

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011419\
 Data File : VU029156.D
 Acq On : 14 Jan 2019 11:23
 Operator : JC/SP
 Sample : K1136-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 14 22:45:30 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	114038	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	199110	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	183591	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	73127	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	75516	53.57	ug/l	0.00
Spiked Amount			Recovery	=	107.14%	
35) Dibromofluoromethane	4.88	113	68272	52.90	ug/l	0.00
Spiked Amount			Recovery	=	105.80%	
50) Toluene-d8	7.56	98	252037	49.46	ug/l	0.00
Spiked Amount			Recovery	=	98.92%	
62) 4-Bromofluorobenzene	10.30	95	78384	42.80	ug/l	0.00
Spiked Amount			Recovery	=	85.60%	

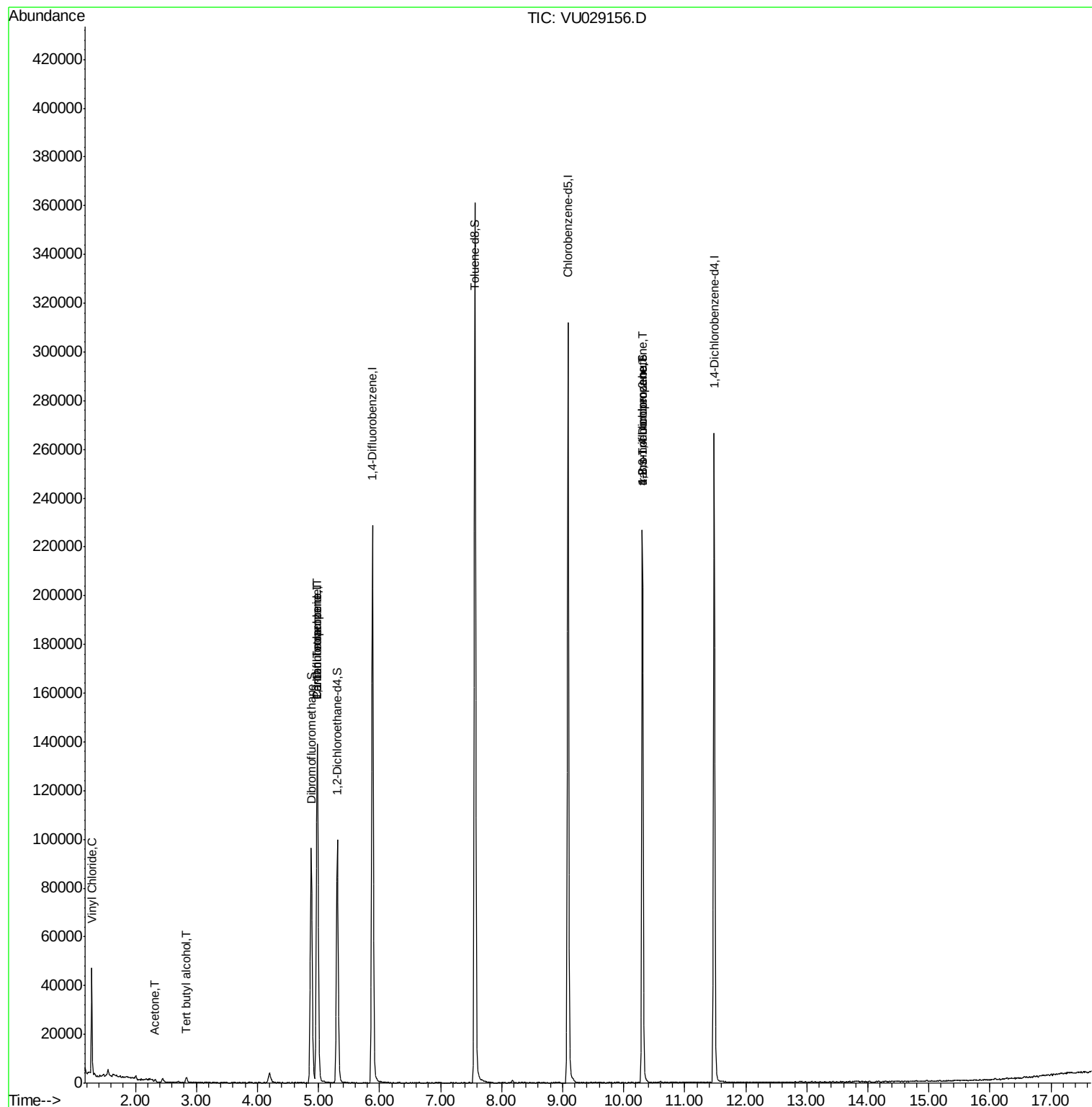
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	915	Below Cal		94
4) Vinyl Chloride	1.28	62	348	0.209 ug/l #		42
5) Bromomethane	1.63	94	217	Below Cal #		80
11) Tert butyl alcohol	2.84	59	1292	3.606 ug/l #		73
16) Acetone	2.32	43	1070	1.205 ug/l		97
17) Carbon Disulfide	2.48	76	427	Below Cal #		75
31) Cyclohexane	4.99	56	1850	Below Cal #		1
36) 1,1-Dichloropropene	4.98	75	8592	4.317 ug/l #		47
38) Carbon Tetrachloride	4.98	117	9989	6.018 ug/l #		16
76) 1,2,3-Trichloropropane	10.30	75	37132	20.724 ug/l #		35
81) trans-1,4-Dichloro-2-buten	10.30	75	37132	53.449 ug/l #		100

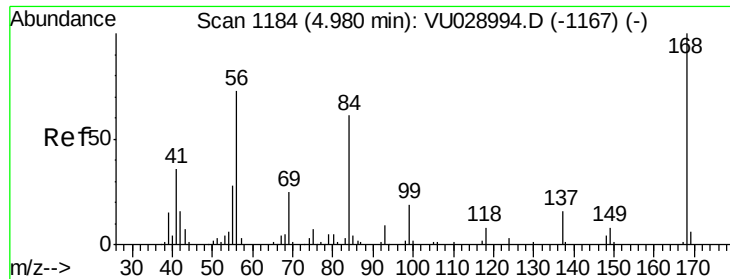
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU011419\
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Misc : 5.0mL/MSVOA U/WATER
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MSVOA_U
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Quant Time: Jan 14 22:45:30 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# 1184

Delta R.T. 0.00 min

Lab File: VU029156.D

Acq: 14 Jan 2019 11:23

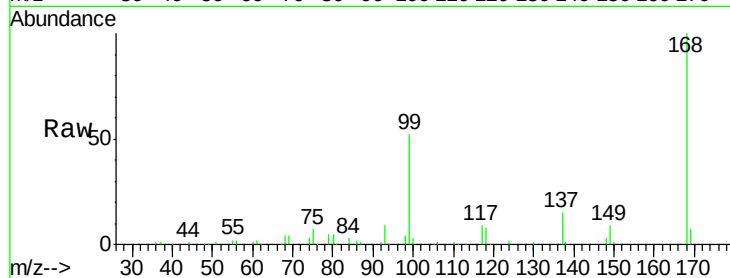
Instrument :
MSVOA_U
ClientSampled :

Tot Ion:168 Resp: 114038

Ion Ratio Lower Upper

168 100

99 51.7 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

60000

50000

40000

30000

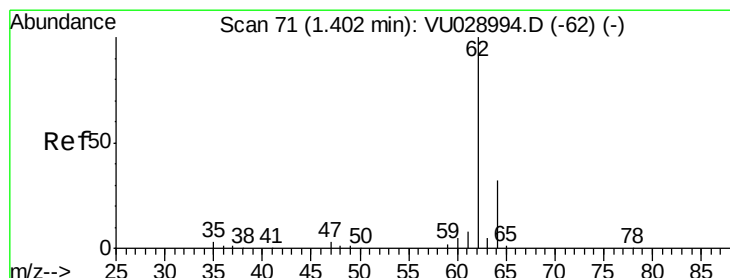
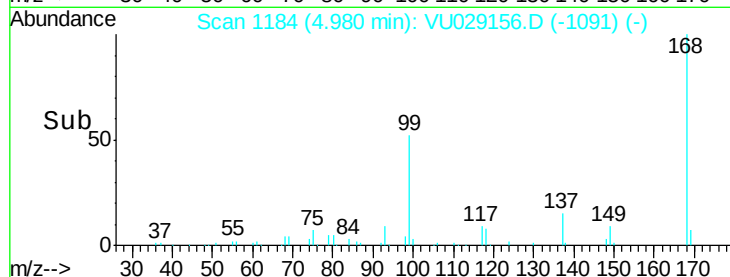
20000

10000

0

4.90 5.00 5.10

Time-->



#4

Vinyl Chloride

Concen: 0.209 ug/l

RT: 1.28 min Scan# 34

Delta R.T. -0.12 min

Lab File: VU029156.D

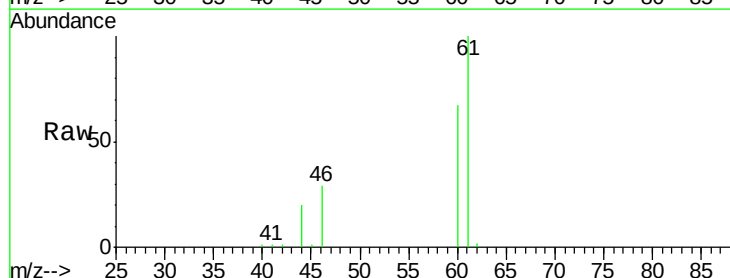
Acq: 14 Jan 2019 11:23

Tgt Ion: 62 Resp: 348

Ion Ratio Lower Upper

62 100

64 0.0 25.9 38.9#



Abundance Ion 61.90 (61.60 to 62.60): VU028994.D (-62) (-)

Ion 63.90 (63.60 to 64.60): VU028994.D (-62) (-)

1.28

500

400

300

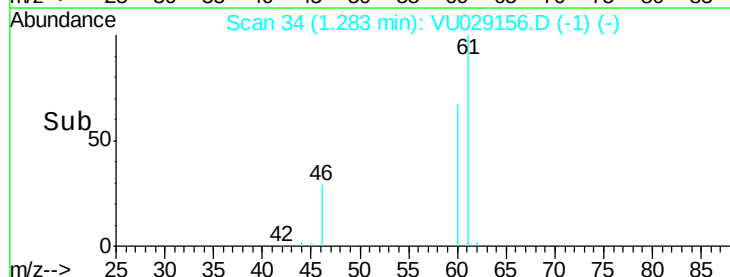
200

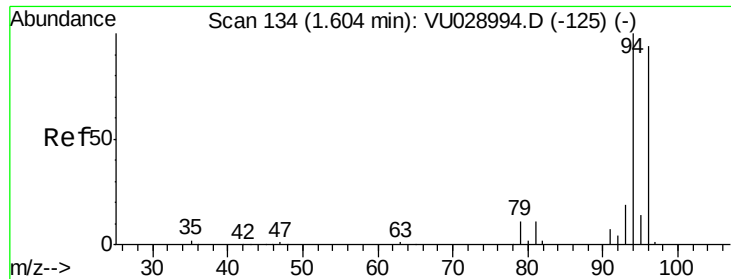
100

0

1.26 1.28 1.30

Time-->

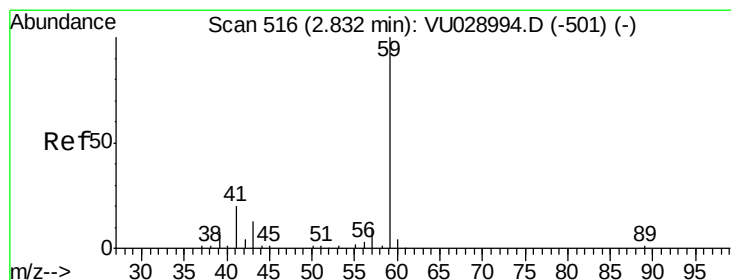
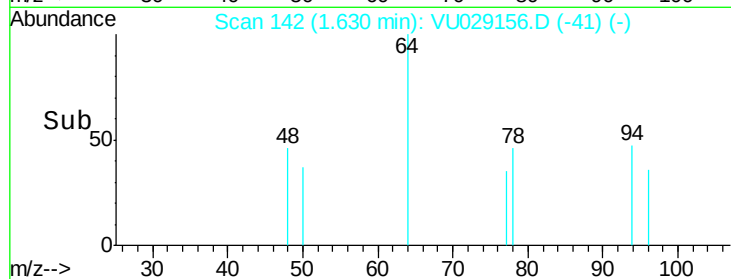
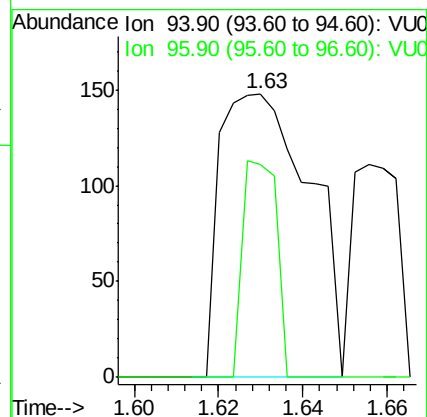
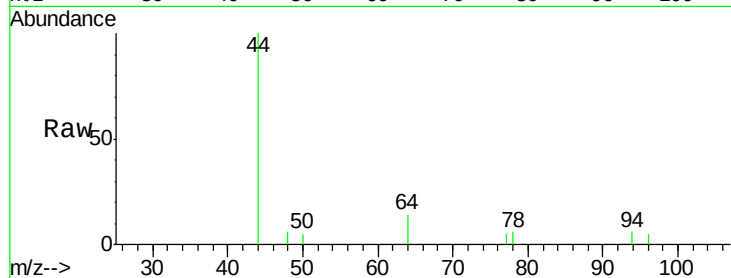




#5
 Bromomethane
 Concen: Below Cal
 RT: 1.63 min Scan# 142
 Delta R.T. 0.03 min
 Lab File: VU029156.D
 Acq: 14 Jan 2019 11:23

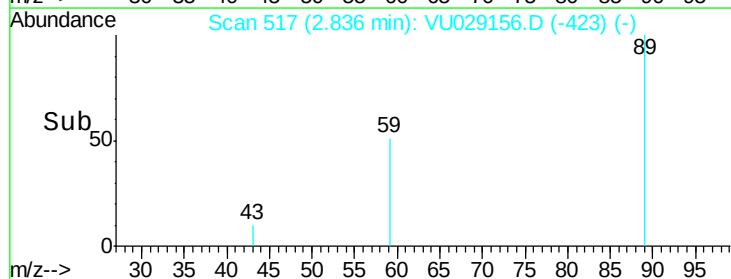
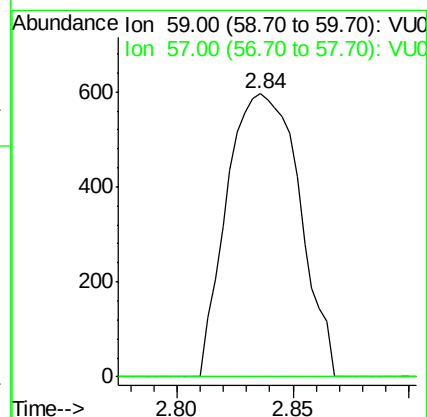
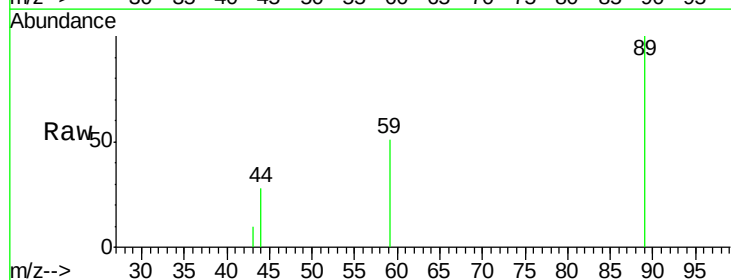
Instrument :
 MSVOA_U
 ClientSampleId :

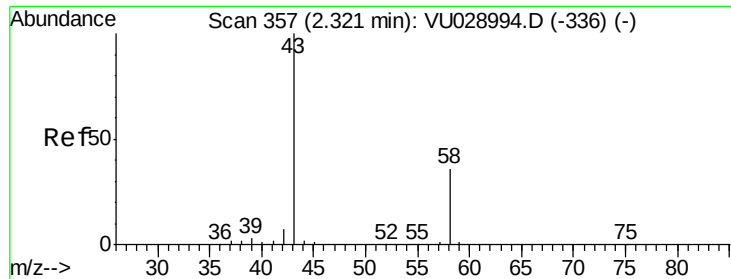
Tot Ion: 94 Resp: 217
 Ion Ratio Lower Upper
 94 100
 96 75.0 75.5 113.3#



#11
 Tert butyl alcohol
 Concen: 3.606 ug/l
 RT: 2.84 min Scan# 517
 Delta R.T. 0.00 min
 Lab File: VU029156.D
 Acq: 14 Jan 2019 11:23

Tgt Ion: 59 Resp: 1292
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.9 11.9#

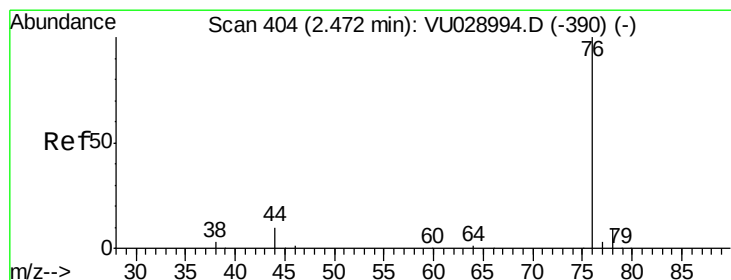
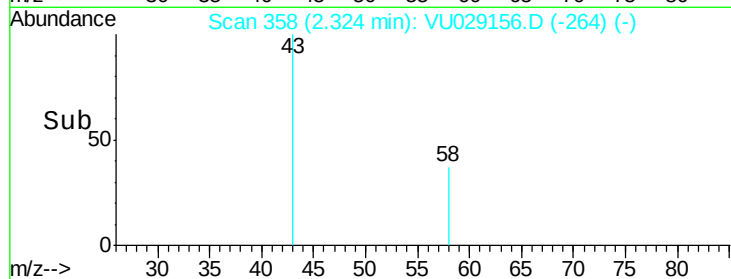
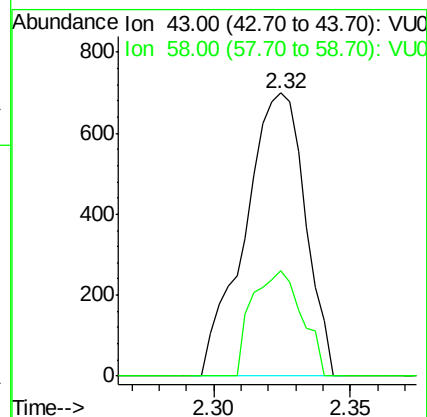
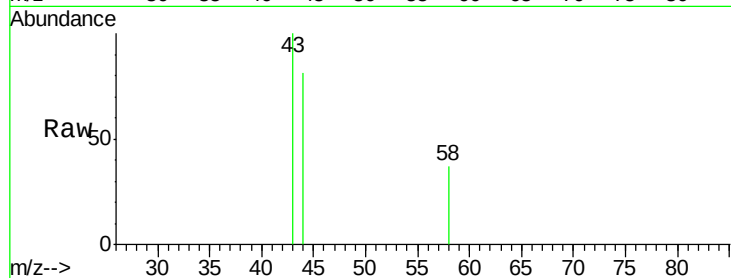




#16
Acetone
Concen: 1.205 ug/l
RT: 2.32 min Scan# 358
Delta R.T. 0.00 min
Lab File: VU029156.D
Acq: 14 Jan 2019 11:23

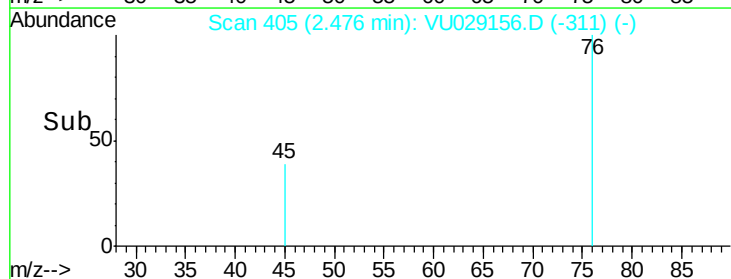
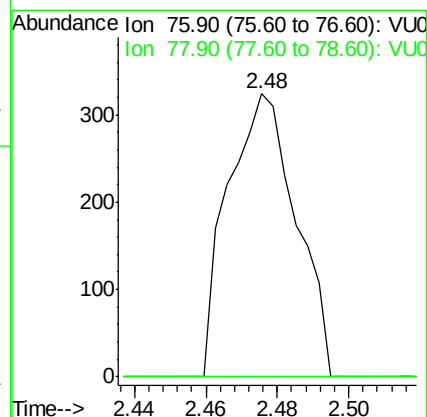
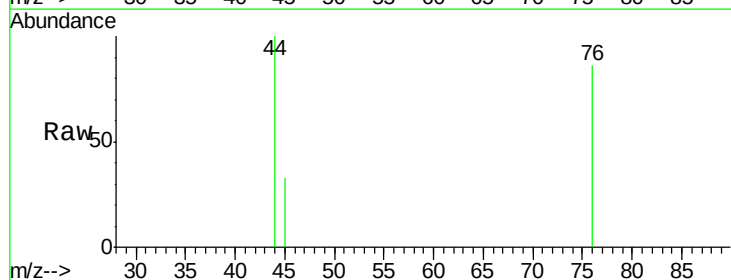
Instrument :
MSVOA_U
ClientSampled :

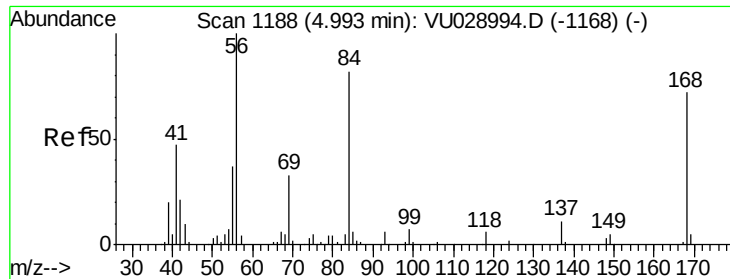
Tot Ion: 43 Resp: 1070
Ion Ratio Lower Upper
43 100
58 37.2 28.6 42.8



#17
Carbon Disulfide
Concen: Below Cal
RT: 2.48 min Scan# 405
Delta R.T. 0.00 min
Lab File: VU029156.D
Acq: 14 Jan 2019 11:23

Tgt Ion: 76 Resp: 427
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

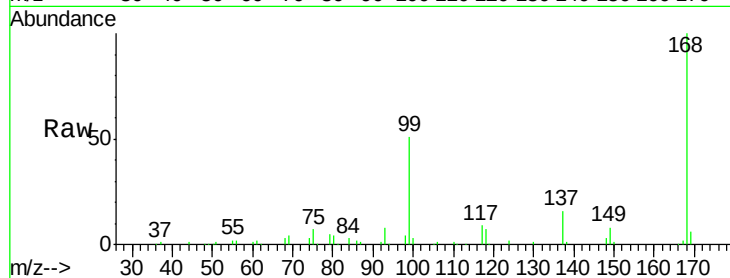




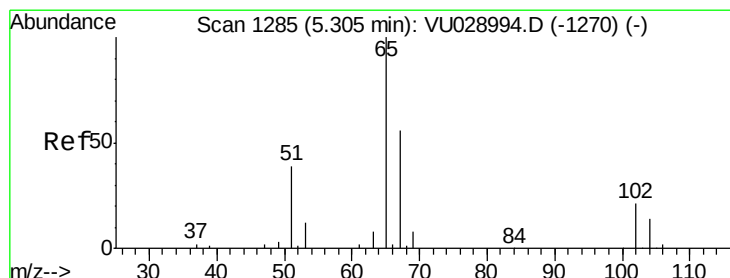
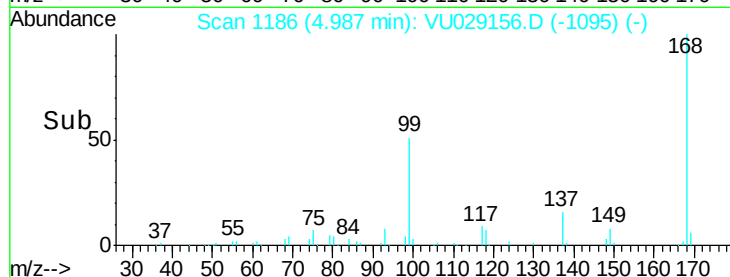
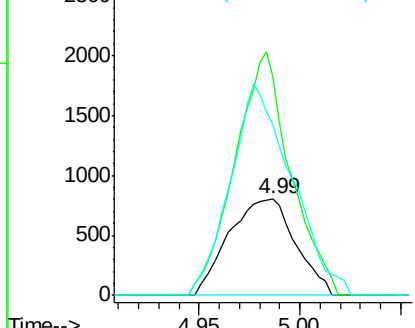
#31
Cyclohexane
Concen: Below Cal
RT: 4.99 min Scan# 1186
Delta R.T. -0.01 min
Lab File: VU029156.D
Acq: 14 Jan 2019 11:23

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 56 Resp: 1850
Ion Ratio Lower Upper
56 100
69 225.5 26.7 40.1#
84 175.7 65.7 98.5#

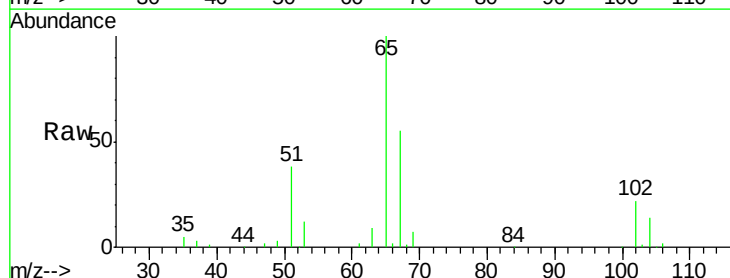


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

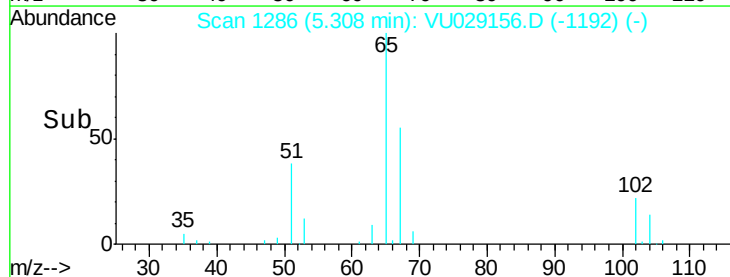
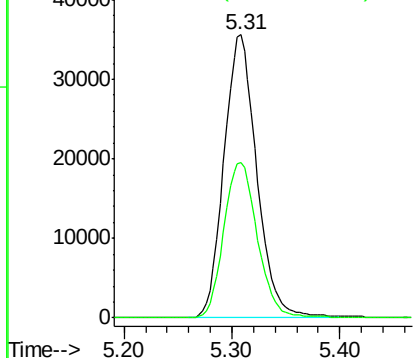


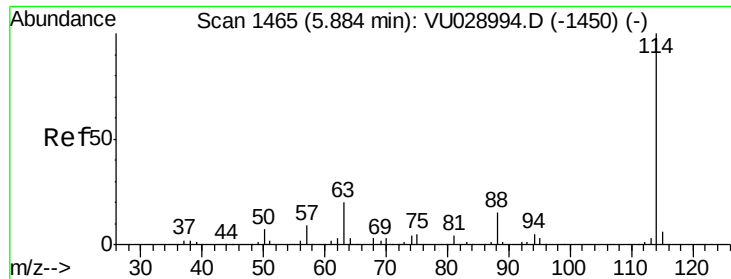
#33
1,2-Dichloroethane-d4
Concen: 53.568 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. 0.00 min
Lab File: VU029156.D
Acq: 14 Jan 2019 11:23

Tgt Ion: 65 Resp: 75516
Ion Ratio Lower Upper
65 100
67 56.3 0.0 111.0



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

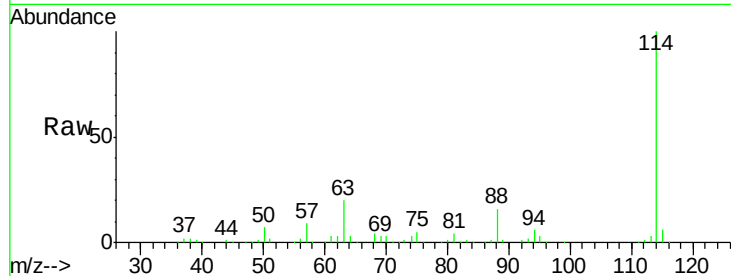




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: VU029156.D
 Acq: 14 Jan 2019 11:23

Instrument :
 MSVOA_U
 ClientSampleId :

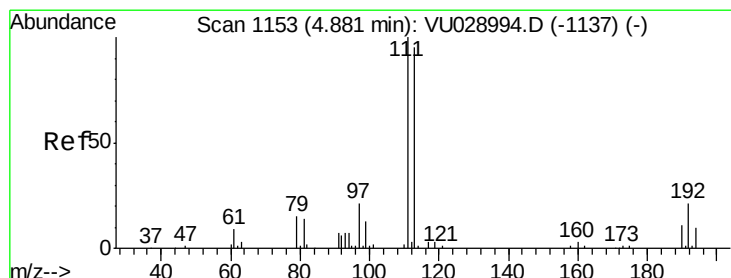
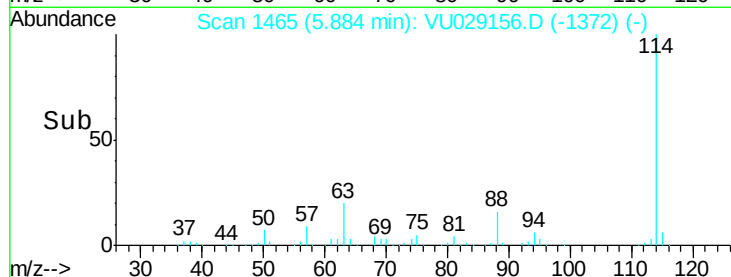
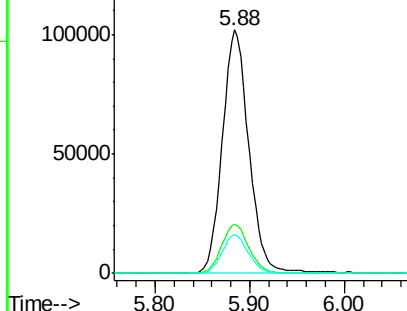
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	40.2
88	15.9	0.0	30.4



Abundance Ion 113.90 (113.60 to 114.60): V

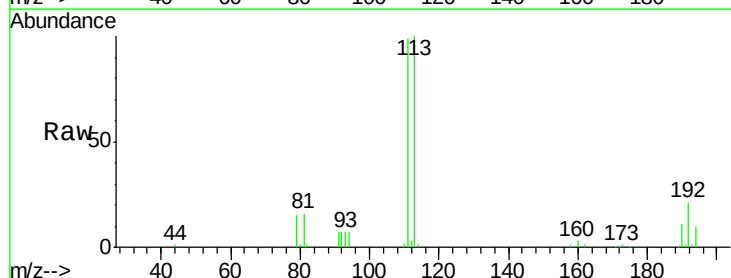
Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0



#35
 Dibromofluoromethane
 Concen: 52.896 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: VU029156.D
 Acq: 14 Jan 2019 11:23

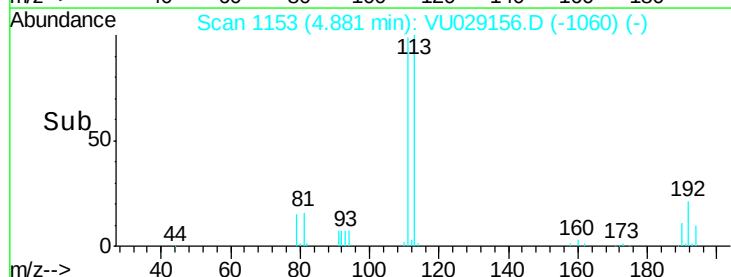
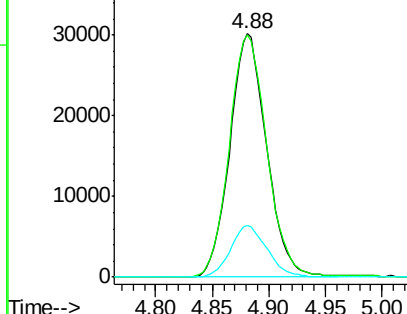
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.3	81.4	122.2
192	21.0	16.8	25.2

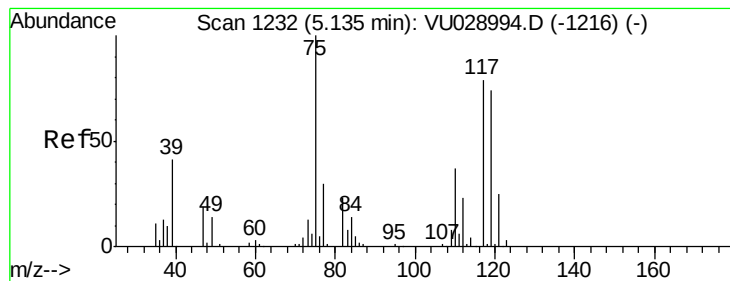


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

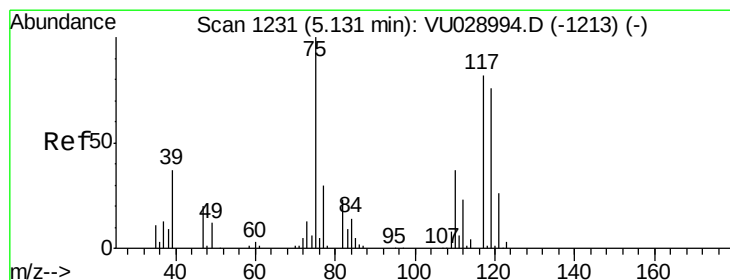
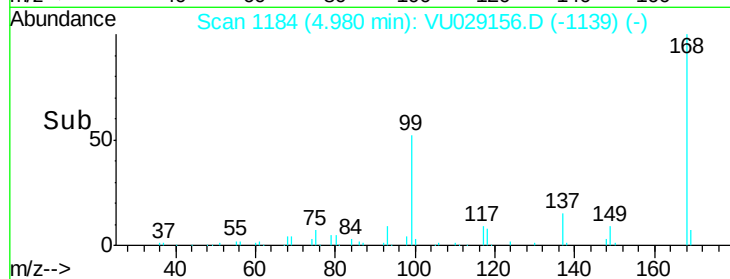
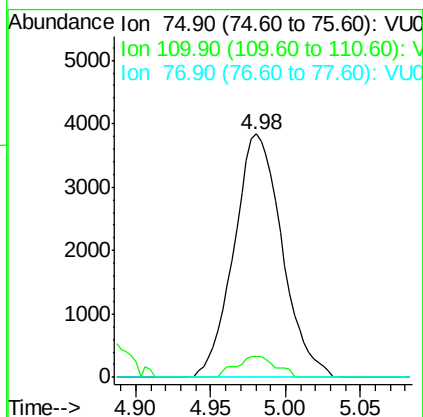
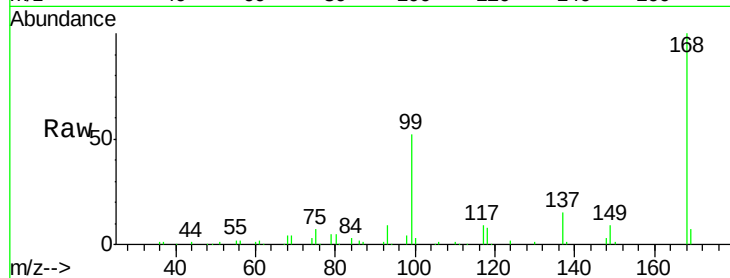




#36
 1,1-Dichloropropene
 Concen: 4.317 ug/l
 RT: 4.98 min Scan# 1184
 Delta R.T. -0.15 min
 Lab File: VU029156.D
 Acq: 14 Jan 2019 11:23

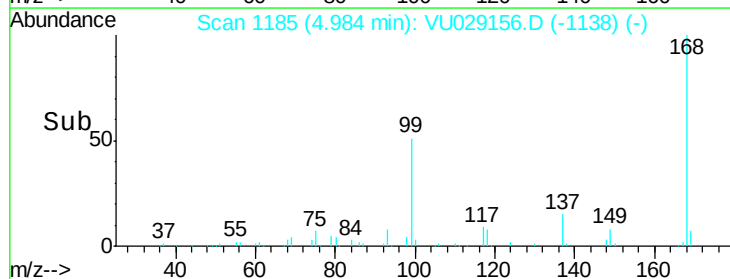
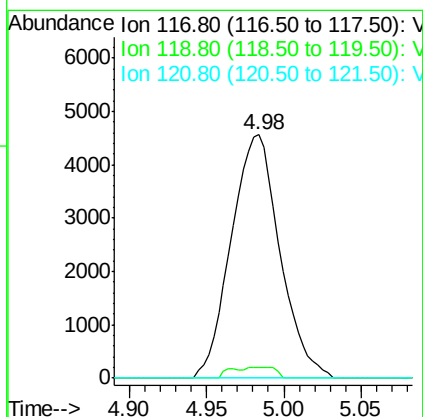
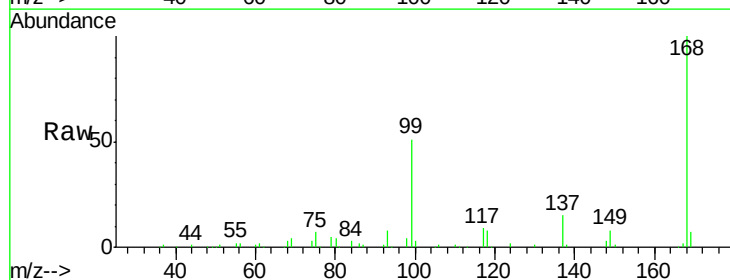
Instrument :
 MSVOA_U
 ClientSampleID :

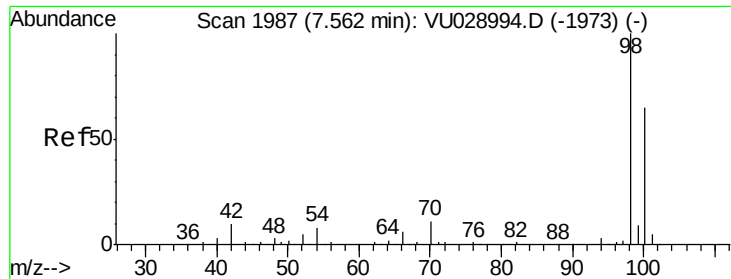
Tot Ion: 75 Resp: 8592
 Ion Ratio Lower Upper
 75 100
 110 7.2 18.4 55.4#
 77 0.0 25.1 37.7#



#38
 Carbon Tetrachloride
 Concen: 6.018 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU029156.D
 Acq: 14 Jan 2019 11:23

Tgt Ion: 117 Resp: 9989
 Ion Ratio Lower Upper
 117 100
 119 4.3 74.6 111.8#
 121 0.0 25.0 37.6#

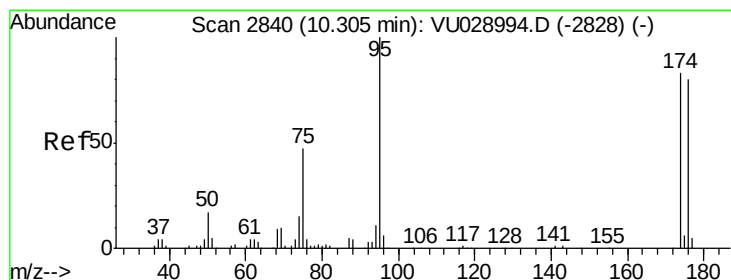
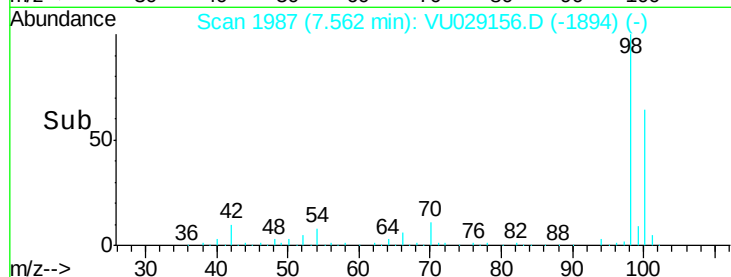
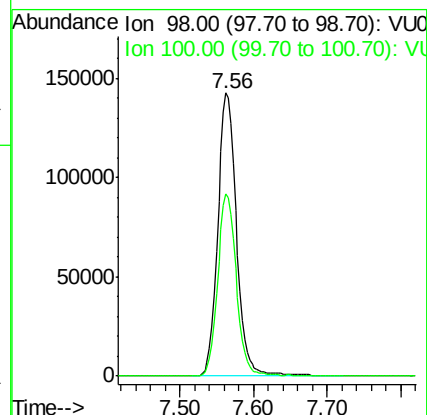
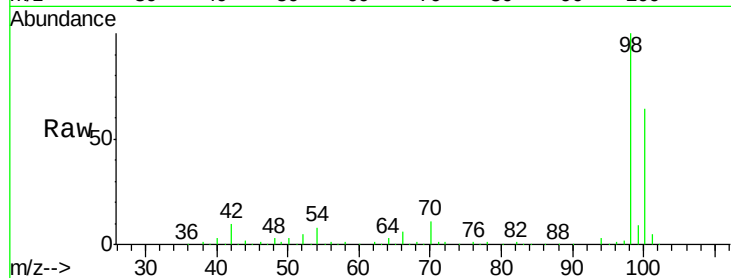




#50
Toluene-d8
Concen: 49.463 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VU029156.D
Acq: 14 Jan 2019 11:23

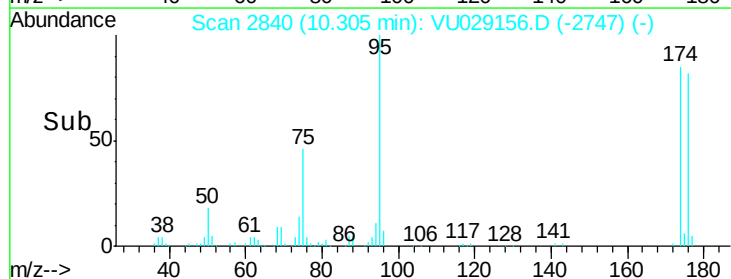
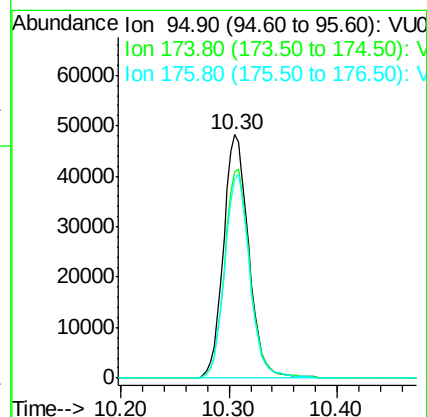
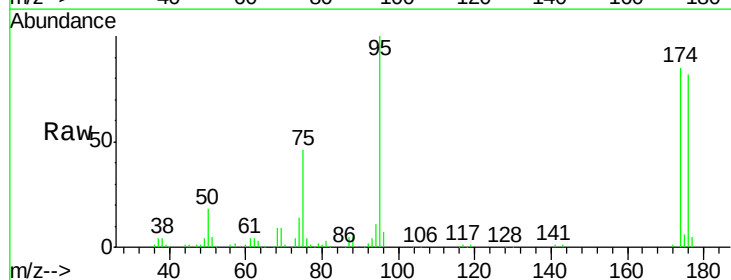
Instrument :
MSVOA_U
ClientSampleId :

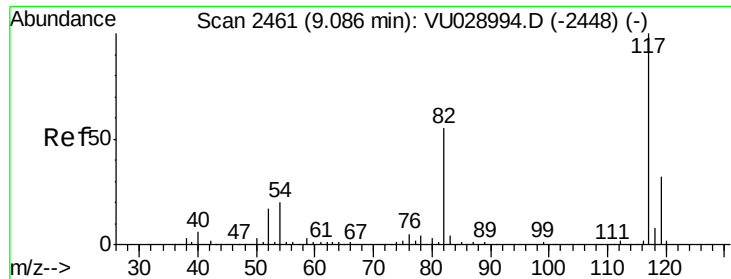
Tot Ion: 98 Resp: 252037
Ion Ratio Lower Upper
98 100
100 63.7 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 42.804 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VU029156.D
Acq: 14 Jan 2019 11:23

Tgt Ion: 95 Resp: 78384
Ion Ratio Lower Upper
95 100
174 86.4 0.0 170.6
176 82.9 0.0 165.0

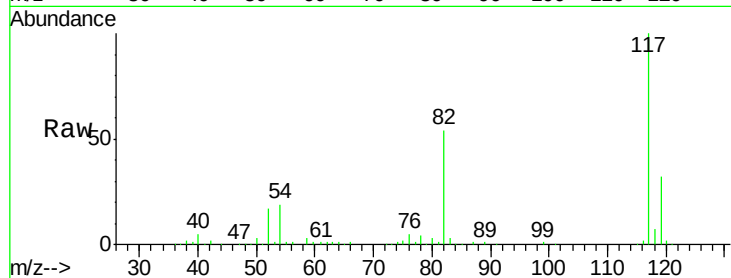




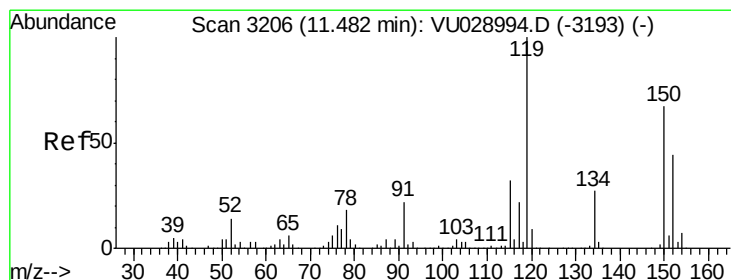
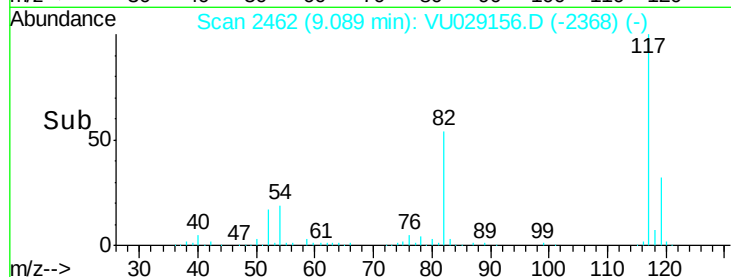
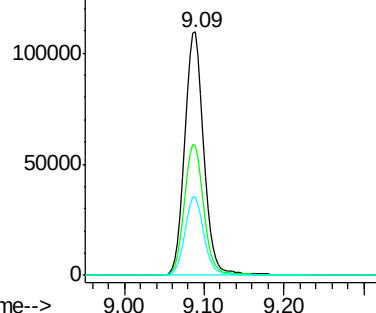
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU029156.D
Acq: 14 Jan 2019 11:23

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:117 Resp: 183591
Ion Ratio Lower Upper
117 100
82 53.5 43.9 65.9
119 32.0 26.0 39.0

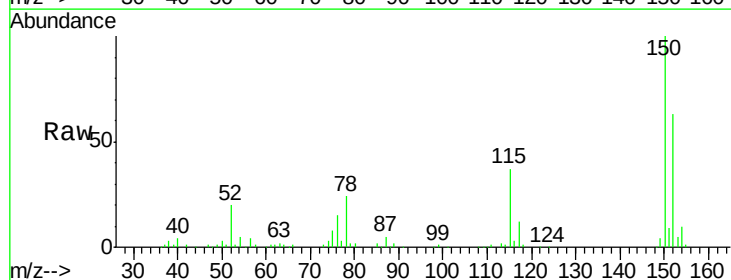


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

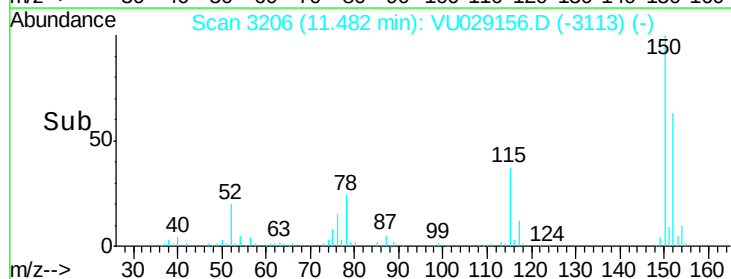
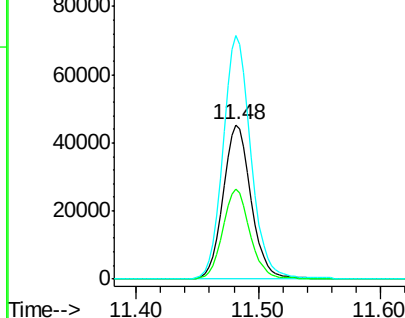


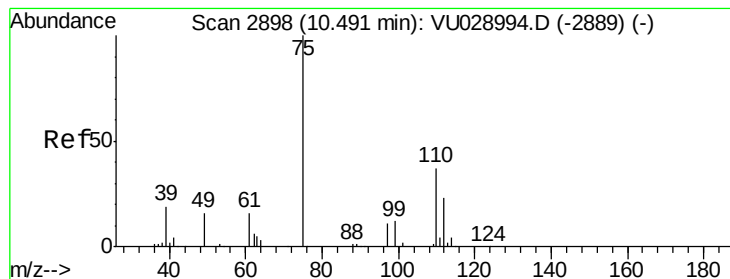
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. 0.00 min
Lab File: VU029156.D
Acq: 14 Jan 2019 11:23

Tgt Ion:152 Resp: 73127
Ion Ratio Lower Upper
152 100
115 57.3 40.1 120.3
150 156.0 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: 20.724 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.19 min

Lab File: VU029156.D

Acq: 14 Jan 2019 11:23

Instrument :

MSVOA_U

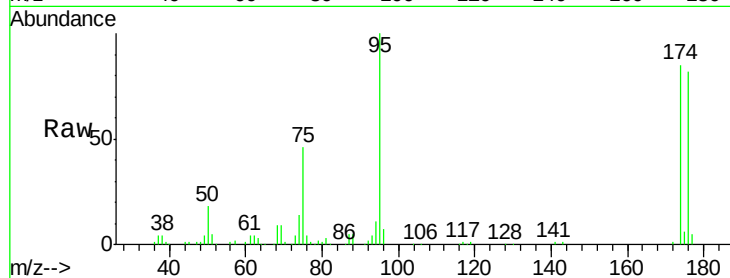
ClientSampled :

Tot Ion: 75 Resp: 37132

Ion Ratio Lower Upper

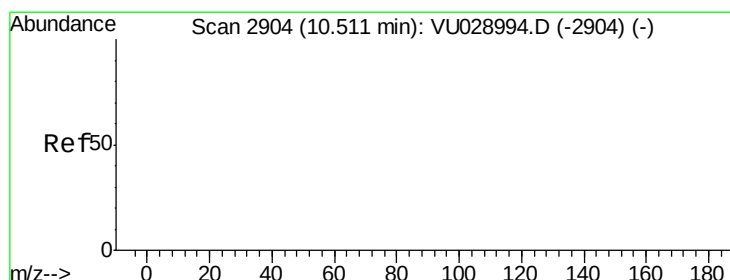
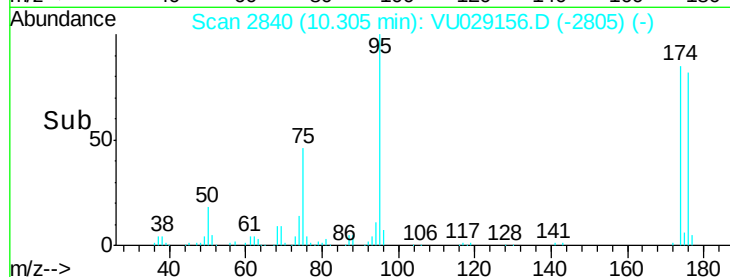
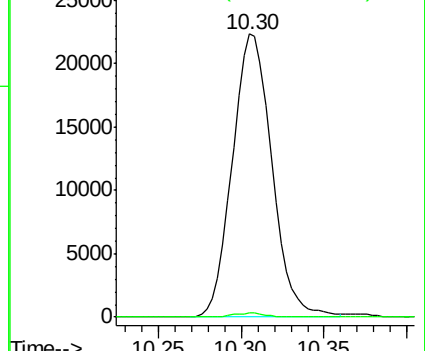
75 100

77 1.1 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: 53.449 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.21 min

Lab File: VU029156.D

Acq: 14 Jan 2019 11:23

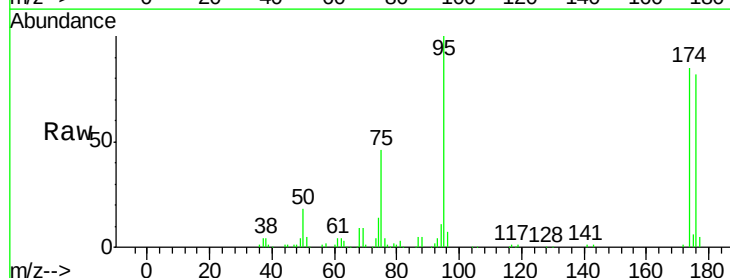
Tgt Ion: 75 Resp: 37132

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

