

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101018\
 Data File : VU027563.D
 Acq On : 10 Oct 2018 12:30
 Operator : MD/SY
 Sample : J5326-45
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 FL-PH-3

Quant Time: Oct 11 04:03:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 02:04:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	131439	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	224213	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	189530	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	77936	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	105211	47.94	ug/l	0.00
Spiked Amount			Recovery	=	95.88%	
35) Dibromofluoromethane	4.89	113	75586	49.19	ug/l	0.00
Spiked Amount			Recovery	=	98.38%	
50) Toluene-d8	7.57	98	281042	48.87	ug/l	0.00
Spiked Amount			Recovery	=	97.74%	
62) 4-Bromofluorobenzene	10.31	95	87404	40.89	ug/l	0.00
Spiked Amount			Recovery	=	81.78%	

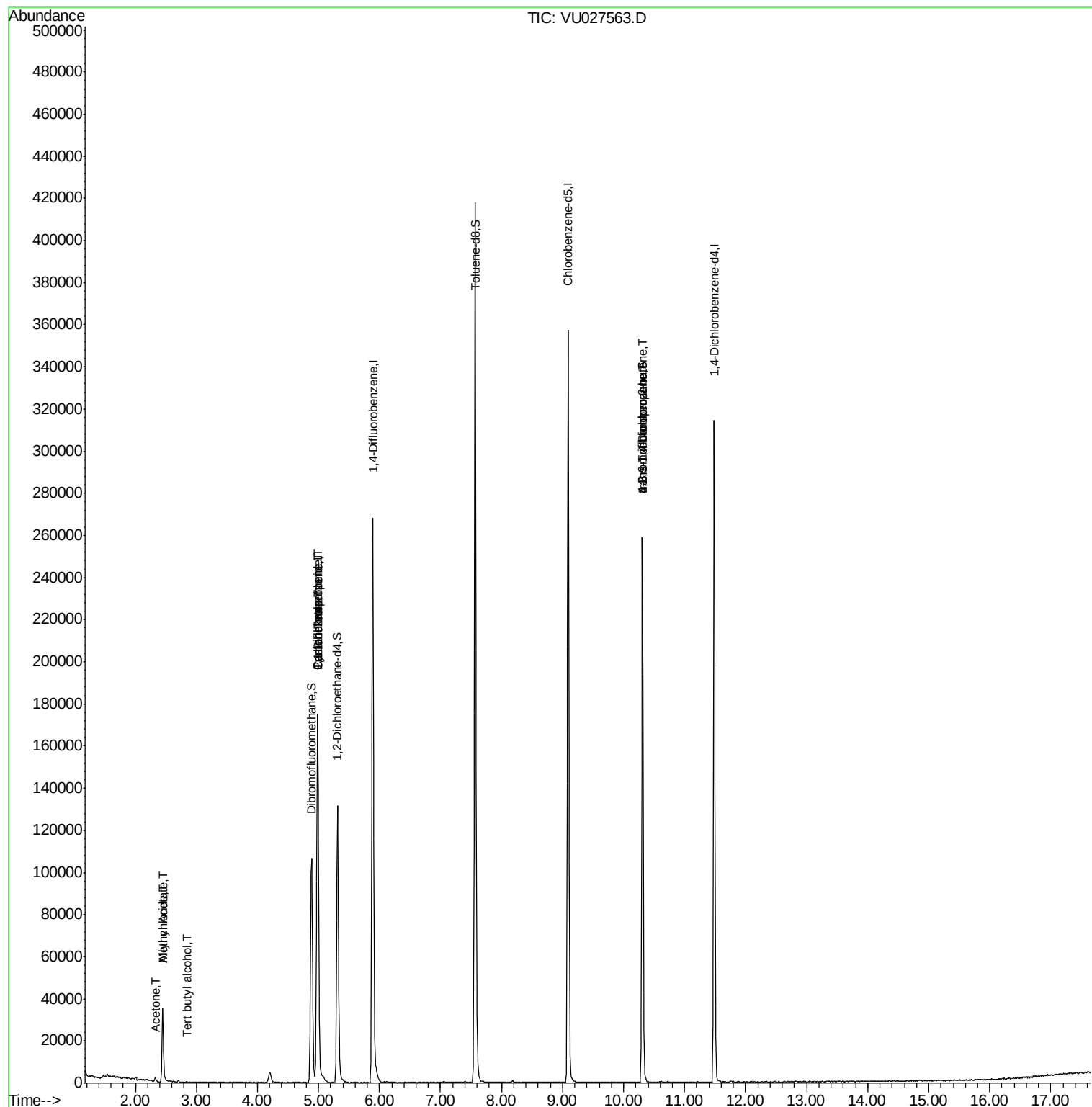
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	2.84	59	238	0.515	ug/l #	72
14) Allyl chloride	2.45	41	3269	0.992	ug/l #	65
16) Acetone	2.32	43	2375	1.832	ug/l	93
18) Methyl Acetate	2.45	43	8443	2.854	ug/l #	56
31) Cyclohexane	4.99	56	2952	0.604	ug/l #	1
36) 1,1-Dichloropropene	4.99	75	11795	4.845	ug/l #	49
38) Carbon Tetrachloride	4.99	117	13213	6.008	ug/l #	18
76) 1,2,3-Trichloropropane	10.31	75	46155	22.846	ug/l #	37
81) trans-1,4-Dichloro-2-buten	10.31	75	46155	59.790	ug/l #	100

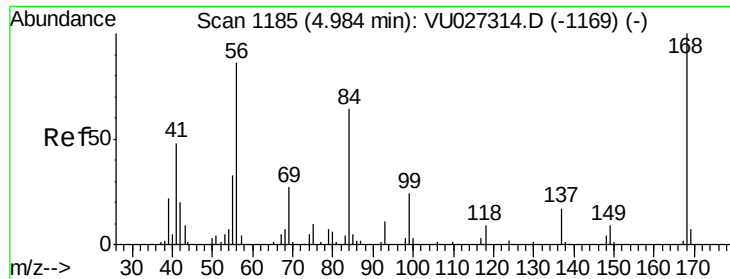
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 02:04:34 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027563.D

Acq: 10 Oct 2018 12:30

Instrument :

MSVOA_U

ClientSampleId :

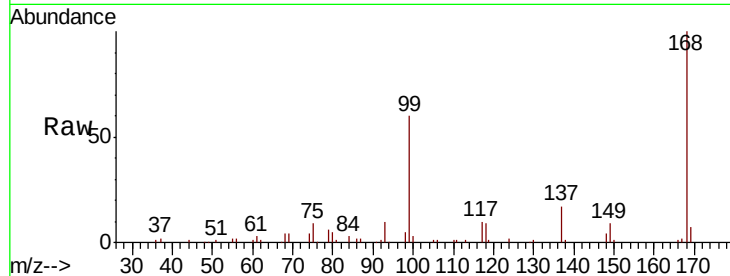
FL-PH-3

Tgt Ion:168 Resp: 131439

Ion Ratio Lower Upper

168 100

99 59.5 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): VU027314.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU027314.D (-1169) (-)

4.99

60000

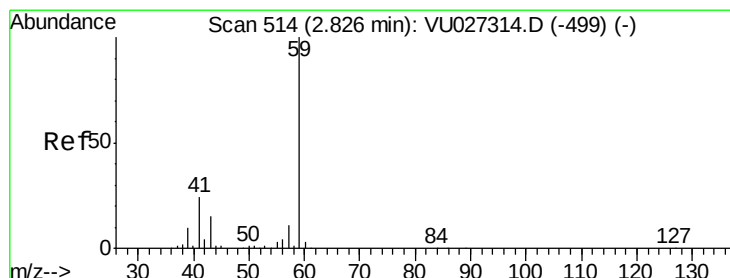
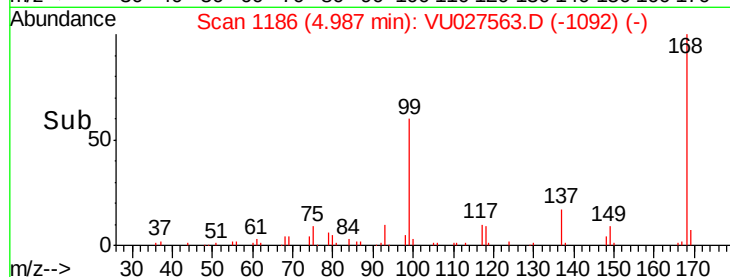
40000

20000

0

Time-->

4.90 5.00 5.10



#11

Tert butyl alcohol

Concen: 0.515 ug/l

RT: 2.84 min Scan# 519

Delta R.T. 0.02 min

Lab File: VU027563.D

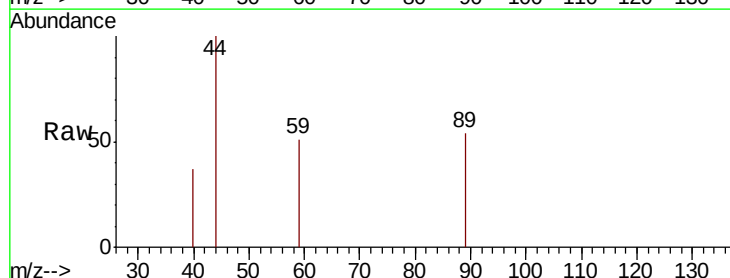
Acq: 10 Oct 2018 12:30

Tgt Ion: 59 Resp: 238

Ion Ratio Lower Upper

59 100

57 0.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VU027314.D (-499) (-)

Ion 57.00 (56.70 to 57.70): VU027314.D (-499) (-)

2.84

150

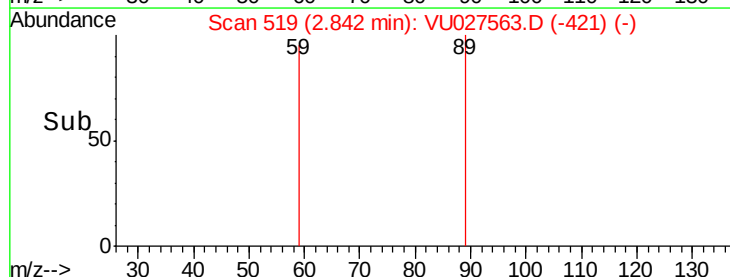
100

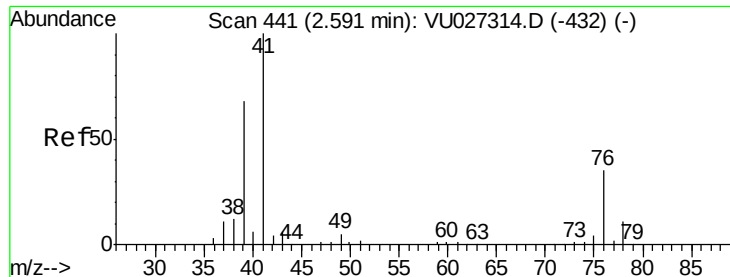
50

0

Time-->

2.82 2.84 2.86

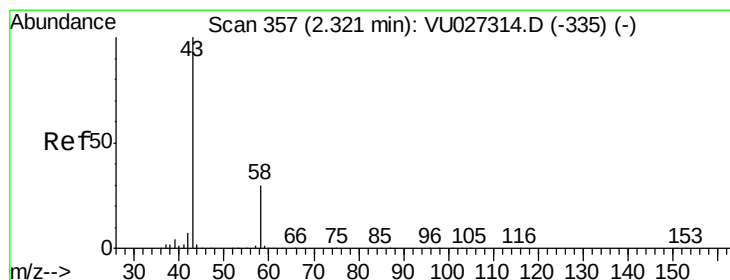
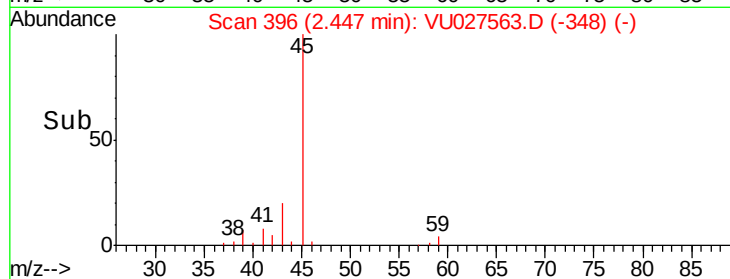
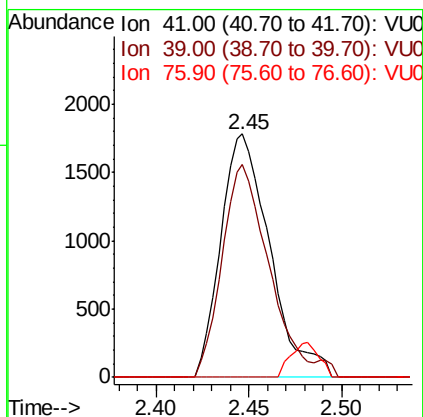
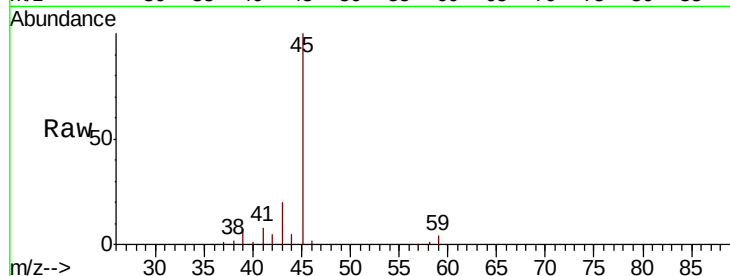




#14
 Allyl chloride
 Concen: 0.992 ug/l
 RT: 2.45 min Scan# 396
 Delta R.T. -0.14 min
 Lab File: VU027563.D
 Acq: 10 Oct 2018 12:30

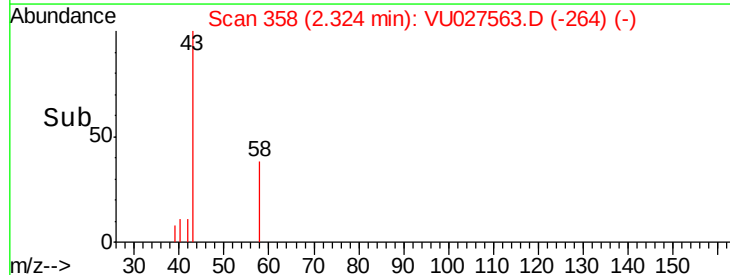
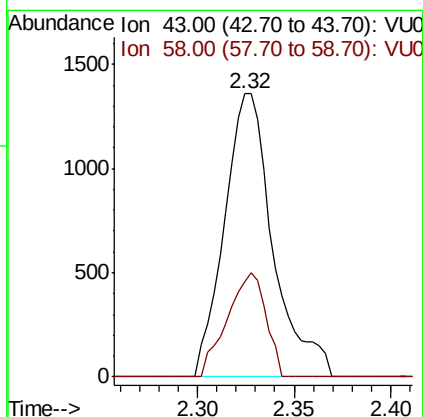
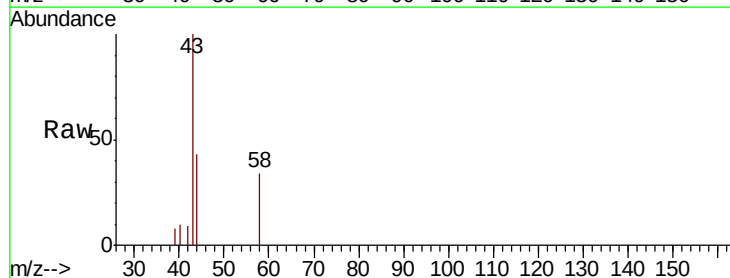
Instrument :
 MSVOA_U
 ClientSampleId :
 FL-PH-3

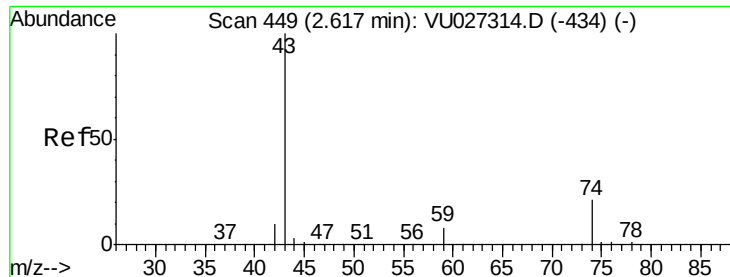
Tgt Ion: 41 Resp: 3269
 Ion Ratio Lower Upper
 41 100
 39 83.1 51.8 77.8#
 76 0.0 25.9 38.9#



#16
 Acetone
 Concen: 1.832 ug/l
 RT: 2.32 min Scan# 358
 Delta R.T. 0.00 min
 Lab File: VU027563.D
 Acq: 10 Oct 2018 12:30

Tgt Ion: 43 Resp: 2375
 Ion Ratio Lower Upper
 43 100
 58 33.8 24.2 36.4

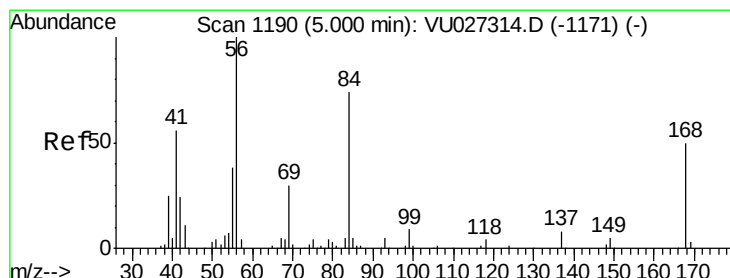
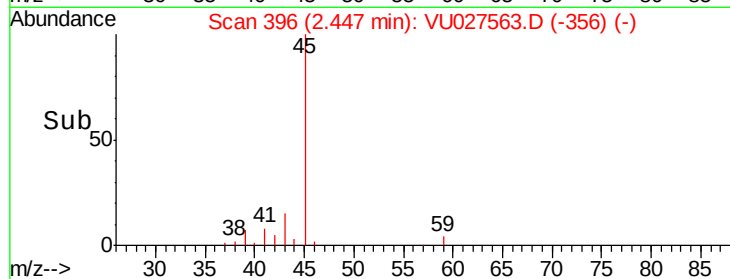
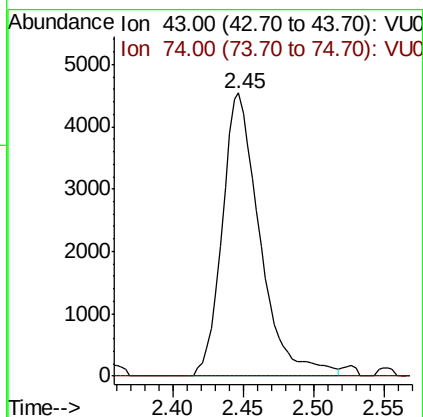
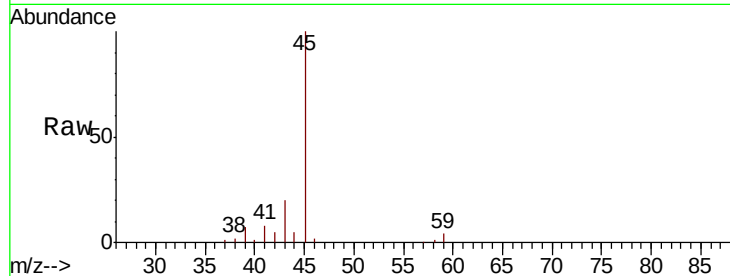




#18
Methyl Acetate
Concen: 2.854 ug/l
RT: 2.45 min Scan# 396
Delta R.T. -0.17 min
Lab File: VU027563.D
Acq: 10 Oct 2018 12:30

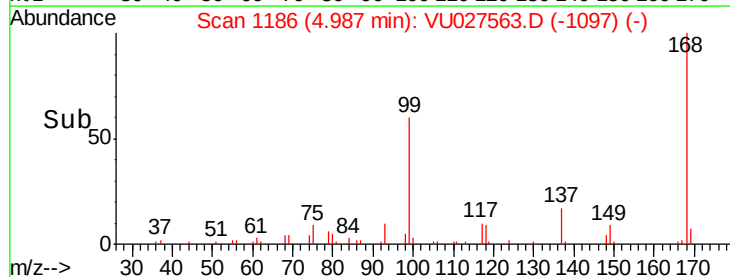
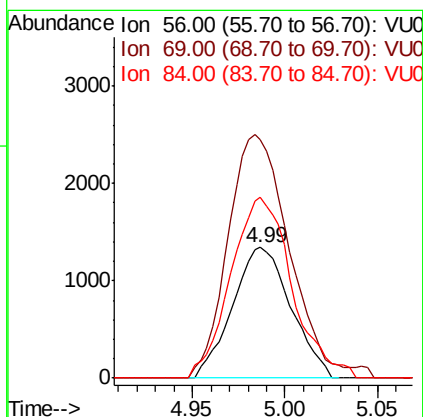
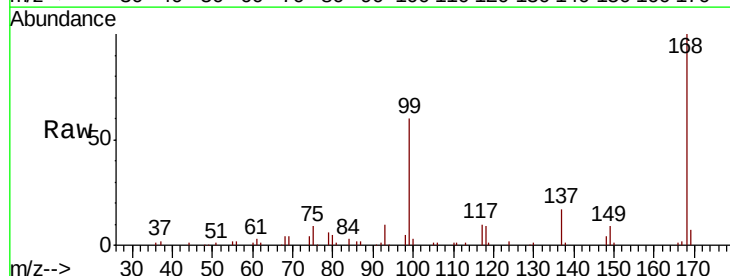
Instrument :
MSVOA_U
ClientSampleId :
FL-PH-3

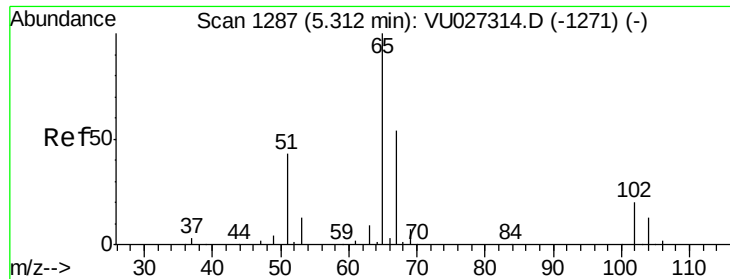
Tgt Ion: 43 Resp: 8443
Ion Ratio Lower Upper
43 100
74 0.0 16.5 24.7#



#31
Cyclohexane
Concen: 0.604 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.01 min
Lab File: VU027563.D
Acq: 10 Oct 2018 12:30

Tgt Ion: 56 Resp: 2952
Ion Ratio Lower Upper
56 100
69 182.6 24.1 36.1#
84 138.1 59.1 88.7#

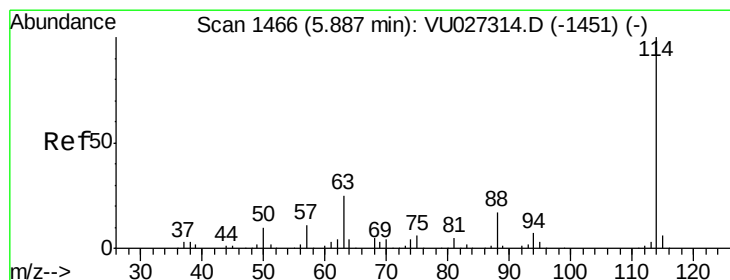
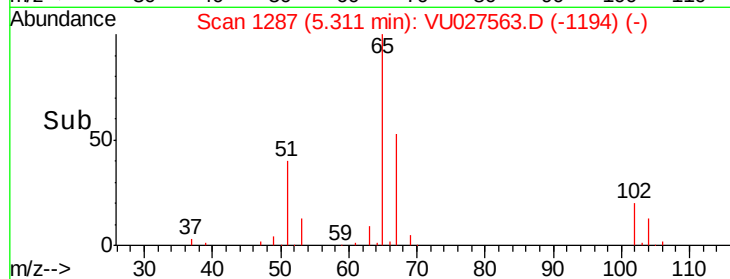
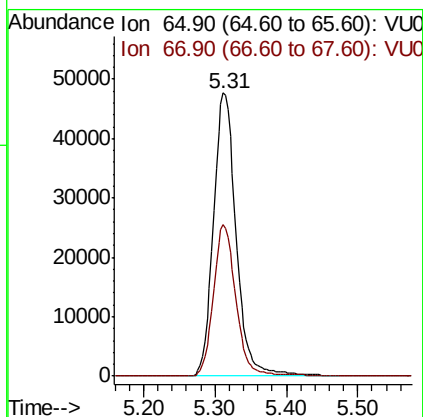
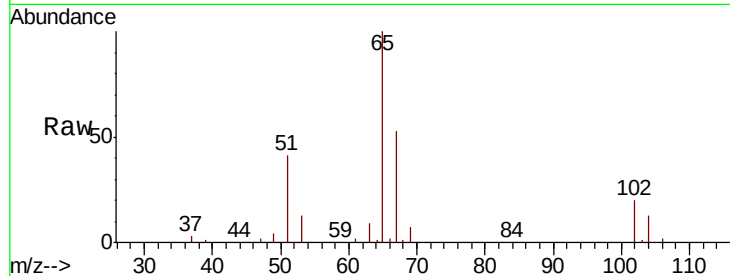




#33
 1,2-Dichloroethane-d4
 Concen: 47.936 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027563.D
 Acq: 10 Oct 2018 12:30

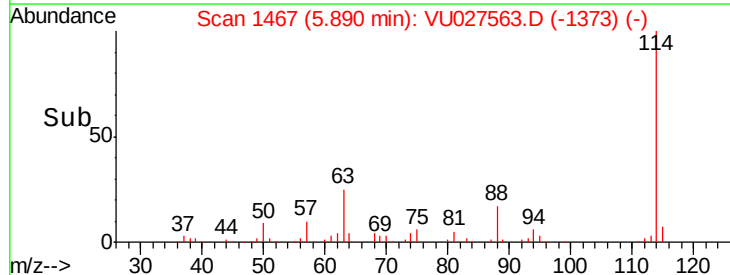
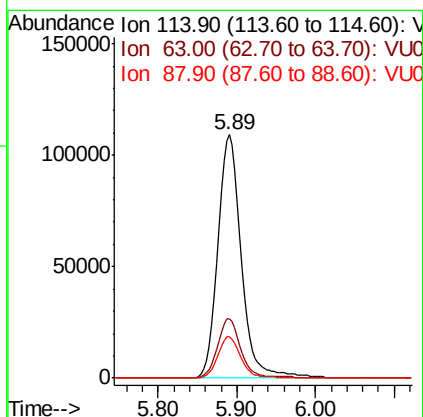
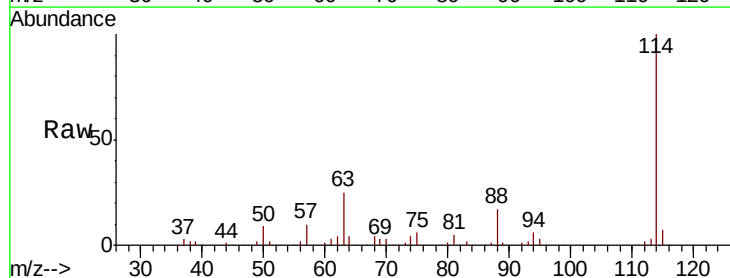
Instrument :
 MSVOA_U
 ClientSampleId :
 FL-PH-3

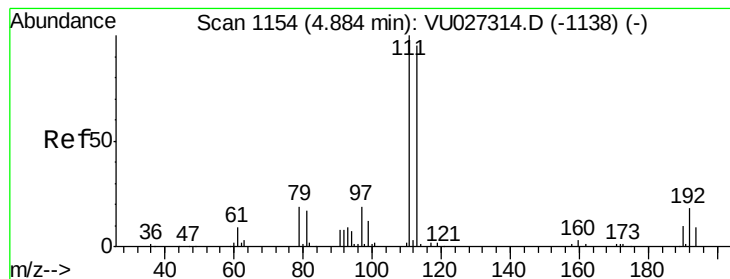
Tgt Ion: 65 Resp: 105211
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027563.D
 Acq: 10 Oct 2018 12:30

Tgt Ion: 114 Resp: 224213
 Ion Ratio Lower Upper
 114 100
 63 24.6 0.0 50.2
 88 17.1 0.0 33.8





#35

Dibromofluoromethane

Concen: 49.190 ug/l

RT: 4.89 min Scan# 1155

Delta R.T. 0.00 min

Lab File: VU027563.D

Acq: 10 Oct 2018 12:30

Instrument :

MSVOA_U

ClientSampleId :

FL-PH-3

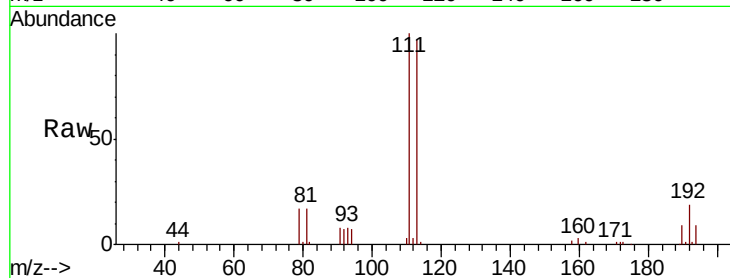
Tgt Ion:113 Resp: 75586

Ion Ratio Lower Upper

113 100

111 102.1 83.1 124.7

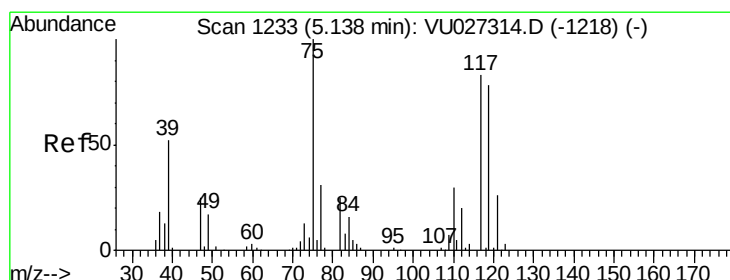
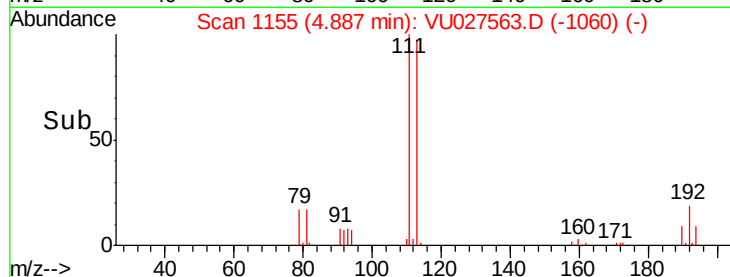
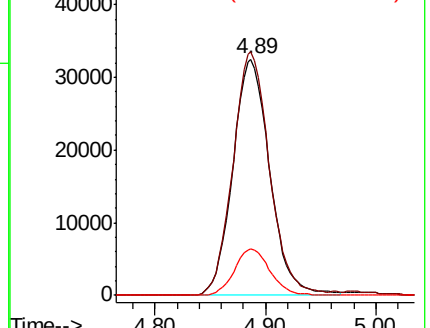
192 19.0 15.4 23.0



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: 4.845 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. -0.15 min

Lab File: VU027563.D

Acq: 10 Oct 2018 12:30

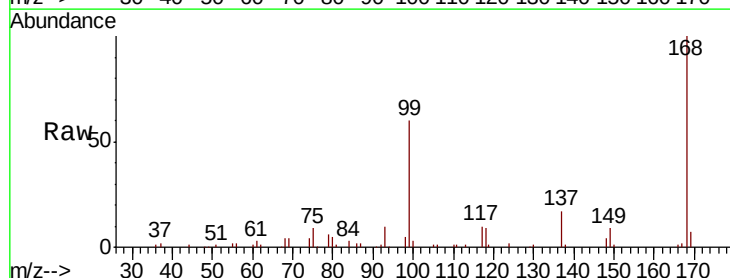
Tgt Ion: 75 Resp: 11795

Ion Ratio Lower Upper

75 100

110 6.9 15.5 46.5#

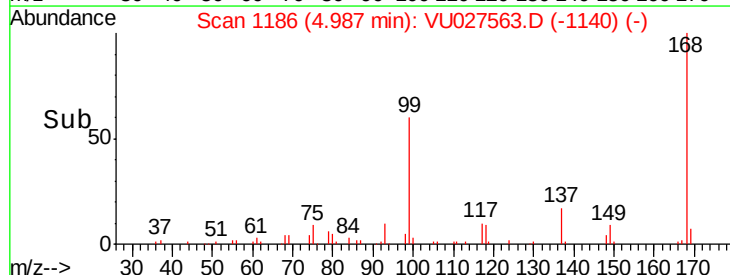
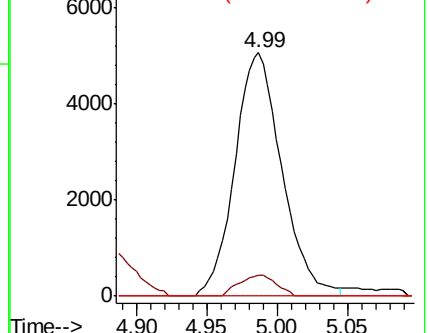
77 0.0 25.4 38.0#

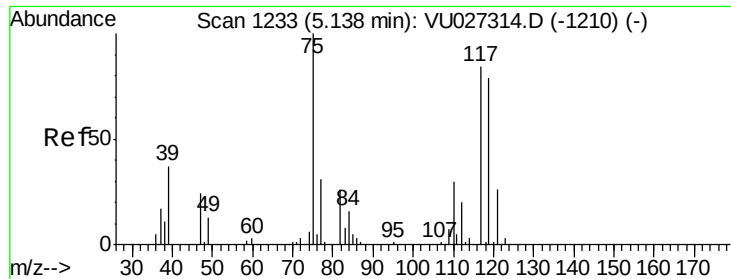


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0

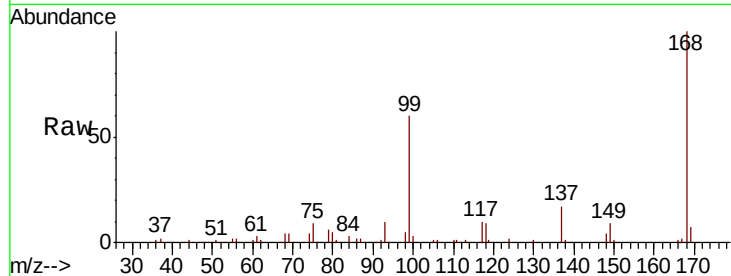




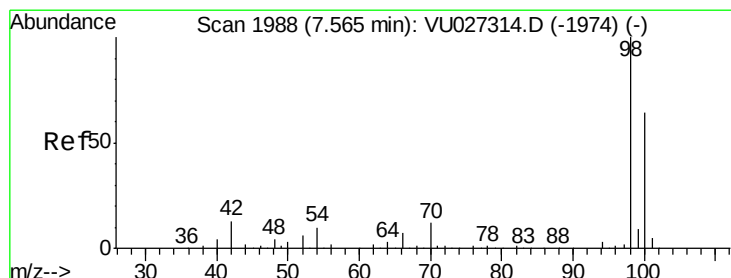
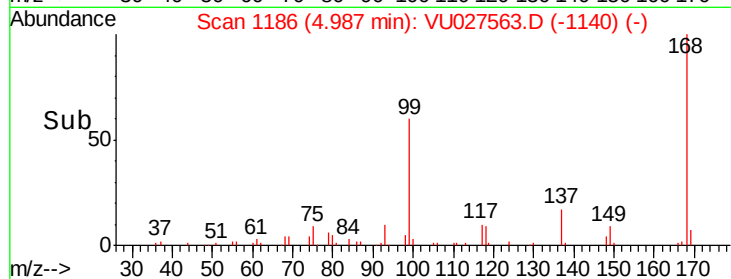
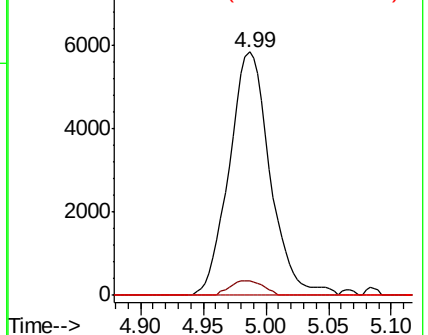
#38
Carbon Tetrachloride
Concen: 6.008 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.15 min
Lab File: VU027563.D
Acq: 10 Oct 2018 12:30

Instrument :
MSVOA_U
ClientSampleId :
FL-PH-3

Tgt Ion:117 Resp: 13213
Ion Ratio Lower Upper
117 100
119 5.9 74.5 111.7#
121 0.0 24.6 37.0#

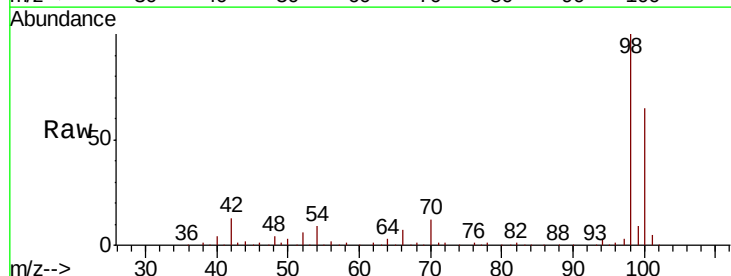


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

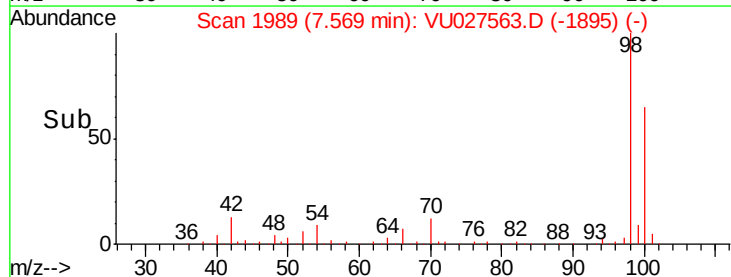
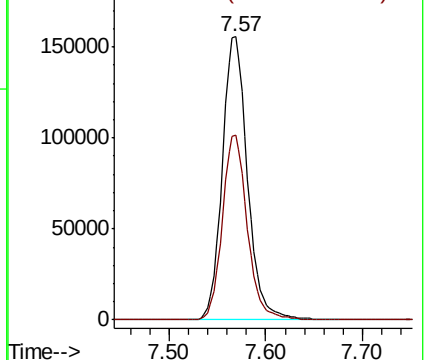


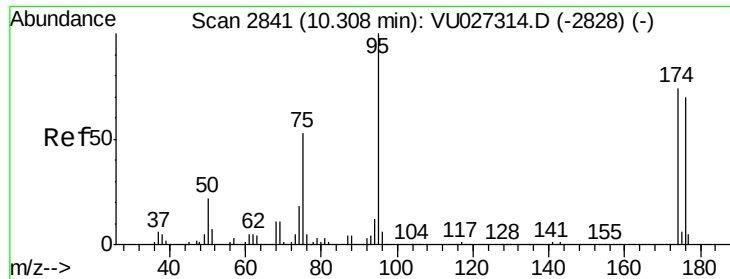
#50
Toluene-d8
Concen: 48.868 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VU027563.D
Acq: 10 Oct 2018 12:30

Tgt Ion: 98 Resp: 281042
Ion Ratio Lower Upper
98 100
100 64.7 52.1 78.1



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

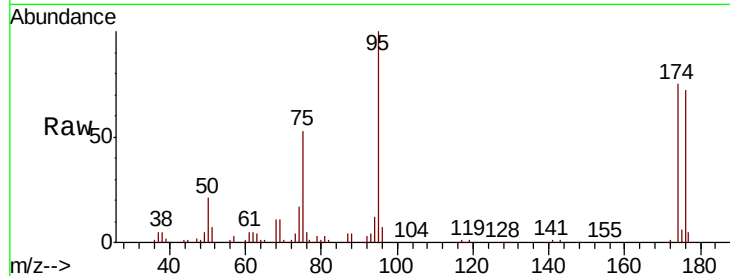




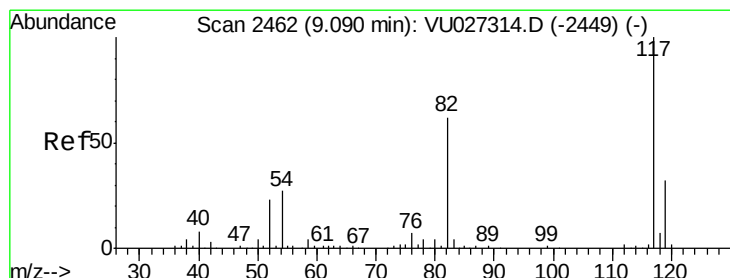
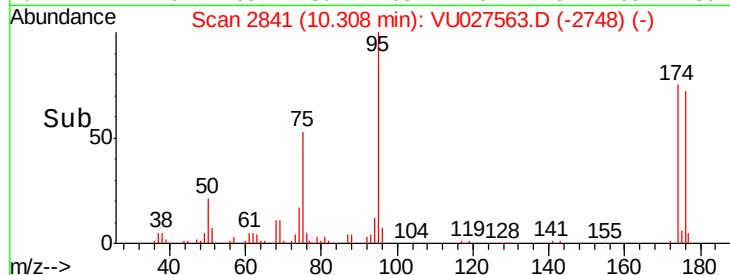
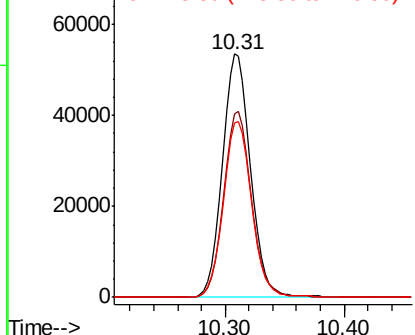
#62
 4-Bromofluorobenzene
 Concen: 40.895 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. 0.00 min
 Lab File: VU027563.D
 Acq: 10 Oct 2018 12:30

Instrument :
 MSVOA_U
 ClientSampleId :
 FL-PH-3

Tgt Ion: 95 Resp: 87404
 Ion Ratio Lower Upper
 95 100
 174 75.9 0.0 147.8
 176 73.0 0.0 140.8

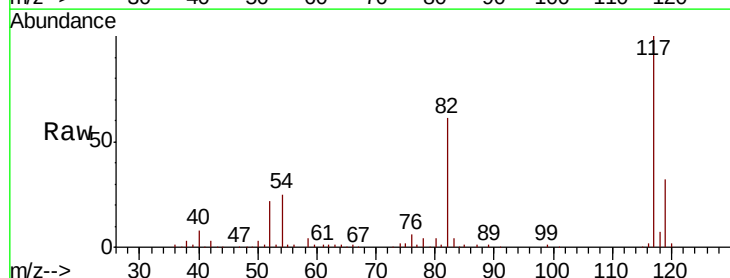


Abundance Ion 94.90 (94.60 to 95.60): VU0
 Ion 173.80 (173.50 to 174.50): V
 Ion 175.80 (175.50 to 176.50): V

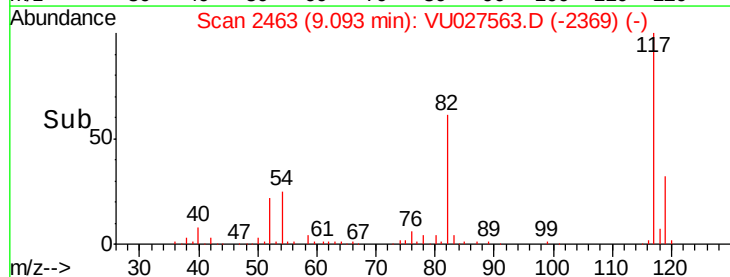
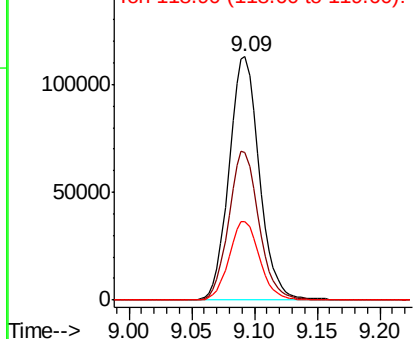


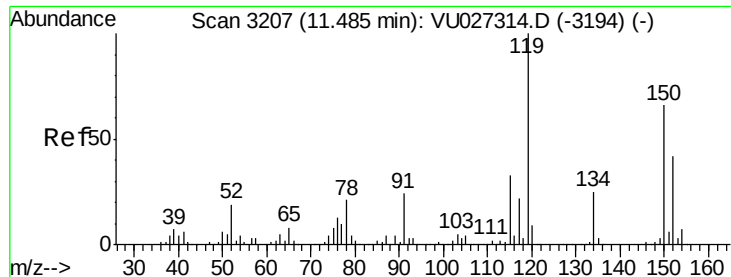
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 9.09 min Scan# 2463
 Delta R.T. 0.00 min
 Lab File: VU027563.D
 Acq: 10 Oct 2018 12:30

Tgt Ion: 117 Resp: 189530
 Ion Ratio Lower Upper
 117 100
 82 60.6 49.2 73.8
 119 32.3 25.7 38.5



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

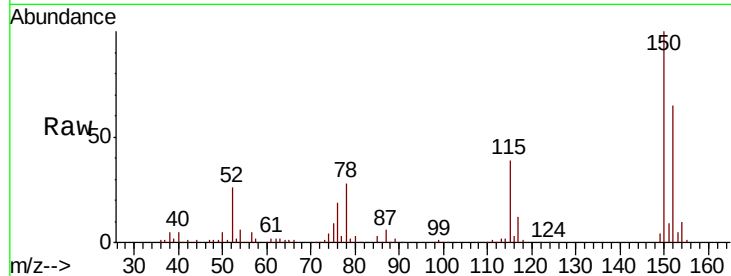




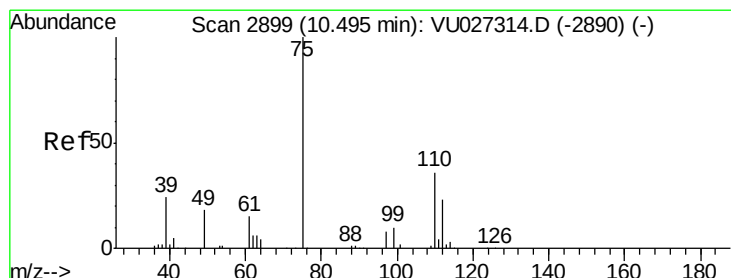
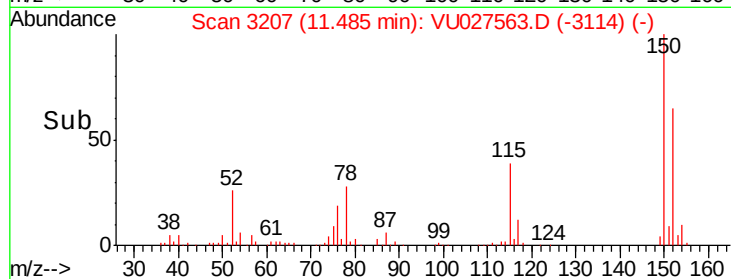
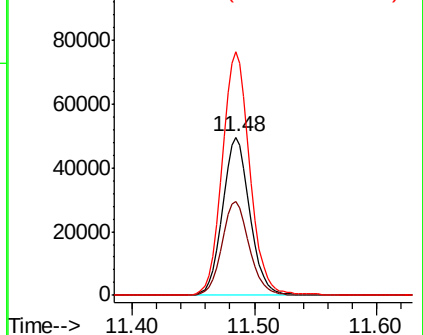
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.48 min Scan# 3207
 Delta R.T. -0.00 min
 Lab File: VU027563.D
 Acq: 10 Oct 2018 12:30

Instrument :
 MSVOA_U
 ClientSampleId :
 FL-PH-3

Tgt Ion:152 Resp: 77936
 Ion Ratio Lower Upper
 152 100
 115 59.7 43.4 130.2
 150 155.8 0.0 349.2

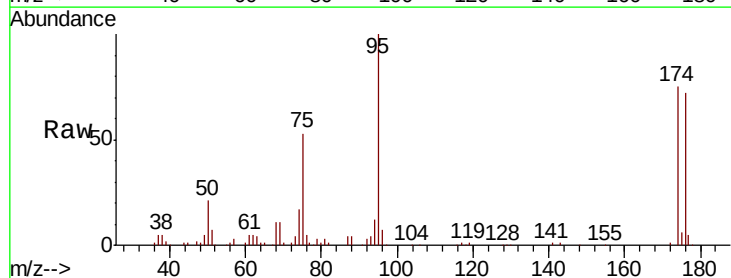


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

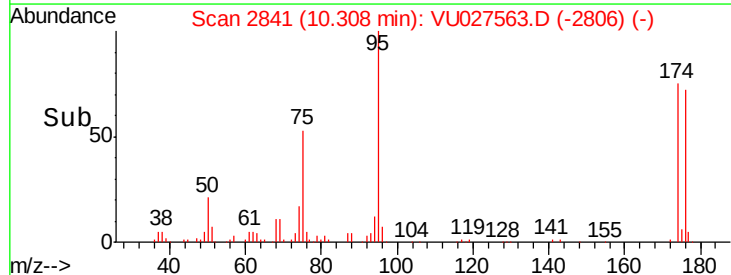
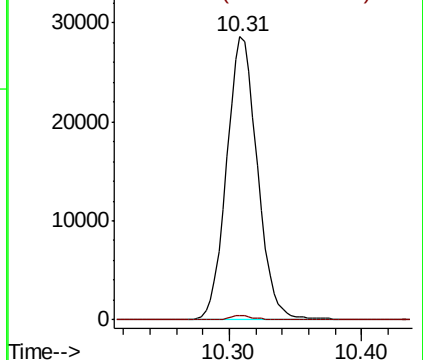


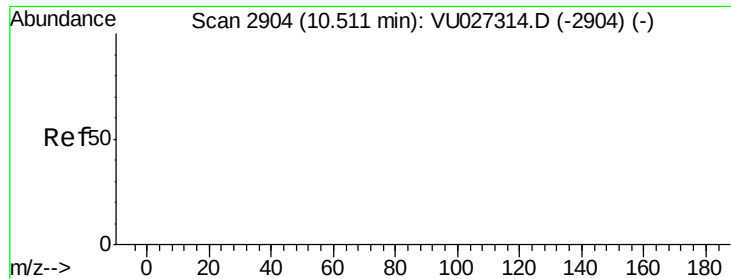
#76
 1,2,3-Trichloropropane
 Concen: 22.846 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. -0.19 min
 Lab File: VU027563.D
 Acq: 10 Oct 2018 12:30

Tgt Ion: 75 Resp: 46155
 Ion Ratio Lower Upper
 75 100
 77 1.2 20.3 60.9#



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: 59.790 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. -0.20 min
 Lab File: VU027563.D
 Acq: 10 Oct 2018 12:30

Instrument :
 MSVOA_U
 ClientSampleId :
 FL-PH-3

Tgt Ion: 75 Resp: 46155
 Ion Ratio Lower Upper
 75 100
 53 0.0 0.0 0.0
 89 0.0 0.0 0.0

