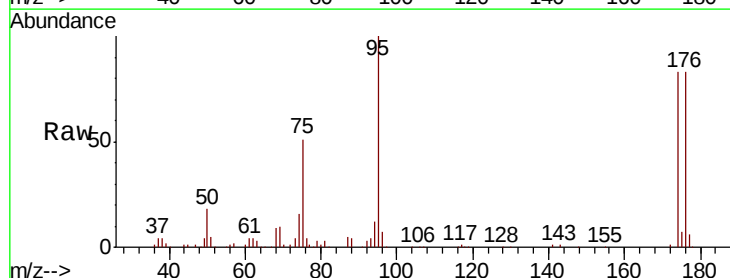
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0112WBL01

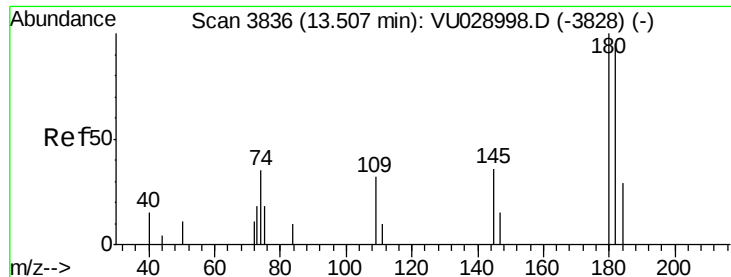
Tgt Ion: 75 Resp: 49565
 Ion Ratio Lower Upper
 75 100
 77 1.3 20.9 62.8#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 56.085 ug/l
 RT: 10.30 min Scan# 2840
 Delta R.T. -0.21 min
 Lab File: VU029144.D
 Acq: 11 Jan 2019 16:14

Tgt Ion: 75 Resp: 49565
 Ion Ratio Lower Upper
 75 100
 53 0.0 0.0 0.0
 89 0.0 0.0 0.0

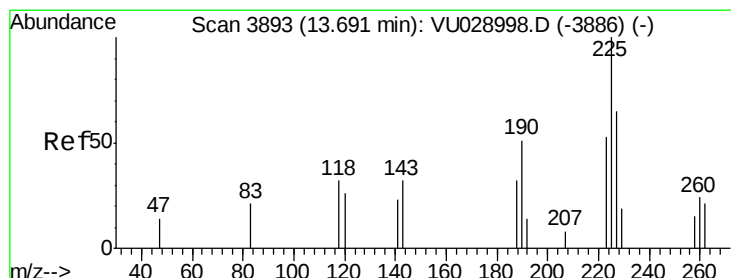
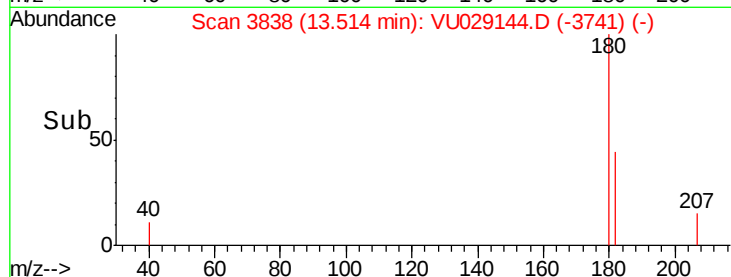
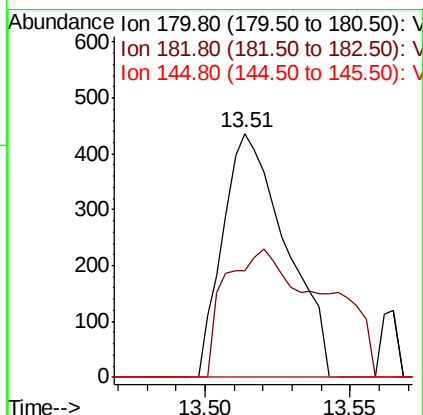
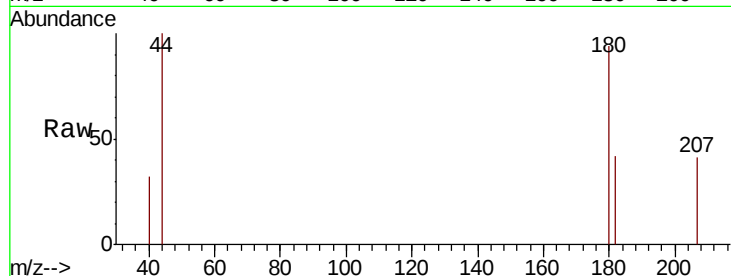




#93
 1,2,4-Trichlorobenzene
 Concen: 0.312 ug/l
 RT: 13.51 min Scan# 3838
 Delta R.T. 0.01 min
 Lab File: VU029144.D
 Acq: 11 Jan 2019 16:14

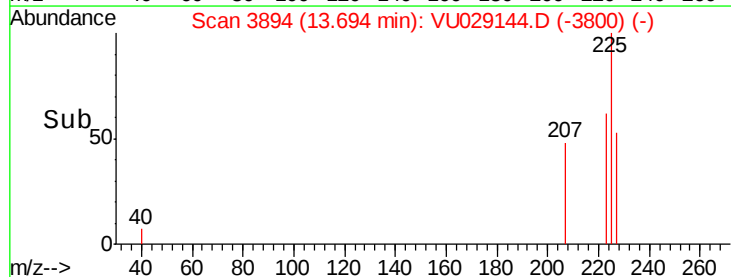
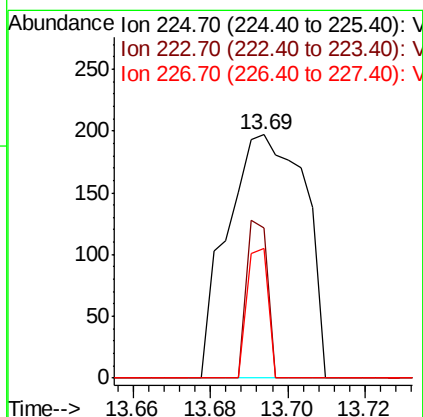
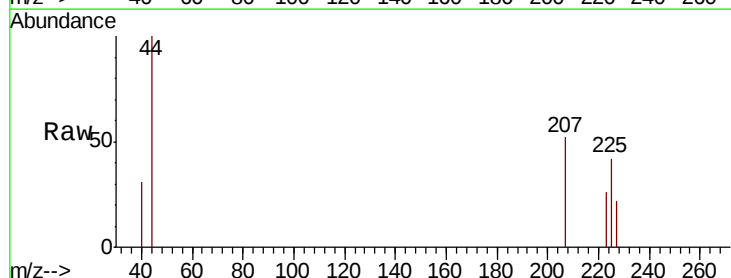
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0112WBL01

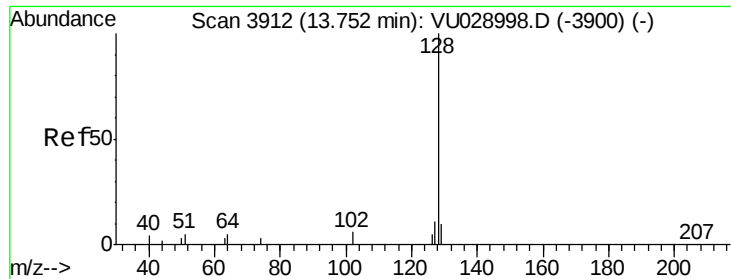
Tgt Ion:180 Resp: 661
 Ion Ratio Lower Upper
 180 100
 182 83.2 47.5 142.6
 145 0.0 14.0 42.0#



#94
 Hexachlorobutadiene
 Concen: 0.283 ug/l
 RT: 13.69 min Scan# 3894
 Delta R.T. 0.00 min
 Lab File: VU029144.D
 Acq: 11 Jan 2019 16:14

Tgt Ion:225 Resp: 274
 Ion Ratio Lower Upper
 225 100
 223 17.5 31.4 94.0#
 227 14.6 31.9 95.5#

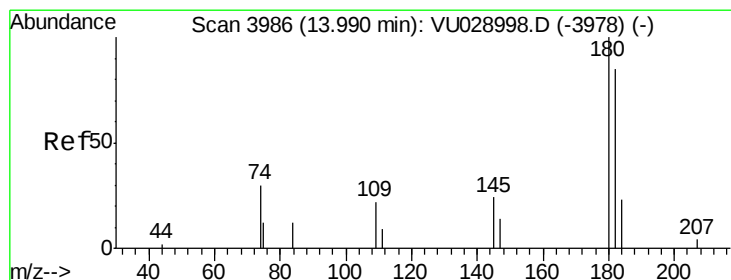
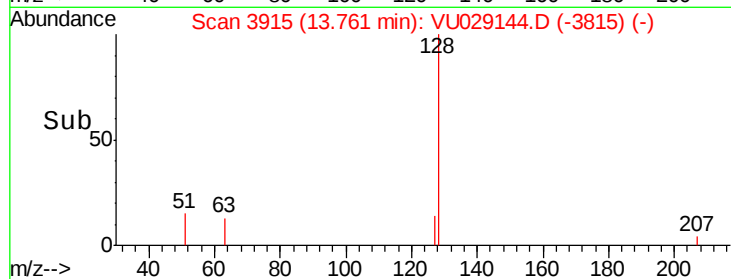
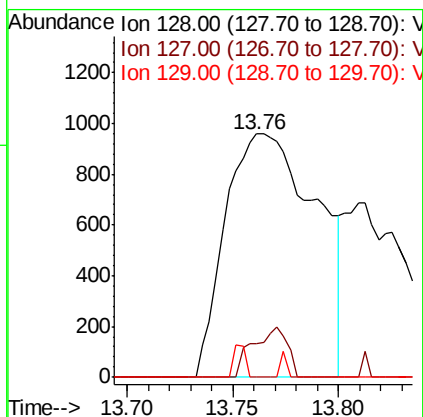
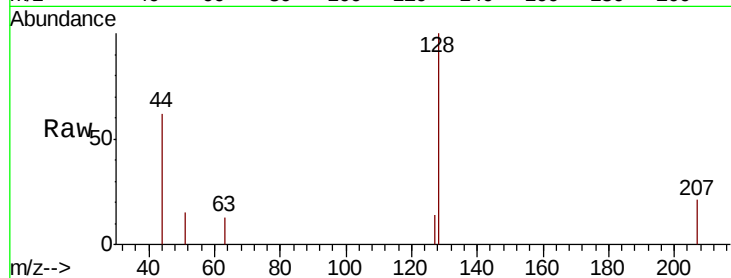




#95
Naphthalene
Concen: 0.399 ug/l
RT: 13.76 min Scan# 3915
Delta R.T. 0.02 min
Lab File: VU029144.D
Acq: 11 Jan 2019 16:14

Instrument :
MSVOA_U
ClientSampleId :
VU0112WBL01

Tgt Ion:128 Resp: 2874
Ion Ratio Lower Upper
128 100
127 7.8 10.1 15.1#
129 0.7 8.5 12.7#



#96
1,2,3-Trichlorobenzene
Concen: 1.130 ug/l
RT: 14.01 min Scan# 3991
Delta R.T. 0.02 min
Lab File: VU029144.D
Acq: 11 Jan 2019 16:14

Tgt Ion:180 Resp: 785
Ion Ratio Lower Upper
180 100
182 130.1 48.1 144.3
145 20.5 14.8 44.4

