

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011419\
 Data File : VU029157.D
 Acq On : 14 Jan 2019 11:47
 Operator : JC/SP
 Sample : K1137-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 14 22:45:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 12 01:33:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	114825	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	203710	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	186499	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	73547	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	76939	54.20	ug/l	0.00
Spiked Amount			Recovery	=	108.40%	
35) Dibromofluoromethane	4.88	113	67603	51.19	ug/l	0.00
Spiked Amount			Recovery	=	102.38%	
50) Toluene-d8	7.56	98	254717	48.86	ug/l	0.00
Spiked Amount			Recovery	=	97.72%	
62) 4-Bromofluorobenzene	10.30	95	78790	42.05	ug/l	0.00
Spiked Amount			Recovery	=	84.10%	

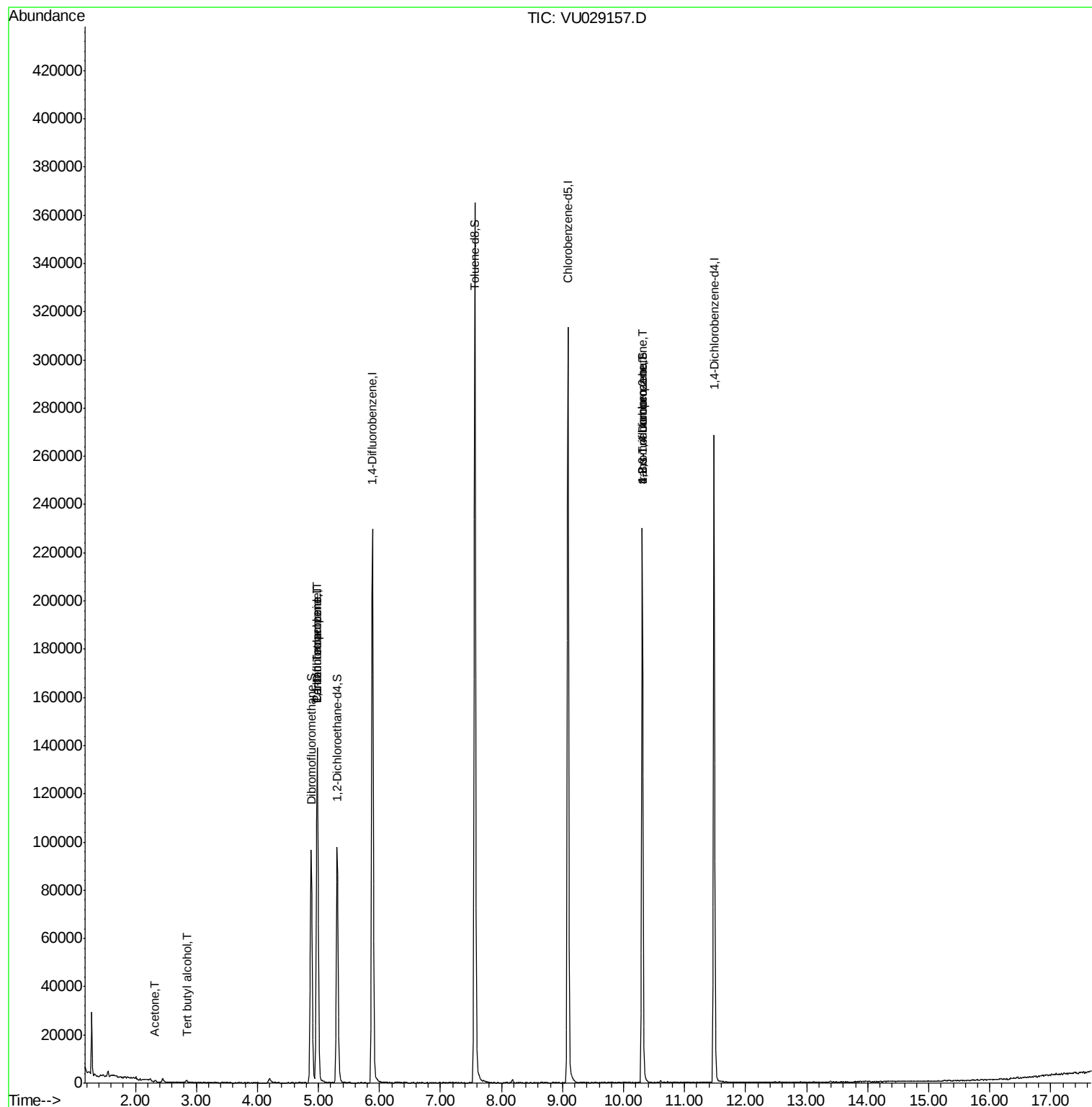
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	1034	Below Cal		94
5) Bromomethane	1.62	94	113	Below Cal	#	2
11) Tert butyl alcohol	2.84	59	697	1.932	ug/l #	73
16) Acetone	2.32	43	761	0.851	ug/l	96
17) Carbon Disulfide	2.48	76	363	Below Cal	#	75
31) Cyclohexane	4.98	56	2204	Below Cal	#	1
36) 1,1-Dichloropropene	4.98	75	7965	3.912	ug/l #	46
38) Carbon Tetrachloride	4.98	117	10352	6.096	ug/l #	16
76) 1,2,3-Trichloropropane	10.30	75	38168	21.181	ug/l #	36
81) trans-1,4-Dichloro-2-buten	10.30	75	38168	54.626	ug/l #	100

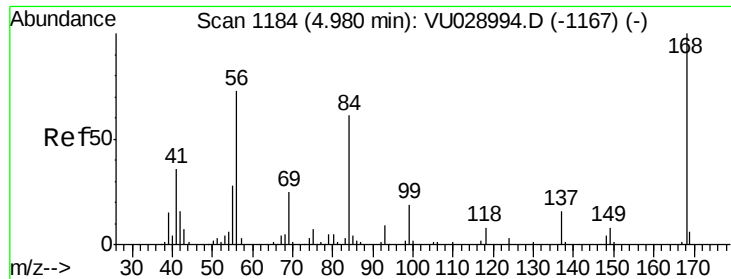
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU011419\
Data File : VU029157.D
Acq On : 14 Jan 2019 11:47
Operator : JC/SP
Sample : K1137-04
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jan 14 22:45:44 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
Quant Title : SW846 8260
QLast Update : Sat Jan 12 01:33:59 2019
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: VU029157.D

Acq: 14 Jan 2019 11:47

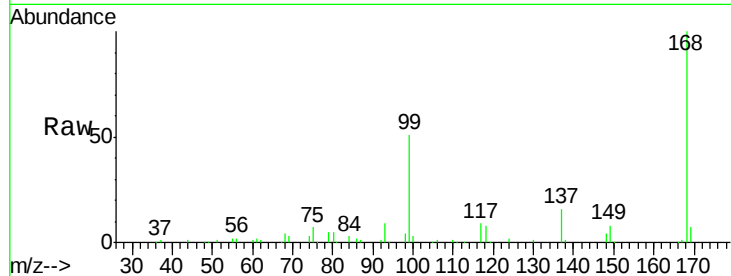
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:168 Resp: 114825

Ion Ratio Lower Upper

168 100

99 51.5 42.0 63.0

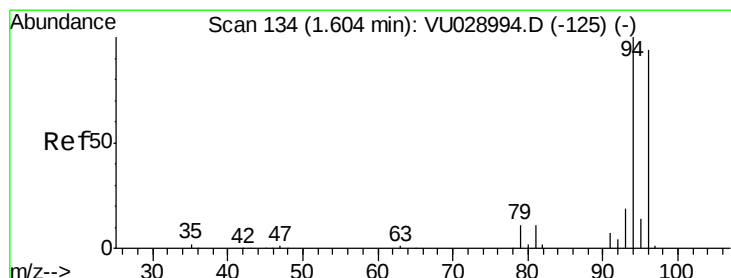
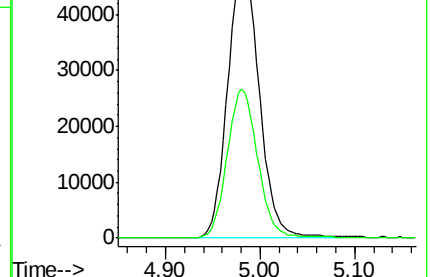
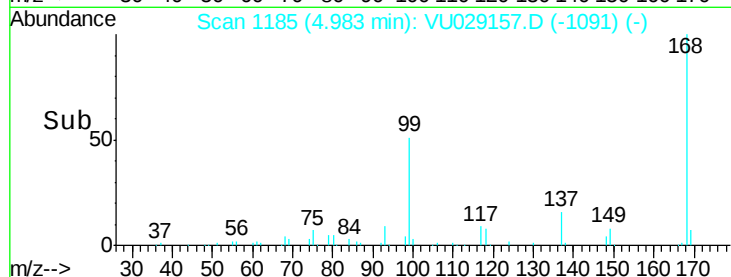


Abundance Ion 167.90 (167.60 to 168.60): VU028994.D (-1167) (-)

Ion 98.90 (98.60 to 99.60): VU028994.D (-1167) (-)

4.98

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 1.62 min Scan# 138

Delta R.T. 0.01 min

Lab File: VU029157.D

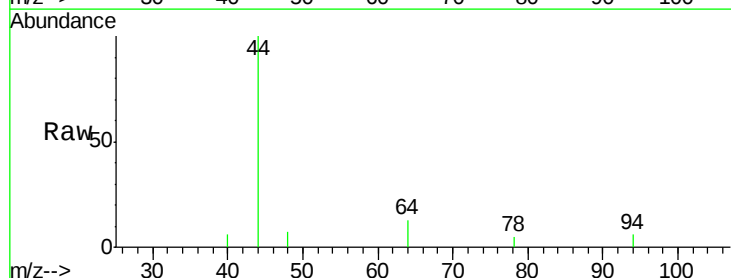
Acq: 14 Jan 2019 11:47

Tgt Ion: 94 Resp: 113

Ion Ratio Lower Upper

94 100

96 0.0 75.5 113.3#

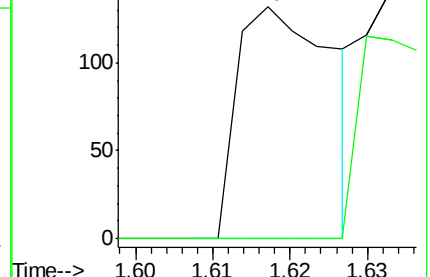
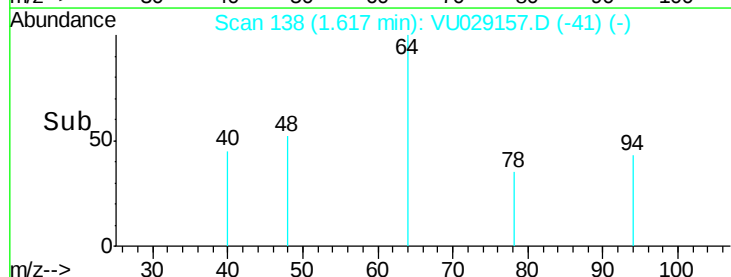


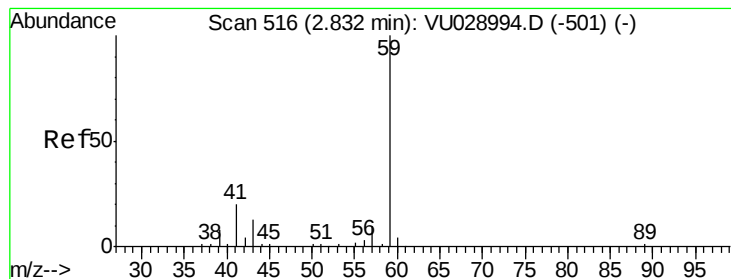
Abundance Ion 93.90 (93.60 to 94.60): VU028994.D (-125) (-)

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

1.62

Time-->



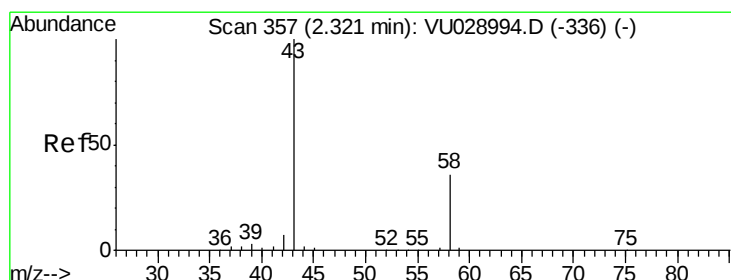
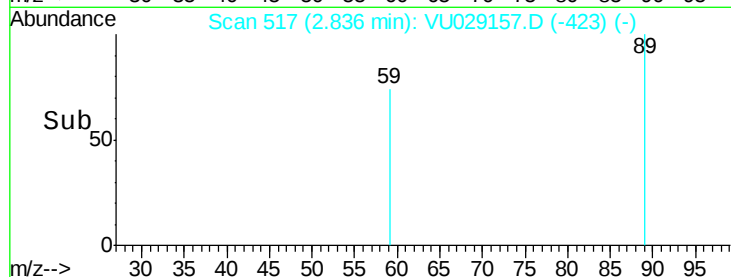
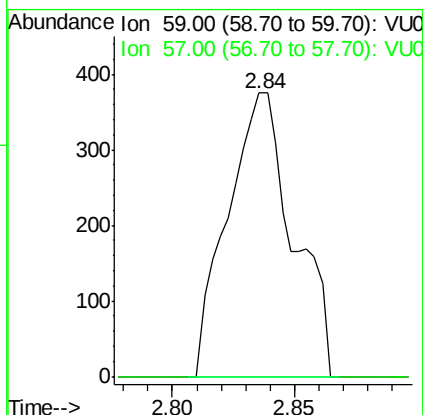
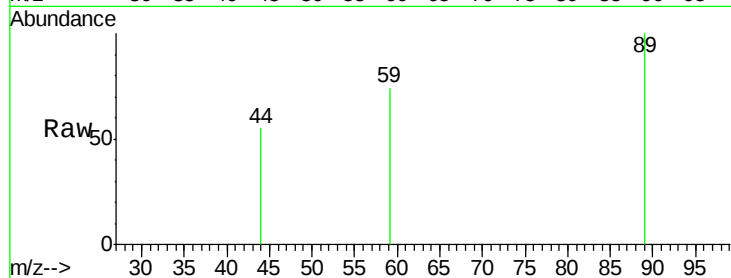


#11

Tert butyl alcohol
 Concen: 1.932 ug/l
 RT: 2.84 min Scan# 517
 Delta R.T. 0.00 min
 Lab File: VU029157.D
 Acq: 14 Jan 2019 11:47

Instrument :
 MSVOA_U
 ClientSampled :

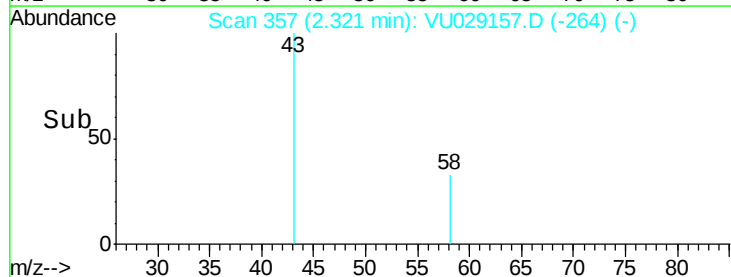
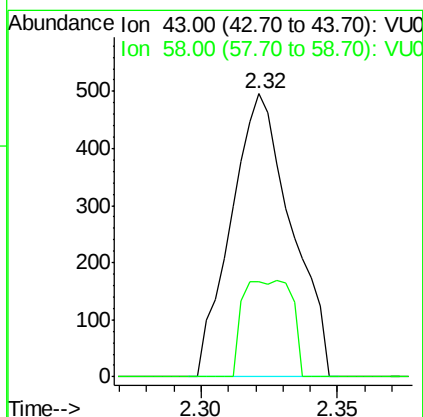
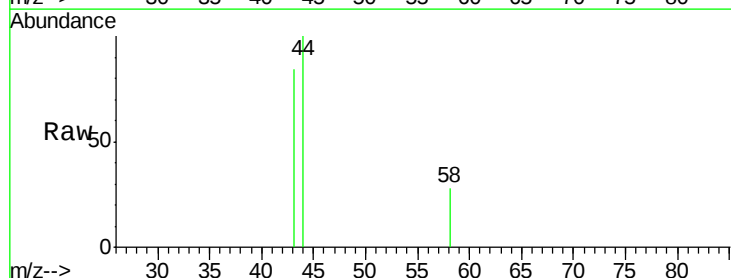
Tot Ion: 59 Resp: 697
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.9 11.9#

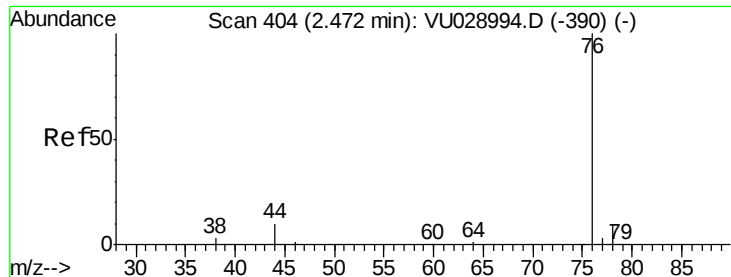


#16

Acetone
 Concen: 0.851 ug/l
 RT: 2.32 min Scan# 357
 Delta R.T. 0.00 min
 Lab File: VU029157.D
 Acq: 14 Jan 2019 11:47

Tgt Ion: 43 Resp: 761
 Ion Ratio Lower Upper
 43 100
 58 33.5 28.6 42.8





#17

Carbon Disulfide

Concen: Below Cal

RT: 2.48 min Scan# 405

Delta R.T. 0.00 min

Lab File: VU029157.D

Acq: 14 Jan 2019 11:47

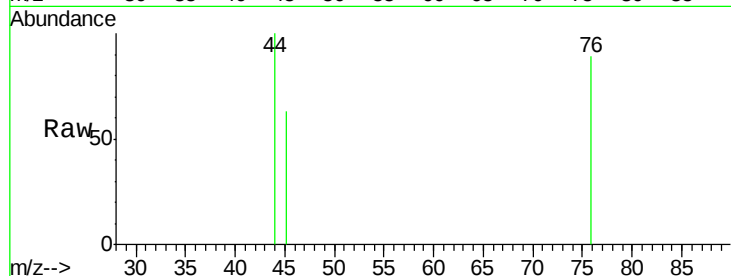
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 76 Resp: 363

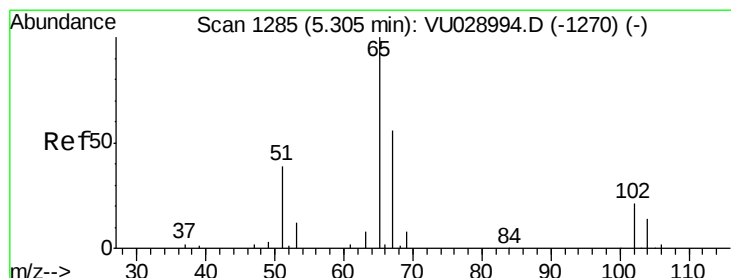
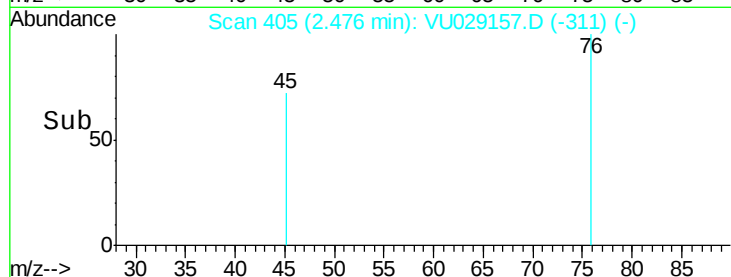
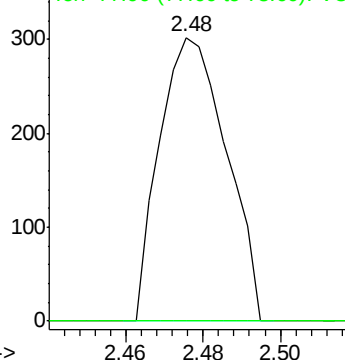
Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VU0
Ion 77.90 (77.60 to 78.60): VU0



#33

1,2-Dichloroethane-d4

Concen: 54.203 ug/l

RT: 5.31 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VU029157.D

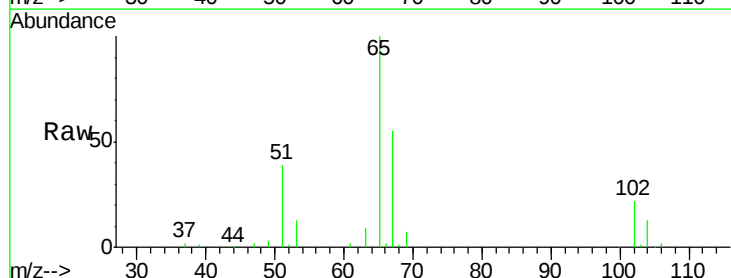
Acq: 14 Jan 2019 11:47

Tgt Ion: 65 Resp: 76939

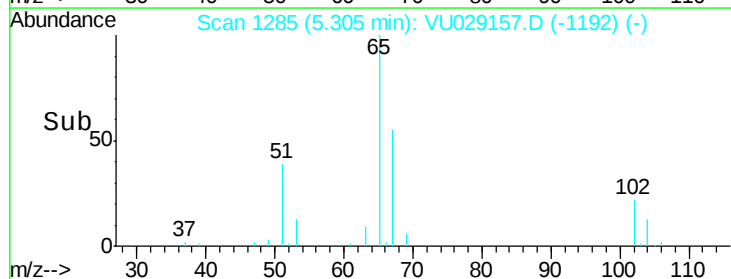
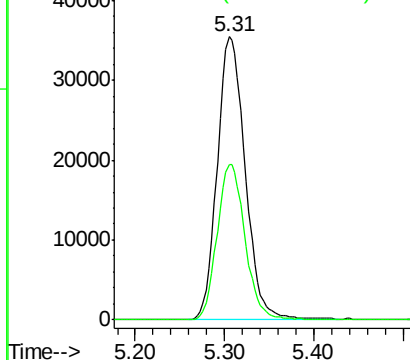
Ion Ratio Lower Upper

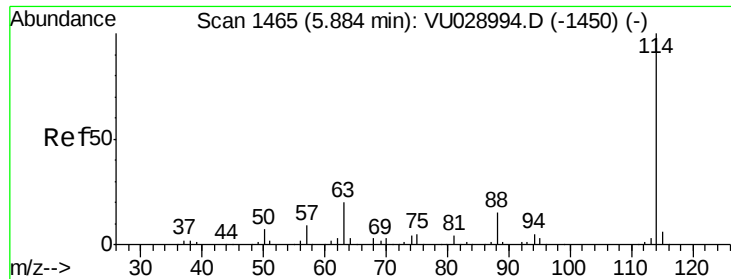
65 100

67 54.5 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VU0
Ion 66.90 (66.60 to 67.60): VU0

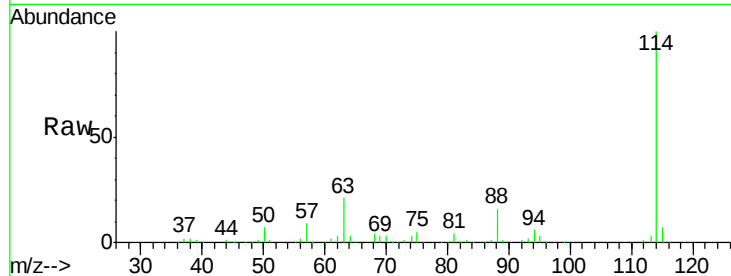




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: VU029157.D
 Acq: 14 Jan 2019 11:47

Instrument :
 MSVOA_U
 ClientSampleId :

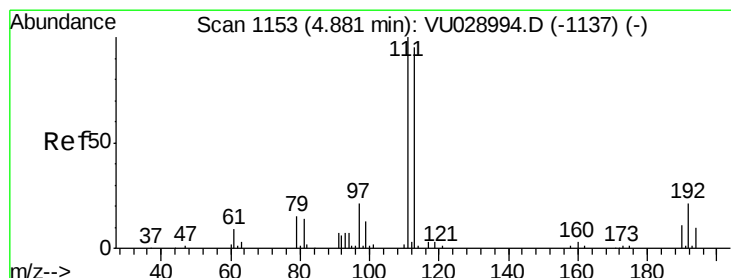
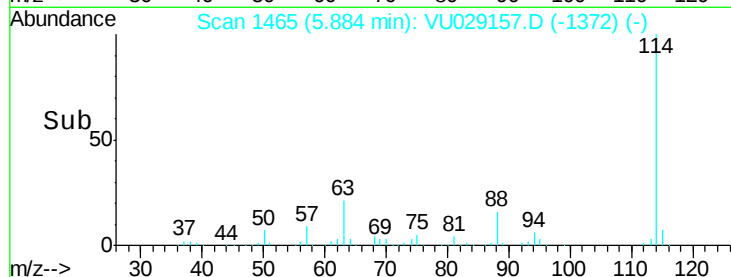
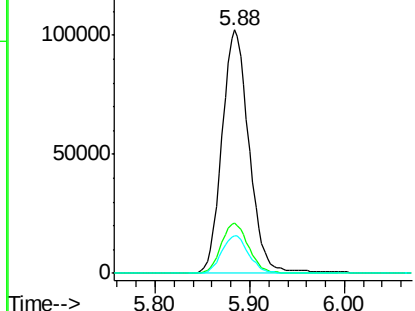
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	40.2
88	15.6	0.0	30.4



Abundance Ion 113.90 (113.60 to 114.60): V

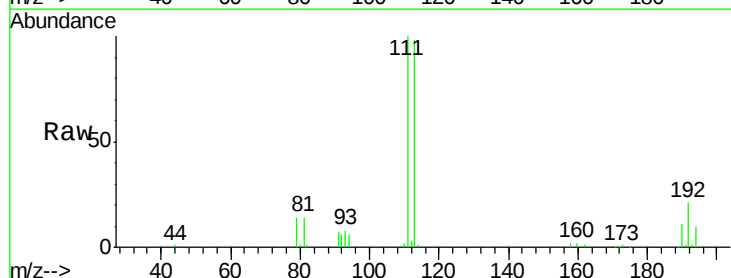
Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0



#35
 Dibromofluoromethane
 Concen: 51.195 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: VU029157.D
 Acq: 14 Jan 2019 11:47

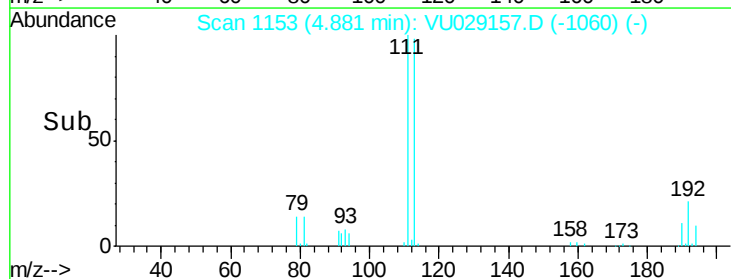
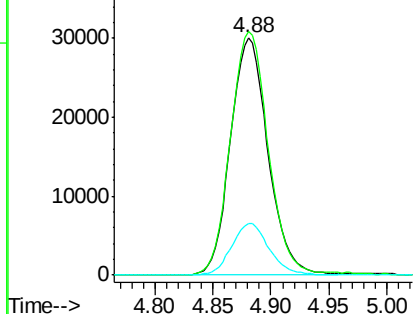
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.4	122.2
192	21.9	16.8	25.2

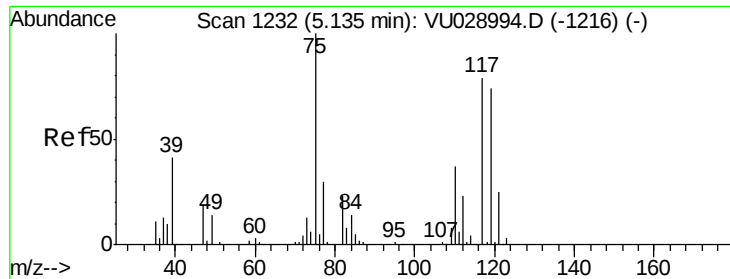


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

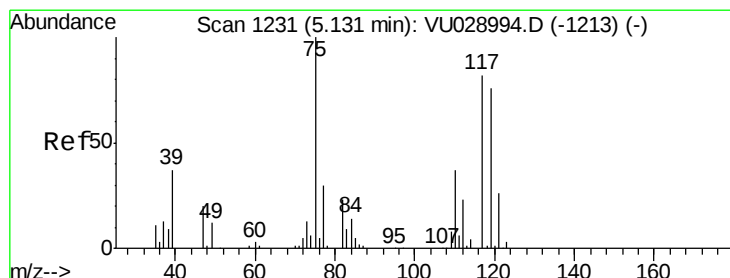
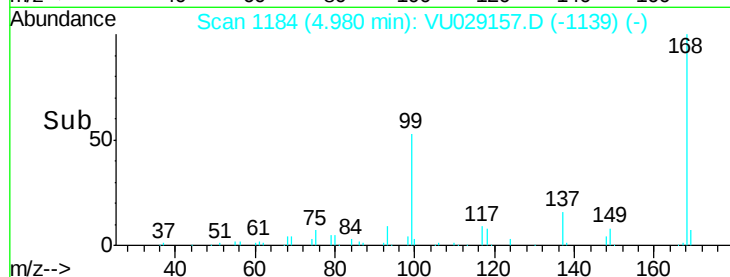
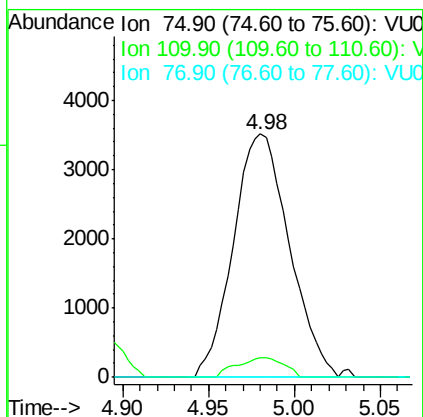
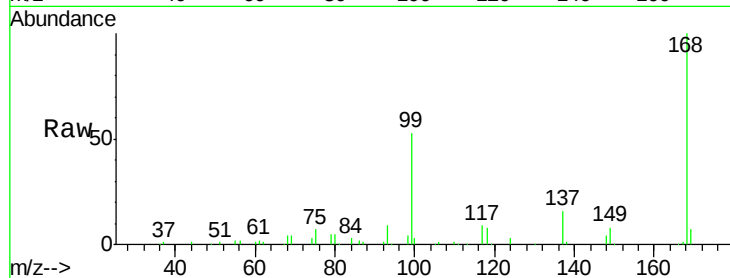




#36
 1,1-Dichloropropene
 Concen: 3.912 ug/l
 RT: 4.98 min Scan# 1184
 Delta R.T. -0.15 min
 Lab File: VU029157.D
 Acq: 14 Jan 2019 11:47

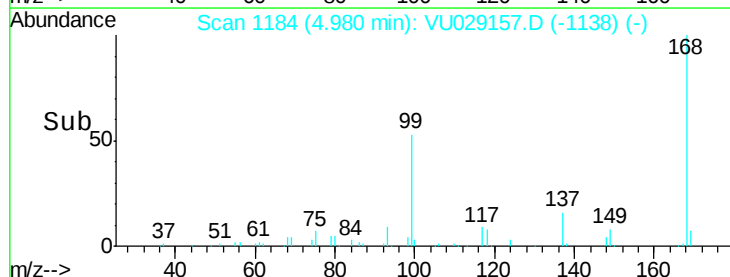
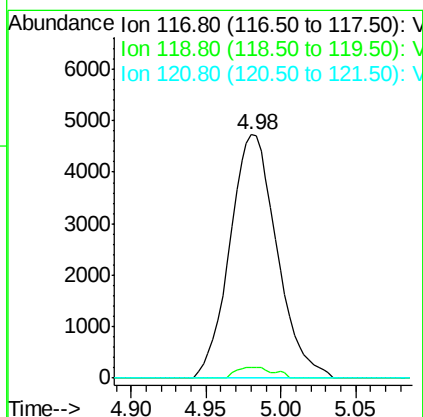
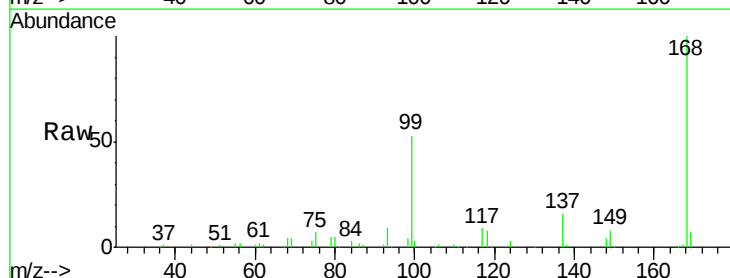
Instrument :
 MSVOA_U
 ClientSampleId :

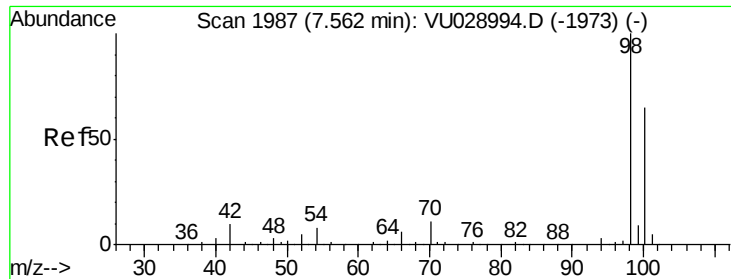
Tot Ion: 75 Resp: 7965
 Ion Ratio Lower Upper
 75 100
 110 6.7 18.4 55.4#
 77 0.0 25.1 37.7#



#38
 Carbon Tetrachloride
 Concen: 6.096 ug/l
 RT: 4.98 min Scan# 1184
 Delta R.T. -0.15 min
 Lab File: VU029157.D
 Acq: 14 Jan 2019 11:47

Tgt Ion: 117 Resp: 10352
 Ion Ratio Lower Upper
 117 100
 119 4.1 74.6 111.8#
 121 0.0 25.0 37.6#





#50

Toluene-d8

Concen: 48.860 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VU029157.D

Acq: 14 Jan 2019 11:47

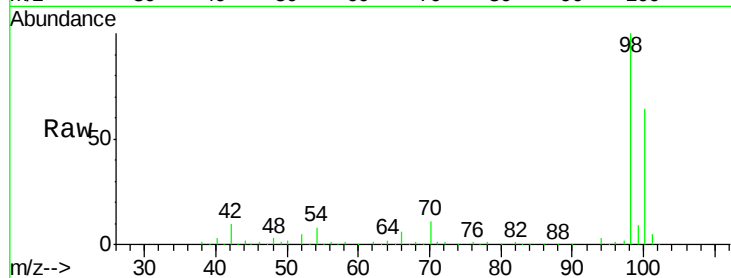
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 98 Resp: 254717

Ion Ratio Lower Upper

98 100

100 63.4 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VU028994.D (-1973) (-)

Ion 100.00 (99.70 to 100.70): VU028994.D (-1973) (-)

7.56

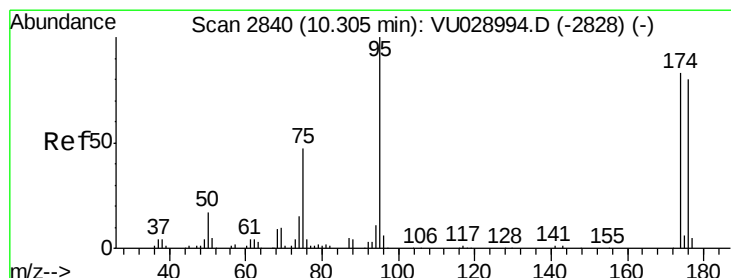
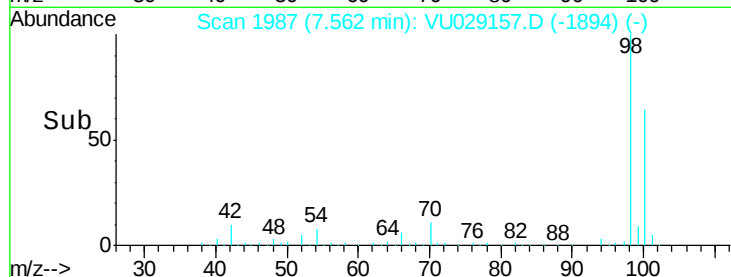
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 42.054 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. 0.00 min

Lab File: VU029157.D

Acq: 14 Jan 2019 11:47

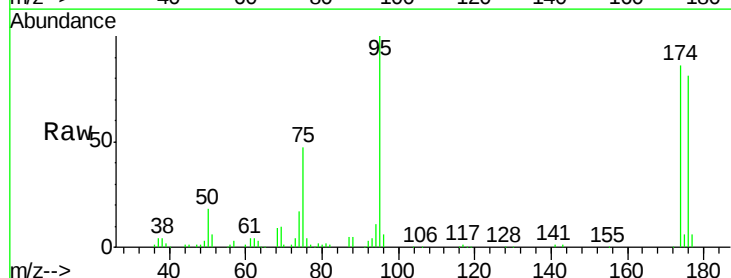
Tgt Ion: 95 Resp: 78790

Ion Ratio Lower Upper

95 100

174 85.5 0.0 170.6

176 83.1 0.0 165.0



Abundance Ion 94.90 (94.60 to 95.60): VU028994.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU028994.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU028994.D (-2828) (-)

10.30

60000

50000

40000

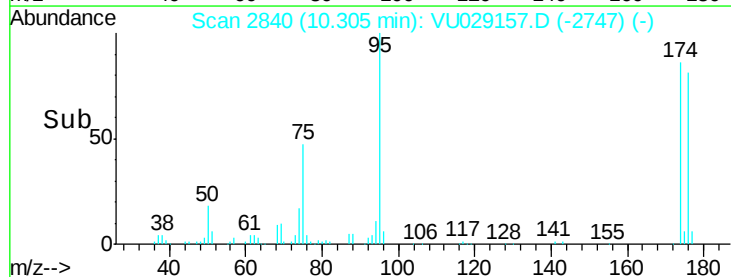
30000

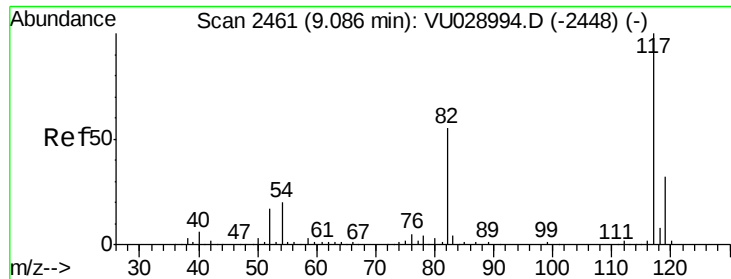
20000

10000

0

Time-->

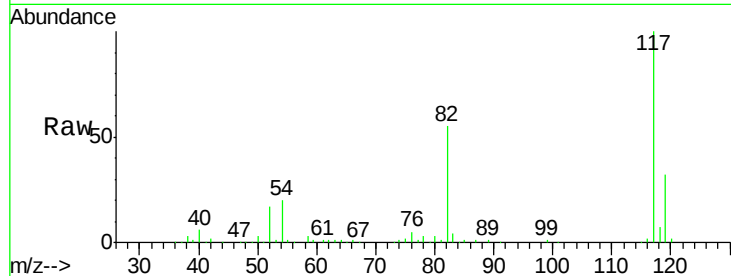




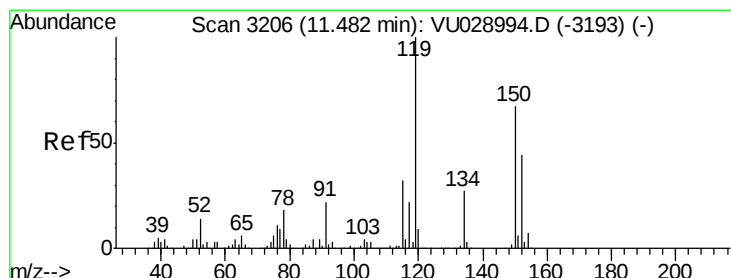
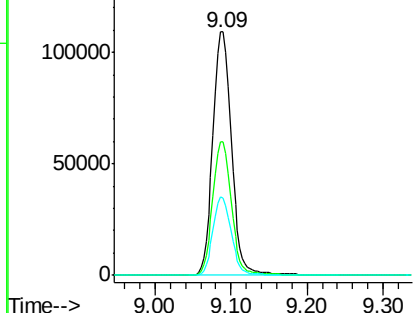
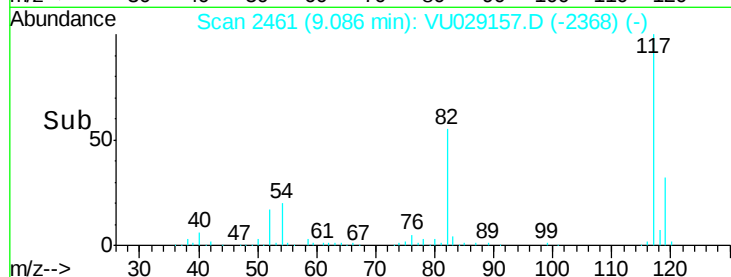
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2461
Delta R.T. 0.00 min
Lab File: VU029157.D
Acq: 14 Jan 2019 11:47

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:117 Resp: 186499
Ion Ratio Lower Upper
117 100
82 54.8 43.9 65.9
119 32.1 26.0 39.0

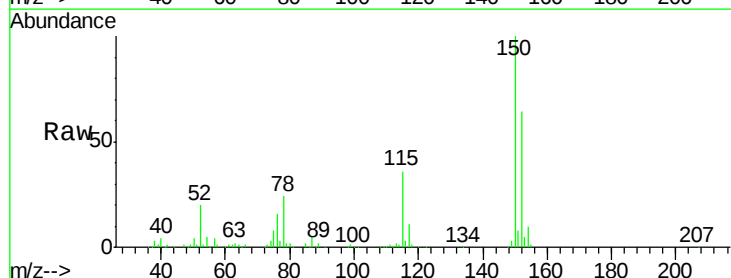


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

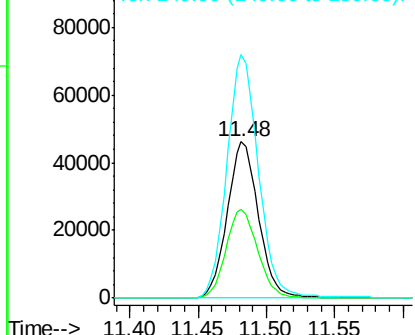
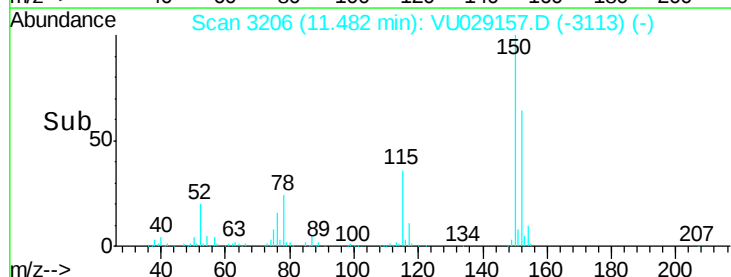


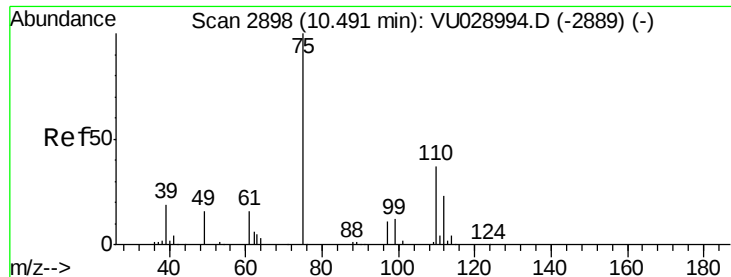
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. 0.00 min
Lab File: VU029157.D
Acq: 14 Jan 2019 11:47

Tgt Ion:152 Resp: 73547
Ion Ratio Lower Upper
152 100
115 58.1 40.1 120.3
150 157.5 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: 21.181 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.19 min

Lab File: VU029157.D

Acq: 14 Jan 2019 11:47

Instrument :

MSVOA_U

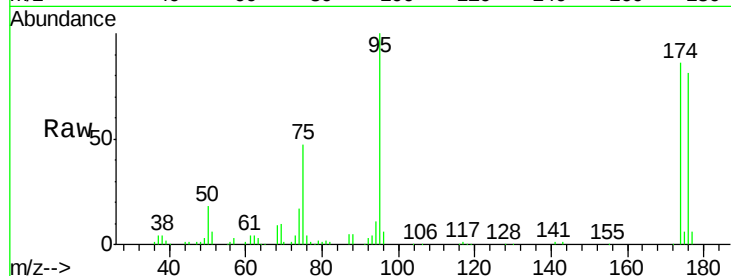
ClientSampled :

Tot Ion: 75 Resp: 38168

Ion Ratio Lower Upper

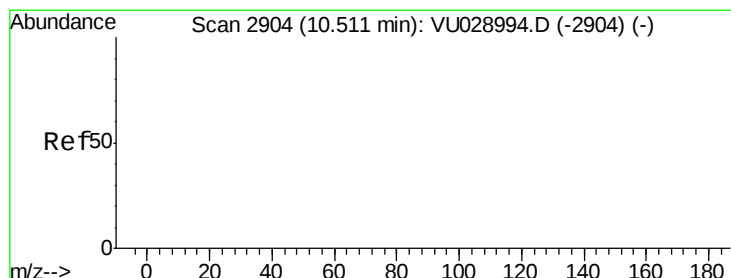
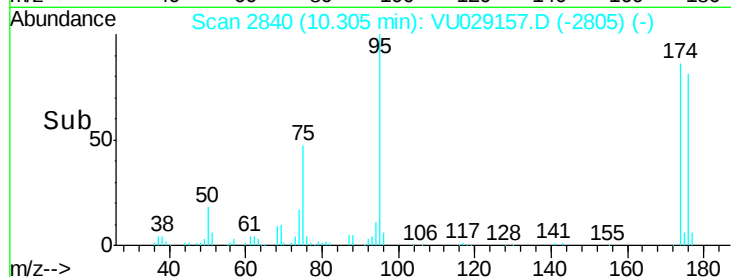
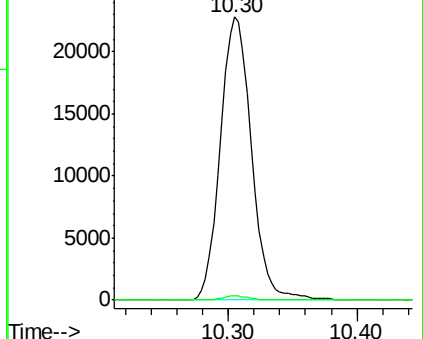
75 100

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: 54.626 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.21 min

Lab File: VU029157.D

Acq: 14 Jan 2019 11:47

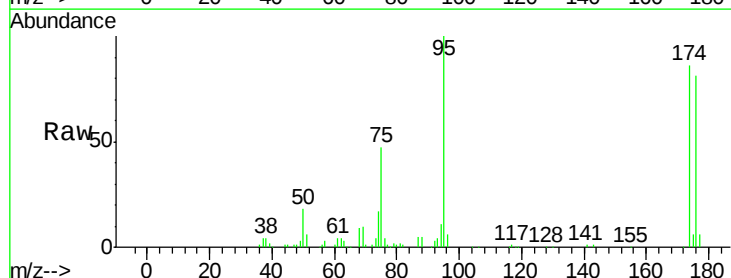
Tgt Ion: 75 Resp: 38168

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.1 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

