

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU010919\
 Data File : VU029082.D
 Acq On : 09 Jan 2019 10:02
 Operator : MD/SY
 Sample : K1088-12
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 10 04:02:32 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	113970	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	192656	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	180375	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	71548	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	76711	54.45	ug/l	0.00
Spiked Amount			Recovery	=	108.90%	
35) Dibromofluoromethane	4.88	113	66455	53.21	ug/l	0.00
Spiked Amount			Recovery	=	106.42%	
50) Toluene-d8	7.56	98	244231	49.54	ug/l	0.00
Spiked Amount			Recovery	=	99.08%	
62) 4-Bromofluorobenzene	10.30	95	77502	43.74	ug/l	0.00
Spiked Amount			Recovery	=	87.48%	

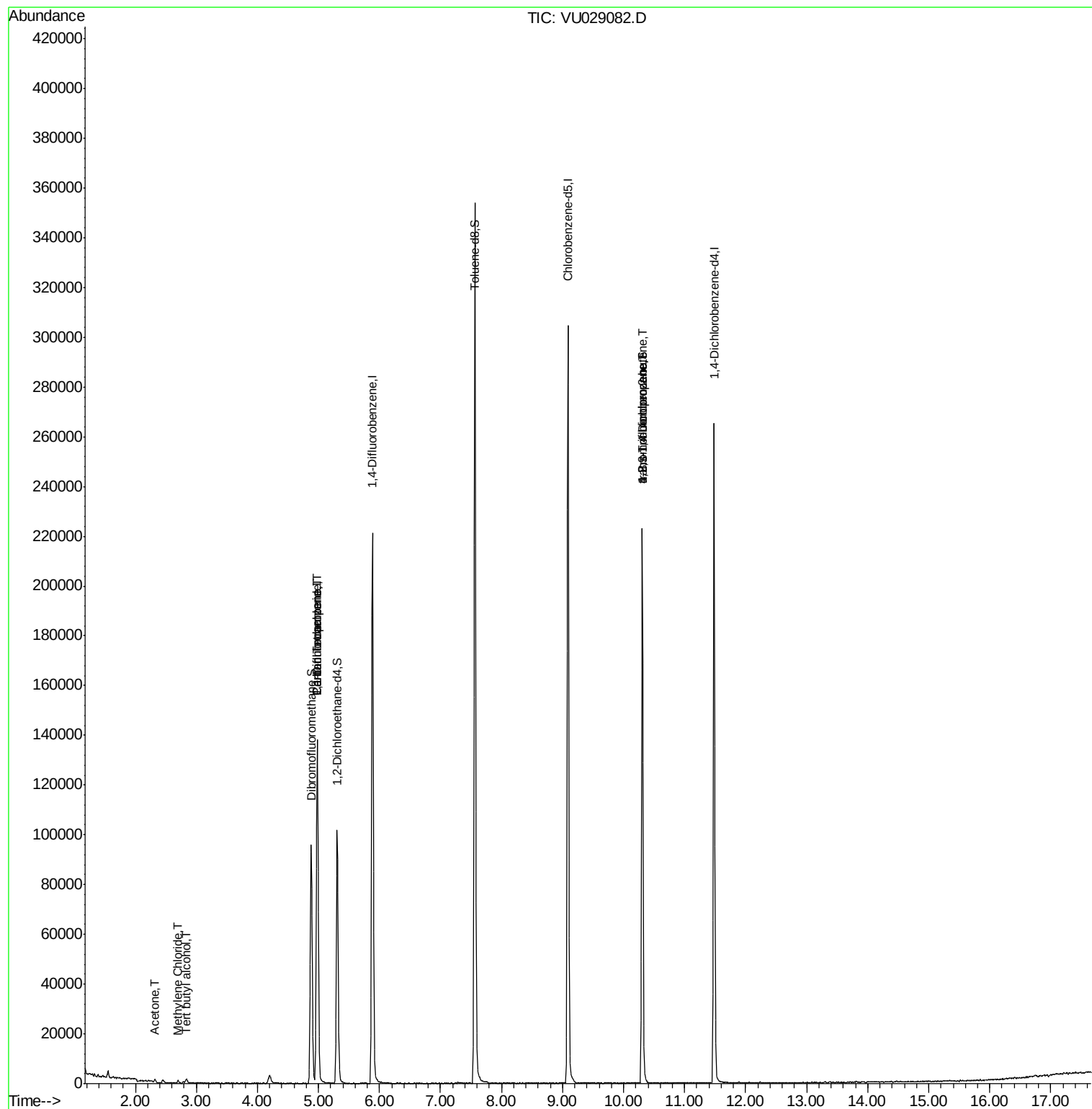
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	983	Below Cal		98
5) Bromomethane	1.63	94	152	Below Cal	#	2
11) Tert butyl alcohol	2.84	59	1267	3.538	ug/l #	73
16) Acetone	2.32	43	1210	1.363	ug/l	99
17) Carbon Disulfide	2.48	76	386	Below Cal	#	75
20) Methylene Chloride	2.70	84	428	0.284	ug/l	96
31) Cyclohexane	4.98	56	1998	Below Cal	#	1
36) 1,1-Dichloropropene	4.98	75	8386	4.355	ug/l #	47
38) Carbon Tetrachloride	4.98	117	9938	6.188	ug/l #	18
76) 1,2,3-Trichloropropane	10.30	75	37028	21.122	ug/l #	35
81) trans-1,4-Dichloro-2-buten	10.30	75	37028	54.475	ug/l #	100

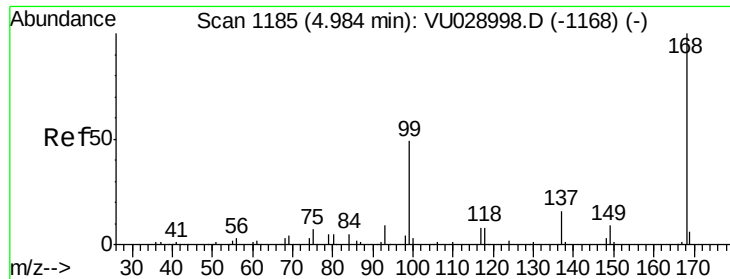
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU029082.D

Acq: 09 Jan 2019 10:02

Instrument :

MSVOA_U

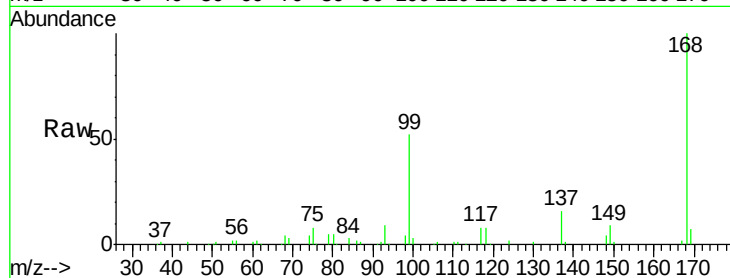
ClientSampleId :

Tot Ion:168 Resp: 113970

Ion Ratio Lower Upper

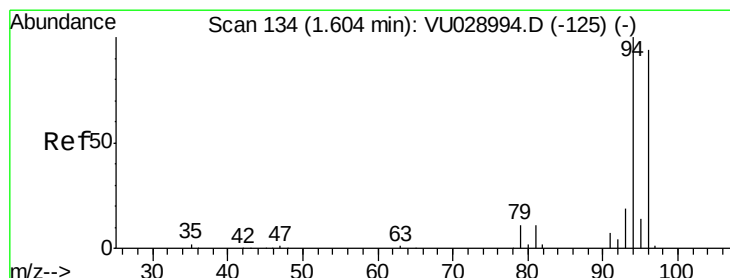
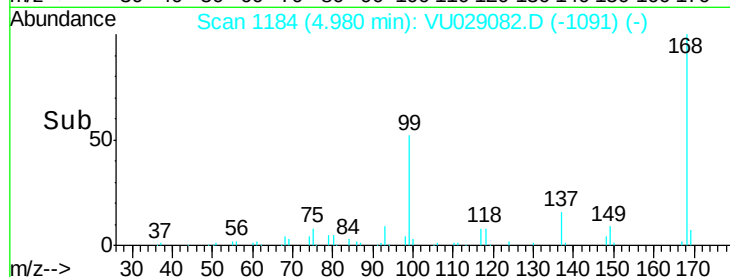
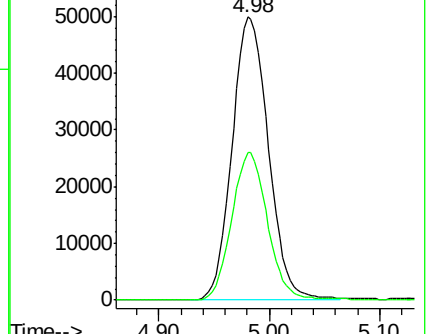
168 100

99 52.3 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) (-)



#5

Bromomethane

Concen: Below Cal

RT: 1.63 min Scan# 143

Delta R.T. 0.03 min

Lab File: VU029082.D

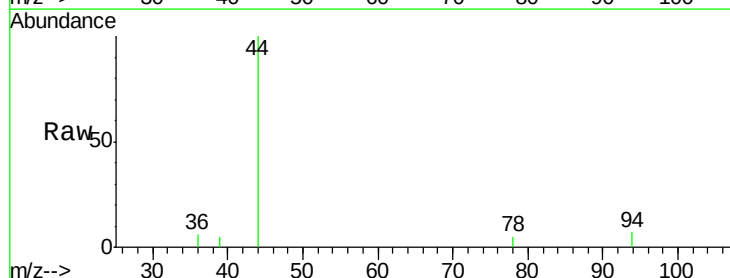
Acq: 09 Jan 2019 10:02

Tgt Ion: 94 Resp: 152

Ion Ratio Lower Upper

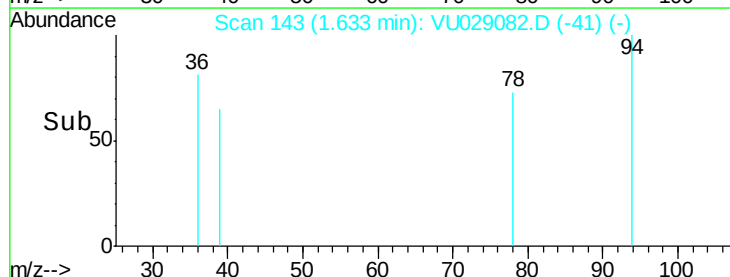
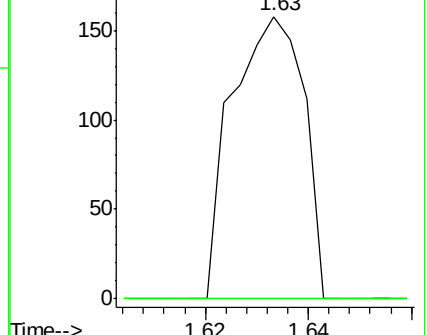
94 100

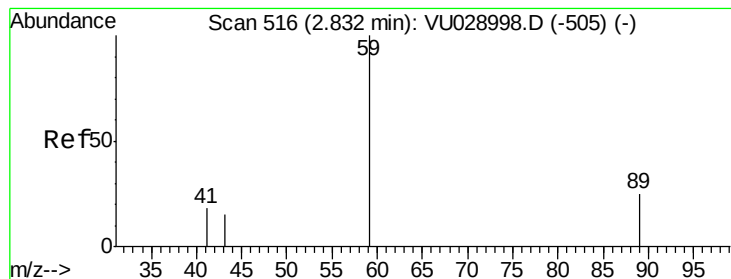
96 0.0 75.5 113.3#



Abundance Ion 93.90 (93.60 to 94.60): VU028994.D (-125) (-)

Ion 95.90 (95.60 to 96.60): VU028994.D (-125) (-)



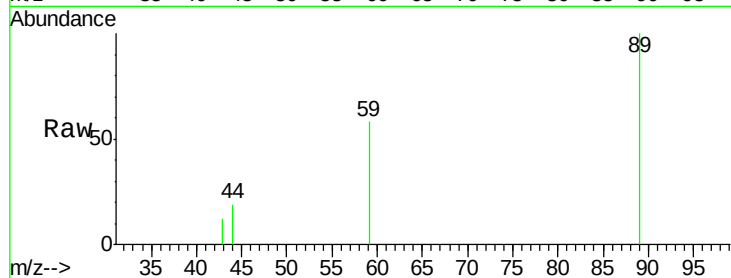


#11

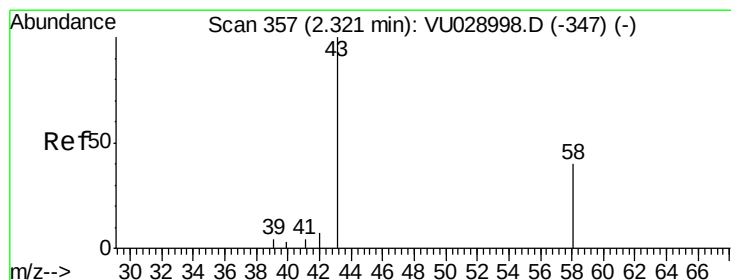
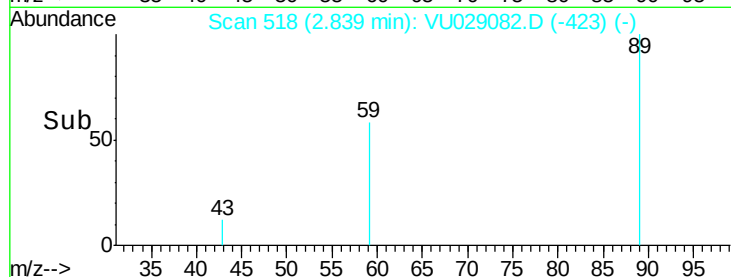
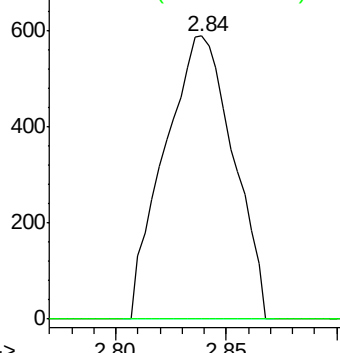
Tert butyl alcohol
 Concen: 3.538 ug/l
 RT: 2.84 min Scan# 518
 Delta R.T. 0.01 min
 Lab File: VU029082.D
 Acq: 09 Jan 2019 10:02

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 59 Resp: 1267
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.9 11.9#



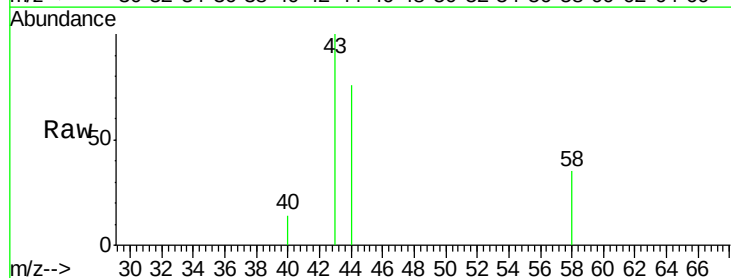
Abundance Ion 59.00 (58.70 to 59.70): VU0
 Ion 57.00 (56.70 to 57.70): VU0



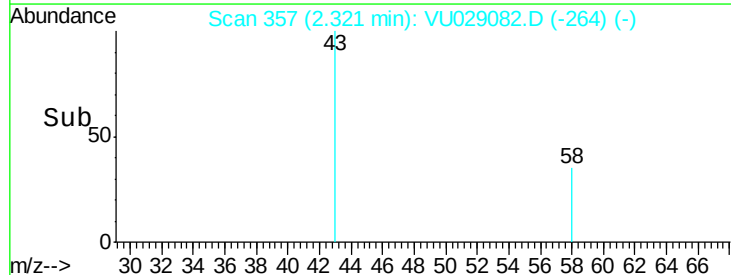
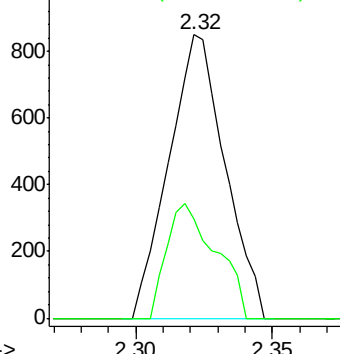
#16

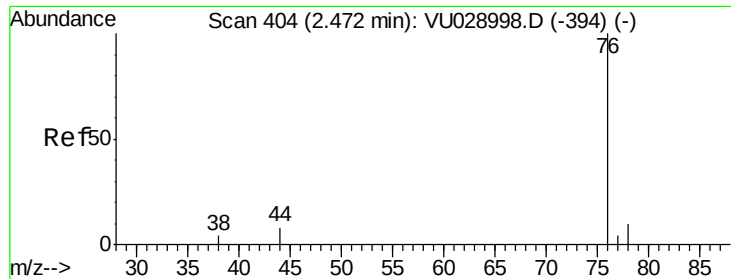
Acetone
 Concen: 1.363 ug/l
 RT: 2.32 min Scan# 357
 Delta R.T. 0.00 min
 Lab File: VU029082.D
 Acq: 09 Jan 2019 10:02

Tgt Ion: 43 Resp: 1210
 Ion Ratio Lower Upper
 43 100
 58 35.1 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 58.00 (57.70 to 58.70): VU0

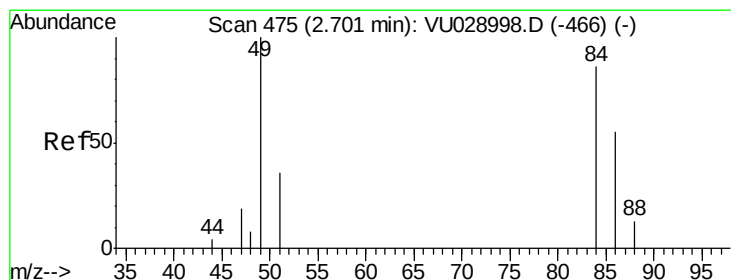
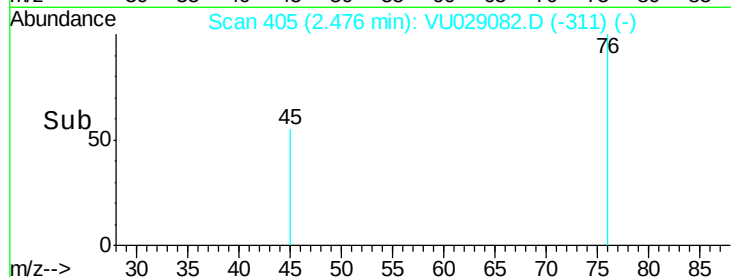
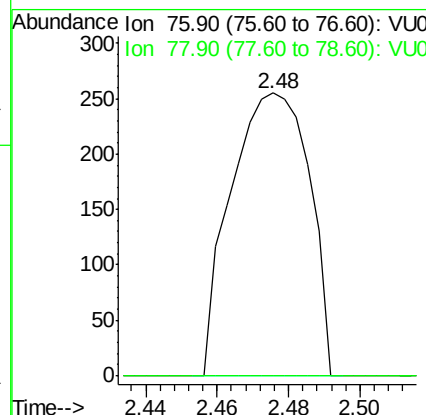
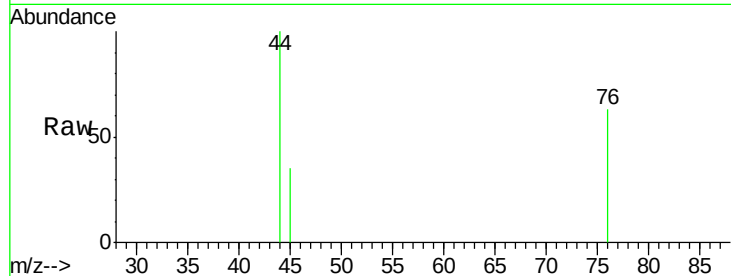




#17
Carbon Disulfide
Concen: Below Cal
RT: 2.48 min Scan# 405
Delta R.T. 0.00 min
Lab File: VU029082.D
Acq: 09 Jan 2019 10:02

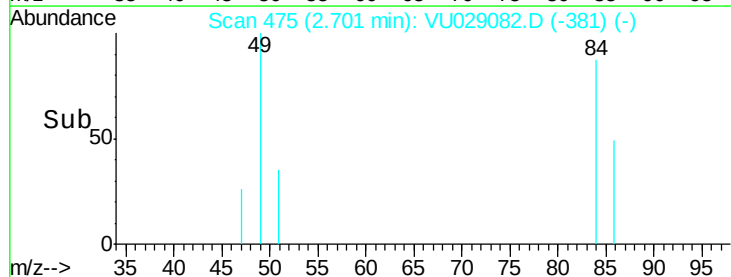
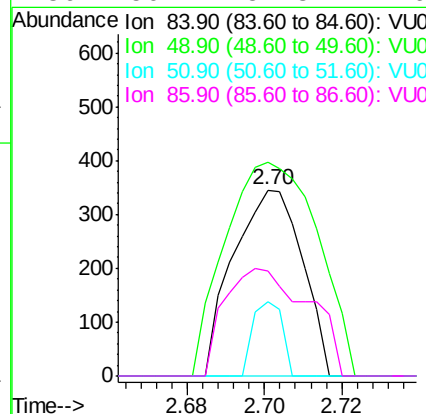
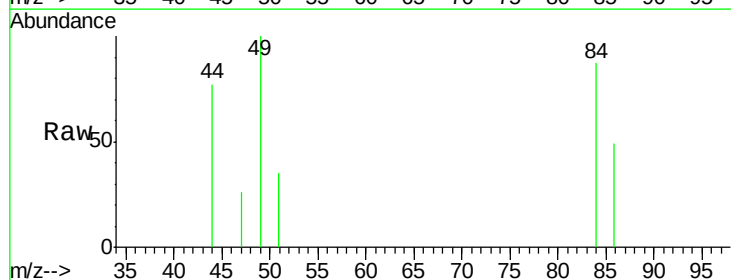
Instrument :
MSVOA_U
ClientSampled :

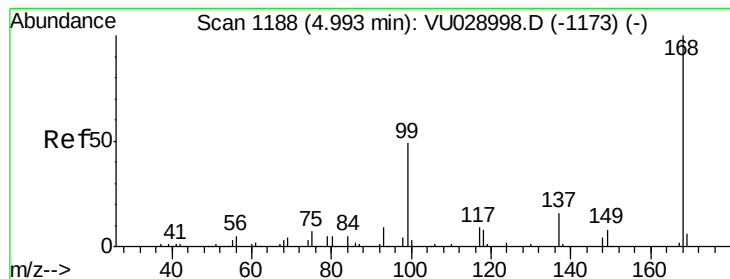
Tot Ion: 76 Resp: 386
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 0.284 ug/l
RT: 2.70 min Scan# 475
Delta R.T. 0.00 min
Lab File: VU029082.D
Acq: 09 Jan 2019 10:02

Tgt Ion: 84 Resp: 428
Ion Ratio Lower Upper
84 100
49 115.1 91.9 137.9
51 40.0 29.2 43.8
86 56.2 51.8 77.6





#31

Cyclohexane

Concen: Below Cal

RT: 4.98 min Scan# 1185

Delta R.T. -0.01 min

Lab File: VU029082.D

Acq: 09 Jan 2019 10:02

Instrument :

MSVOA_U

ClientSampleId :

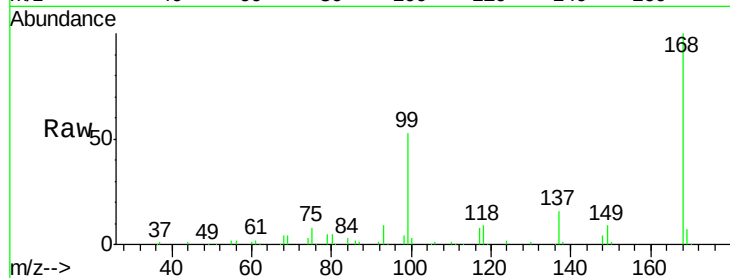
Tot Ion: 56 Resp: 1998

Ion Ratio Lower Upper

56 100

69 177.3 26.7 40.1#

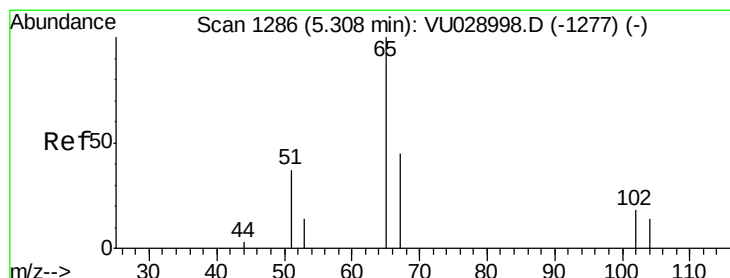
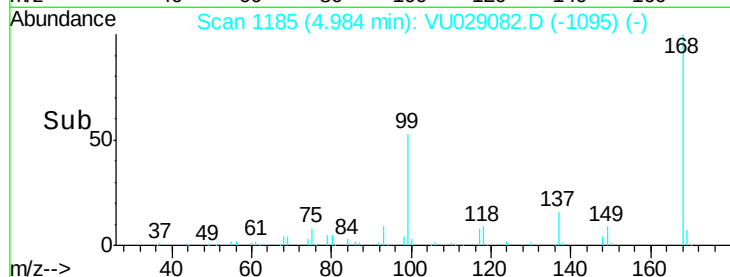
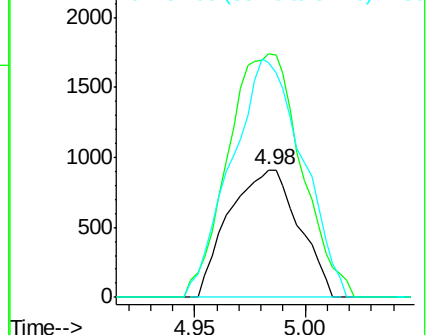
84 173.2 65.7 98.5#



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: 54.448 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. 0.00 min

Lab File: VU029082.D

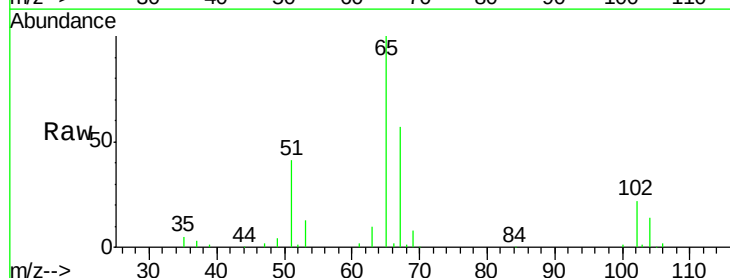
Acq: 09 Jan 2019 10:02

Tgt Ion: 65 Resp: 76711

Ion Ratio Lower Upper

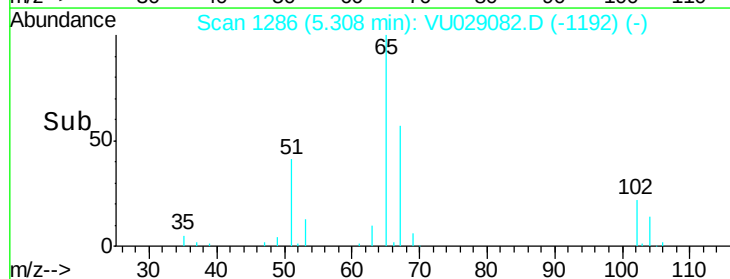
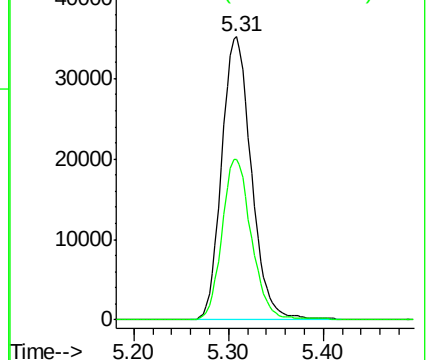
65 100

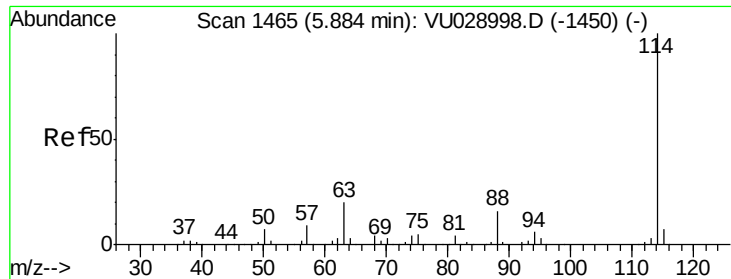
67 56.1 0.0 111.0



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: VU029082.D

Acq: 09 Jan 2019 10:02

Instrument :

MSVOA_U

ClientSampleId :

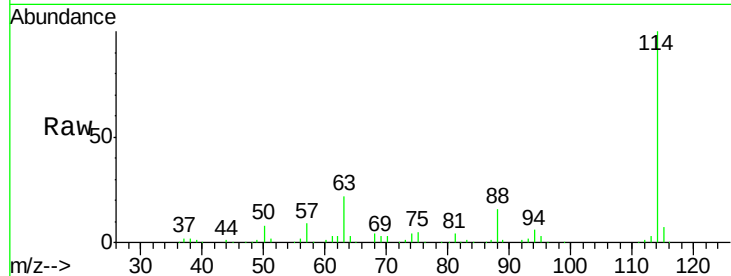
Tot Ion:114 Resp: 192656

Ion Ratio Lower Upper

114 100

63 21.7 0.0 40.2

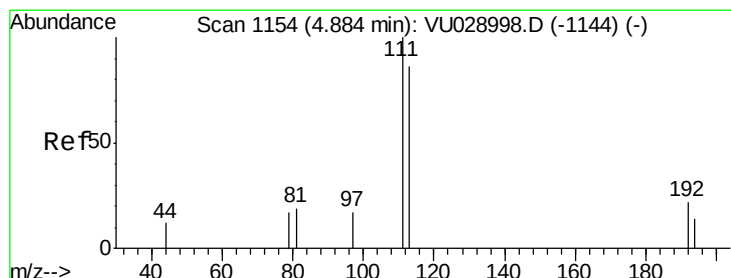
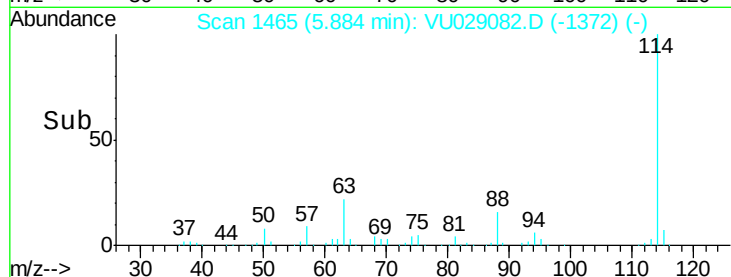
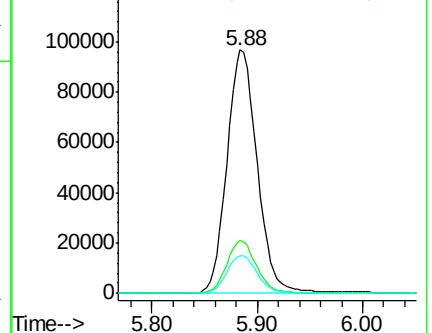
88 15.5 0.0 30.4



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: 53.213 ug/l

RT: 4.88 min Scan# 1153

Delta R.T. 0.00 min

Lab File: VU029082.D

Acq: 09 Jan 2019 10:02

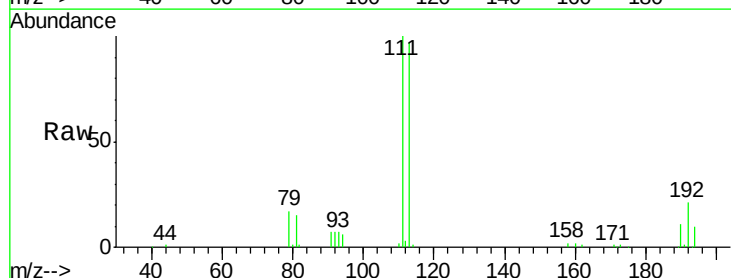
Tgt Ion:113 Resp: 66455

Ion Ratio Lower Upper

113 100

111 102.9 81.4 122.2

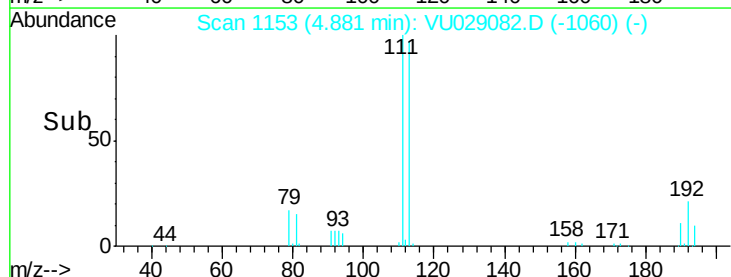
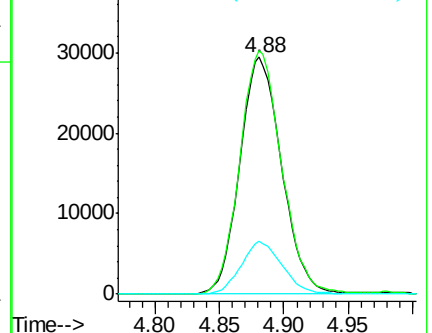
192 21.7 16.8 25.2

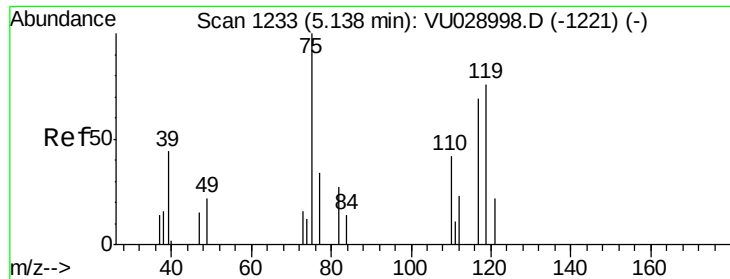


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

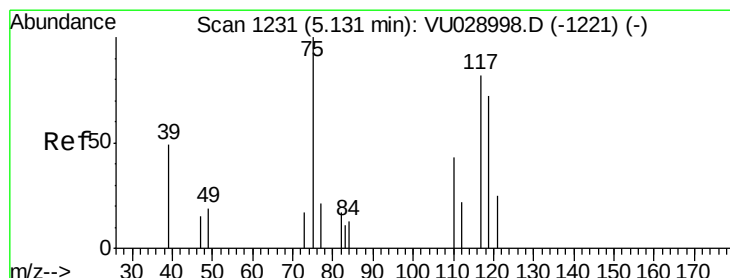
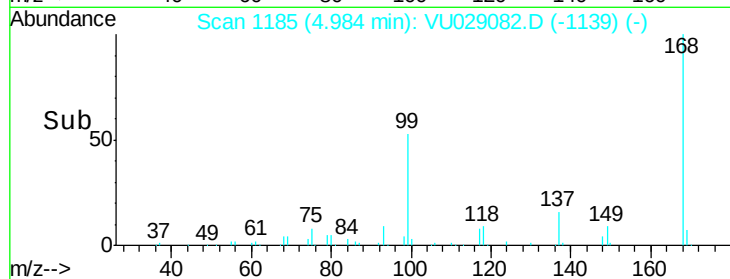
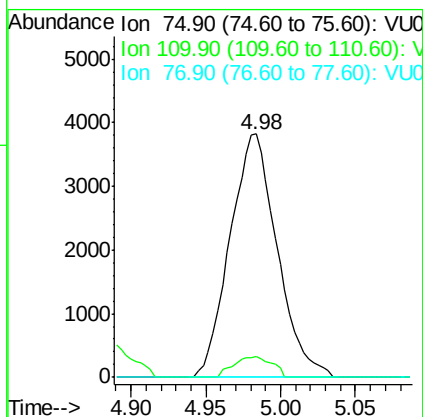
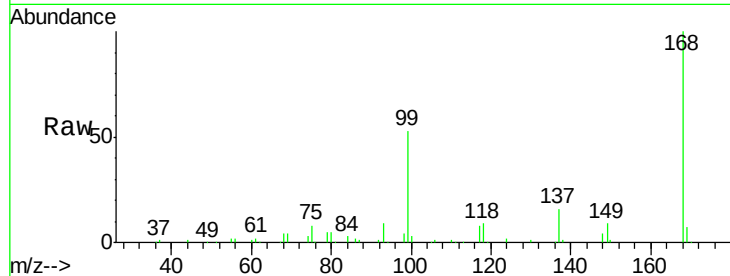




#36
 1,1-Dichloropropene
 Concen: 4.355 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU029082.D
 Acq: 09 Jan 2019 10:02

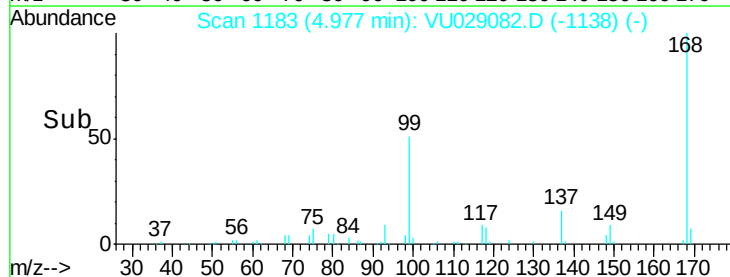
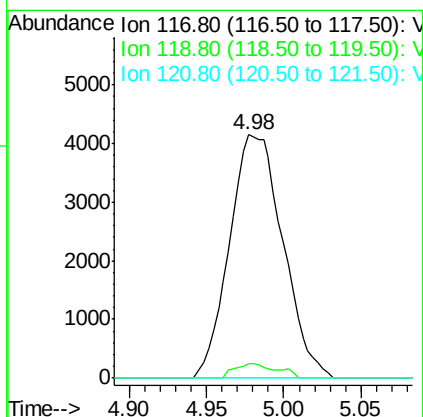
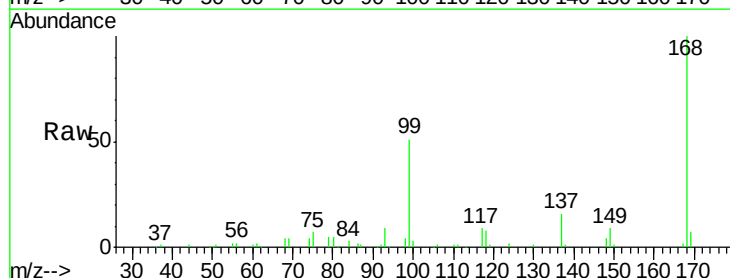
Instrument :
 MSVOA_U
 ClientSampled :

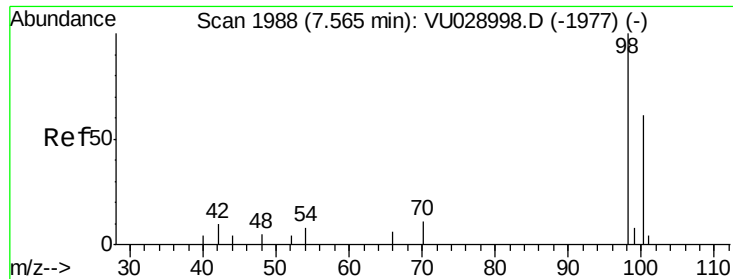
Tot Ion: 75 Resp: 8386
 Ion Ratio Lower Upper
 75 100
 110 7.0 18.4 55.4#
 77 0.0 25.1 37.7#



#38
 Carbon Tetrachloride
 Concen: 6.188 ug/l
 RT: 4.98 min Scan# 1183
 Delta R.T. -0.15 min
 Lab File: VU029082.D
 Acq: 09 Jan 2019 10:02

Tgt Ion: 117 Resp: 9938
 Ion Ratio Lower Upper
 117 100
 119 5.8 74.6 111.8#
 121 0.0 25.0 37.6#

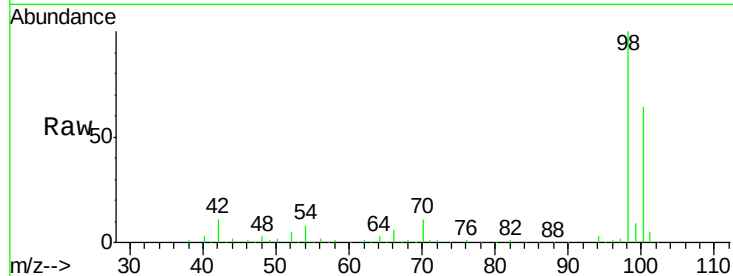




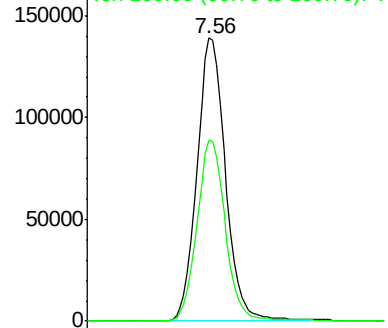
#50
Toluene-d8
Concen: 49.537 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VU029082.D
Acq: 09 Jan 2019 10:02

Instrument :
MSVOA_U
ClientSampleId :

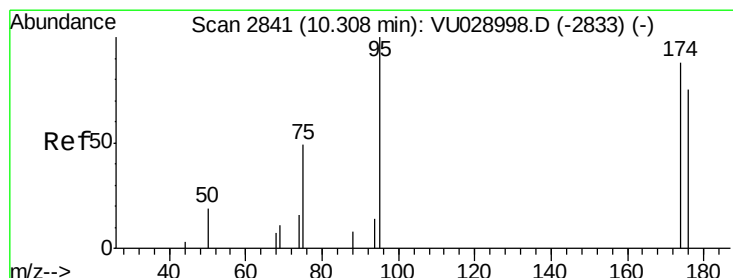
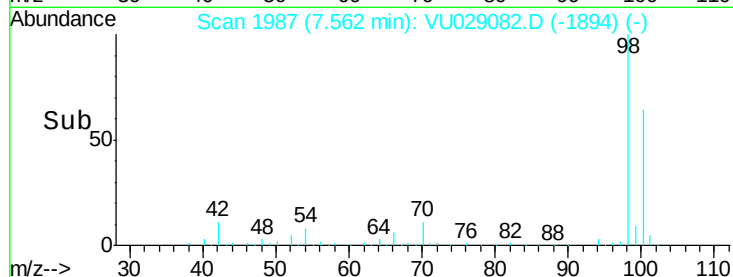
Tot Ion: 98 Resp: 244231
Ion Ratio Lower Upper
98 100
100 63.9 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VU028998.D (-1977) (-)
Ion 100.00 (99.70 to 100.70): VU028998.D (-1977) (-)

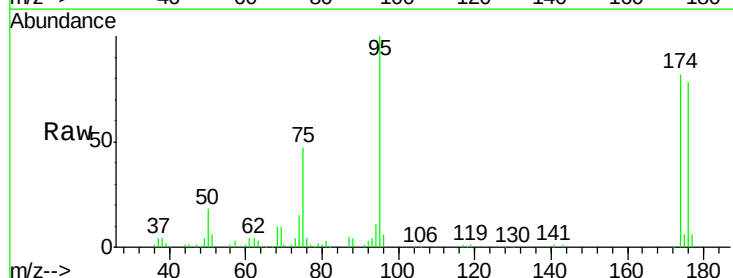


Time-->

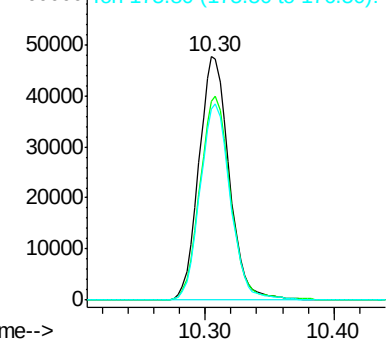


#62
4-Bromofluorobenzene
Concen: 43.740 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VU029082.D
Acq: 09 Jan 2019 10:02

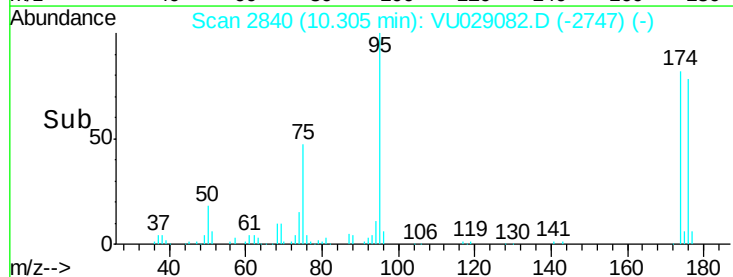
Tgt Ion: 95 Resp: 77502
Ion Ratio Lower Upper
95 100
174 84.9 0.0 170.6
176 81.0 0.0 165.0

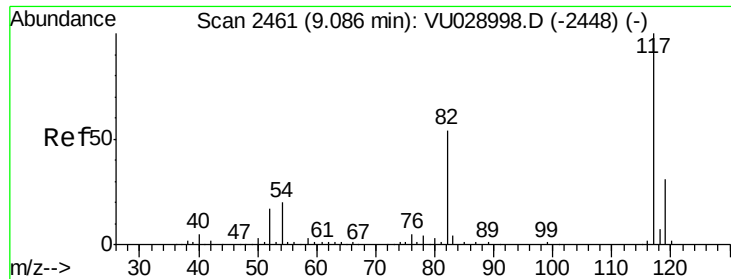


Abundance Ion 94.90 (94.60 to 95.60): VU028998.D (-2833) (-)
Ion 173.80 (173.50 to 174.50): VU028998.D (-2833) (-)
Ion 175.80 (175.50 to 176.50): VU028998.D (-2833) (-)



Time-->

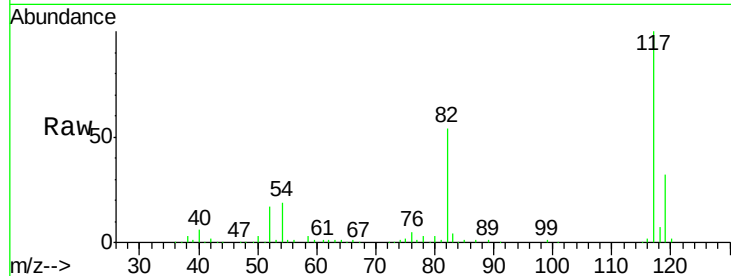




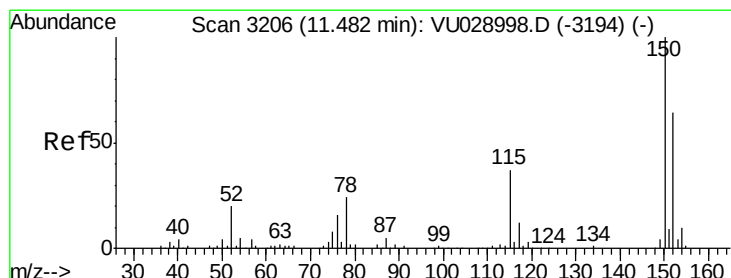
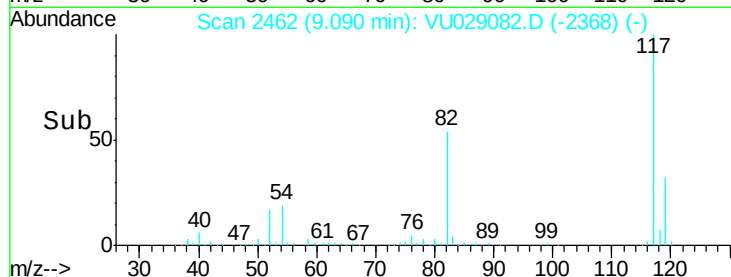
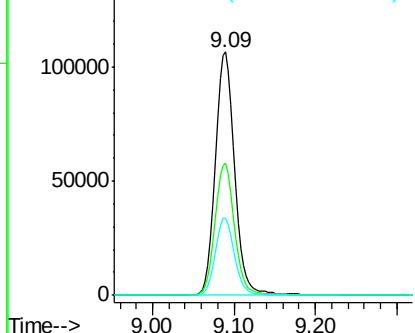
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU029082.D
Acq: 09 Jan 2019 10:02

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:117 Resp: 180375
Ion Ratio Lower Upper
117 100
82 54.1 43.9 65.9
119 31.7 26.0 39.0

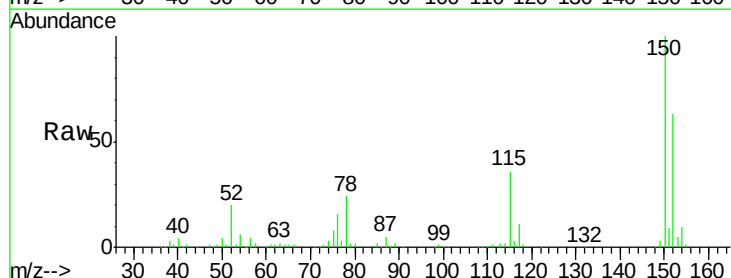


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

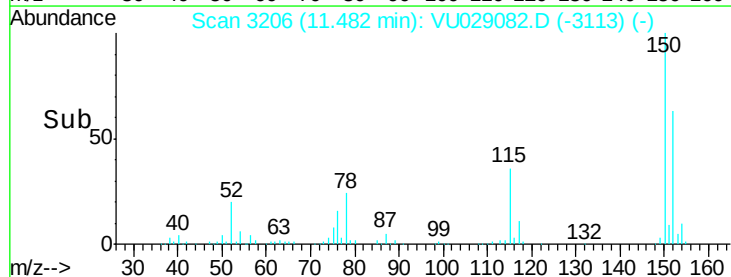
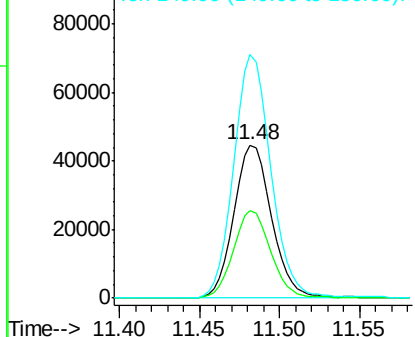


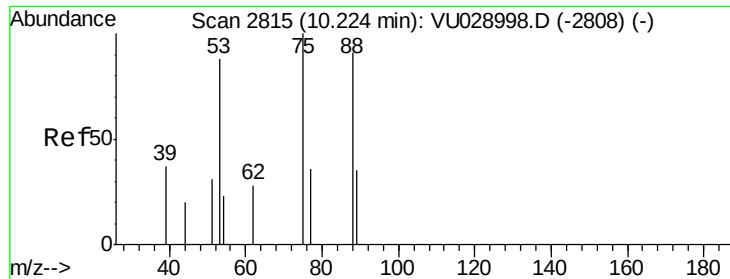
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. 0.00 min
Lab File: VU029082.D
Acq: 09 Jan 2019 10:02

Tgt Ion:152 Resp: 71548
Ion Ratio Lower Upper
152 100
115 57.0 40.1 120.3
150 157.9 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: 21.122 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.19 min

Lab File: VU029082.D

Acq: 09 Jan 2019 10:02

Instrument :

MSVOA_U

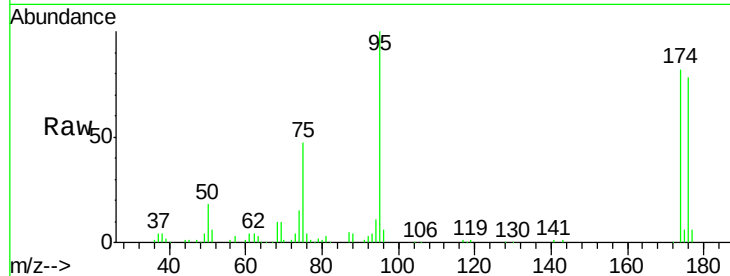
ClientSampled :

Tot Ion: 75 Resp: 37028

Ion Ratio Lower Upper

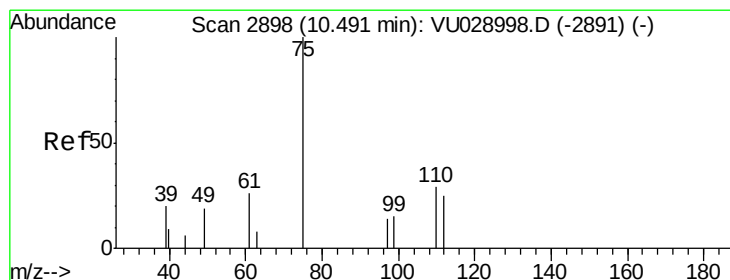
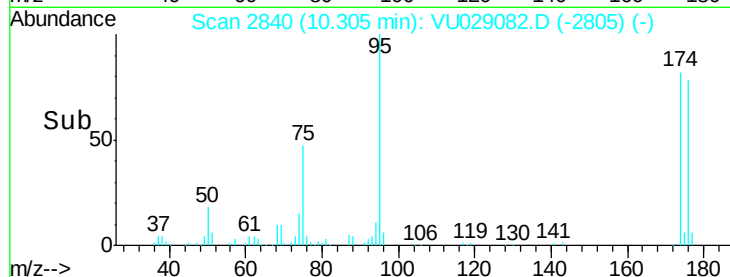
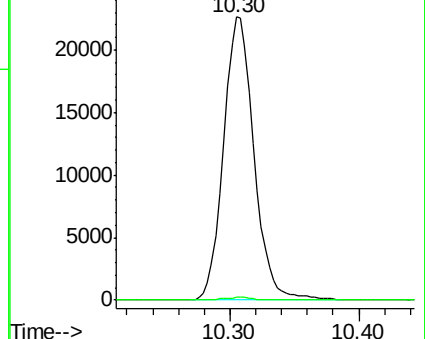
75 100

77 0.9 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: 54.475 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.21 min

Lab File: VU029082.D

Acq: 09 Jan 2019 10:02

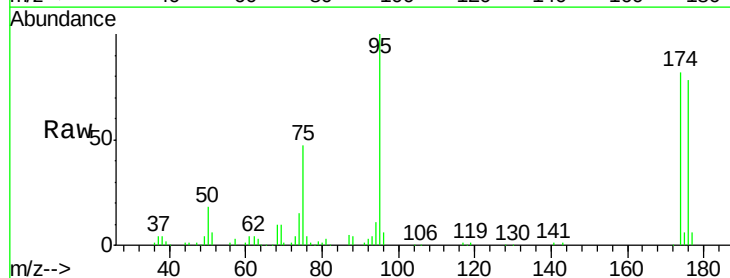
Tgt Ion: 75 Resp: 37028

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

