

Data Path : Z:\HPCHEM1\MSVOA_U\DATA\VU011019\
 Data File : VU029107.D
 Acq On : 10 Jan 2019 10:38
 Operator : MD/SY
 Sample : K1082-28ME
 Misc : 3.72g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SP-1-2

Quant Time: Jan 11 02:44:36 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

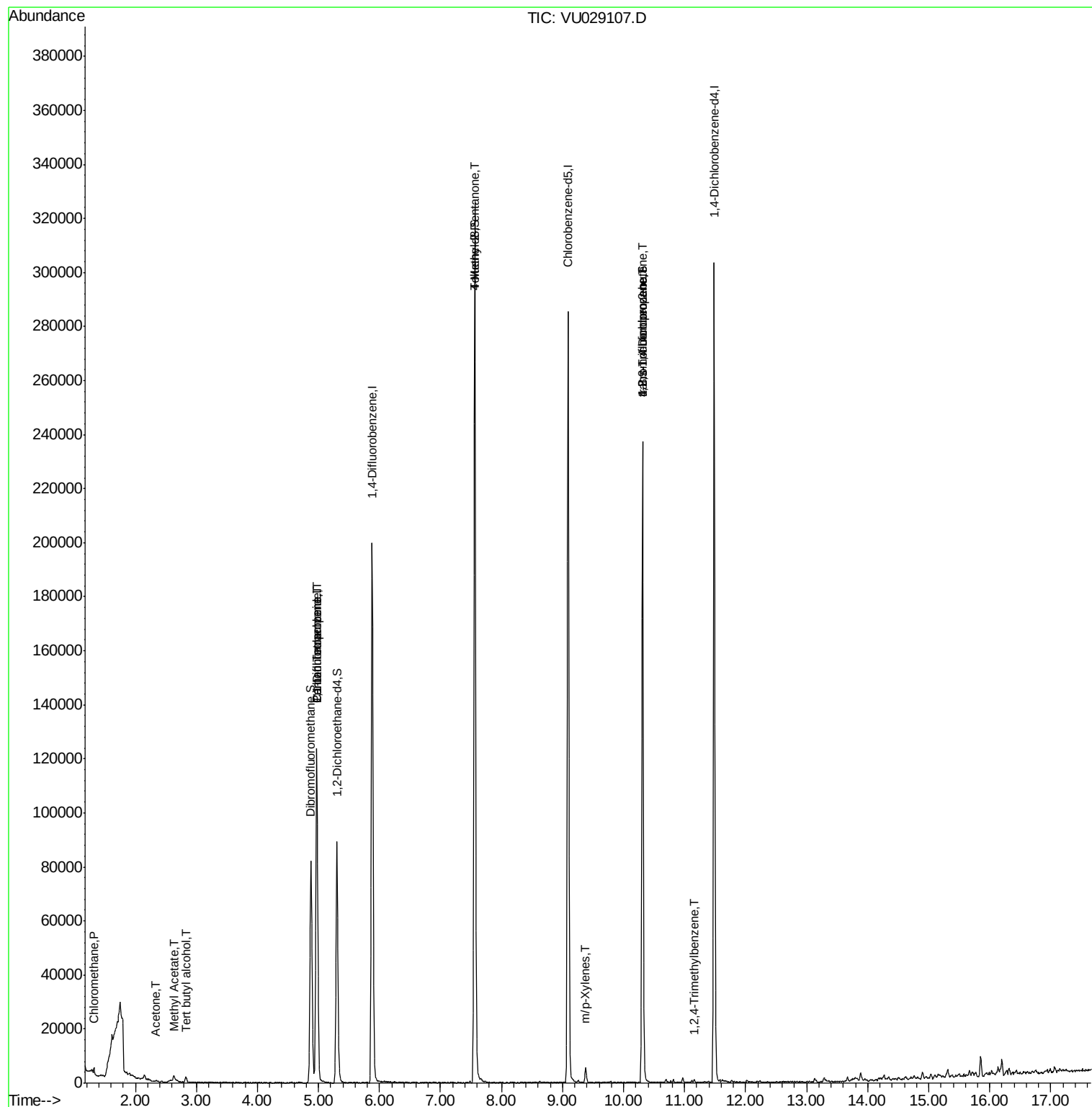
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.97	168	102894	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	179777	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	172872	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	80939	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.30	65	71609	56.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.60%	
35) Dibromofluoromethane	4.88	113	61328	52.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.26%	
50) Toluene-d8	7.56	98	229645	49.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.82%	
62) 4-Bromofluorobenzene	10.31	95	82627	49.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.94%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.32	50	2220	0.674	ug/l	100
5) Bromomethane	1.59	94	625	Below Cal		87
11) Tert butyl alcohol	2.83	59	1229	3.801	ug/l #	73
16) Acetone	2.35	43	655	0.817	ug/l #	39
17) Carbon Disulfide	2.43	76	413	Below Cal	#	75
18) Methyl Acetate	2.64	43	3652	1.960	ug/l	93
31) Cyclohexane	4.97	56	1914	Below Cal	#	1
36) 1,1-Dichloropropene	4.98	75	8026	4.466	ug/l #	47
38) Carbon Tetrachloride	4.97	117	9040	6.032	ug/l #	18
51) 4-Methyl-2-Pentanone	7.56	43	986	0.479	ug/l #	1
68) m/p-Xylenes	9.38	106	1940	0.772	ug/l	97
76) 1,2,3-Trichloropropane	10.31	75	38987	19.659	ug/l #	36
81) trans-1,4-Dichloro-2-buten	10.31	75	38987	50.702	ug/l #	100
84) 1,2,4-Trimethylbenzene	11.15	105	1027	0.206	ug/l	80

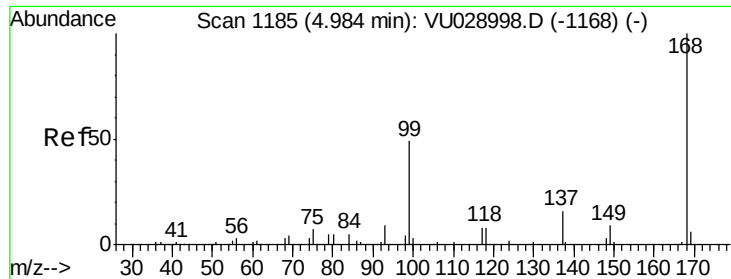
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.97 min Scan# 1182

Delta R.T. -0.01 min

Lab File: VU029107.D

Acq: 10 Jan 2019 10:38

Instrument :

MSVOA_U

ClientSampleId :

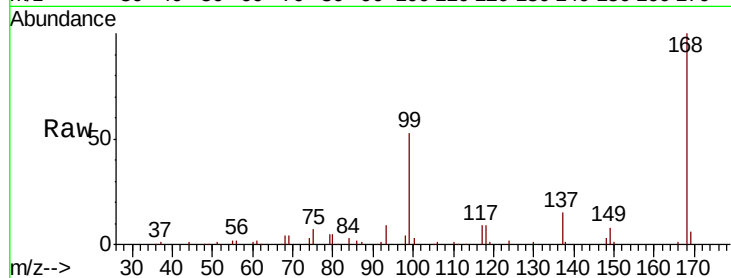
SP-1-2

Tgt Ion:168 Resp: 102894

Ion Ratio Lower Upper

168 100

99 52.6 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) (-)

4.97

50000

40000

30000

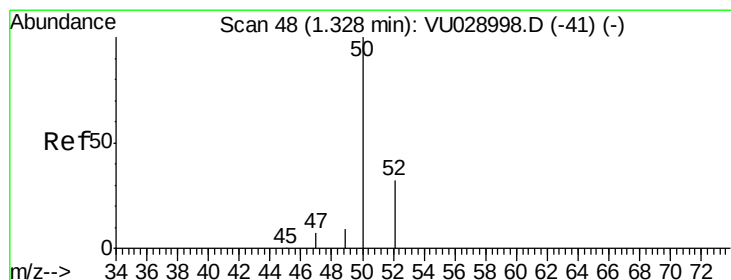
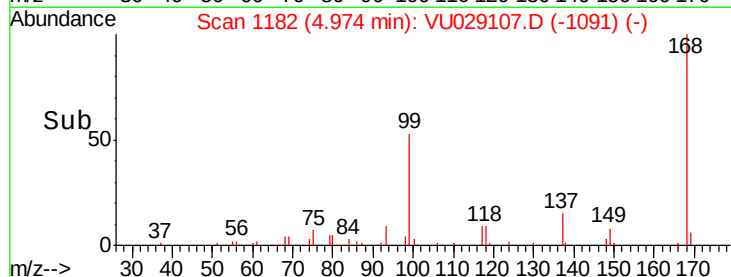
20000

10000

0

4.90 5.00 5.10

Time-->



#3

Chloromethane

Concen: 0.674 ug/l

RT: 1.32 min Scan# 46

Delta R.T. -0.01 min

Lab File: VU029107.D

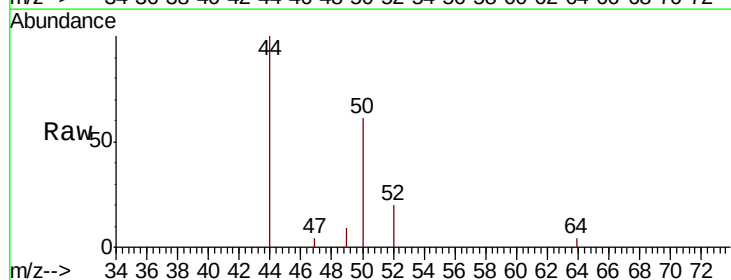
Acq: 10 Jan 2019 10:38

Tgt Ion: 50 Resp: 2220

Ion Ratio Lower Upper

50 100

52 32.8 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) (-)

1.32

2000

1500

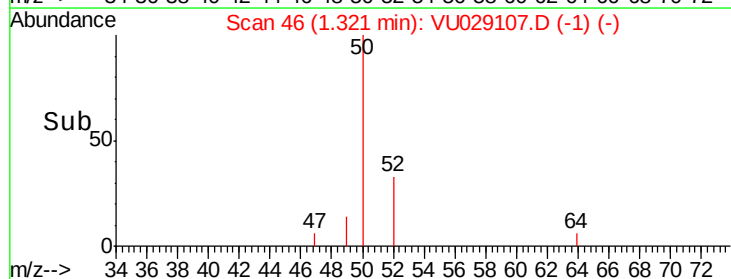
1000

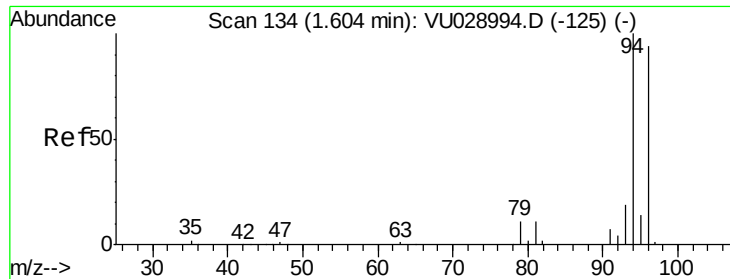
500

0

1.30 1.35

Time-->

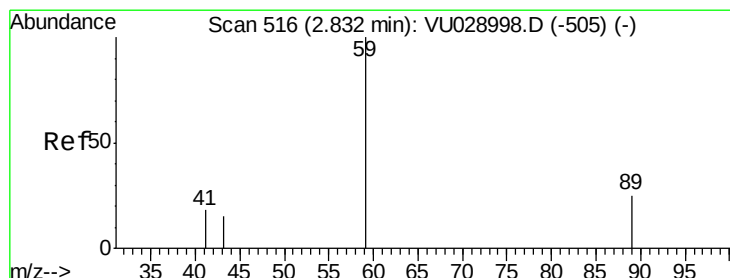
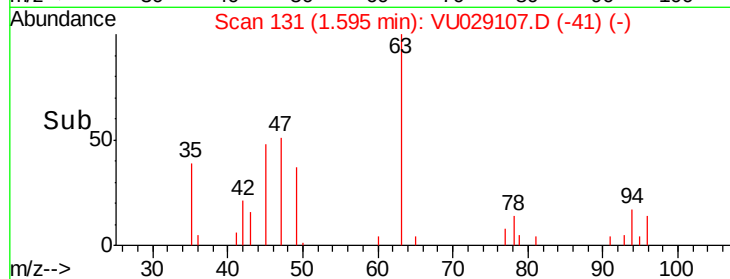
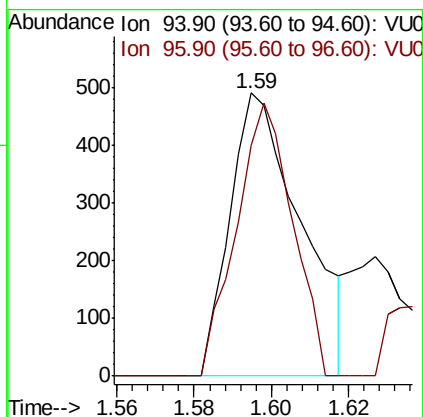
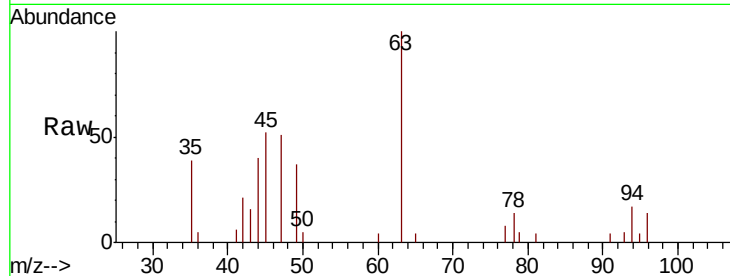




#5
Bromomethane
Concen: Below Cal
RT: 1.59 min Scan# 131
Delta R.T. -0.01 min
Lab File: VU029107.D
Acq: 10 Jan 2019 10:38

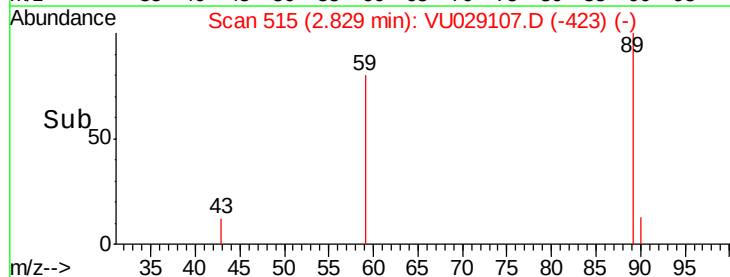
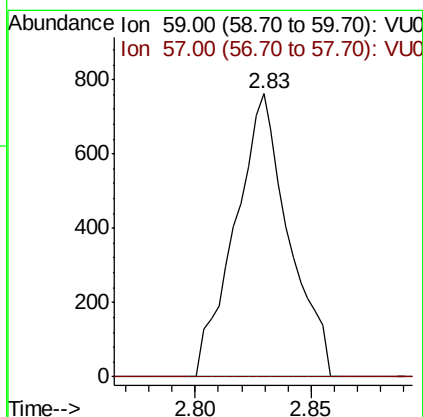
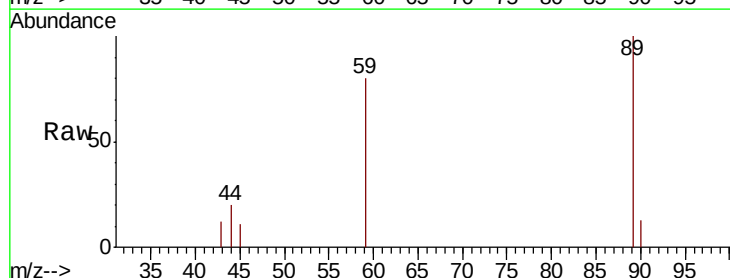
Instrument :
MSVOA_U
ClientSampled :
SP-1-2

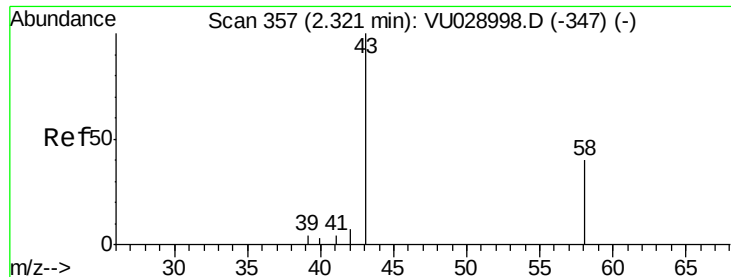
Tgt Ion: 94 Resp: 625
Ion Ratio Lower Upper
94 100
96 81.7 75.5 113.3



#11
Tert butyl alcohol
Concen: 3.801 ug/l
RT: 2.83 min Scan# 515
Delta R.T. -0.00 min
Lab File: VU029107.D
Acq: 10 Jan 2019 10:38

Tgt Ion: 59 Resp: 1229
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#





#16

Acetone

Concen: 0.817 ug/l

RT: 2.35 min Scan# 365

Delta R.T. 0.03 min

Lab File: VU029107.D

Acq: 10 Jan 2019 10:38

Instrument :

MSVOA_U

ClientSampled :

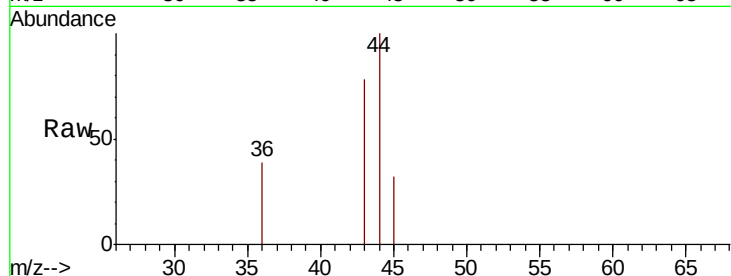
SP-1-2

Tgt Ion: 43 Resp: 655

Ion Ratio Lower Upper

43 100

58 0.0 28.6 42.8#



Abundance Ion 43.00 (42.70 to 43.70): VU028998.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VU028998.D (-347) (-)

2.35

300

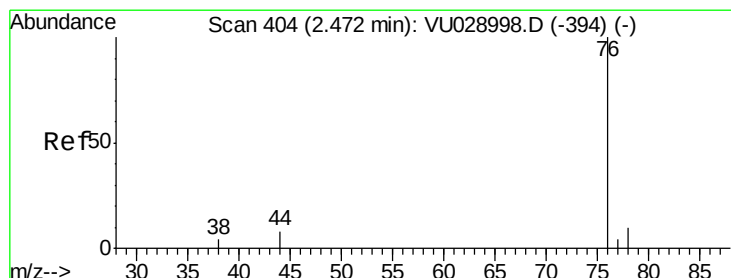
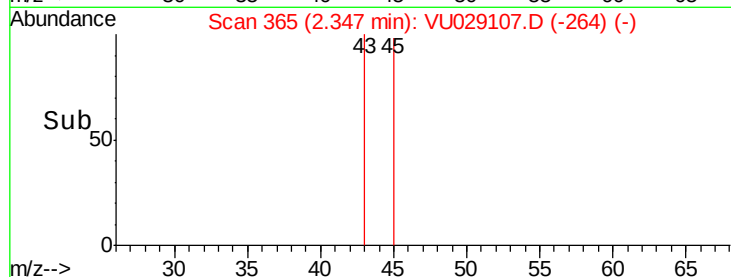
200

100

0

2.30 2.35 2.40

Time-->



#17

Carbon Disulfide

Concen: Below Cal

RT: 2.43 min Scan# 392

Delta R.T. -0.04 min

Lab File: VU029107.D

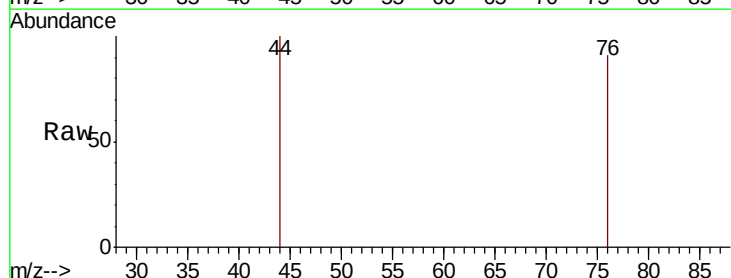
Acq: 10 Jan 2019 10:38

Tgt Ion: 76 Resp: 413

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VU028998.D (-394) (-)

Ion 77.90 (77.60 to 78.60): VU028998.D (-394) (-)

2.43

300

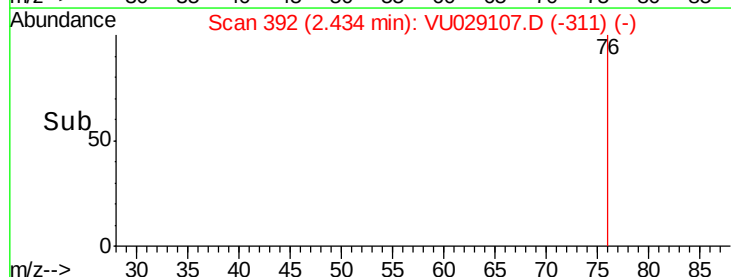
200

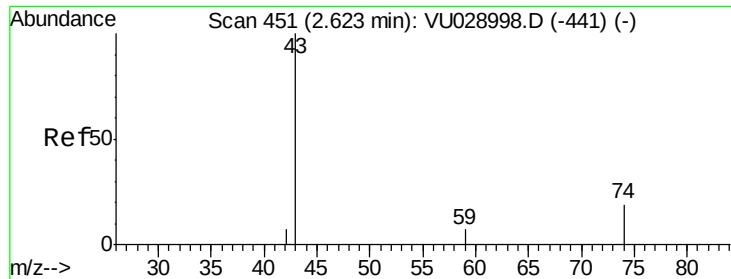
100

0

2.40 2.42 2.44 2.46

Time-->

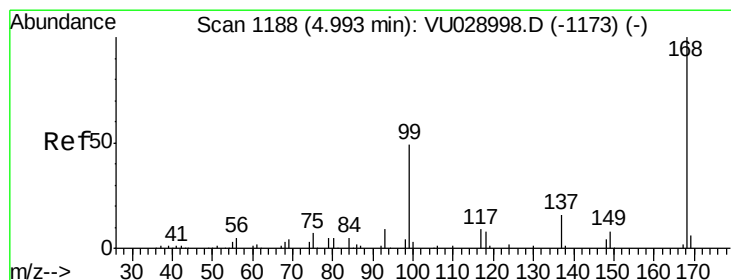
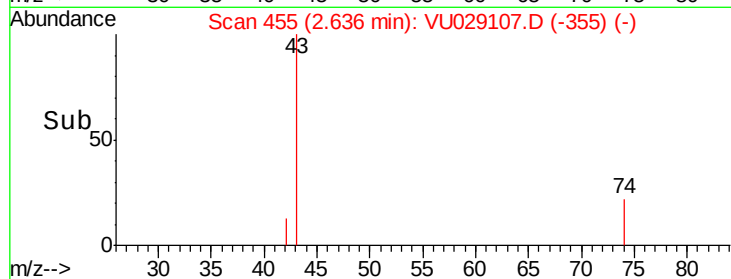
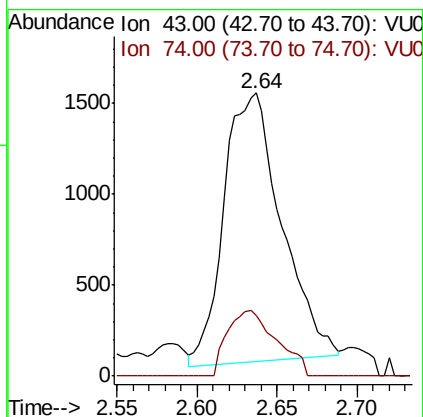
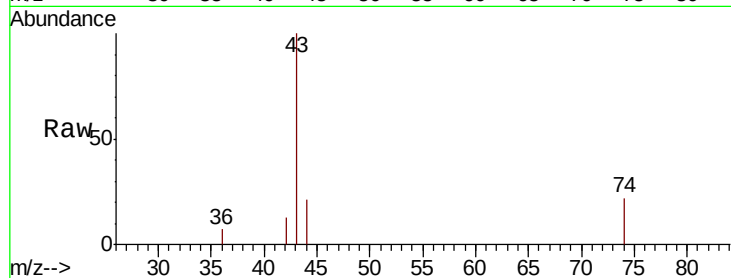




#18
Methyl Acetate
Concen: 1.960 ug/l
RT: 2.64 min Scan# 455
Delta R.T. 0.02 min
Lab File: VU029107.D
Acq: 10 Jan 2019 10:38

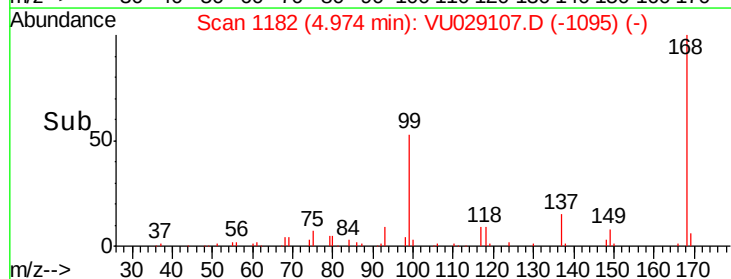
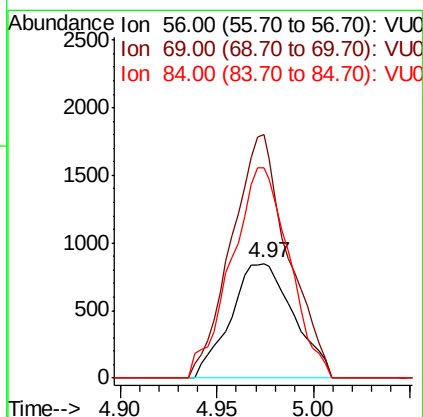
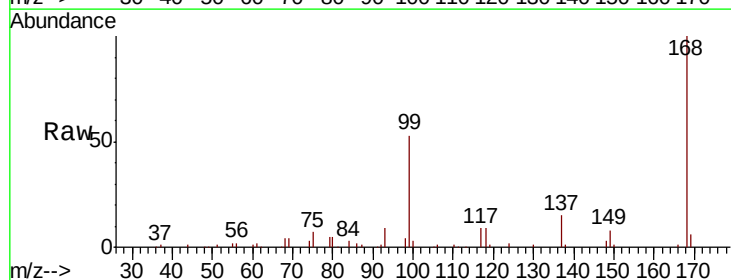
Instrument :
MSVOA_U
ClientSampleId :
SP-1-2

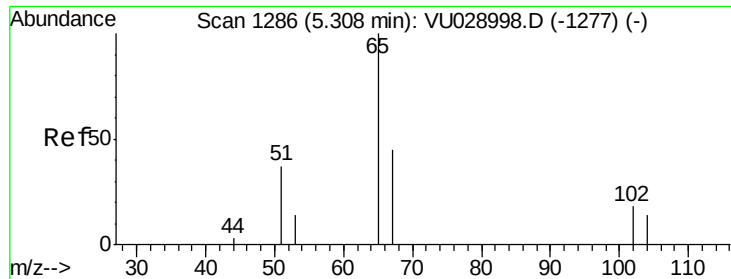
Tgt Ion: 43 Resp: 3652
Ion Ratio Lower Upper
43 100
74 20.7 19.5 29.3



#31
Cyclohexane
Concen: Below Cal
RT: 4.97 min Scan# 1182
Delta R.T. -0.02 min
Lab File: VU029107.D
Acq: 10 Jan 2019 10:38

Tgt Ion: 56 Resp: 1914
Ion Ratio Lower Upper
56 100
69 212.6 26.7 40.1#
84 183.2 65.7 98.5#

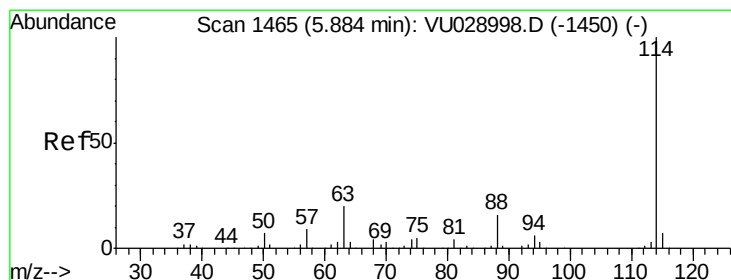
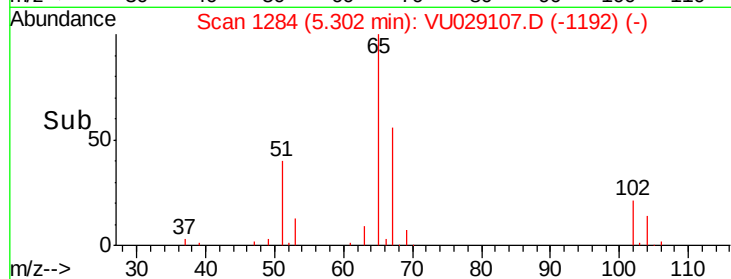
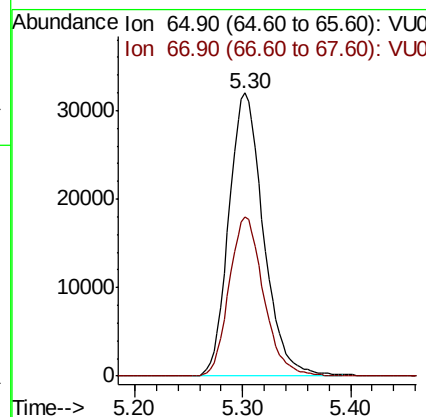
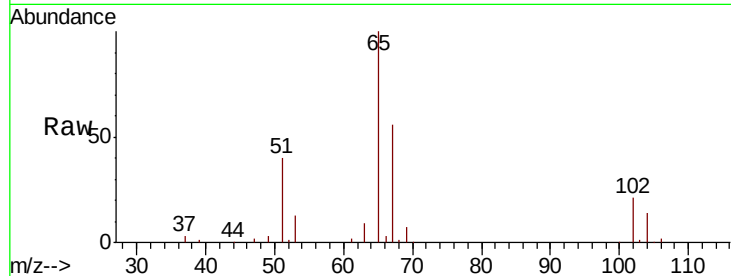




#33
 1,2-Dichloroethane-d4
 Concen: 56.298 ug/l
 RT: 5.30 min Scan# 1284
 Delta R.T. -0.00 min
 Lab File: VU029107.D
 Acq: 10 Jan 2019 10:38

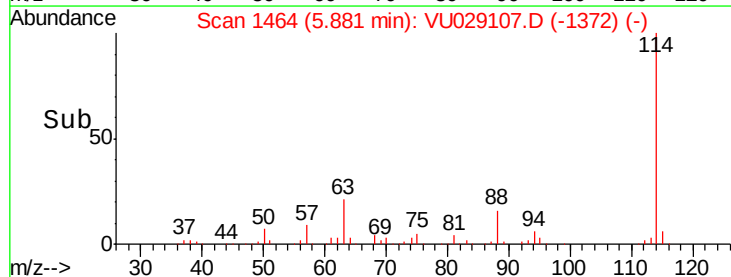
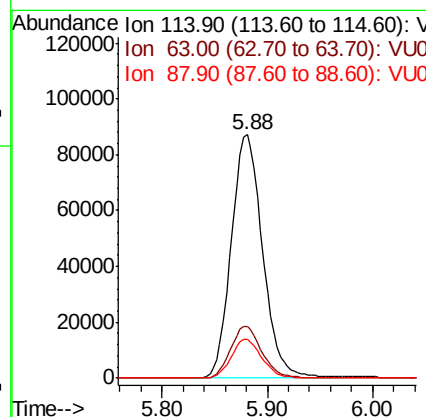
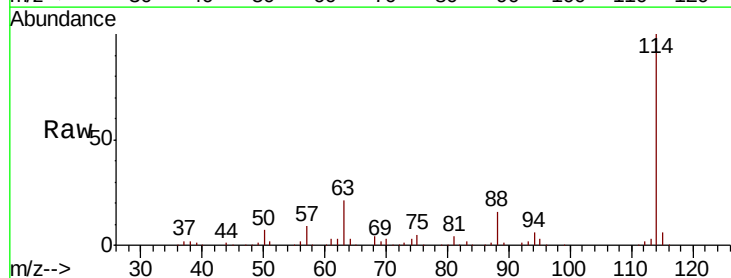
Instrument :
 MSVOA_U
 ClientSampleId :
 SP-1-2

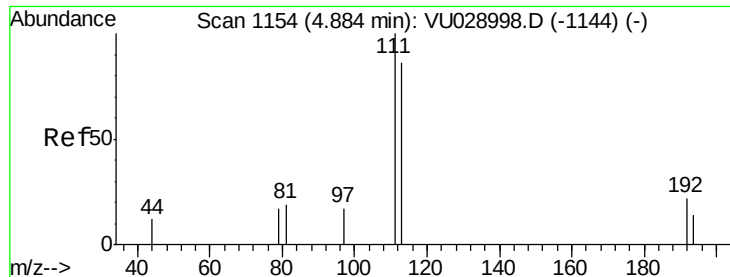
Tgt Ion: 65 Resp: 71609
 Ion Ratio Lower Upper
 65 100
 67 55.8 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1464
 Delta R.T. -0.00 min
 Lab File: VU029107.D
 Acq: 10 Jan 2019 10:38

Tgt Ion: 114 Resp: 179777
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 40.2
 88 16.1 0.0 30.4

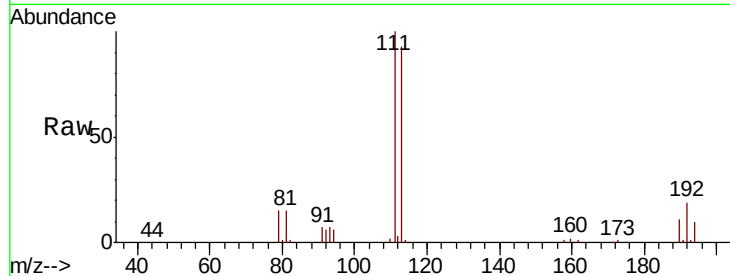




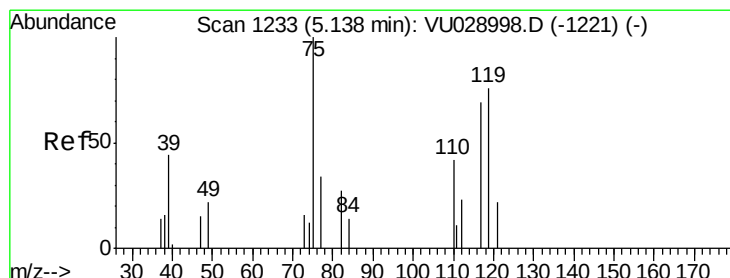
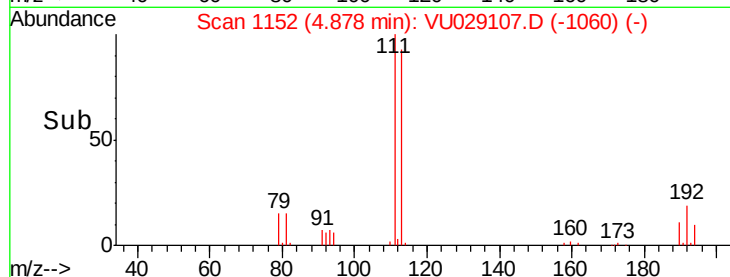
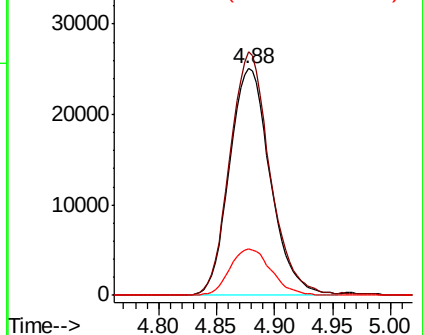
#35
 Dibromofluoromethane
 Concen: 52.625 ug/l
 RT: 4.88 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: VU029107.D
 Acq: 10 Jan 2019 10:38

Instrument :
 MSVOA_U
 ClientSampleId :
 SP-1-2

Tgt Ion: 113 Resp: 61328
 Ion Ratio Lower Upper
 113 100
 111 105.5 81.4 122.2
 192 20.6 16.8 25.2

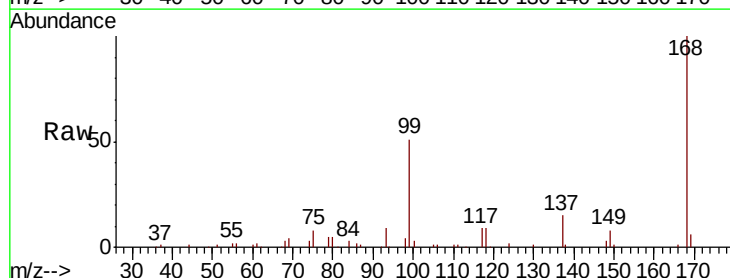


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

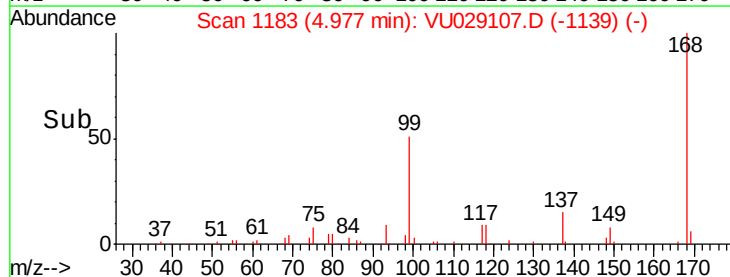
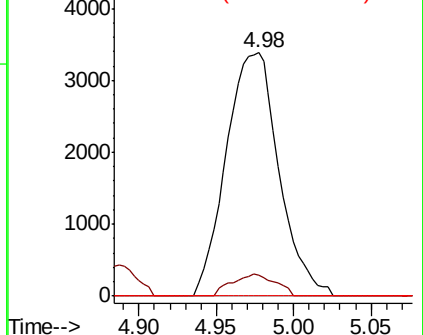


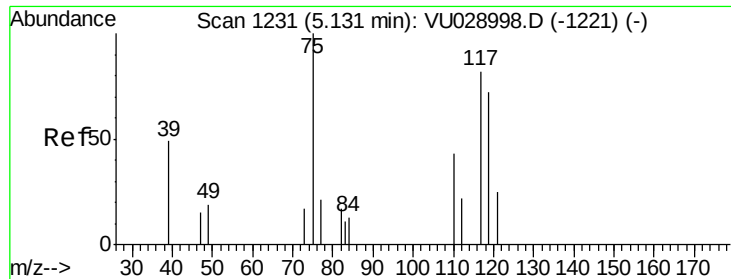
#36
 1,1-Dichloropropene
 Concen: 4.466 ug/l
 RT: 4.98 min Scan# 1183
 Delta R.T. -0.16 min
 Lab File: VU029107.D
 Acq: 10 Jan 2019 10:38

Tgt Ion: 75 Resp: 8026
 Ion Ratio Lower Upper
 75 100
 110 7.4 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

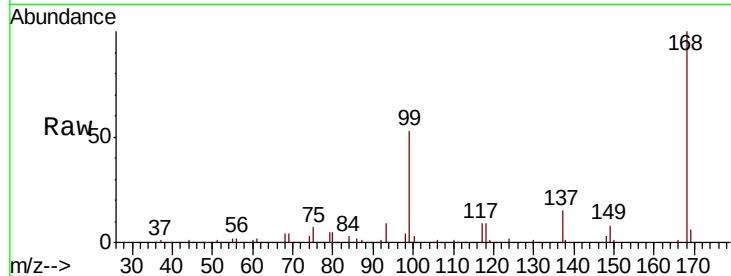




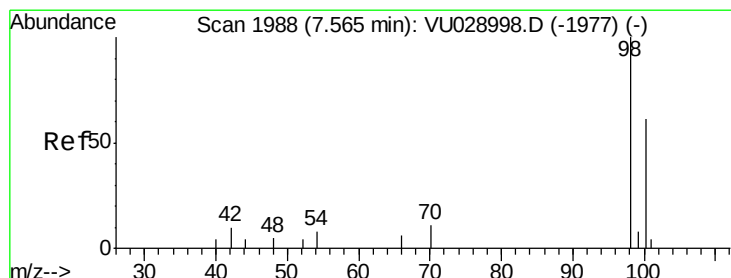
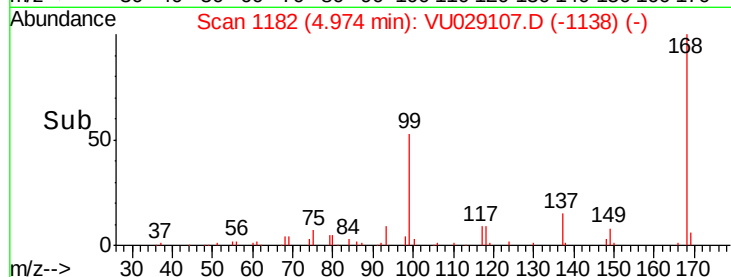
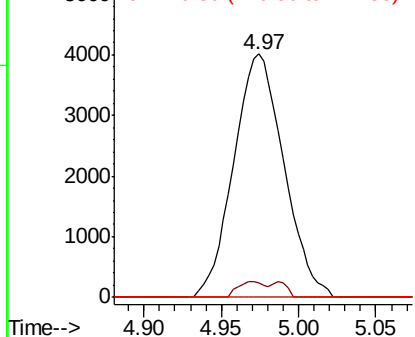
#38
Carbon Tetrachloride
Concen: 6.032 ug/l
RT: 4.97 min Scan# 1182
Delta R.T. -0.16 min
Lab File: VU029107.D
Acq: 10 Jan 2019 10:38

Instrument :
MSVOA_U
ClientSampled :
SP-1-2

Tgt Ion:117 Resp: 9040
Ion Ratio Lower Upper
117 100
119 6.0 74.6 111.8#
121 0.0 25.0 37.6#

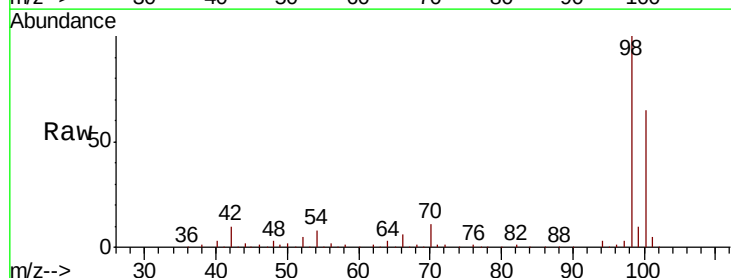


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

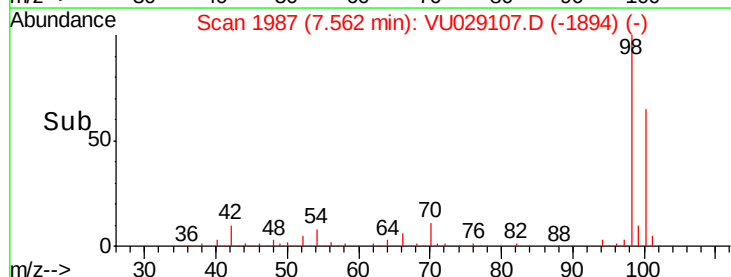
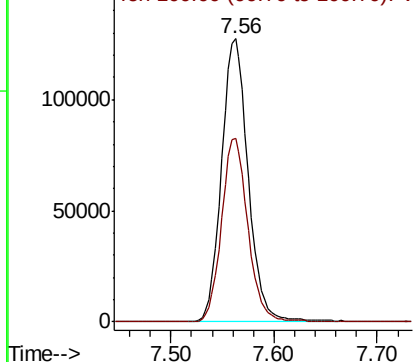


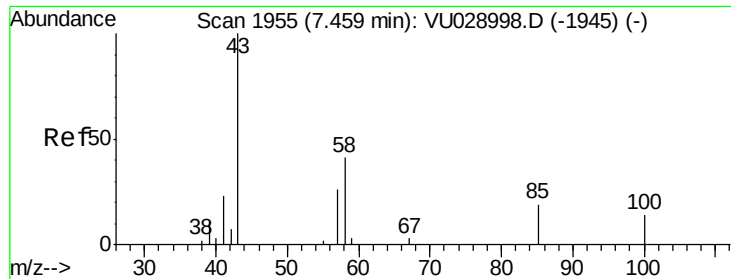
#50
Toluene-d8
Concen: 49.915 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VU029107.D
Acq: 10 Jan 2019 10:38

Tgt Ion: 98 Resp: 229645
Ion Ratio Lower Upper
98 100
100 63.8 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: 0.479 ug/l

RT: 7.56 min Scan# 1986

Delta R.T. 0.10 min

Lab File: VU029107.D

Acq: 10 Jan 2019 10:38

Instrument :

MSVOA_U

ClientSampleId :

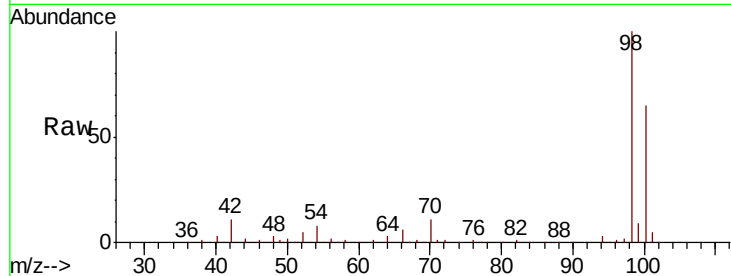
SP-1-2

Tgt Ion: 43 Resp: 986

Ion Ratio Lower Upper

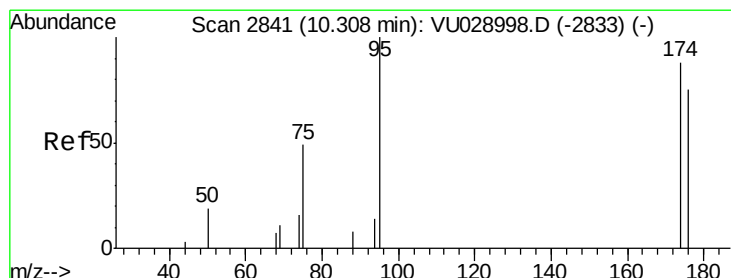
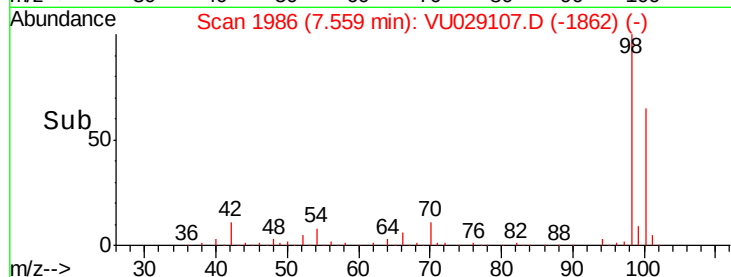
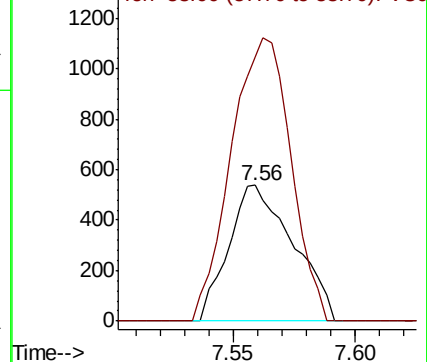
43 100

58 193.7 33.9 50.9#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#62

4-Bromofluorobenzene

Concen: 49.974 ug/l

RT: 10.31 min Scan# 2842

Delta R.T. 0.01 min

Lab File: VU029107.D

Acq: 10 Jan 2019 10:38

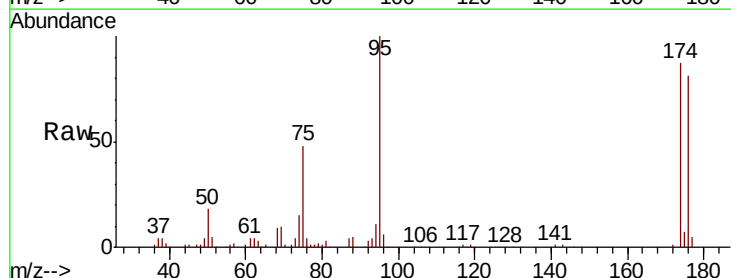
Tgt Ion: 95 Resp: 82627

Ion Ratio Lower Upper

95 100

174 84.8 0.0 170.6

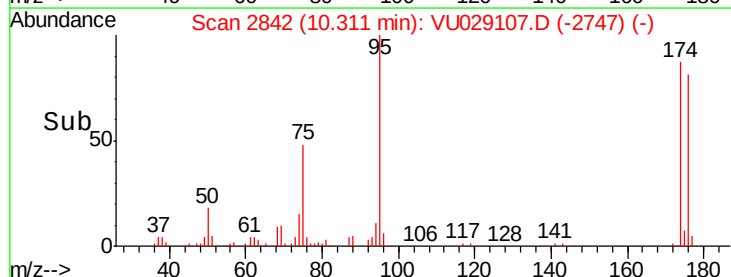
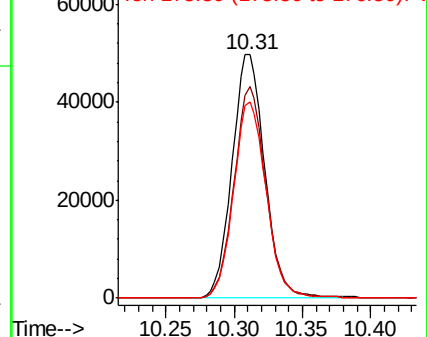
176 80.6 0.0 165.0

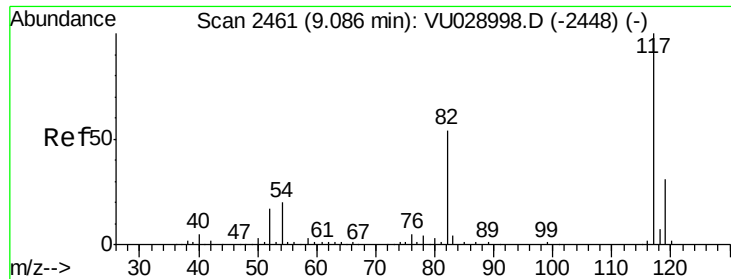


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

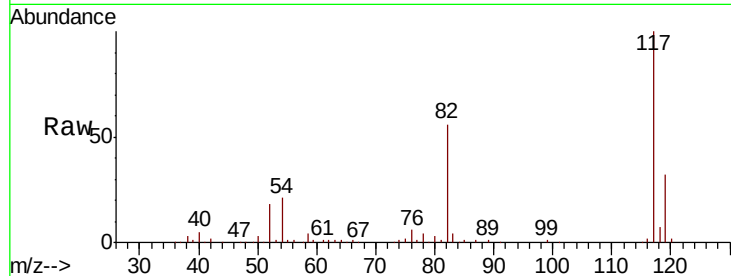




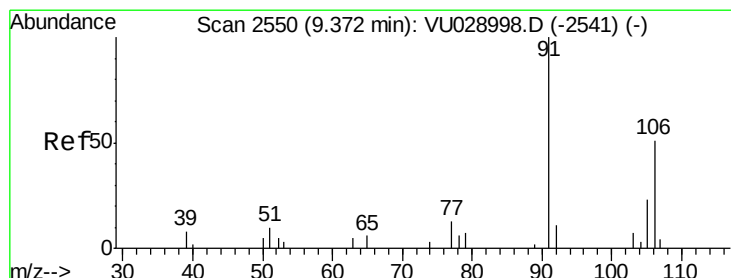
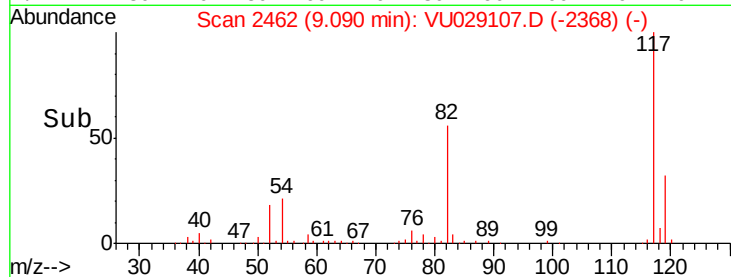
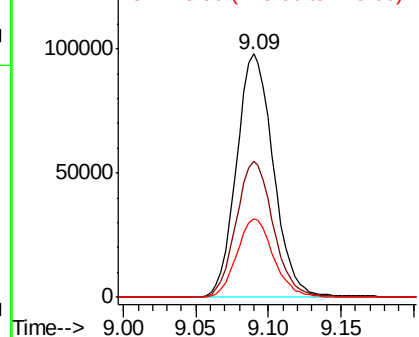
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU029107.D
Acq: 10 Jan 2019 10:38

Instrument :
MSVOA_U
ClientSampleId :
SP-1-2

Tgt Ion:117 Resp: 172872
Ion Ratio Lower Upper
117 100
82 56.0 43.9 65.9
119 32.4 26.0 39.0

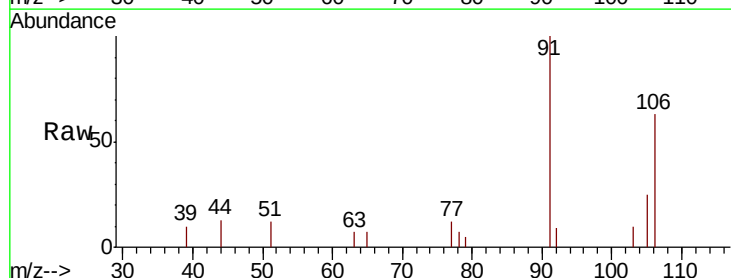


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

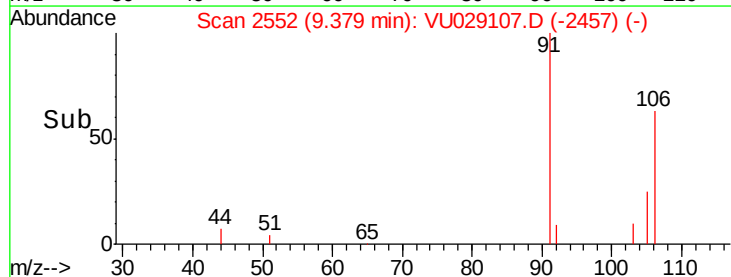
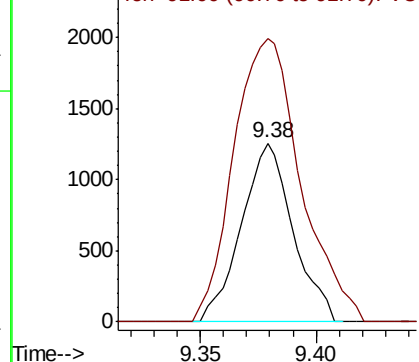


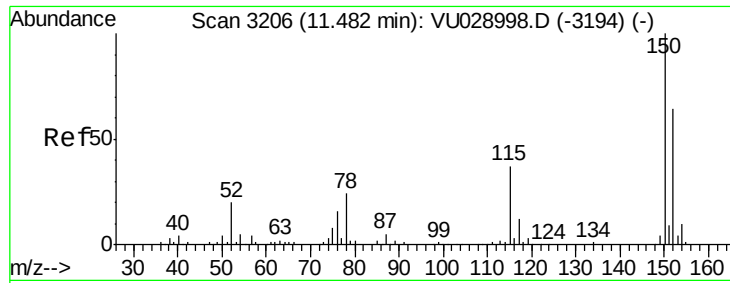
#68
m/p-Xylenes
Concen: 0.772 ug/l
RT: 9.38 min Scan# 2552
Delta R.T. 0.01 min
Lab File: VU029107.D
Acq: 10 Jan 2019 10:38

Tgt Ion:106 Resp: 1940
Ion Ratio Lower Upper
106 100
91 206.3 161.7 242.5



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: VU029107.D

Acq: 10 Jan 2019 10:38

Instrument :

MSVOA_U

ClientSampleId :

SP-1-2

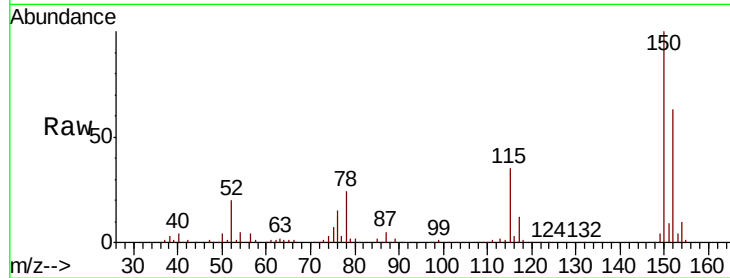
Tgt Ion:152 Resp: 80939

Ion Ratio Lower Upper

152 100

115 56.7 40.1 120.3

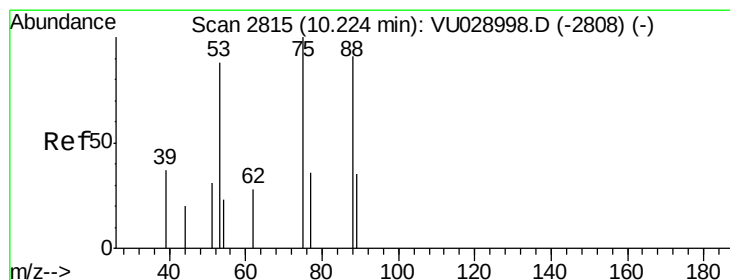
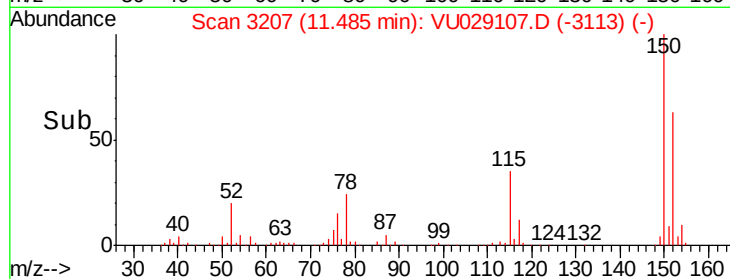
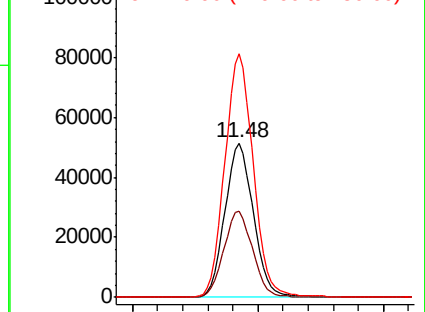
150 157.7 0.0 345.2



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: 19.659 ug/l

RT: 10.31 min Scan# 2842

Delta R.T. -0.18 min

Lab File: VU029107.D

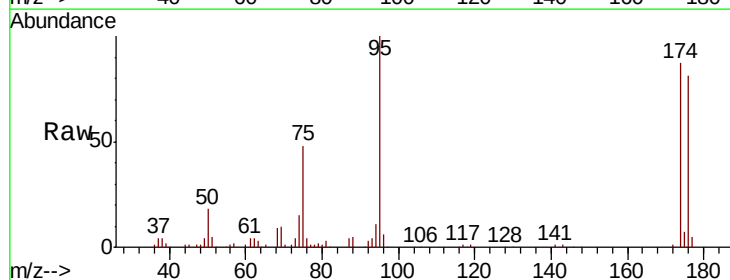
Acq: 10 Jan 2019 10:38

Tgt Ion: 75 Resp: 38987

Ion Ratio Lower Upper

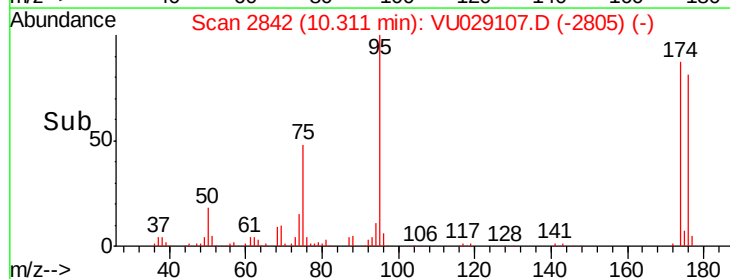
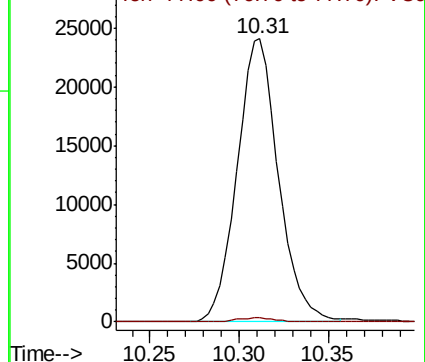
75 100

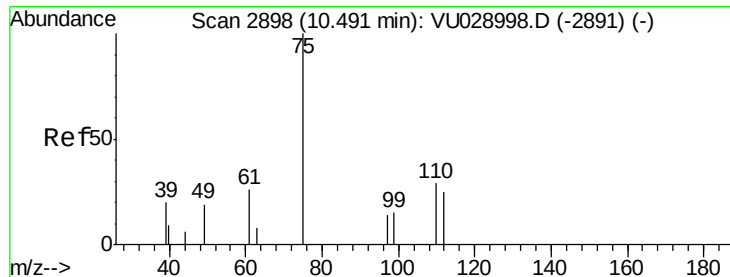
77 1.2 20.9 62.8#



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: 50.702 ug/l

RT: 10.31 min Scan# 2842

Delta R.T. -0.20 min

Lab File: VU029107.D

Acq: 10 Jan 2019 10:38

Instrument :

MSVOA_U

ClientSampleId :

SP-1-2

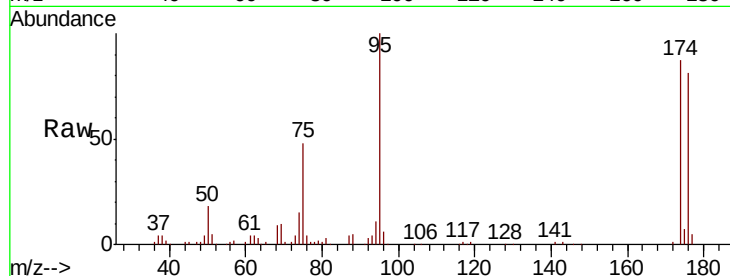
Tgt Ion: 75 Resp: 38987

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

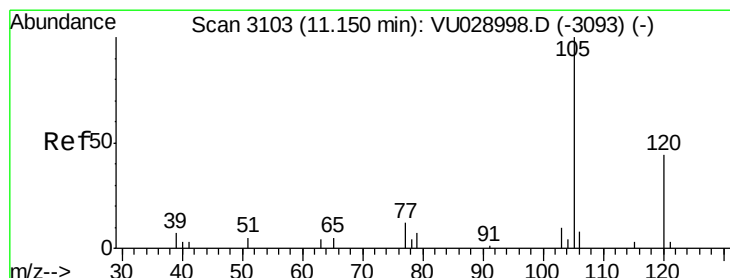
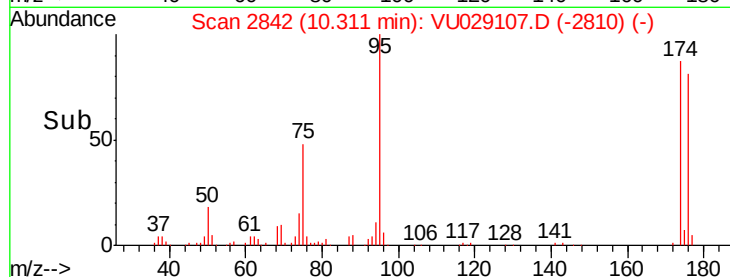
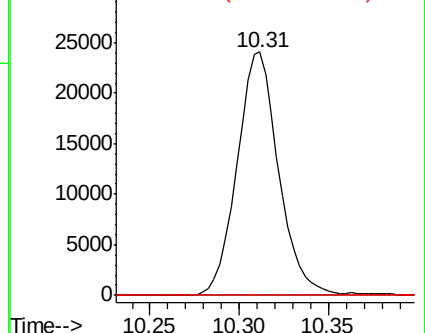
89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VU028998.D (-2891) (-)

Ion 53.00 (52.70 to 53.70): VU028998.D (-2891) (-)

Ion 88.90 (88.60 to 89.60): VU028998.D (-2891) (-)



#84

1,2,4-Trimethylbenzene

Concen: 0.206 ug/l

RT: 11.15 min Scan# 3103

Delta R.T. 0.00 min

Lab File: VU029107.D

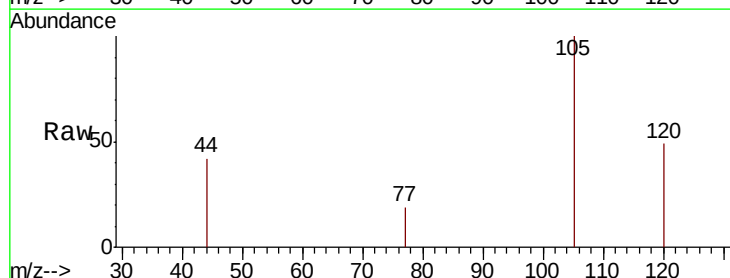
Acq: 10 Jan 2019 10:38

Tgt Ion: 105 Resp: 1027

Ion Ratio Lower Upper

105 100

120 33.1 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): VU028998.D (-3093) (-)

Ion 120.00 (119.70 to 120.70): VU028998.D (-3093) (-)

