

Data Path : Z:\HPCHEM1\MSVOA_U\DATA\VU011019\
 Data File : VU029124.D
 Acq On : 10 Jan 2019 17:54
 Operator : MD/SY
 Sample : K1123-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TB

Quant Time: Jan 11 02:48:36 2019
 Quant Method : Z:\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	131846	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	225961	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	202743	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	81166	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.30	65	86911	53.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.64%	
35) Dibromofluoromethane	4.88	113	75328	51.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.86%	
50) Toluene-d8	7.56	98	282022	48.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.54%	
62) 4-Bromofluorobenzene	10.30	95	89084	42.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.74%	

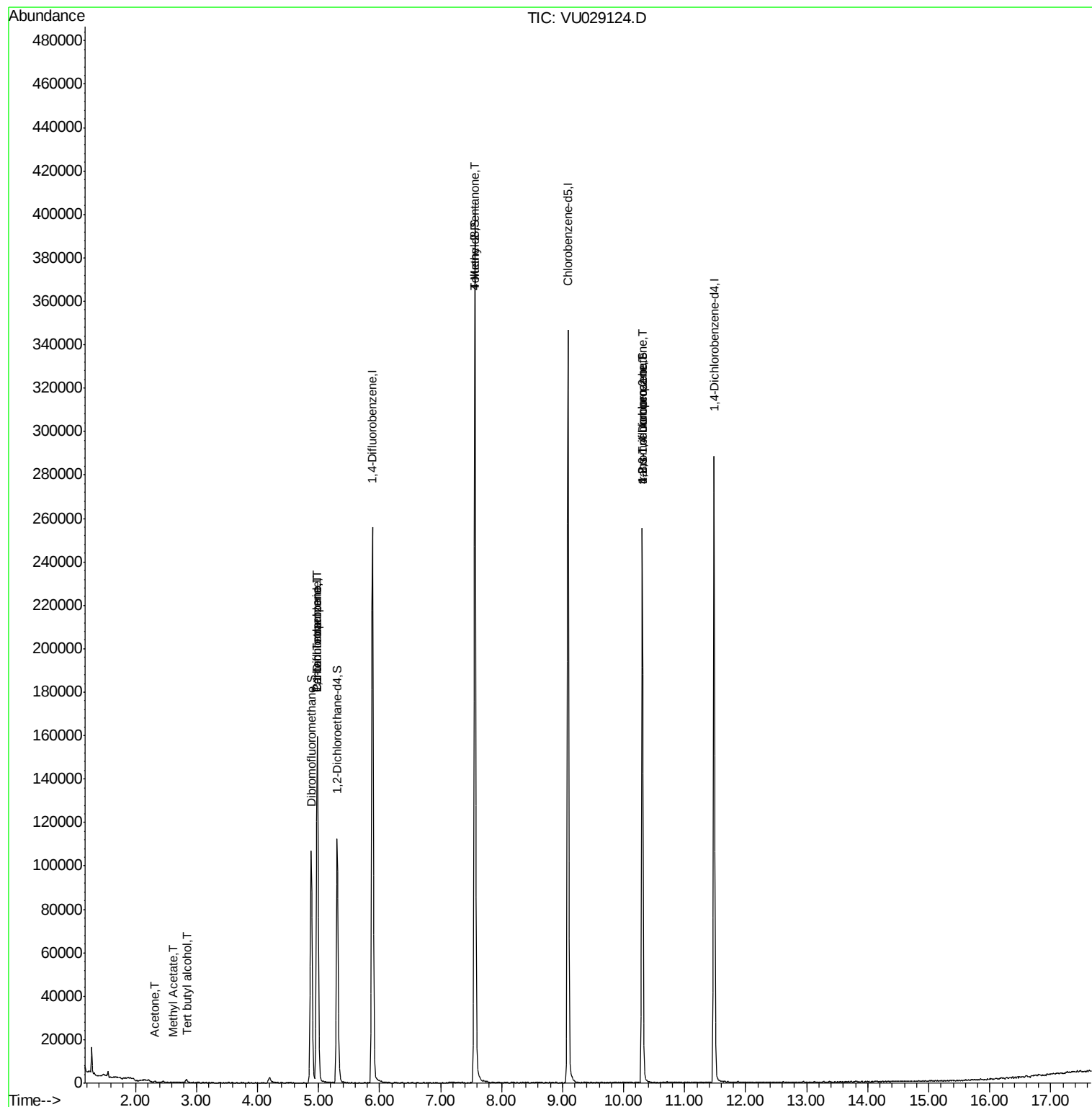
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	723	Below Cal	#	82
5) Bromomethane	1.55	94	64	Below Cal	#	2
11) Tert butyl alcohol	2.83	59	784	1.892	ug/l #	73
16) Acetone	2.32	43	507	0.494	ug/l #	39
17) Carbon Disulfide	2.47	76	109	Below Cal	#	75
18) Methyl Acetate	2.62	43	479	0.201	ug/l #	51
31) Cyclohexane	4.98	56	2115	Below Cal	#	1
36) 1,1-Dichloropropene	4.98	75	9745	4.315	ug/l #	46
38) Carbon Tetrachloride	4.98	117	11607	6.162	ug/l #	16
51) 4-Methyl-2-Pentanone	7.57	43	1136	0.439	ug/l #	1
76) 1,2,3-Trichloropropane	10.30	75	41863	21.050	ug/l #	36
81) trans-1,4-Dichloro-2-buten	10.30	75	41863	54.290	ug/l #	100

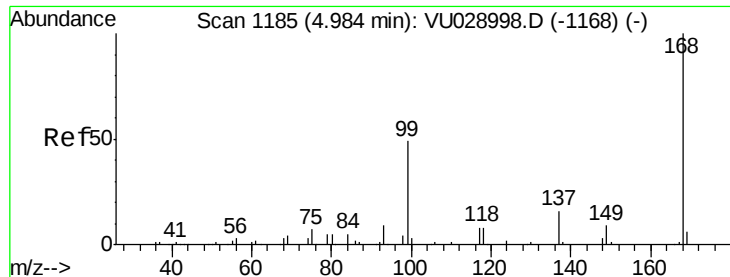
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\MSVOA_U\DATA\VU011019\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. 0.00 min

Lab File: VU029124.D

Acq: 10 Jan 2019 17:54

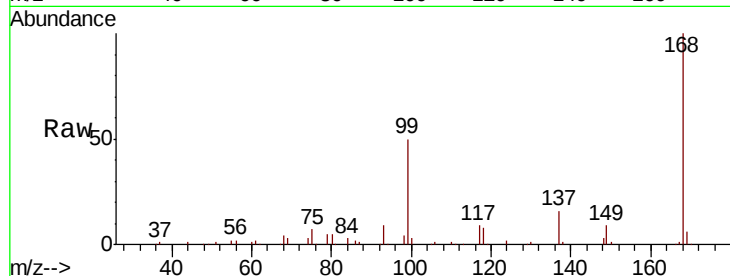
Instrument :
MSVOA_U
ClientSampled :
TB

Tgt Ion: 168 Resp: 131846

Ion Ratio Lower Upper

168 100

99 50.3 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

60000

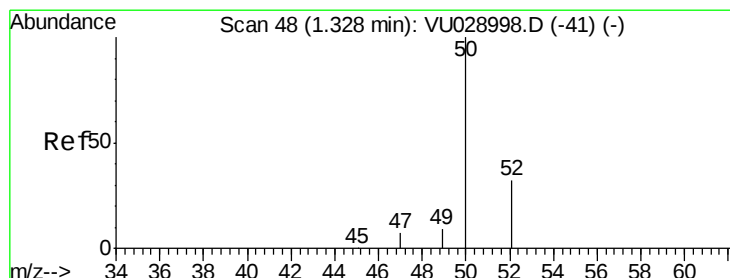
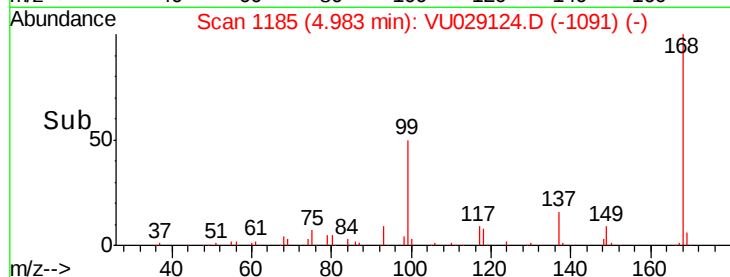
40000

20000

0

Time-->

4.90 5.00 5.10



#3

Chloromethane

Concen: Below Cal

RT: 1.33 min Scan# 48

Delta R.T. 0.00 min

Lab File: VU029124.D

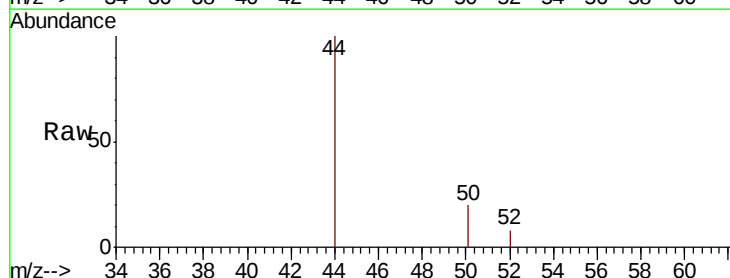
Acq: 10 Jan 2019 17:54

Tgt Ion: 50 Resp: 723

Ion Ratio Lower Upper

50 100

52 43.0 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

800

600

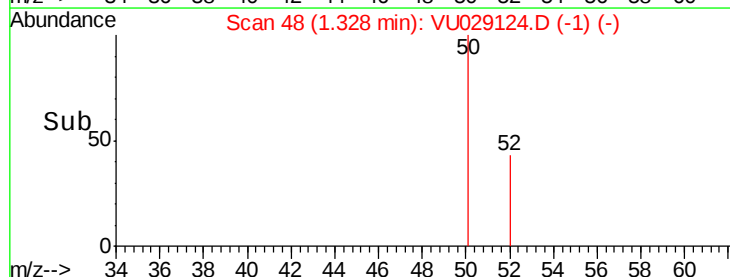
400

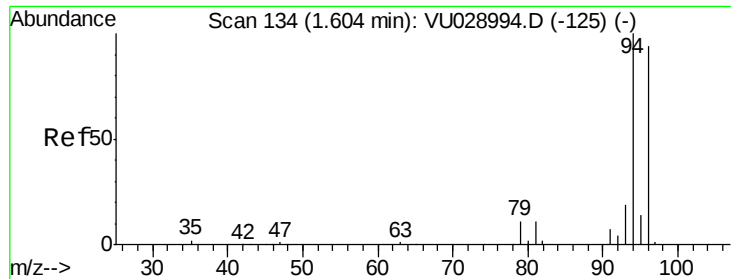
200

0

Time-->

1.30 1.32 1.34 1.36





#5

Bromomethane

Concen: Below Cal

RT: 1.55 min Scan# 116

Delta R.T. -0.06 min

Lab File: VU029124.D

Acq: 10 Jan 2019 17:54

Instrument :

MSVOA_U

ClientSampleId :

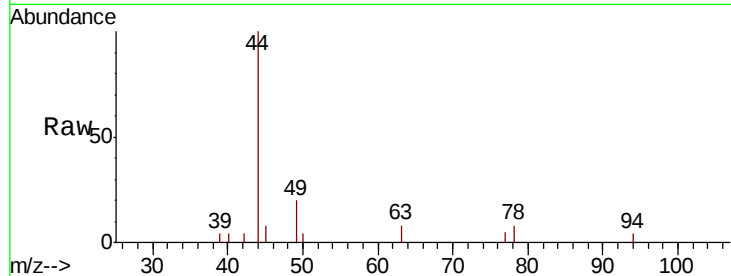
TB

Tgt Ion: 94 Resp: 64

Ion Ratio Lower Upper

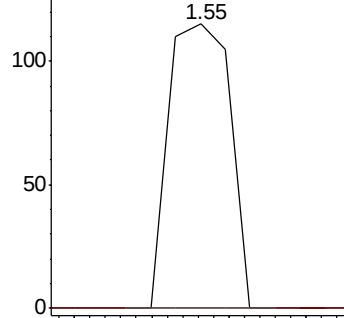
94 100

96 0.0 75.5 113.3#

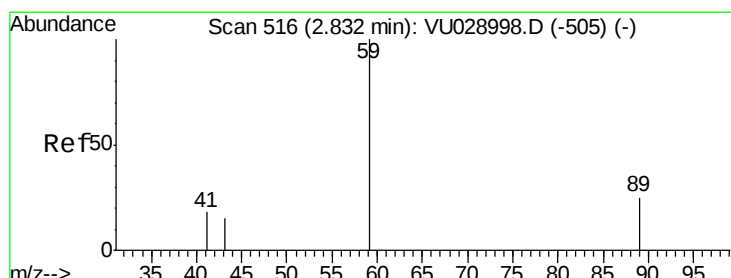
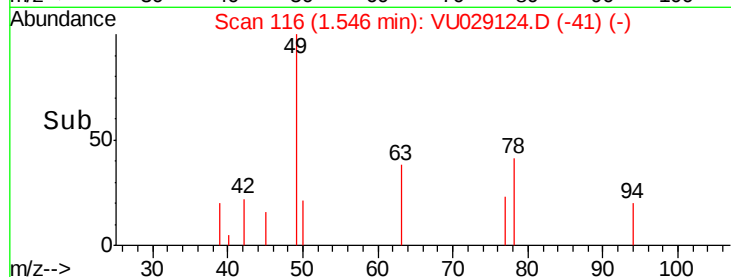


Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



Time-->



#11

Tert butyl alcohol

Concen: 1.892 ug/l

RT: 2.83 min Scan# 516

Delta R.T. 0.00 min

Lab File: VU029124.D

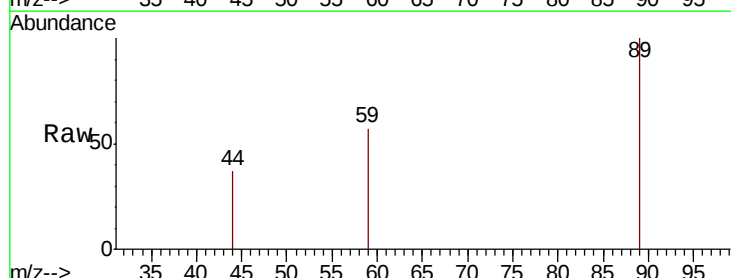
Acq: 10 Jan 2019 17:54

Tgt Ion: 59 Resp: 784

Ion Ratio Lower Upper

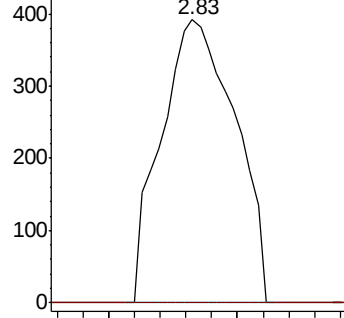
59 100

57 0.0 7.9 11.9#

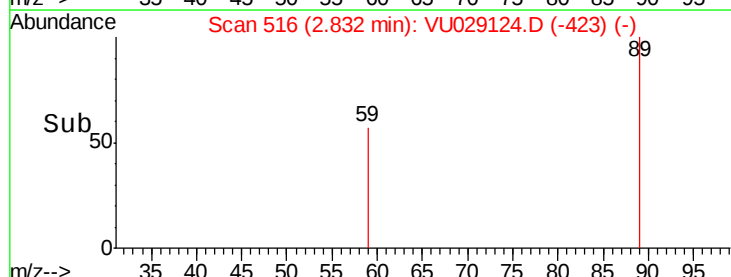


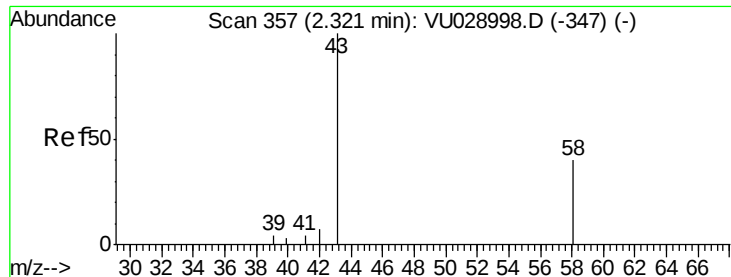
Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0



Time-->





#16

Acetone

Concen: 0.494 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU029124.D

Acq: 10 Jan 2019 17:54

Instrument :

MSVOA_U

ClientSampleId :

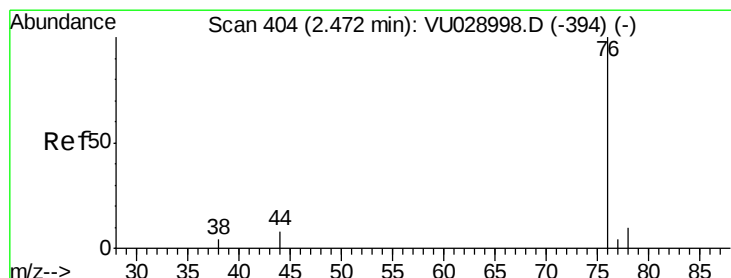
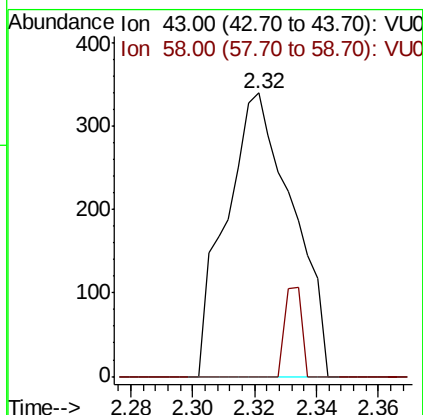
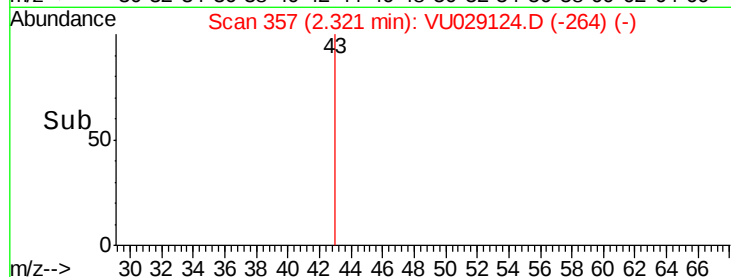
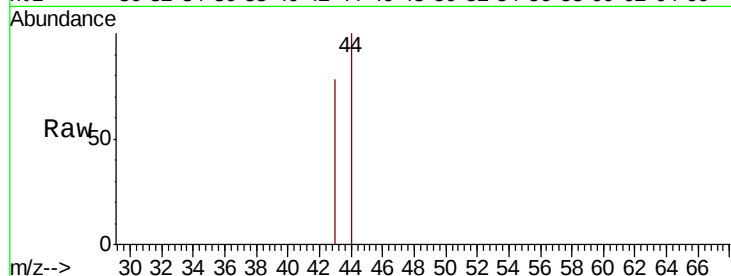
TB

Tgt Ion: 43 Resp: 507

Ion Ratio Lower Upper

43 100

58 0.0 28.6 42.8#



#17

Carbon Disulfide

Concen: Below Cal

RT: 2.47 min Scan# 404

Delta R.T. 0.00 min

Lab File: VU029124.D

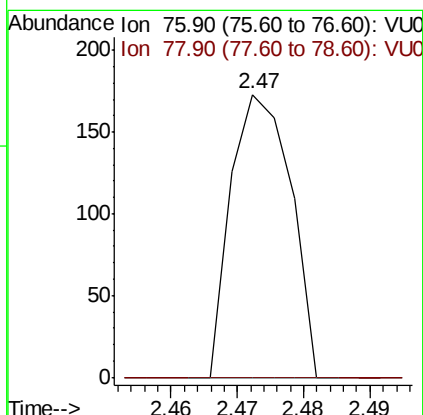
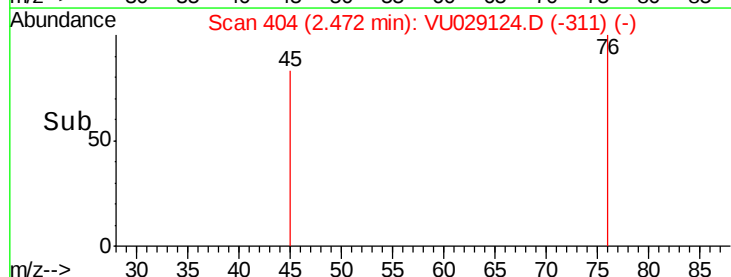
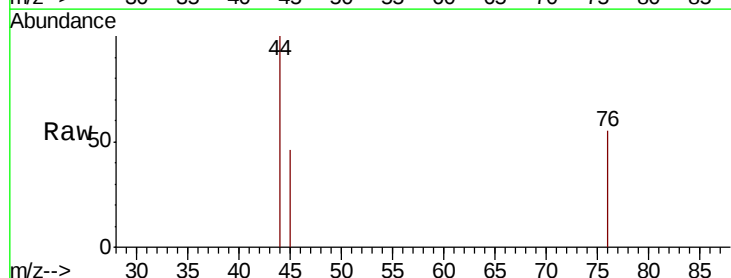
Acq: 10 Jan 2019 17:54

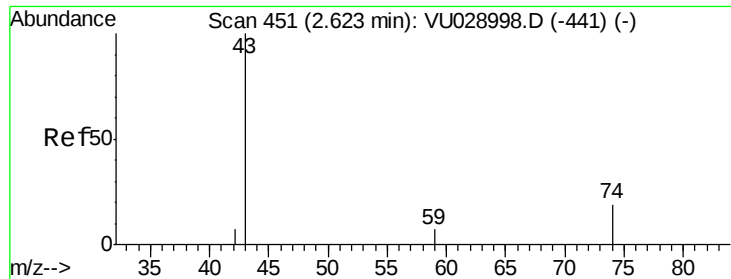
Tgt Ion: 76 Resp: 109

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#

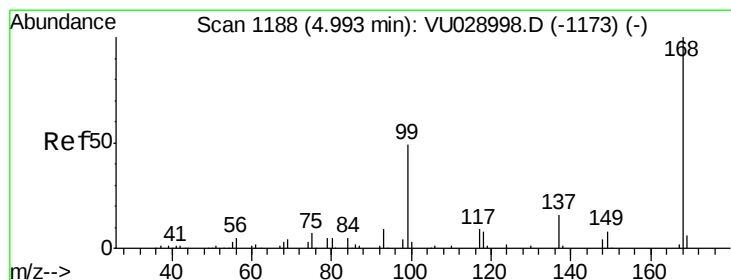
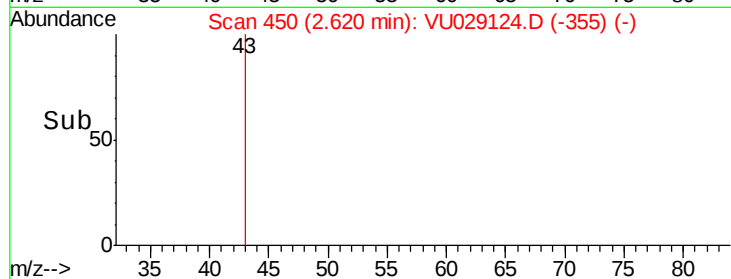
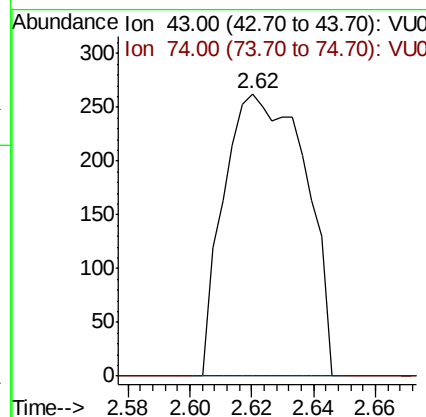
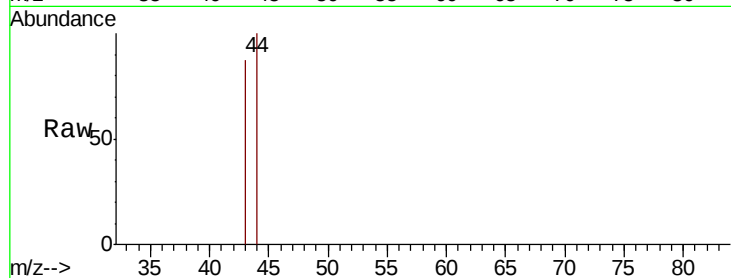




#18
Methyl Acetate
Concen: 0.201 ug/l
RT: 2.62 min Scan# 450
Delta R.T. 0.01 min
Lab File: VU029124.D
Acq: 10 Jan 2019 17:54

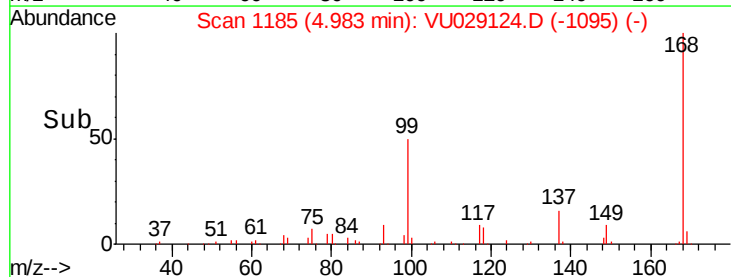
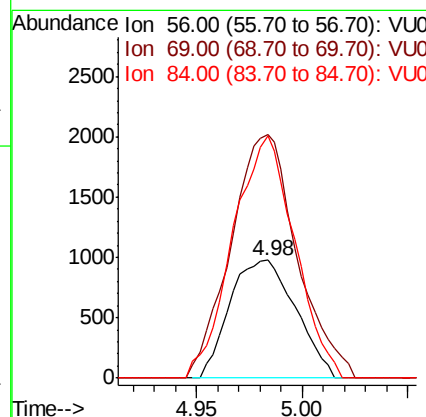
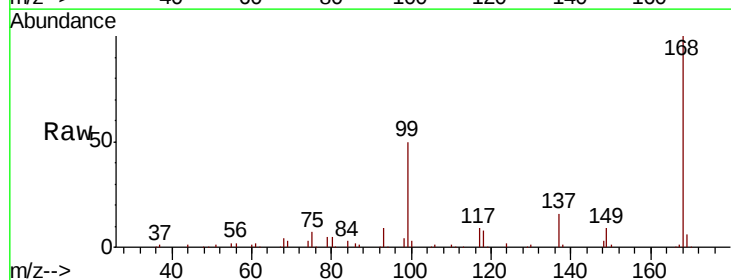
Instrument :
MSVOA_U
ClientSampleId :
TB

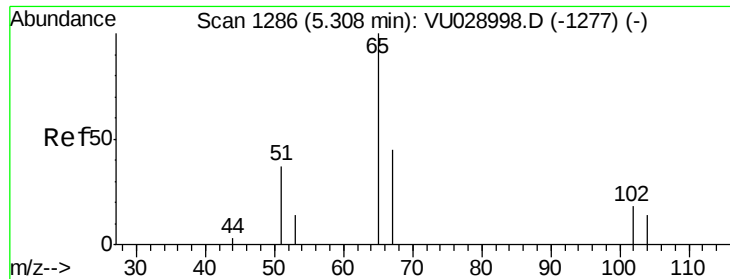
Tgt Ion: 43 Resp: 479
Ion Ratio Lower Upper
43 100
74 0.0 19.5 29.3#



#31
Cyclohexane
Concen: Below Cal
RT: 4.98 min Scan# 1185
Delta R.T. -0.01 min
Lab File: VU029124.D
Acq: 10 Jan 2019 17:54

Tgt Ion: 56 Resp: 2115
Ion Ratio Lower Upper
56 100
69 195.6 26.7 40.1#
84 205.8 65.7 98.5#

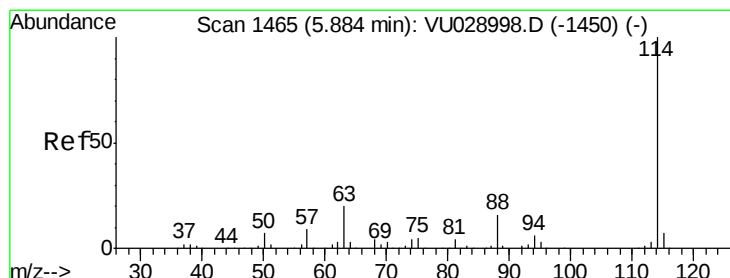
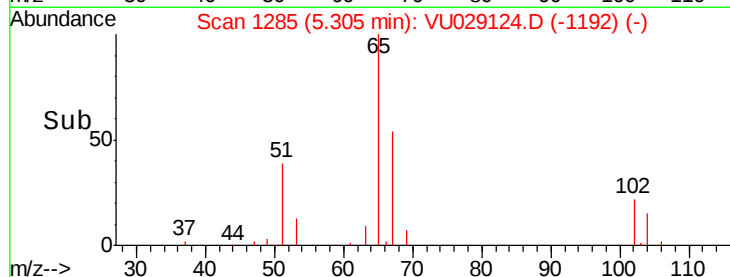
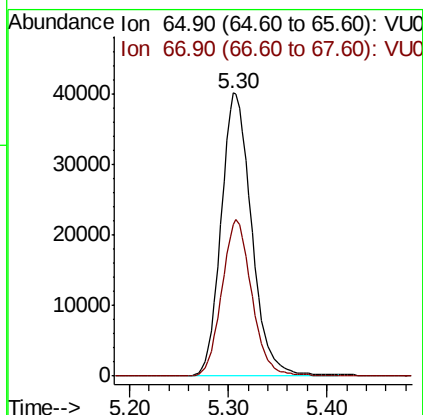
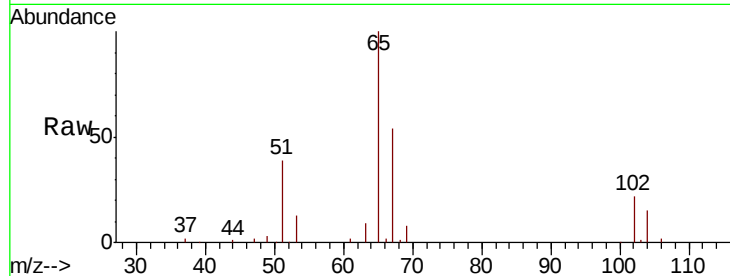




#33
 1,2-Dichloroethane-d4
 Concen: 53.324 ug/l
 RT: 5.30 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VU029124.D
 Acq: 10 Jan 2019 17:54

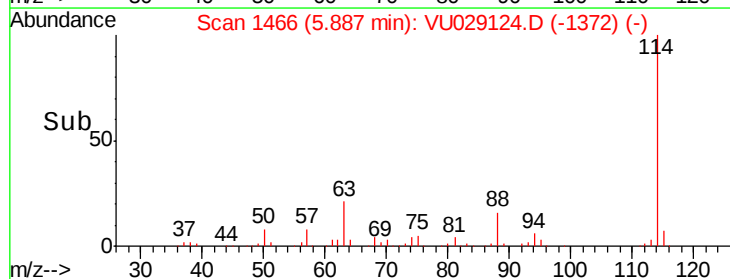
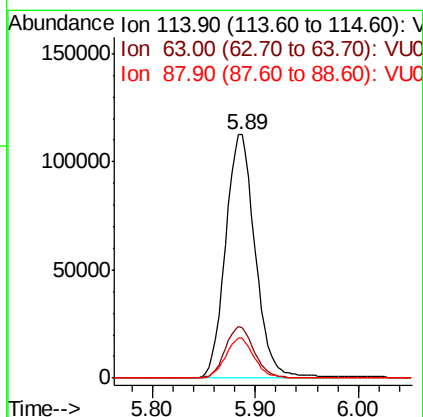
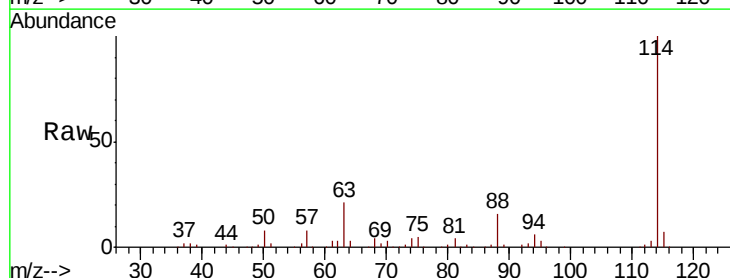
Instrument :
 MSVOA_U
 ClientSampleId :
 TB

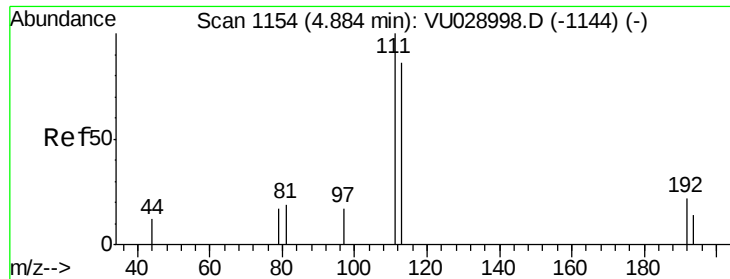
Tgt Ion: 65 Resp: 86911
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU029124.D
 Acq: 10 Jan 2019 17:54

Tgt Ion: 114 Resp: 225961
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 40.2
 88 16.3 0.0 30.4

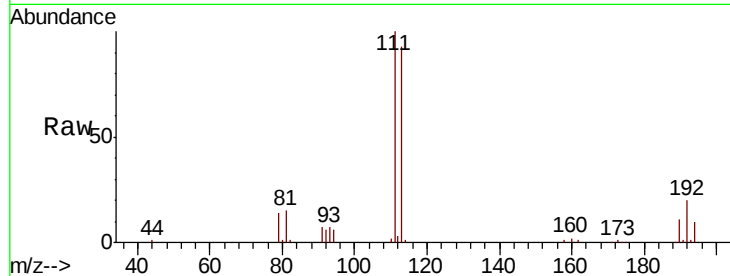




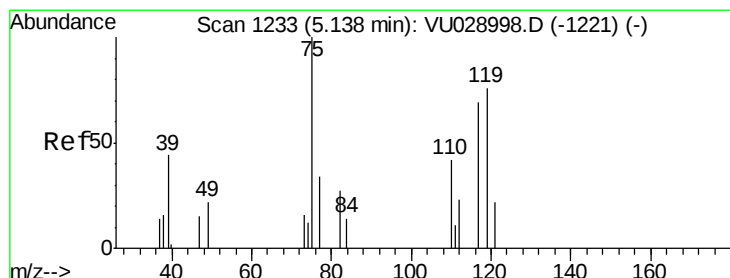
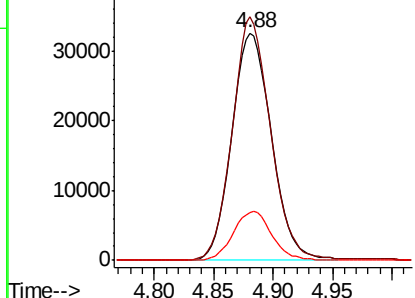
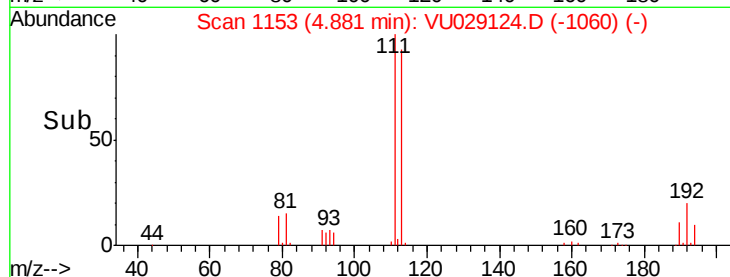
#35
 Dibromofluoromethane
 Concen: 51.427 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: VU029124.D
 Acq: 10 Jan 2019 17:54

Instrument :
 MSVOA_U
 ClientSampleId :
 TB

Tgt Ion:113 Resp: 75328
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.4 122.2
 192 20.8 16.8 25.2

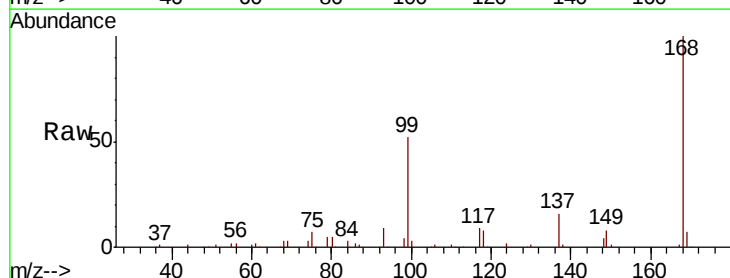


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

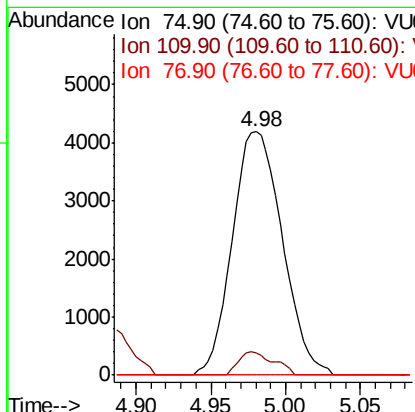
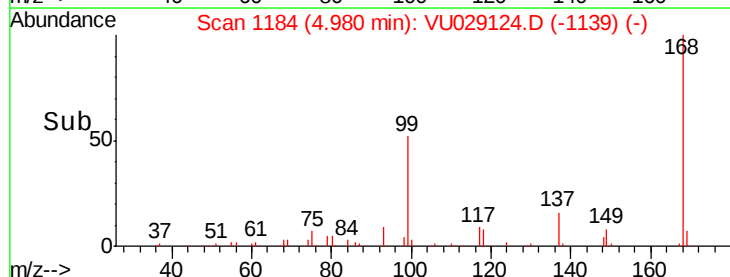


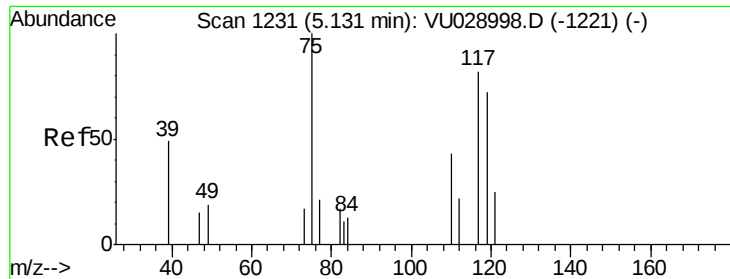
#36
 1,1-Dichloropropene
 Concen: 4.315 ug/l
 RT: 4.98 min Scan# 1184
 Delta R.T. -0.15 min
 Lab File: VU029124.D
 Acq: 10 Jan 2019 17:54

Tgt Ion: 75 Resp: 9745
 Ion Ratio Lower Upper
 75 100
 110 6.7 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

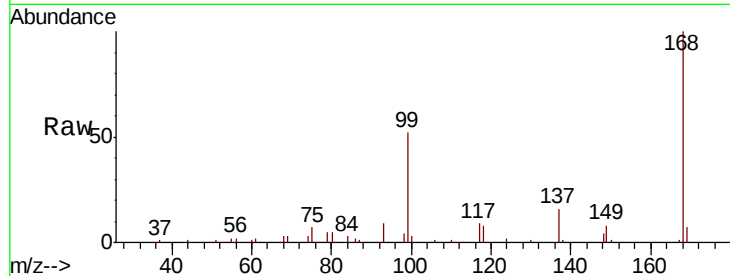




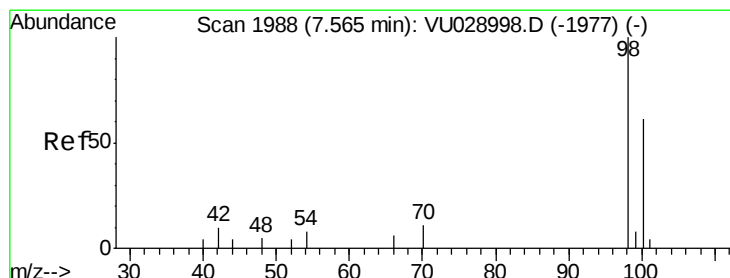
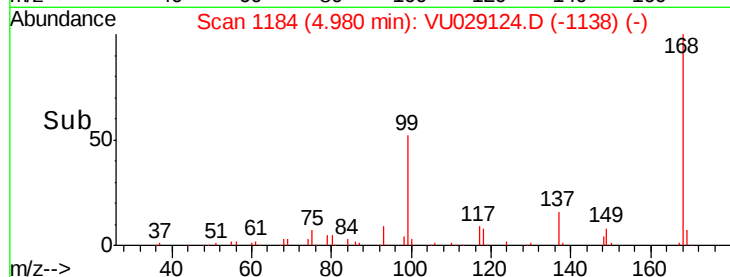
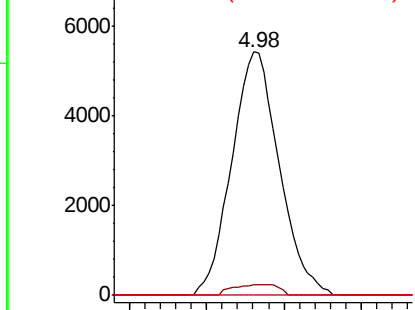
#38
Carbon Tetrachloride
Concen: 6.162 ug/l
RT: 4.98 min Scan# 1184
Delta R.T. -0.15 min
Lab File: VU029124.D
Acq: 10 Jan 2019 17:54

Instrument :
MSVOA_U
ClientSampleId :
TB

Tgt Ion: 117 Resp: 11607
Ion Ratio Lower Upper
117 100
119 4.1 74.6 111.8#
121 0.0 25.0 37.6#

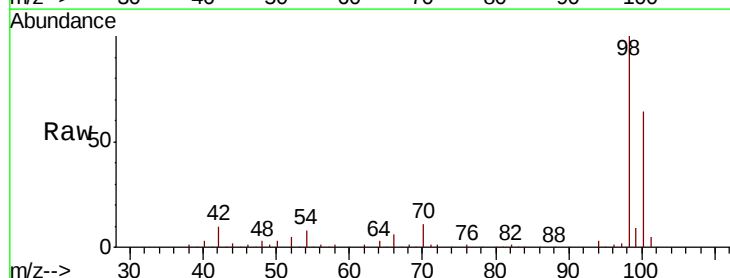


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

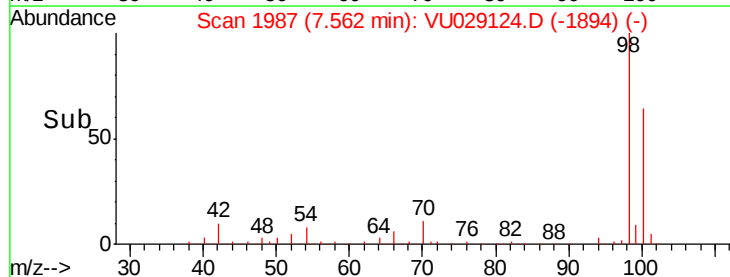
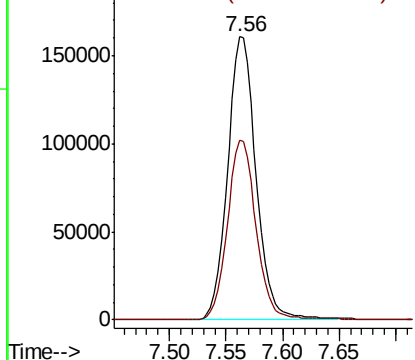


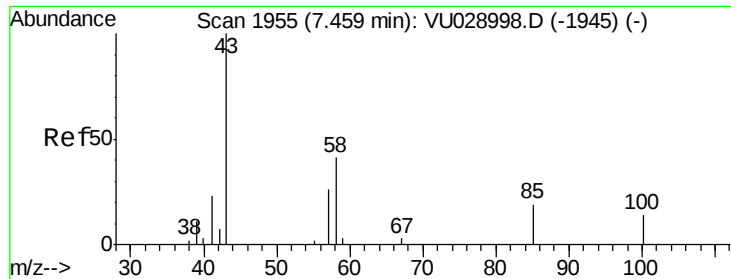
#50
Toluene-d8
Concen: 48.771 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VU029124.D
Acq: 10 Jan 2019 17:54

Tgt Ion: 98 Resp: 282022
Ion Ratio Lower Upper
98 100
100 64.4 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VU0
Ion 100.00 (99.70 to 100.70): VU

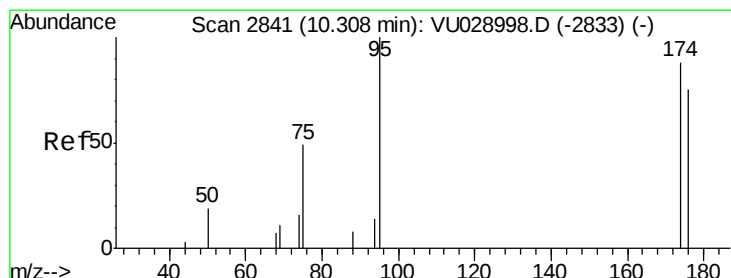
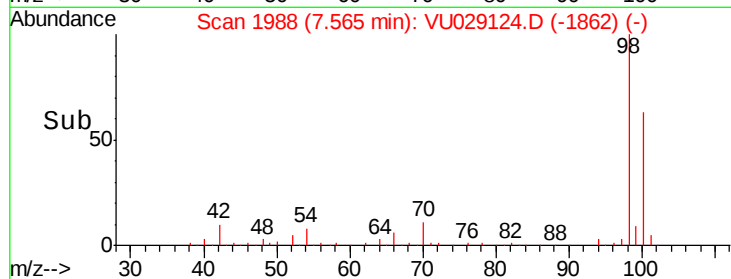
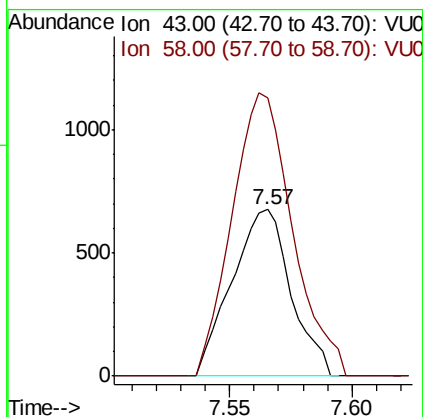
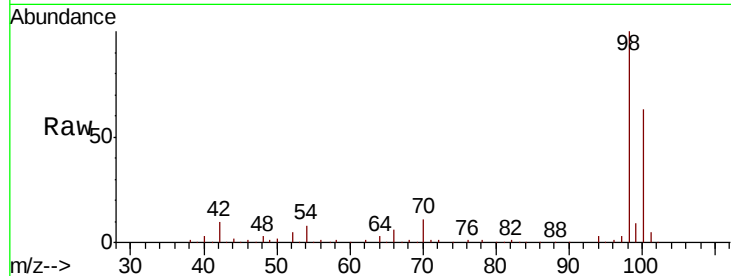




#51
 4-Methyl-2-Pentanone
 Concen: 0.439 ug/l
 RT: 7.57 min Scan# 1988
 Delta R.T. 0.11 min
 Lab File: VU029124.D
 Acq: 10 Jan 2019 17:54

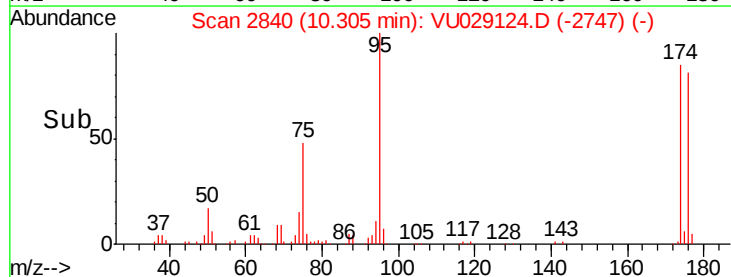
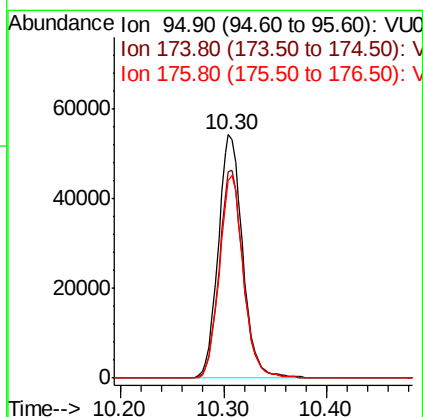
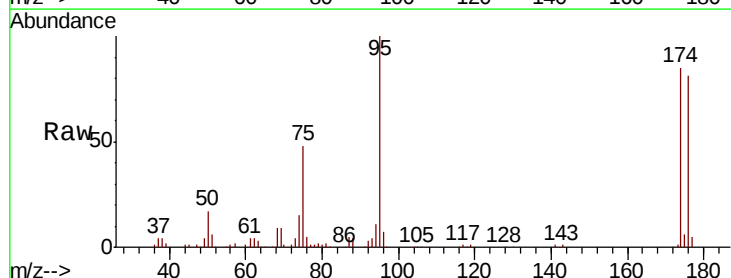
Instrument :
 MSVOA_U
 ClientSampled :
 TB

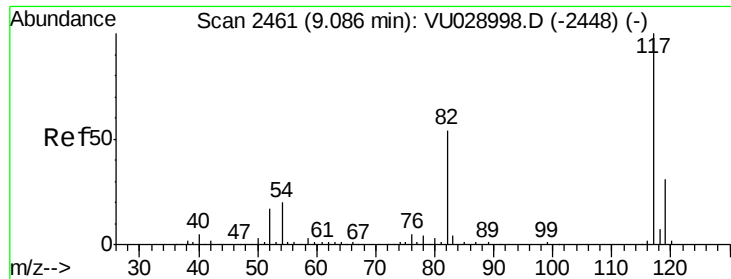
Tgt Ion: 43 Resp: 1136
 Ion Ratio Lower Upper
 43 100
 58 174.2 33.9 50.9#



#62
 4-Bromofluorobenzene
 Concen: 42.867 ug/l
 RT: 10.30 min Scan# 2840
 Delta R.T. 0.00 min
 Lab File: VU029124.D
 Acq: 10 Jan 2019 17:54

Tgt Ion: 95 Resp: 89084
 Ion Ratio Lower Upper
 95 100
 174 83.6 0.0 170.6
 176 81.9 0.0 165.0

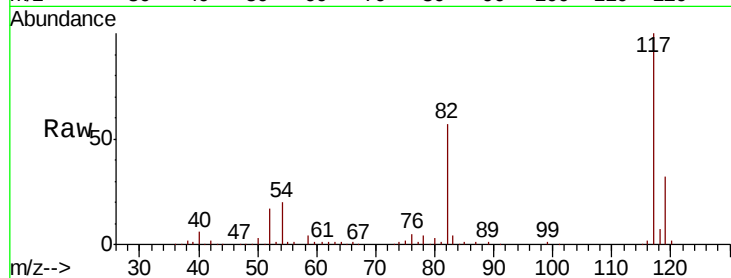




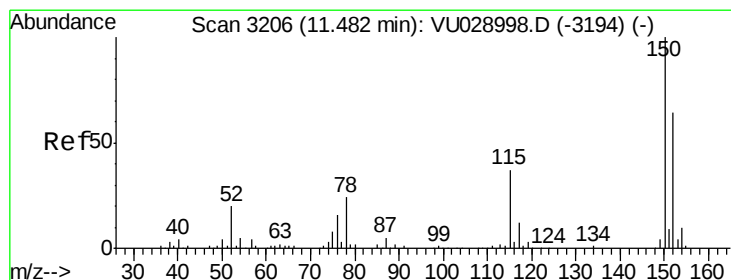
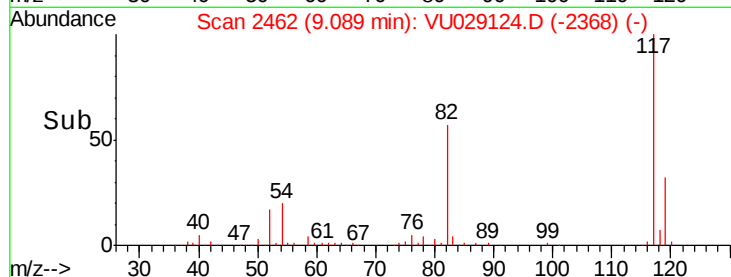
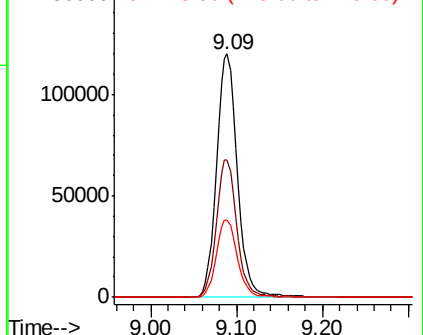
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU029124.D
Acq: 10 Jan 2019 17:54

Instrument :
MSVOA_U
ClientSampled :
TB

Tgt Ion:117 Resp: 202743
Ion Ratio Lower Upper
117 100
82 56.5 43.9 65.9
119 31.9 26.0 39.0

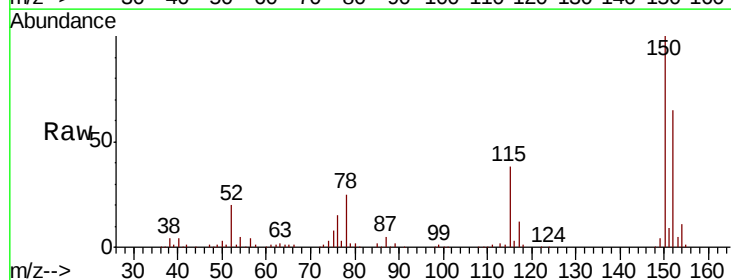


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

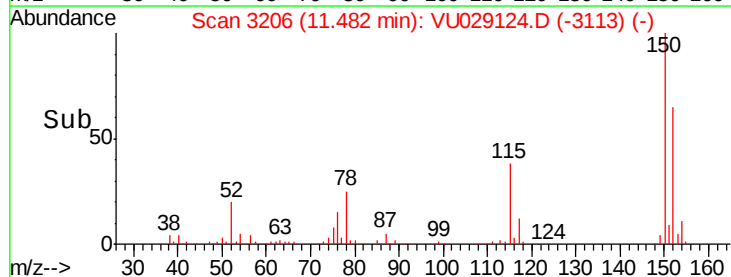
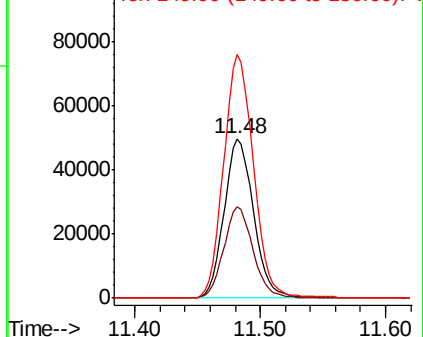


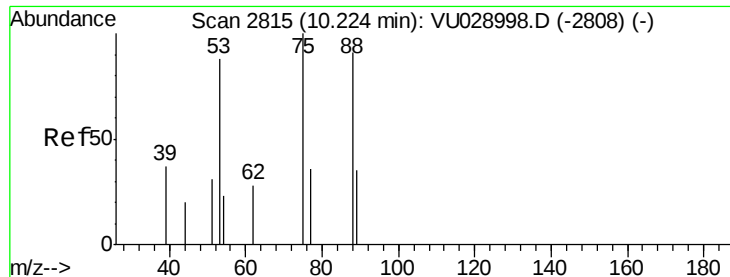
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. 0.00 min
Lab File: VU029124.D
Acq: 10 Jan 2019 17:54

Tgt Ion:152 Resp: 81166
Ion Ratio Lower Upper
152 100
115 56.9 40.1 120.3
150 155.1 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

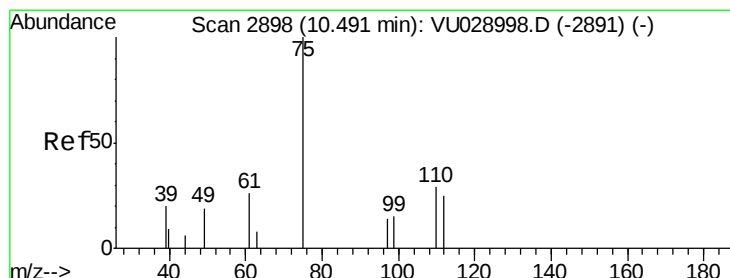
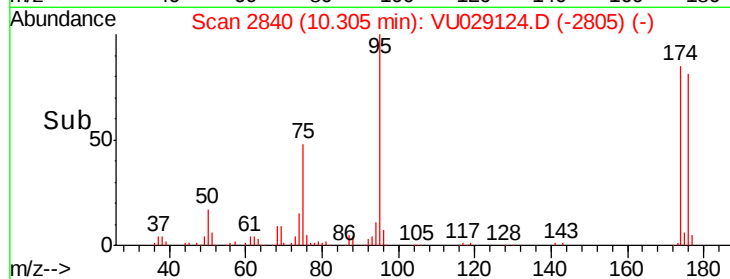
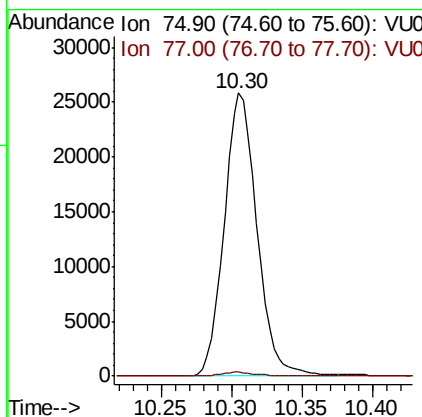
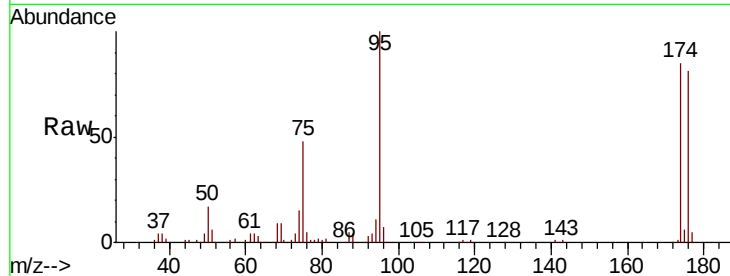




#76
 1,2,3-Trichloropropane
 Concen: 21.050 ug/l
 RT: 10.30 min Scan# 2840
 Delta R.T. -0.19 min
 Lab File: VU029124.D
 Acq: 10 Jan 2019 17:54

Instrument :
 MSVOA_U
 ClientSampled :
 TB

Tgt Ion: 75 Resp: 41863
 Ion Ratio Lower Upper
 75 100
 77 1.3 20.9 62.8#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 54.290 ug/l
 RT: 10.30 min Scan# 2840
 Delta R.T. -0.21 min
 Lab File: VU029124.D
 Acq: 10 Jan 2019 17:54

Tgt Ion: 75 Resp: 41863
 Ion Ratio Lower Upper
 75 100
 53 0.0 0.0 0.0
 89 0.0 0.0 0.0

