

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU010519\
 Data File : VU029023.D
 Acq On : 04 Jan 2019 13:26
 Operator : MD/SY
 Sample : VU0105WBL01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0105WBL01

Quant Time: Jan 05 03:40:26 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	112136	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	190712	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	170753	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	65186	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	72766	52.49	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.98%	
35) Dibromofluoromethane	4.88	113	65515	52.99	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.98%	
50) Toluene-d8	7.56	98	236686	48.50	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.00%	
62) 4-Bromofluorobenzene	10.30	95	71295	40.65	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	81.30%	

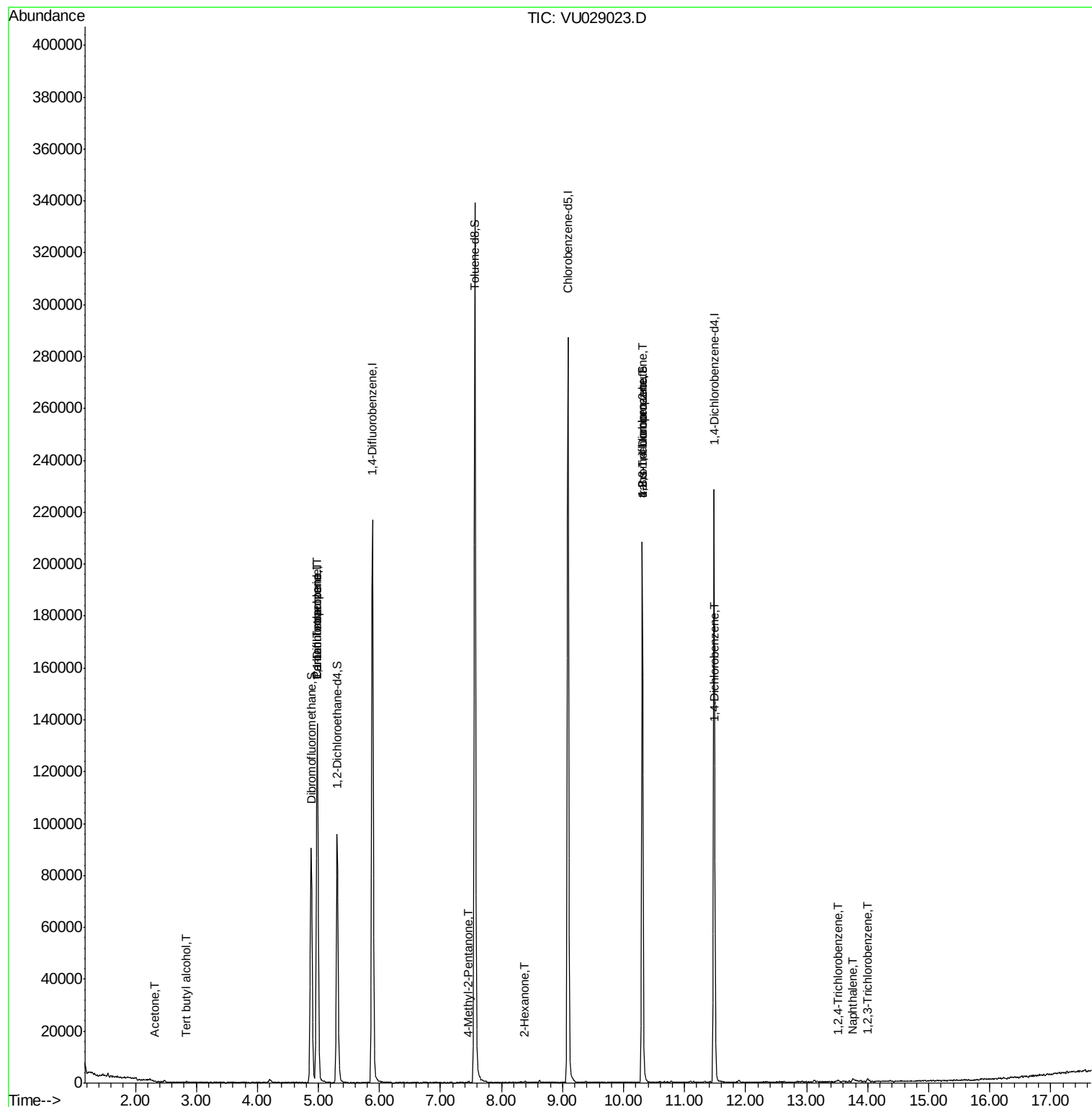
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	648	Below Cal	#	88
5) Bromomethane	1.63	94	44	Below Cal		93
11) Tert butyl alcohol	2.84	59	222	0.630	ug/l #	73
16) Acetone	2.32	43	257	0.294	ug/l #	39
17) Carbon Disulfide	2.48	76	858	Below Cal	#	75
31) Cyclohexane	4.99	56	2088	Below Cal	#	1
36) 1,1-Dichloropropene	4.98	75	8081	4.239	ug/l #	46
38) Carbon Tetrachloride	4.98	117	10145	6.381	ug/l #	16
51) 4-Methyl-2-Pentanone	7.46	43	545	0.249	ug/l #	33
59) 2-Hexanone	8.38	43	602	0.351	ug/l #	53
76) 1,2,3-Trichloropropane	10.31	75	34049	21.318	ug/l #	35
81) trans-1,4-Dichloro-2-buten	10.31	75	34049	54.981	ug/l #	100
88) 1,4-Dichlorobenzene	11.50	146	510	0.214	ug/l #	57
93) 1,2,4-Trichlorobenzene	13.52	180	449	0.303	ug/l #	65
95) Naphthalene	13.75	128	1573	0.312	ug/l #	74
96) 1,2,3-Trichlorobenzene	14.00	180	1007	1.425	ug/l #	74

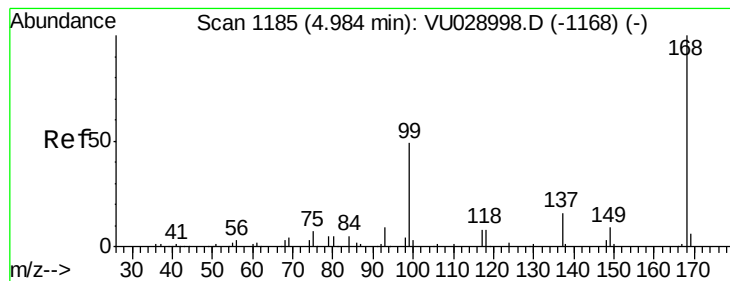
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU010519\
Data File : VU029023.D
Acq On : 04 Jan 2019 13:26
Operator : MD/SY
Sample : VU0105WBL01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0105WBL01

Quant Time: Jan 05 03:40:26 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
Quant Title : SW846 8260
QLast Update : Fri Jan 04 02:22:53 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. 0.00 min

Lab File: VU029023.D

Acq: 04 Jan 2019 13:26

Instrument :

MSVOA_U

ClientSampleId :

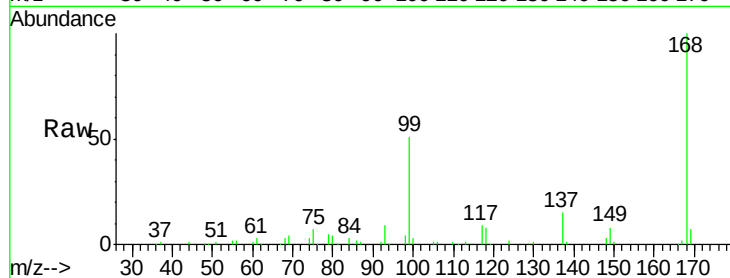
VU0105WBL01

Tot Ion:168 Resp: 112136

Ion Ratio Lower Upper

168 100

99 51.5 42.0 63.0



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

Ion 98.90 (98.60 to 99.60): VU028998.D (-1168) (-)

4.98

50000

40000

30000

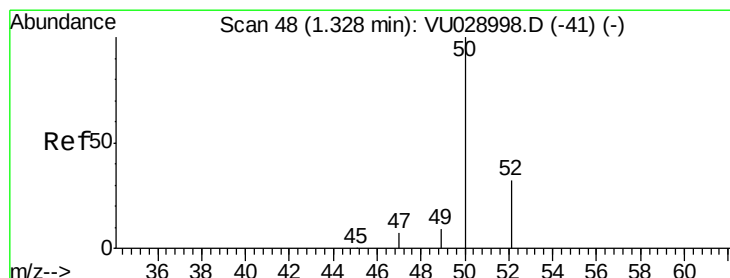
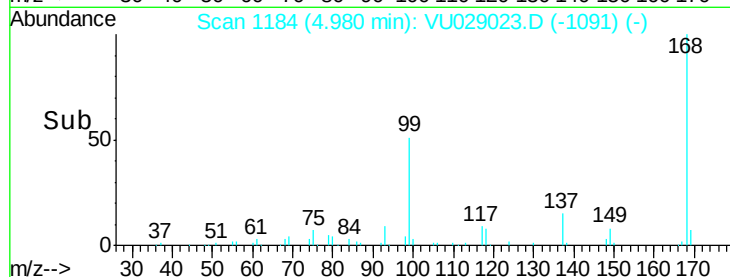
20000

10000

0

4.90 4.95 5.00 5.05 5.10

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 1.33 min Scan# 48

Delta R.T. 0.00 min

Lab File: VU029023.D

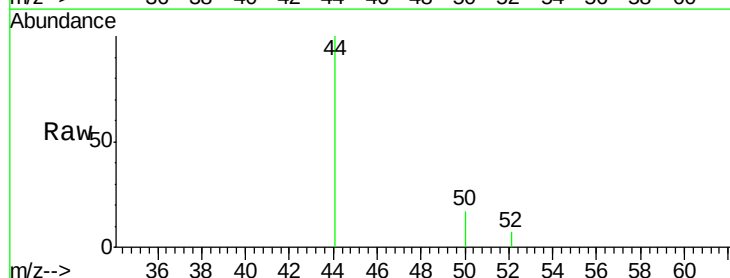
Acq: 04 Jan 2019 13:26

Tgt Ion: 50 Resp: 648

Ion Ratio Lower Upper

50 100

52 39.3 26.1 39.1#



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

Ion 51.90 (51.60 to 52.60): VU028998.D (-41) (-)

1.33

600

500

400

300

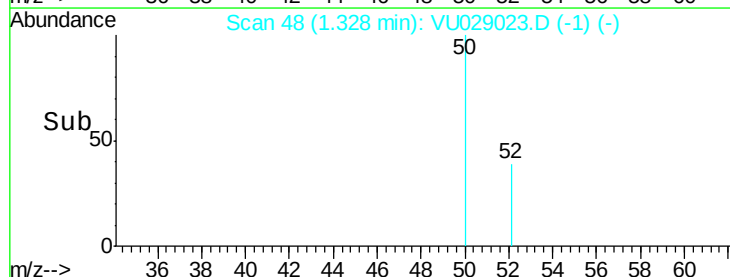
200

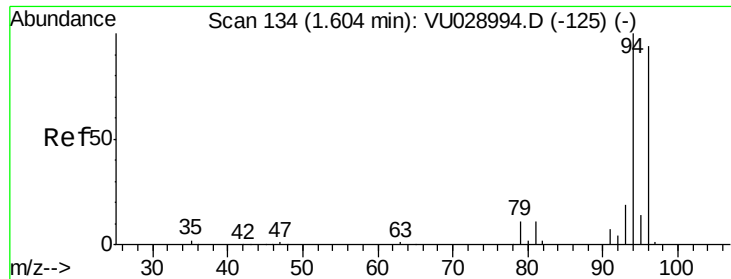
100

0

1.30 1.32 1.34 1.36

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 1.63 min Scan# 143

Delta R.T. 0.03 min

Lab File: VU029023.D

Acq: 04 Jan 2019 13:26

Instrument :

MSVOA_U

ClientSampleId :

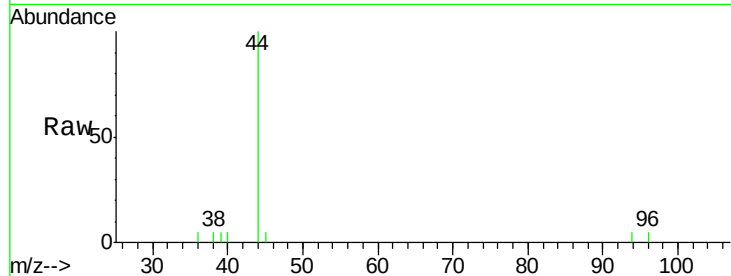
VU0105WBL01

Tot Ion: 94 Resp: 44

Ion Ratio Lower Upper

94 100

96 100.9 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0

150

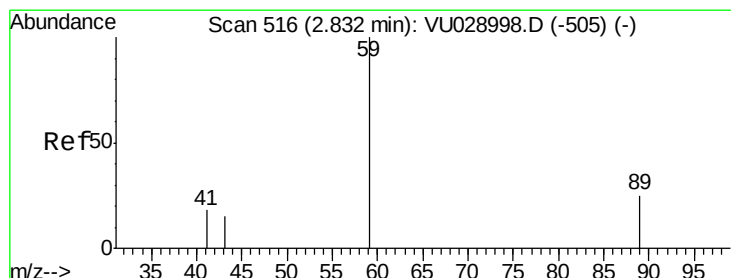
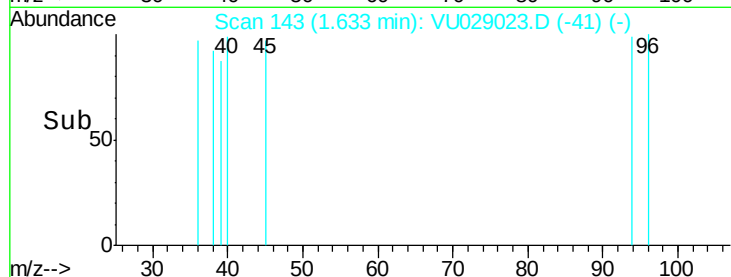
100

50

0

1.62 1.63 1.64

Time-->



#11

Tert butyl alcohol

Concen: 0.630 ug/l

RT: 2.84 min Scan# 518

Delta R.T. 0.01 min

Lab File: VU029023.D

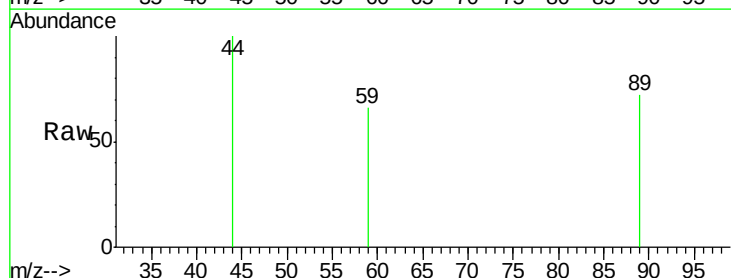
Acq: 04 Jan 2019 13:26

Tgt Ion: 59 Resp: 222

Ion Ratio Lower Upper

59 100

57 0.0 7.9 11.9#



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

200

150

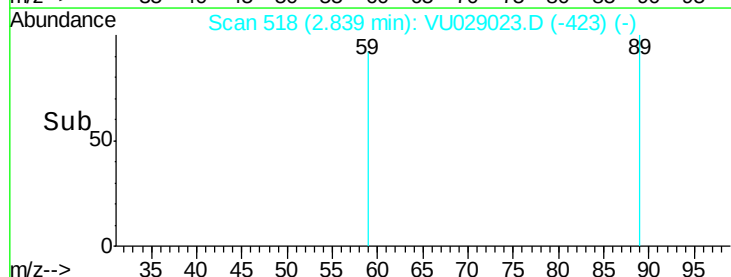
100

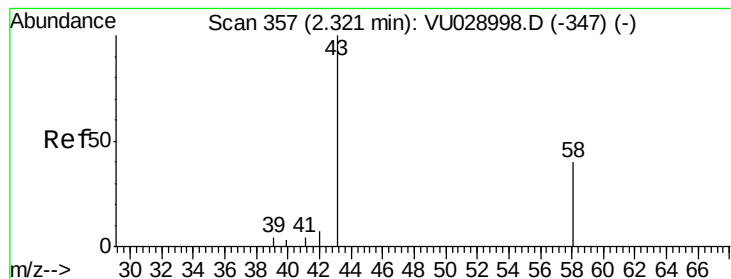
50

0

2.82 2.84 2.86

Time-->





#16

Acetone

Concen: 0.294 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU029023.D

Acq: 04 Jan 2019 13:26

Instrument :

MSVOA_U

ClientSampleId :

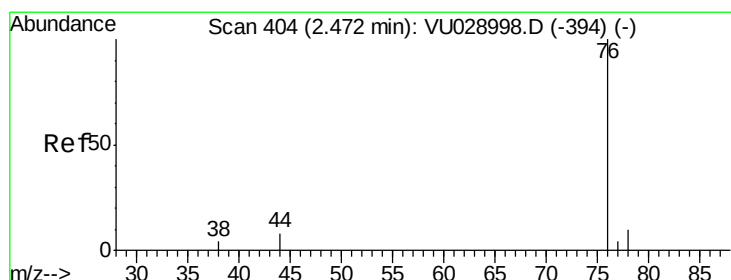
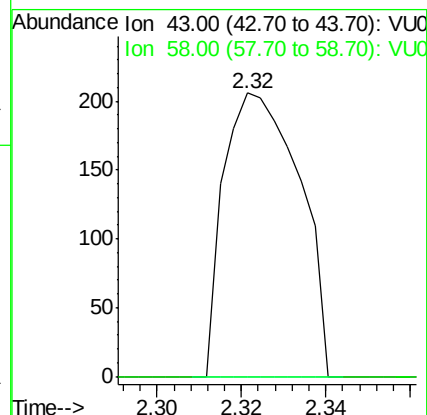
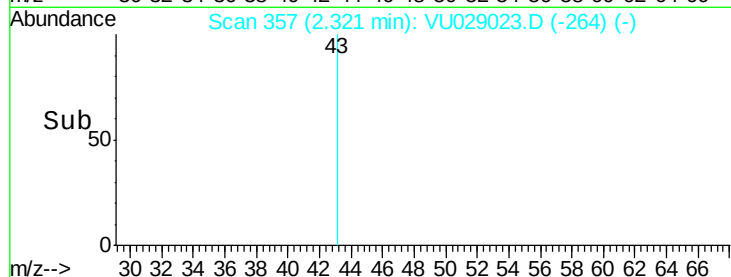
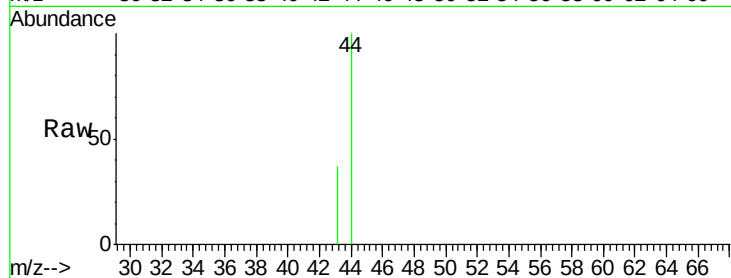
VU0105WBL01

Tot Ion: 43 Resp: 257

Ion Ratio Lower Upper

43 100

58 0.0 28.6 42.8#



#17

Carbon Disulfide

Concen: Below Cal

RT: 2.48 min Scan# 405

Delta R.T. 0.00 min

Lab File: VU029023.D

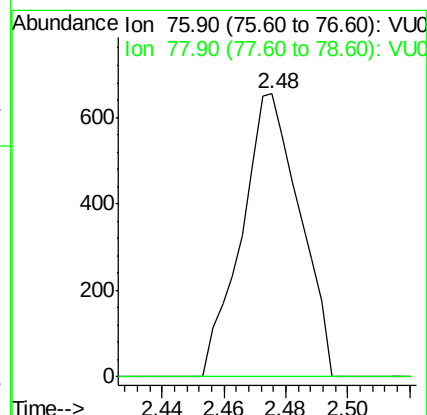
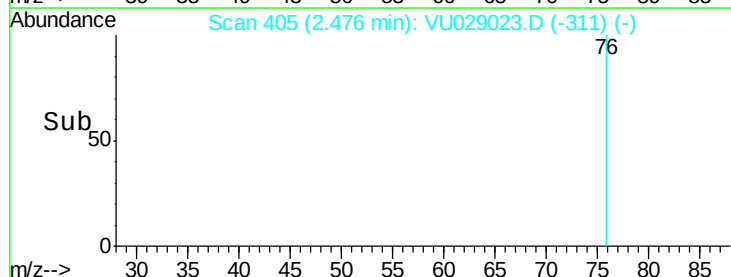
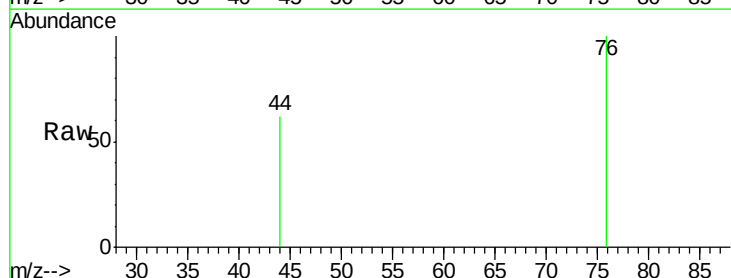
Acq: 04 Jan 2019 13:26

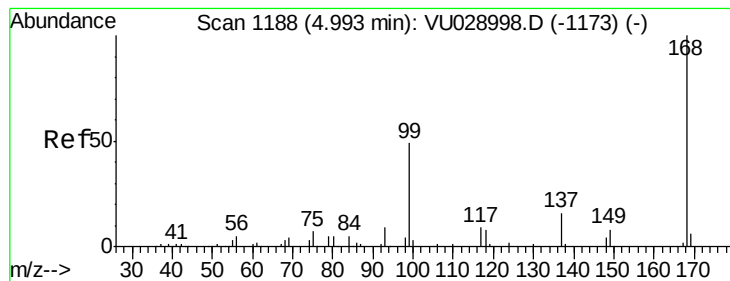
Tgt Ion: 76 Resp: 858

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#





#31

Cyclohexane

Concen: Below Cal

RT: 4.99 min Scan# 1186

Delta R.T. -0.01 min

Lab File: VU029023.D

Acq: 04 Jan 2019 13:26

Instrument :

MSVOA_U

ClientSampleId :

VU0105WBL01

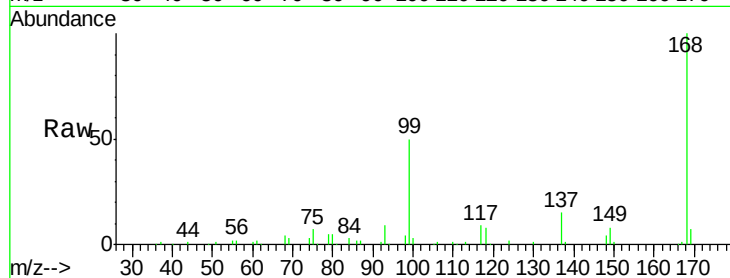
Tot Ion: 56 Resp: 2088

Ion Ratio Lower Upper

56 100

69 177.4 26.7 40.1#

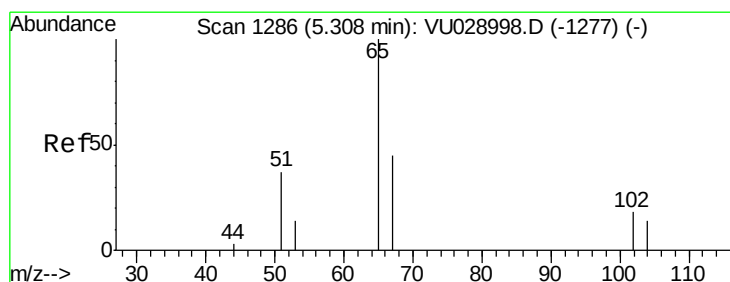
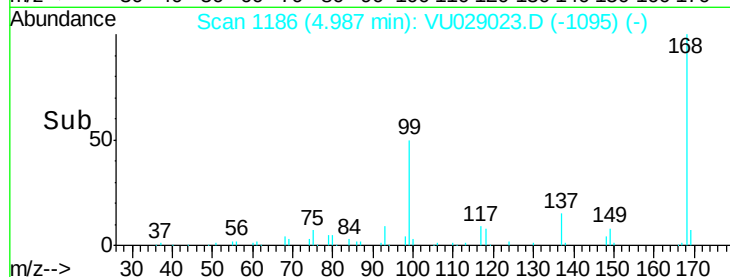
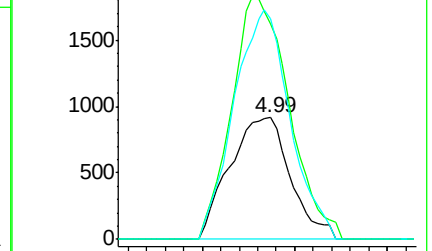
84 181.4 65.7 98.5#



Abundance Ion 56.00 (55.70 to 56.70): VU028998.D (-1173) (-)

Ion 69.00 (68.70 to 69.70): VU028998.D (-1173) (-)

Ion 84.00 (83.70 to 84.70): VU028998.D (-1173) (-)



#33

1,2-Dichloroethane-d4

Concen: 52.492 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. 0.00 min

Lab File: VU029023.D

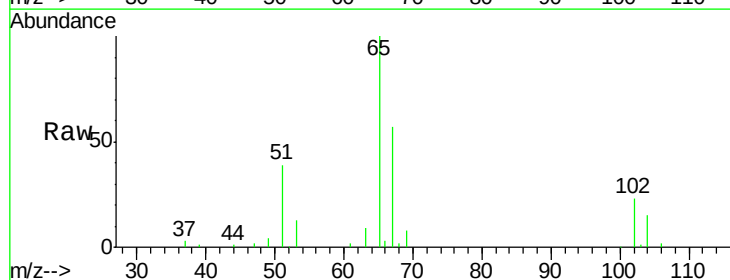
Acq: 04 Jan 2019 13:26

Tgt Ion: 65 Resp: 72766

Ion Ratio Lower Upper

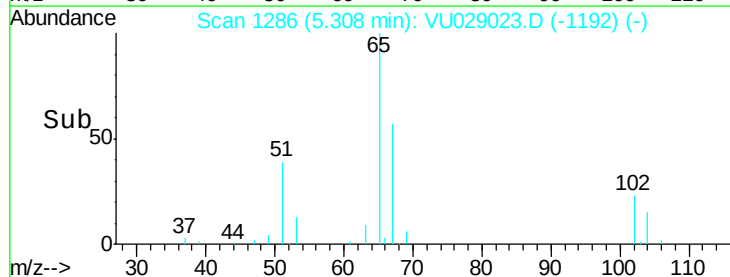
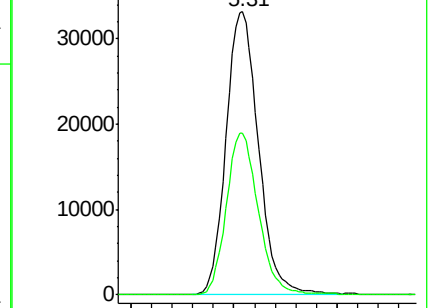
65 100

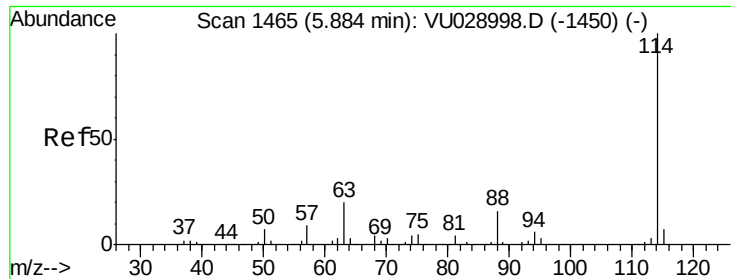
67 56.5 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VU028998.D (-1277) (-)

Ion 66.90 (66.60 to 67.60): VU028998.D (-1277) (-)

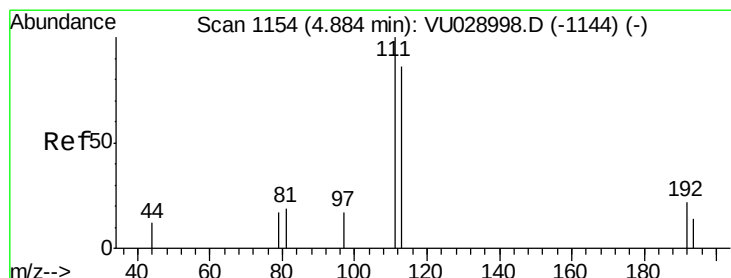
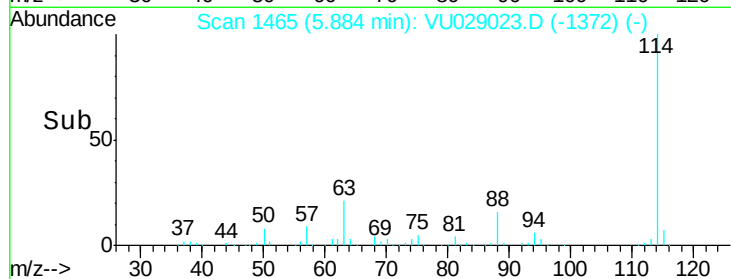
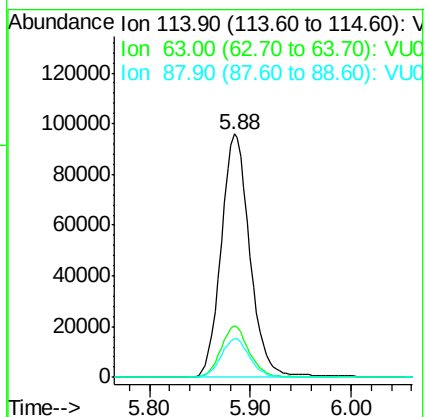
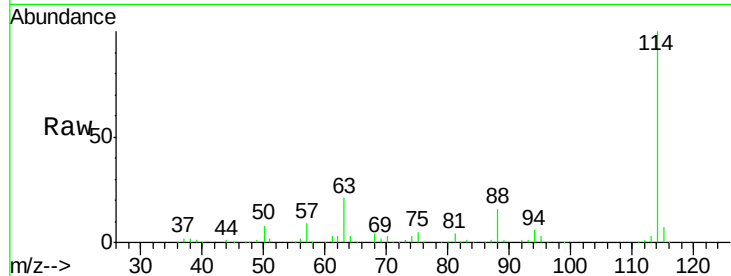




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: VU029023.D
 Acq: 04 Jan 2019 13:26

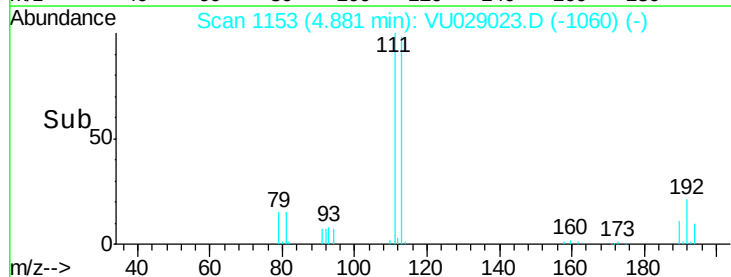
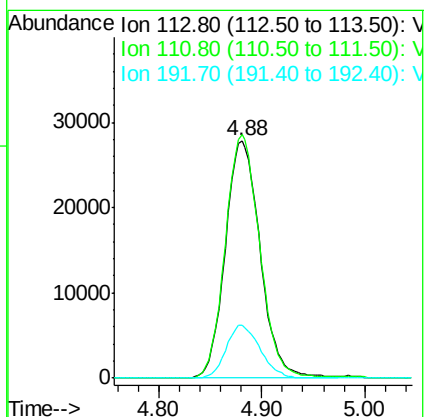
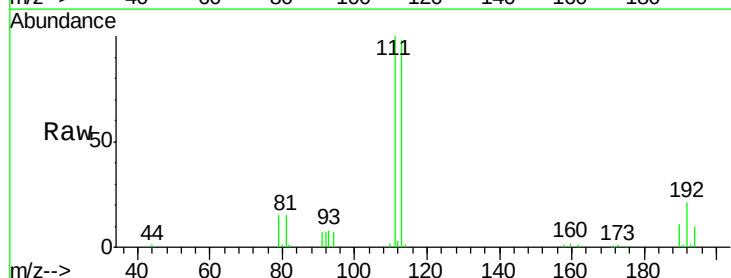
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0105WBL01

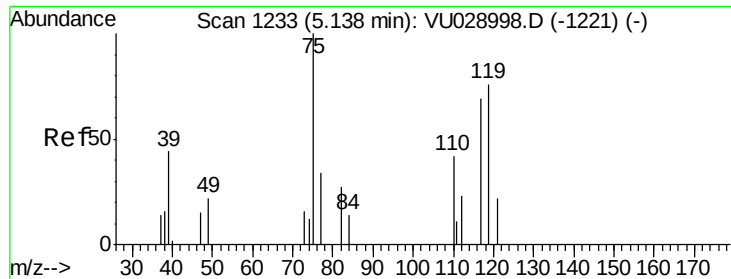
Tot Ion:114 Resp: 190712
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 40.2
 88 15.9 0.0 30.4



#35
 Dibromofluoromethane
 Concen: 52.995 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: VU029023.D
 Acq: 04 Jan 2019 13:26

Tgt Ion:113 Resp: 65515
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.4 122.2
 192 21.5 16.8 25.2

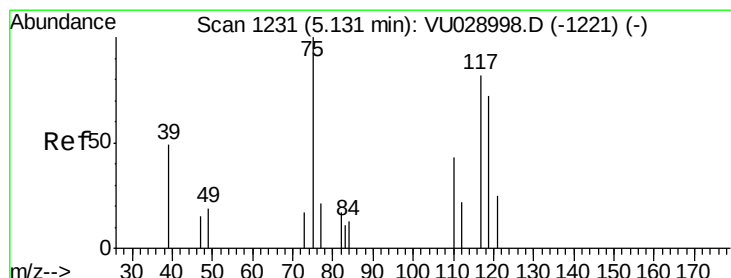
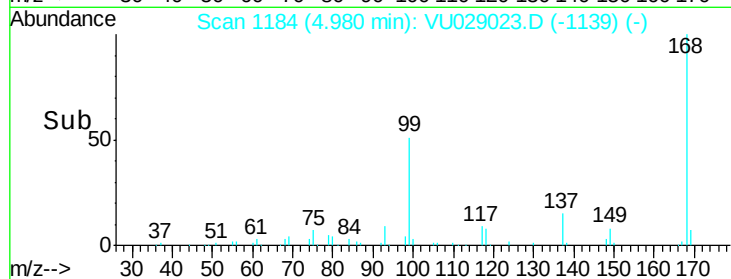
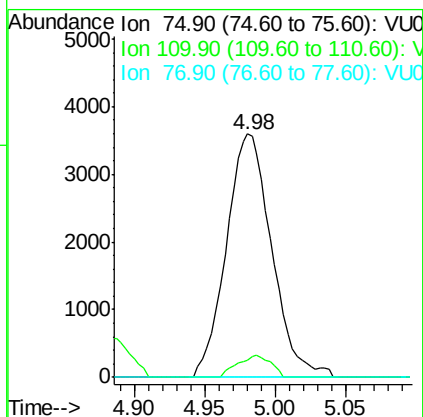
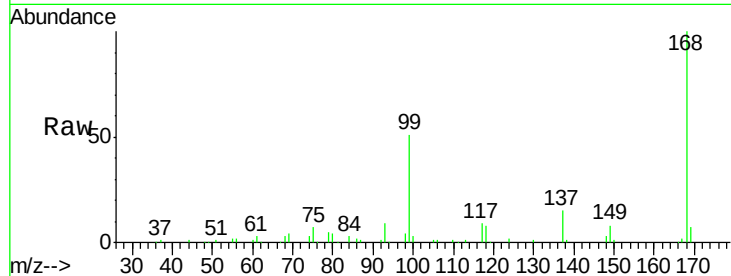




#36
 1,1-Dichloropropene
 Concen: 4.239 ug/l
 RT: 4.98 min Scan# 1184
 Delta R.T. -0.15 min
 Lab File: VU029023.D
 Acq: 04 Jan 2019 13:26

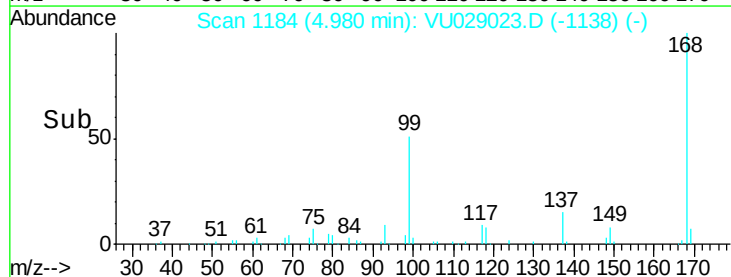
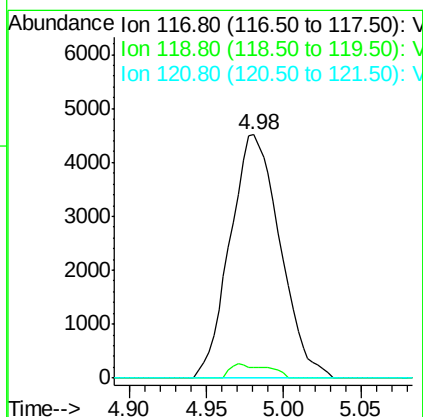
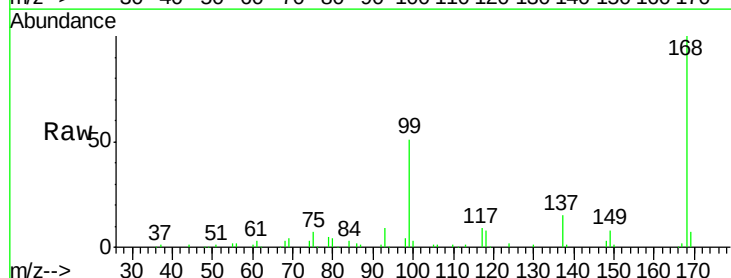
Instrument :
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 ClientSampleId :
 VU0105WBL01

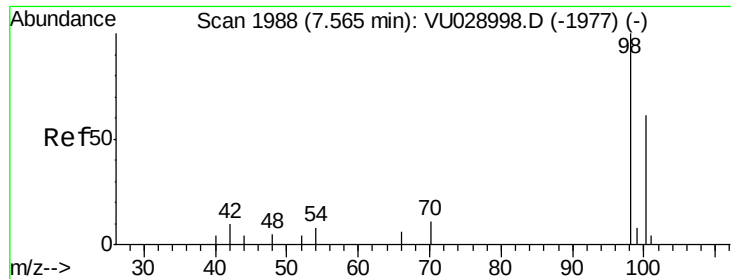
Tot Ion	75	Resp	8081
Ion Ratio	Lower	Upper	
75	100		
110	6.7	18.4	55.4#
77	0.0	25.1	37.7#



#38
 Carbon Tetrachloride
 Concen: 6.381 ug/l
 RT: 4.98 min Scan# 1184
 Delta R.T. -0.15 min
 Lab File: VU029023.D
 Acq: 04 Jan 2019 13:26

Tgt Ion	117	Resp	10145
Ion Ratio	Lower	Upper	
117	100		
119	4.2	74.6	111.8#
121	0.0	25.0	37.6#

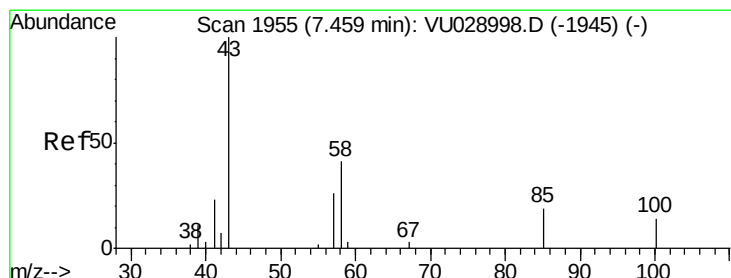
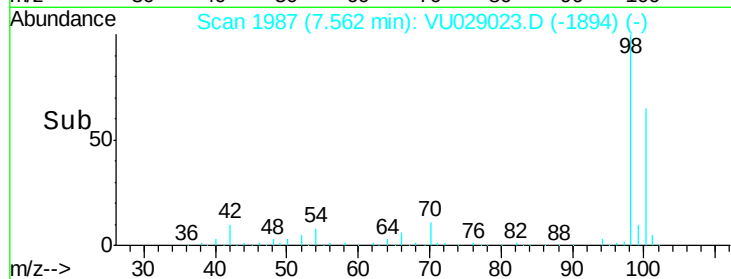
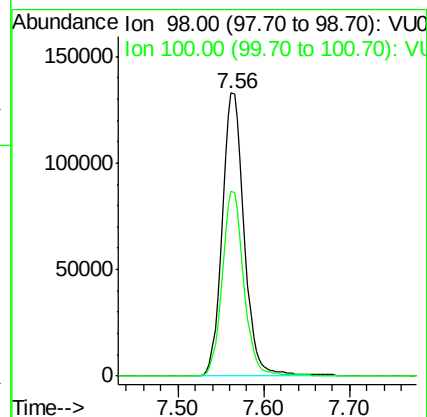
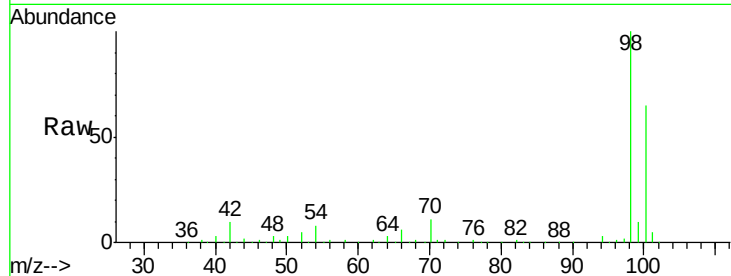




#50
Toluene-d8
Concen: 48.496 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VU029023.D
Acq: 04 Jan 2019 13:26

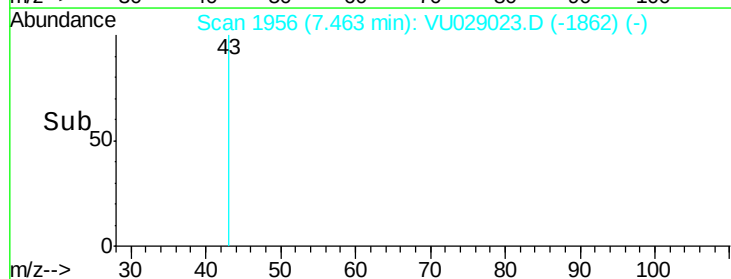
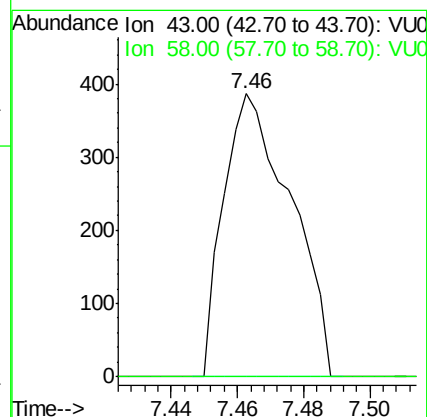
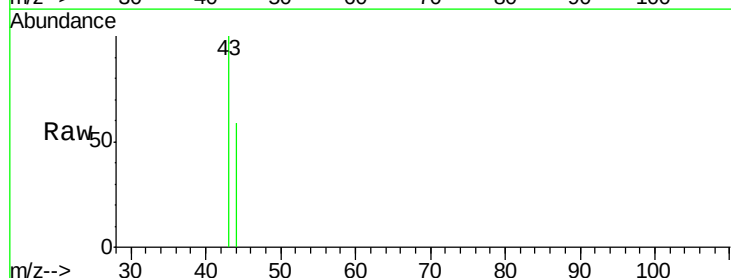
Instrument :
MSVOA_U
ClientSampleId :
VU0105WBL01

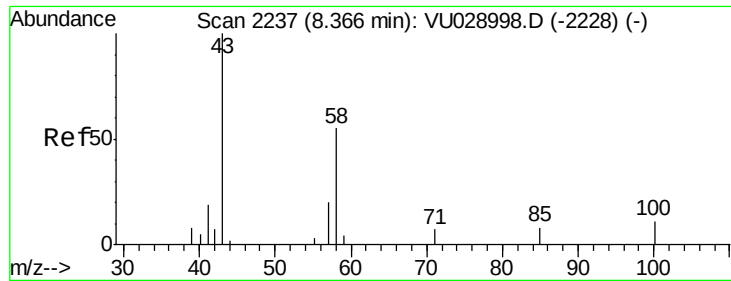
Tot Ion: 98 Resp: 236686
Ion Ratio Lower Upper
98 100
100 63.6 51.6 77.4



#51
4-Methyl-2-Pentanone
Concen: 0.249 ug/l
RT: 7.46 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VU029023.D
Acq: 04 Jan 2019 13:26

Tgt Ion: 43 Resp: 545
Ion Ratio Lower Upper
43 100
58 0.0 33.9 50.9#

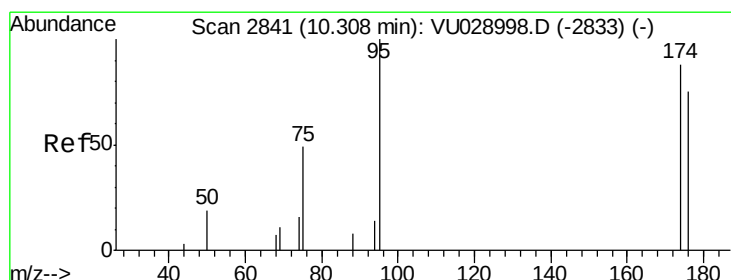
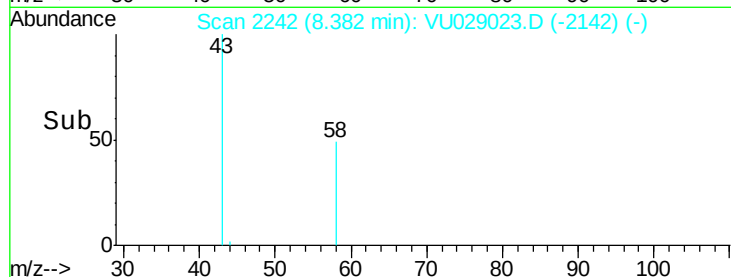
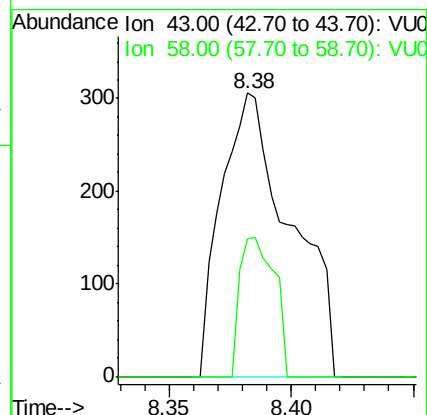
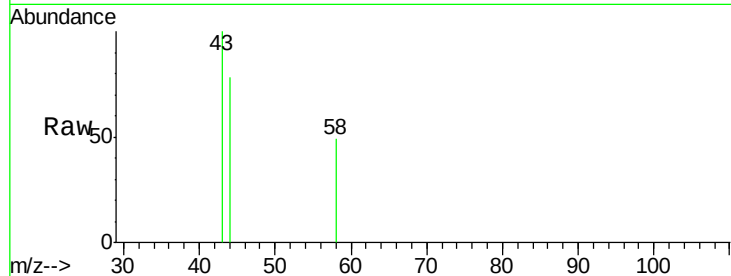




#59
2-Hexanone
Concen: 0.351 ug/l
RT: 8.38 min Scan# 2242
Delta R.T. 0.02 min
Lab File: VU029023.D
Acq: 04 Jan 2019 13:26

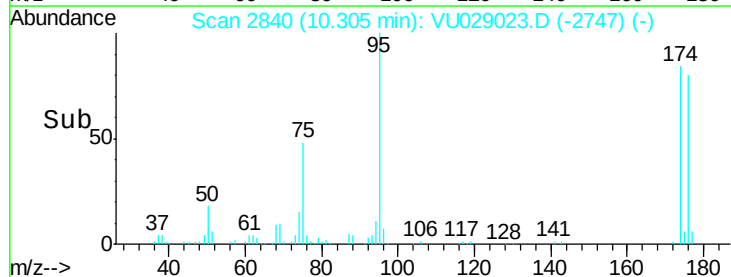
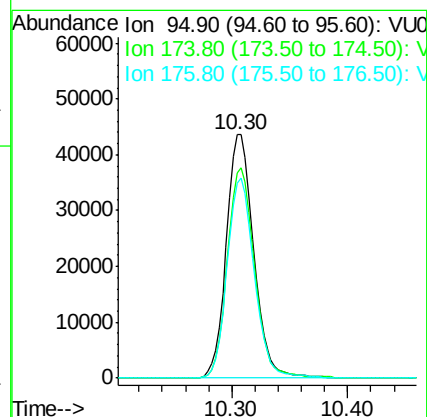
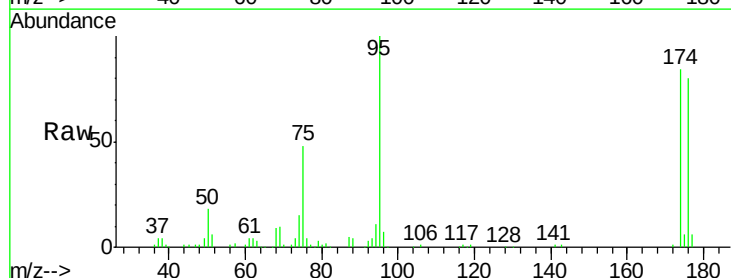
Instrument :
MSVOA_U
ClientSampleId :
VU0105WBL01

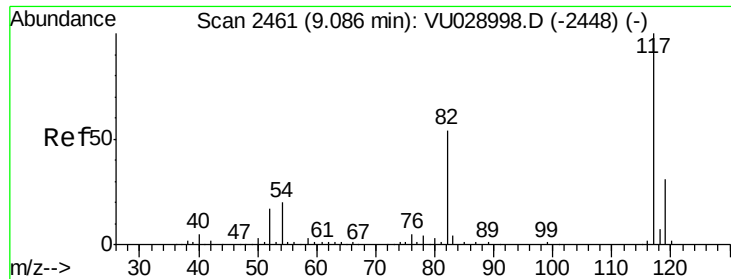
Tot Ion: 43 Resp: 602
Ion Ratio Lower Upper
43 100
58 24.4 29.8 89.4#



#62
4-Bromofluorobenzene
Concen: 40.647 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VU029023.D
Acq: 04 Jan 2019 13:26

Tgt Ion: 95 Resp: 71295
Ion Ratio Lower Upper
95 100
174 85.5 0.0 170.6
176 81.4 0.0 165.0

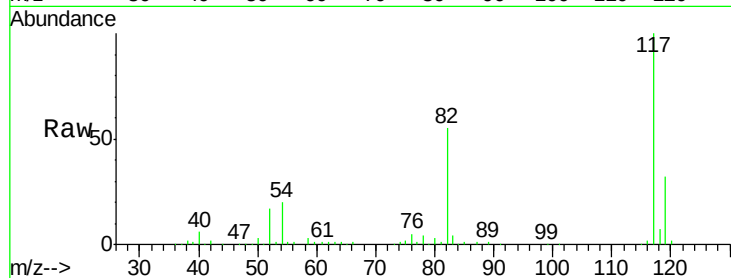




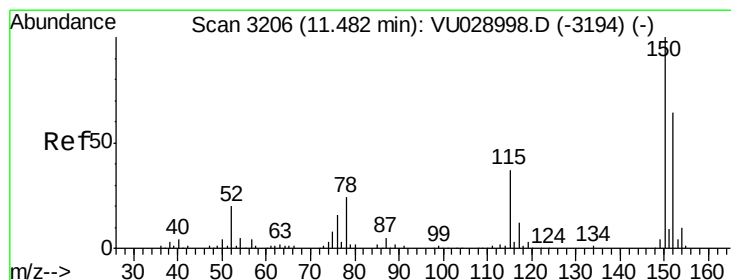
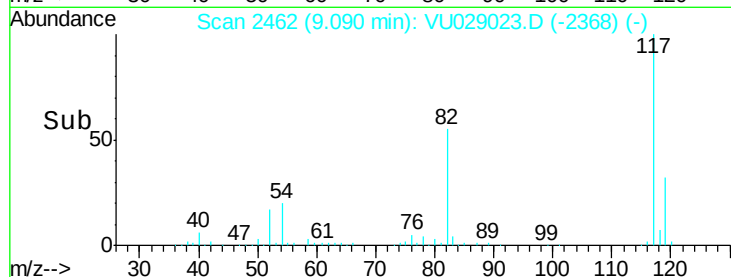
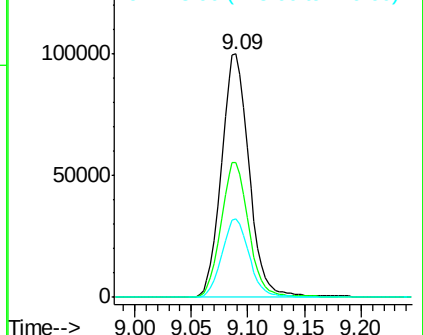
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 9.09 min Scan# 2462
 Delta R.T. 0.00 min
 Lab File: VU029023.D
 Acq: 04 Jan 2019 13:26

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0105WBL01

Tot Ion:117 Resp: 170753
 Ion Ratio Lower Upper
 117 100
 82 55.2 43.9 65.9
 119 32.3 26.0 39.0

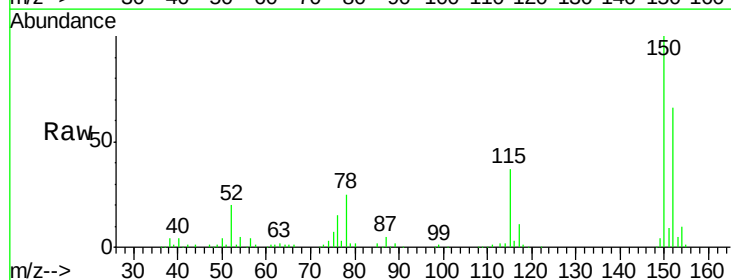


Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 82.00 (81.70 to 82.70): VU0
 Ion 118.90 (118.60 to 119.60): V

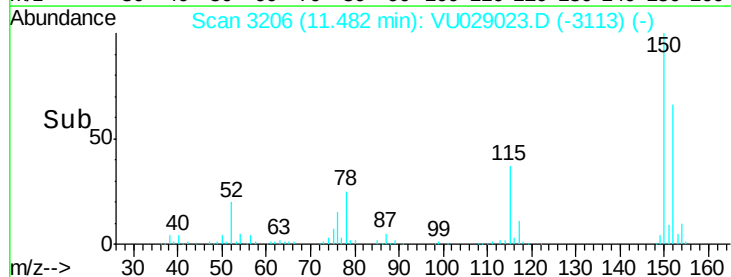
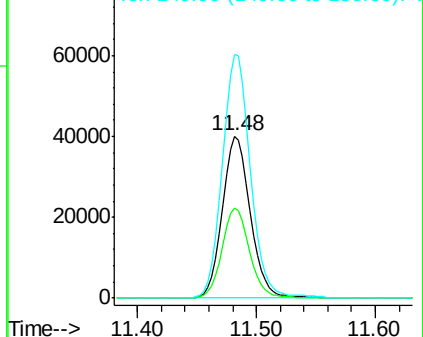


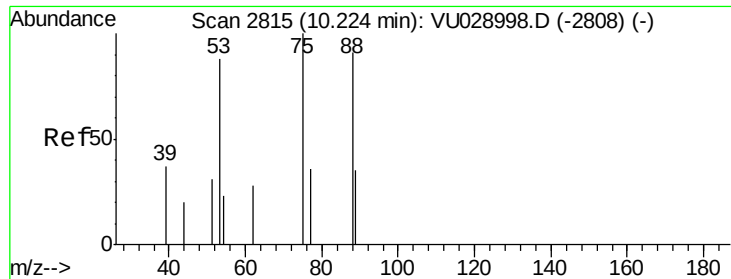
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.48 min Scan# 3206
 Delta R.T. 0.00 min
 Lab File: VU029023.D
 Acq: 04 Jan 2019 13:26

Tgt Ion:152 Resp: 65186
 Ion Ratio Lower Upper
 152 100
 115 55.0 40.1 120.3
 150 151.3 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: 21.318 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.18 min

Lab File: VU029023.D

Acq: 04 Jan 2019 13:26

Instrument :

MSVOA_U

ClientSampleId :

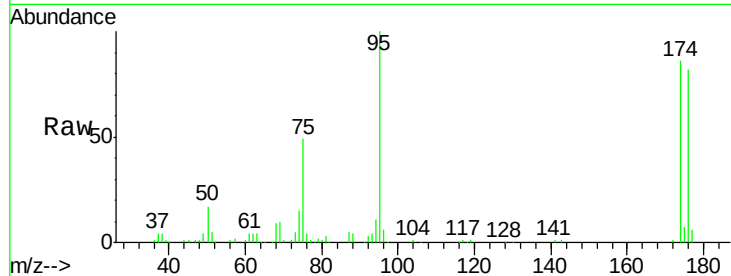
VU0105WBL01

Tot Ion: 75 Resp: 34049

Ion Ratio Lower Upper

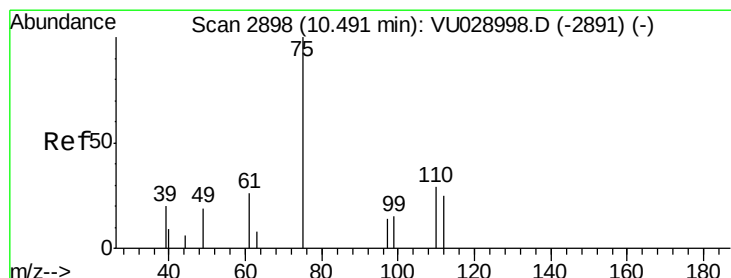
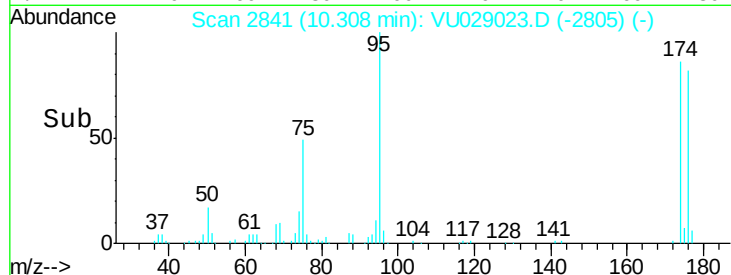
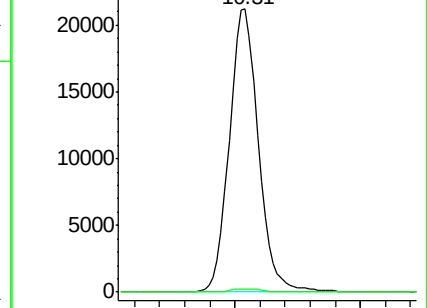
75 100

77 0.6 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: 54.981 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.20 min

Lab File: VU029023.D

Acq: 04 Jan 2019 13:26

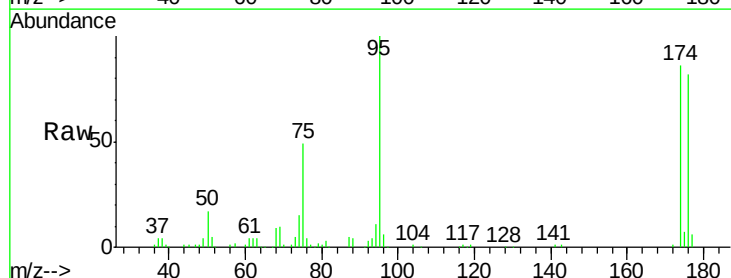
Tgt Ion: 75 Resp: 34049

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

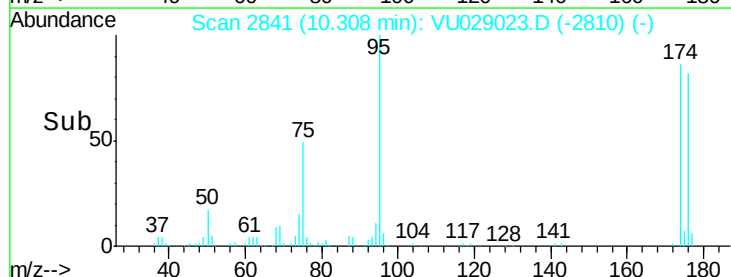
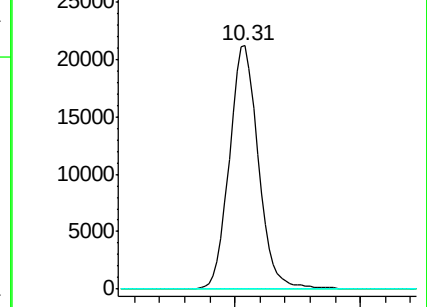
89 0.0 0.0 0.0

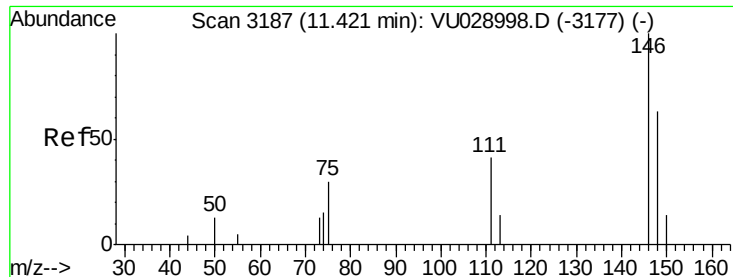


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0

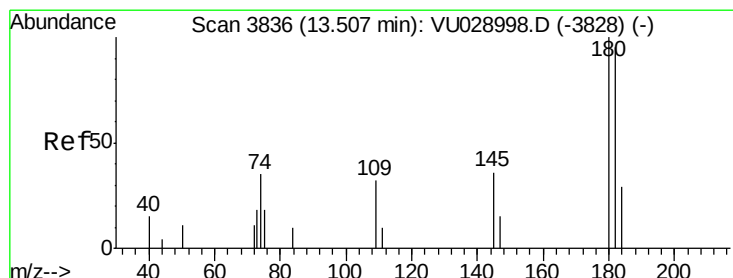
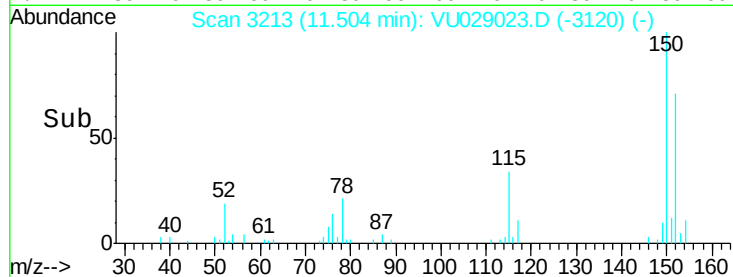
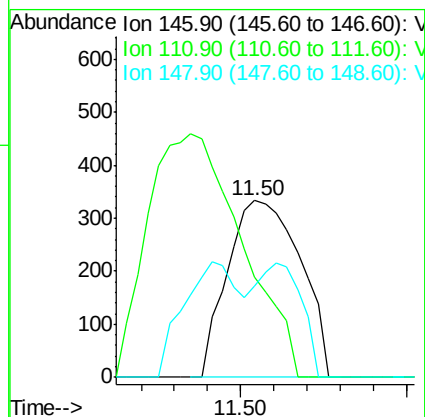
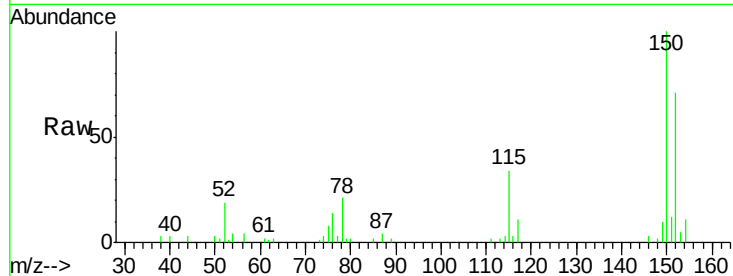




#88
 1,4-Dichlorobenzene
 Concen: 0.214 ug/l
 RT: 11.50 min Scan# 3213
 Delta R.T. 0.00 min
 Lab File: VU029023.D
 Acq: 04 Jan 2019 13:26

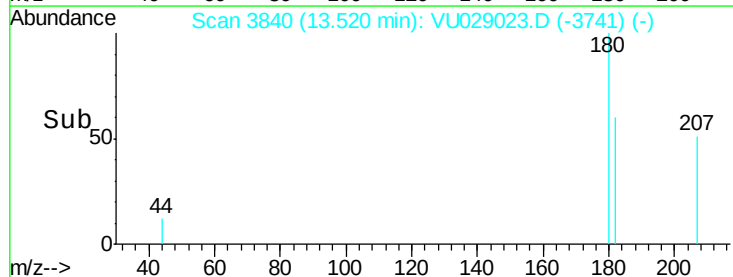
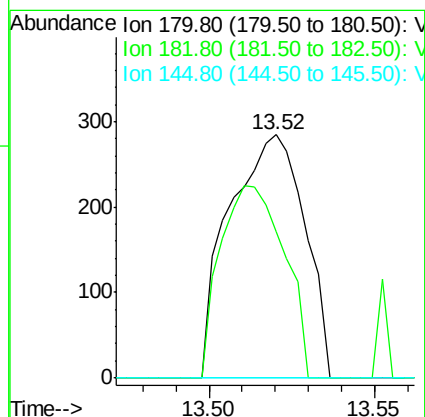
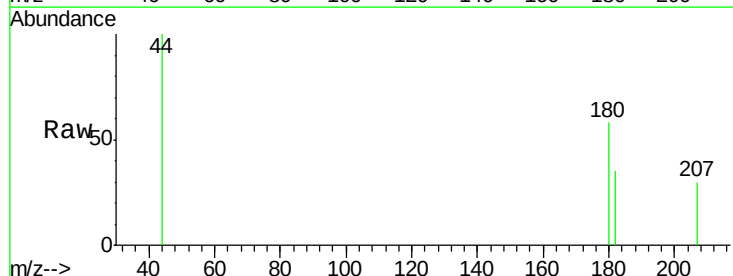
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0105WBL01

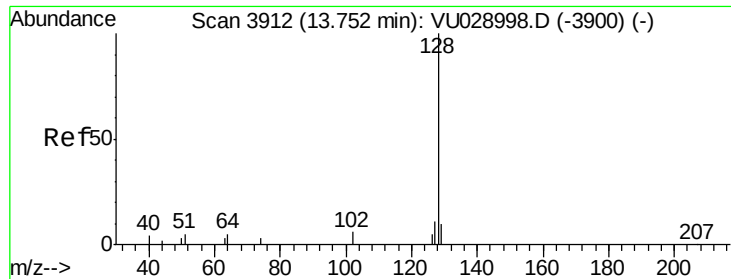
Tot Ion:146 Resp: 510
 Ion Ratio Lower Upper
 146 100
 111 0.0 19.1 57.3#
 148 40.6 32.6 98.0



#93
 1,2,4-Trichlorobenzene
 Concen: 0.303 ug/l
 RT: 13.52 min Scan# 3840
 Delta R.T. 0.02 min
 Lab File: VU029023.D
 Acq: 04 Jan 2019 13:26

Tgt Ion:180 Resp: 449
 Ion Ratio Lower Upper
 180 100
 182 66.8 47.5 142.6
 145 0.0 14.0 42.0#

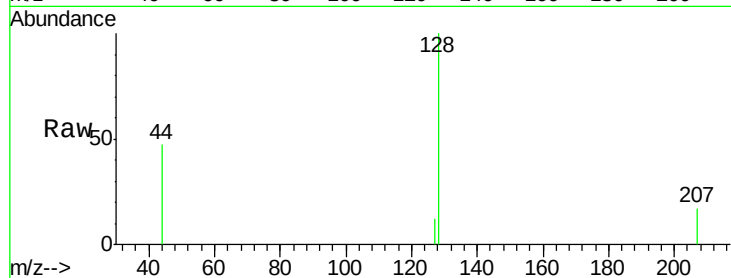




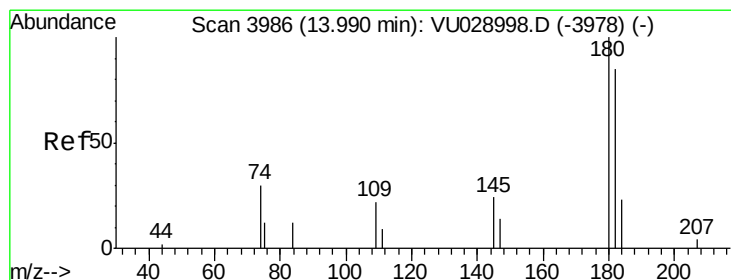
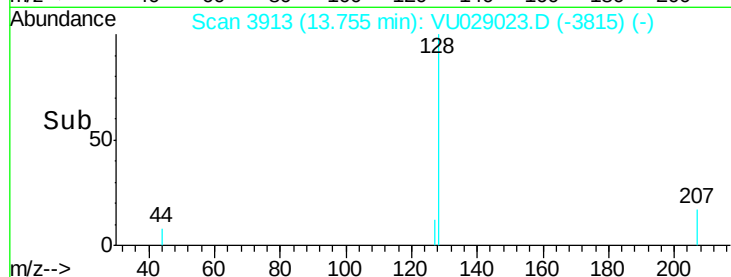
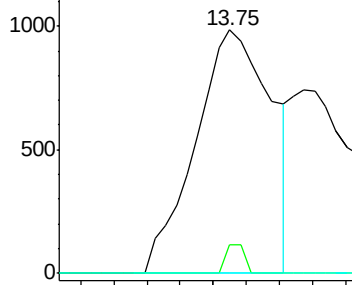
#95
Naphthalene
Concen: 0.312 ug/l
RT: 13.75 min Scan# 3913
Delta R.T. 0.02 min
Lab File: VU029023.D
Acq: 04 Jan 2019 13:26

Instrument :
MSVOA_U
ClientSampleId :
VU0105WBL01

Tot Ion:128 Resp: 1573
Ion Ratio Lower Upper
128 100
127 2.9 10.1 15.1#
129 0.0 8.5 12.7#

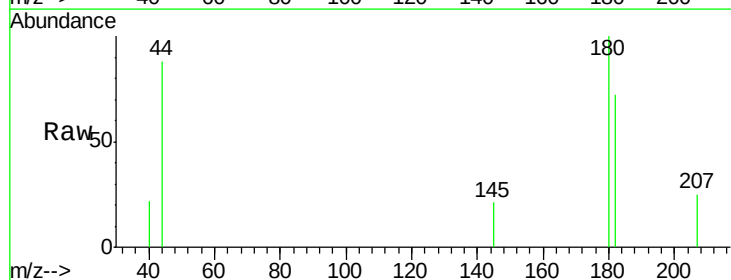


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 1.425 ug/l
RT: 14.00 min Scan# 3988
Delta R.T. 0.01 min
Lab File: VU029023.D
Acq: 04 Jan 2019 13:26

Tgt Ion:180 Resp: 1007
Ion Ratio Lower Upper
180 100
182 74.5 48.1 144.3
145 8.9 14.8 44.4#



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

