

Data File : VU027538.D
Acq On : 09 Oct 2018 21:55
Operator : MD/SY
Sample : J5326-42
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
FL-PH-2

Quant Time: Oct 10 06:00:38 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	110742	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	187576	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	163628	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	66327	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	96772	52.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.66%	
35) Dibromofluoromethane	4.89	113	66502	51.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.46%	
50) Toluene-d8	7.57	98	238687	49.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.22%	
62) 4-Bromofluorobenzene	10.31	95	73873	41.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.62%	

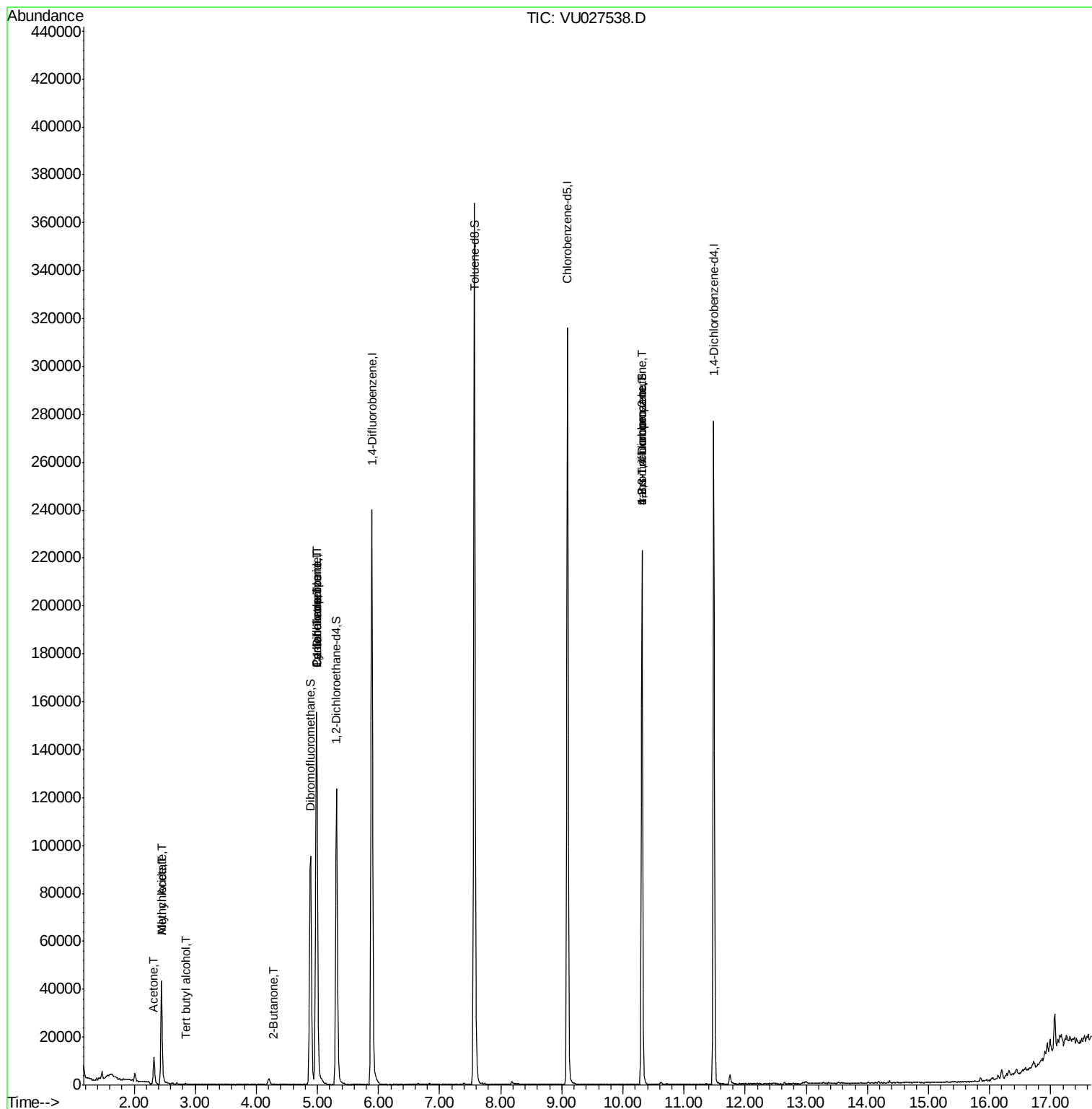
Target Compounds			Qvalue			
11) Tert butyl alcohol	2.84	59	271	0.696	ug/l #	72
14) Allyl chloride	2.45	41	4372	1.574	ug/l #	72
16) Acetone	2.32	43	12272	11.234	ug/l	98
18) Methyl Acetate	2.45	43	11136	4.468	ug/l #	56
25) 2-Butanone	4.28	43	443	0.297	ug/l #	54
31) Cyclohexane	4.98	56	2655	0.660	ug/l #	1
36) 1,1-Dichloropropene	4.99	75	10550	5.180	ug/l #	50
38) Carbon Tetrachloride	4.99	117	11691	6.355	ug/l #	19
76) 1,2,3-Trichloropropane	10.31	75	39444	22.941	ug/l #	37
81) trans-1,4-Dichloro-2-buten	10.31	75	39444	60.040	ug/l #	100

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

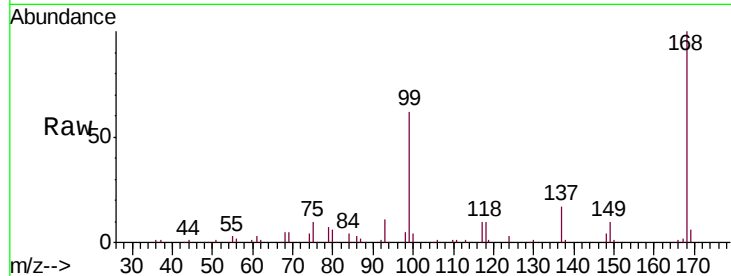
FL-PH-2

Tgt Ion:168 Resp: 110742

Ion Ratio Lower Upper

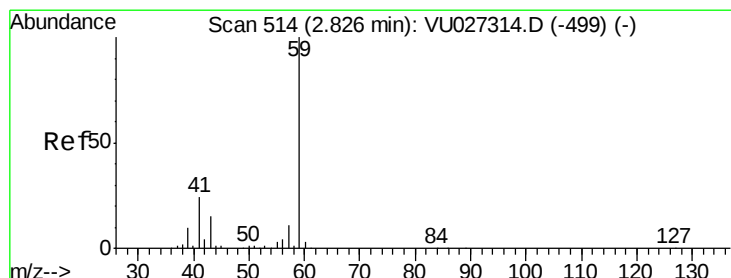
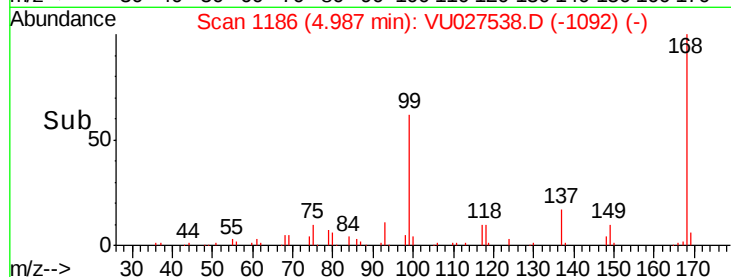
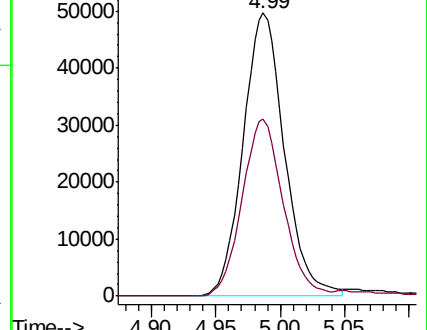
168 100

99 62.5 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) (-)



#11

Tert butyl alcohol

Concen: 0.696 ug/l

RT: 2.84 min Scan# 517

Delta R.T. 0.01 min

Lab File: VU027538.D

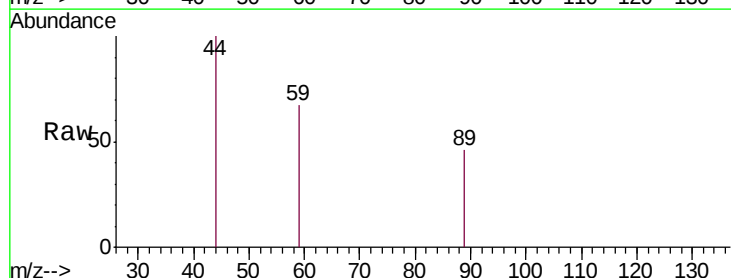
Acq: 09 Oct 2018 21:55

Tgt Ion: 59 Resp: 271

Ion Ratio Lower Upper

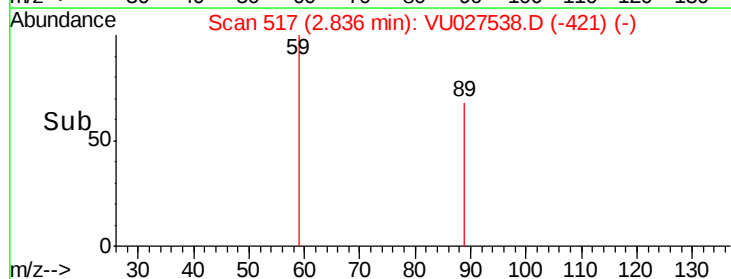
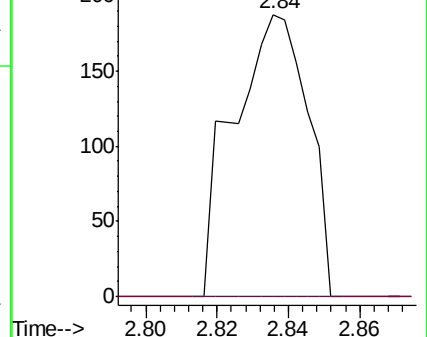
59 100

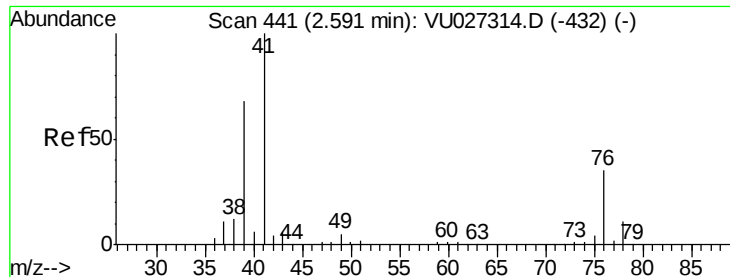
57 0.0 8.4 12.6#



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

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





#14

Allyl chloride

Concen: 1.574 ug/l

RT: 2.45 min Scan# 396

Delta R.T. -0.14 min

Lab File: VU027538.D

Acq: 09 Oct 2018 21:55

Instrument :

MSVOA_U

ClientSampleId :

FL-PH-2

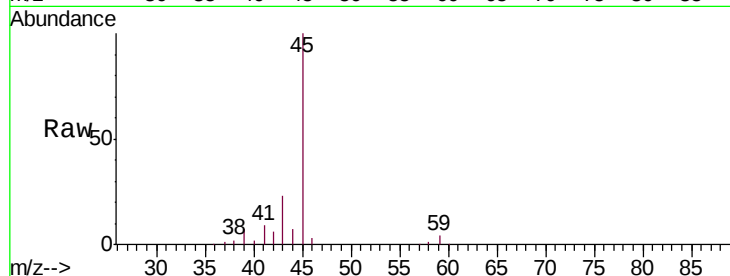
Tgt Ion: 41 Resp: 4372

Ion Ratio Lower Upper

41 100

39 75.3 51.8 77.8

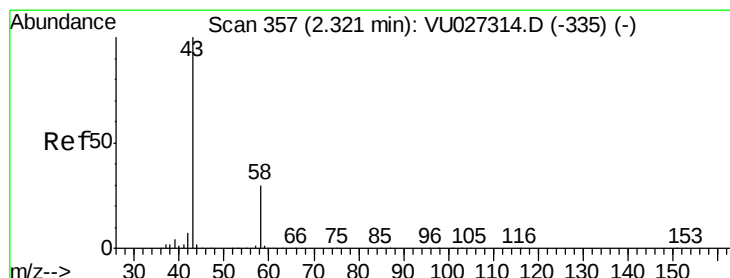
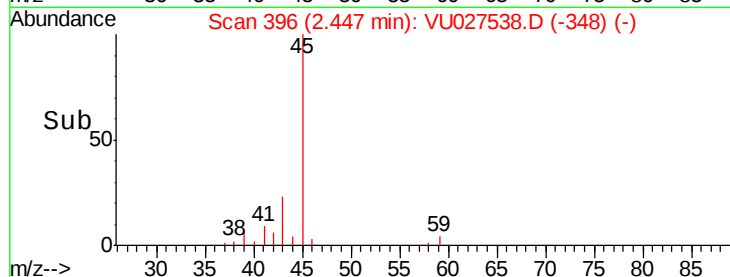
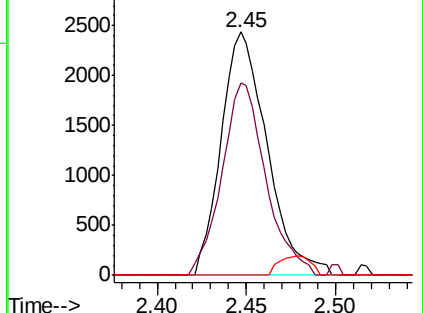
76 0.0 25.9 38.9#



Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 75.90 (75.60 to 76.60): VU0



#16

Acetone

Concen: 11.234 ug/l

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027538.D

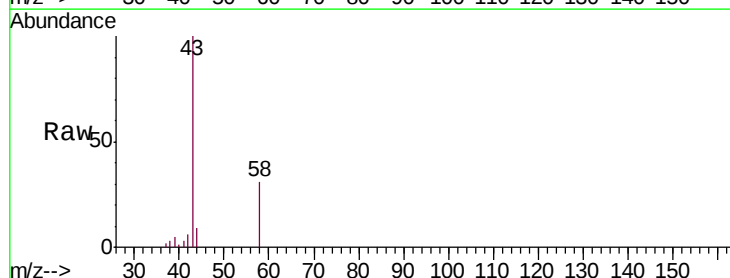
Acq: 09 Oct 2018 21:55

Tgt Ion: 43 Resp: 12272

Ion Ratio Lower Upper

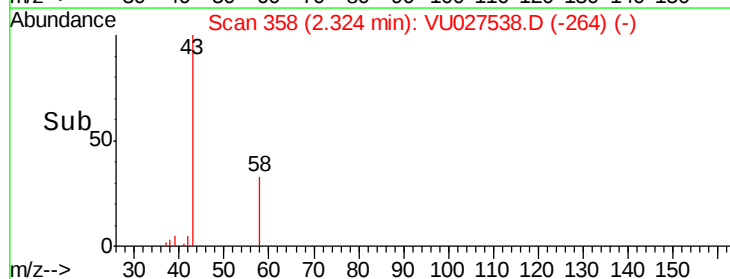
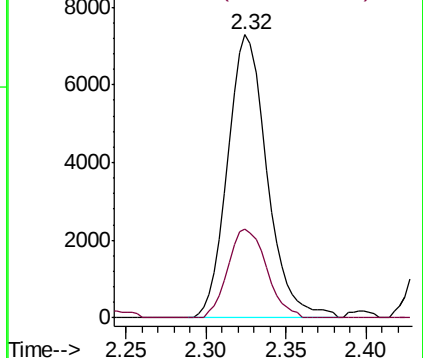
43 100

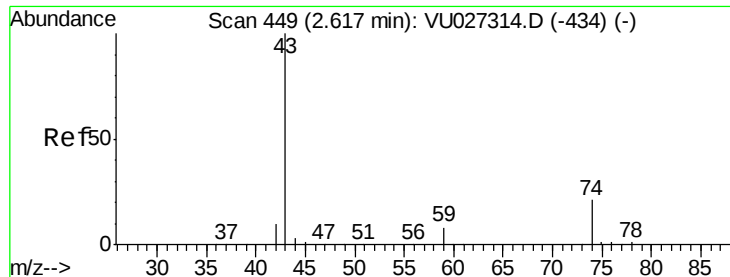
58 31.2 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

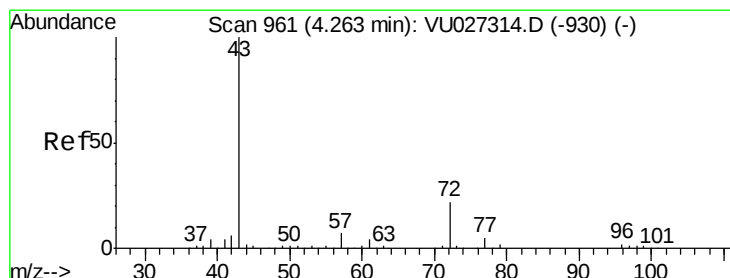
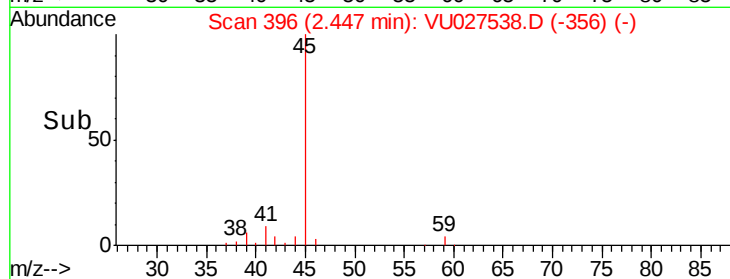
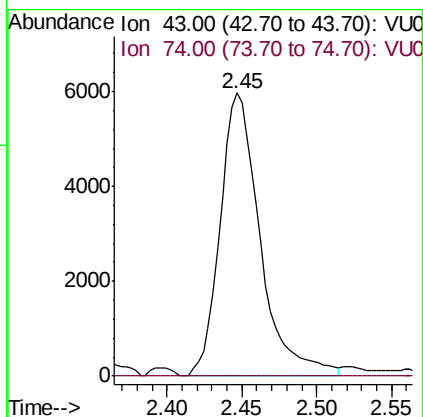
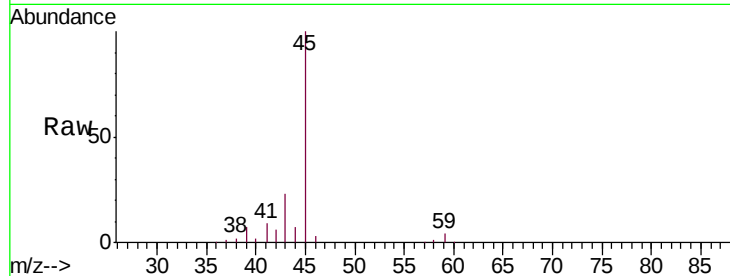




#18
Methyl Acetate
Concen: 4.468 ug/l
RT: 2.45 min Scan# 396
Delta R.T. -0.17 min
Lab File: VU027538.D
Acq: 09 Oct 2018 21:55

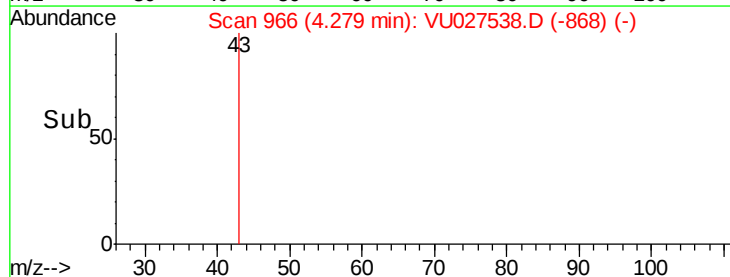
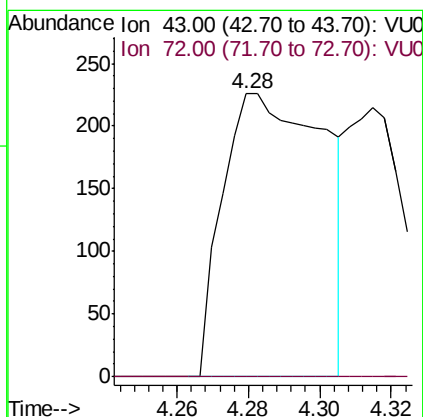
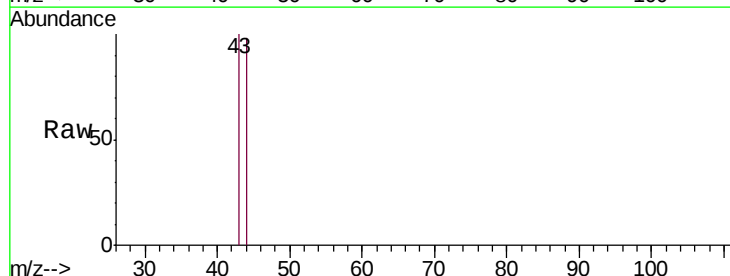
Instrument :
MSVOA_U
ClientSampleId :
FL-PH-2

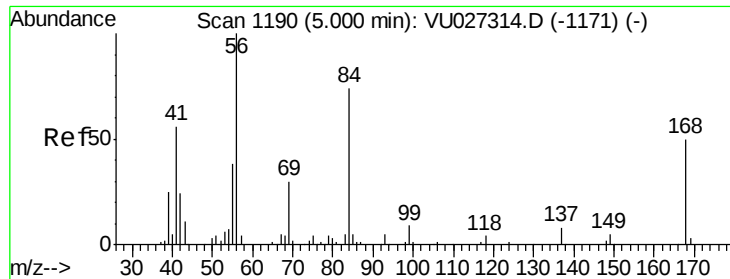
Tgt Ion: 43 Resp: 11136
Ion Ratio Lower Upper
43 100
74 0.0 16.5 24.7#



#25
2-Butanone
Concen: 0.297 ug/l
RT: 4.28 min Scan# 966
Delta R.T. 0.02 min
Lab File: VU027538.D
Acq: 09 Oct 2018 21:55

Tgt Ion: 43 Resp: 443
Ion Ratio Lower Upper
43 100
72 0.0 17.8 26.6#

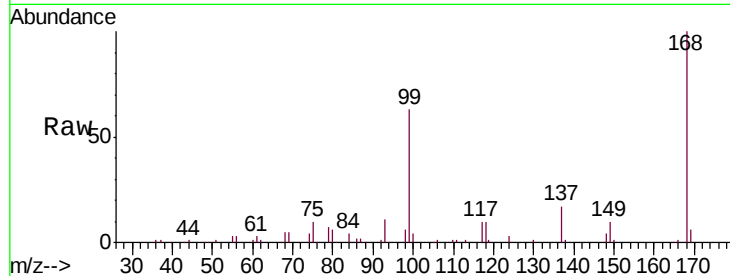




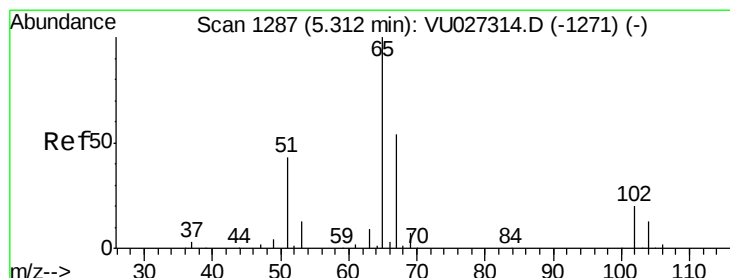
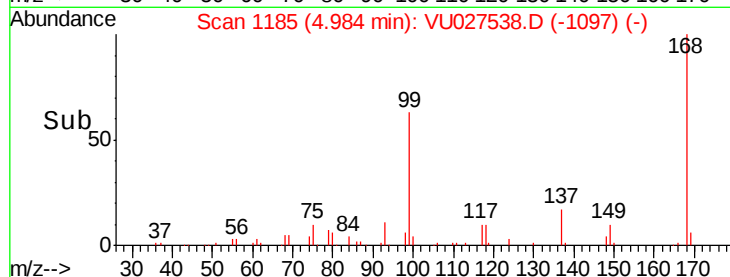
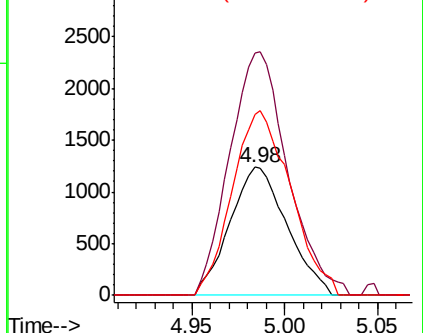
#31
Cyclohexane
Concen: 0.660 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.02 min
Lab File: VU027538.D
Acq: 09 Oct 2018 21:55

Instrument :
MSVOA_U
ClientSampleId :
FL-PH-2

Tgt Ion: 56 Resp: 2655
Ion Ratio Lower Upper
56 100
69 189.7 24.1 36.1#
84 140.9 59.1 88.7#

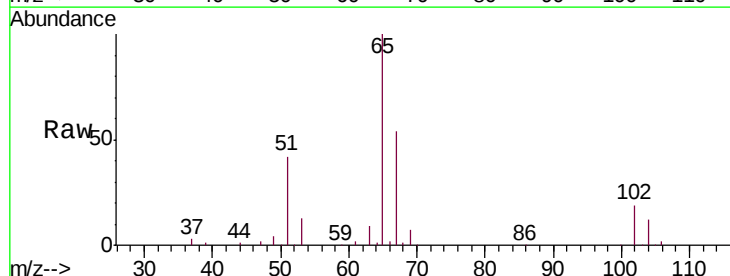


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

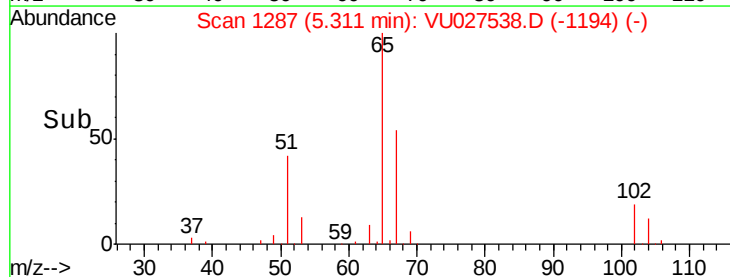
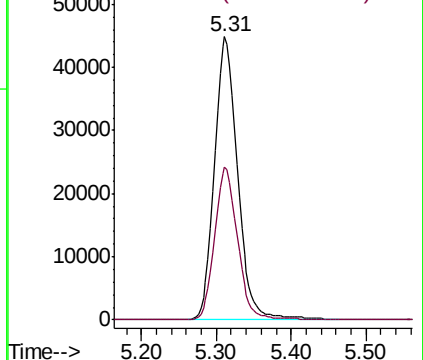


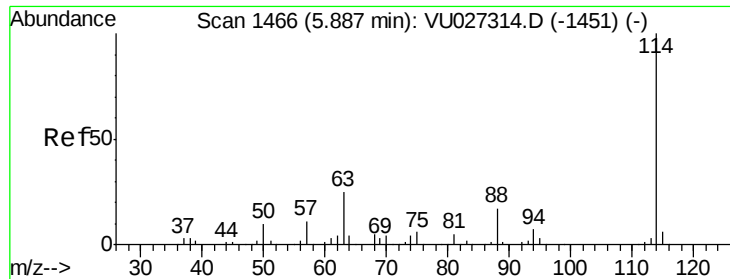
#33
1,2-Dichloroethane-d4
Concen: 52.332 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. 0.00 min
Lab File: VU027538.D
Acq: 09 Oct 2018 21:55

Tgt Ion: 65 Resp: 96772
Ion Ratio Lower Upper
65 100
67 52.9 0.0 107.8



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

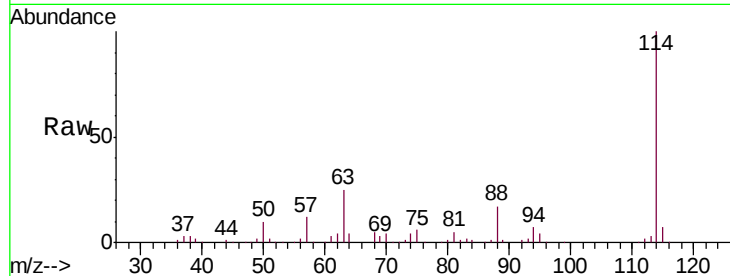




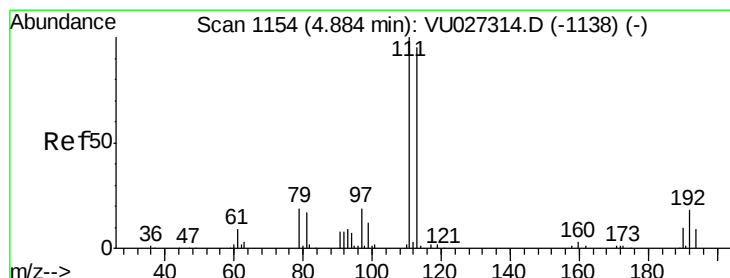
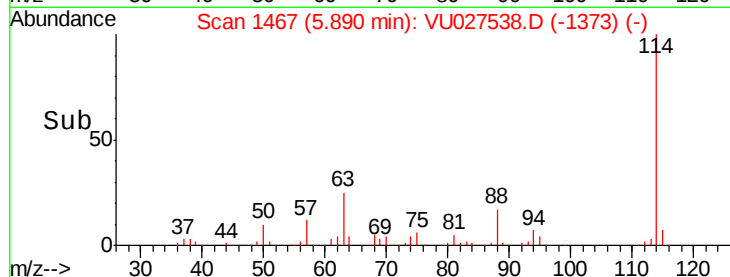
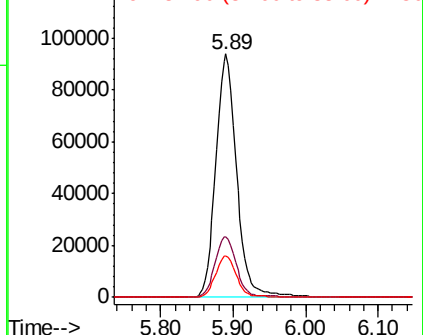
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027538.D
 Acq: 09 Oct 2018 21:55

Instrument :
 MSVOA_U
 ClientSampleId :
 FL-PH-2

Tgt Ion:114 Resp: 187576
 Ion Ratio Lower Upper
 114 100
 63 25.1 0.0 50.2
 88 17.2 0.0 33.8

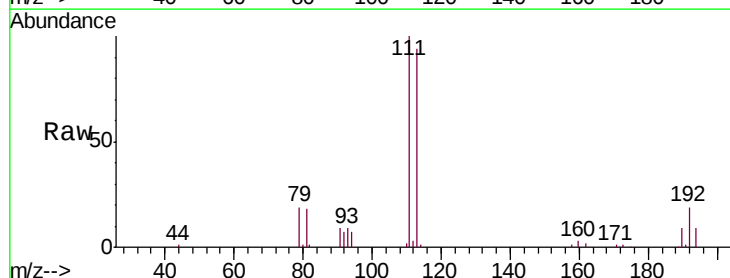


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

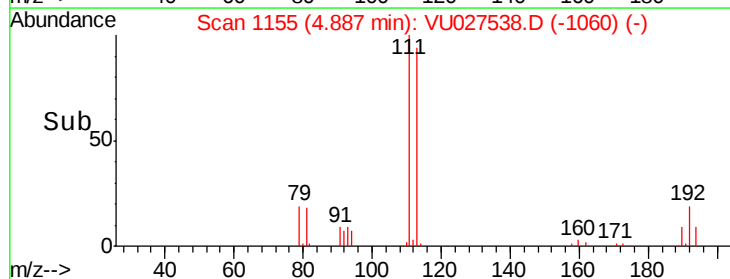
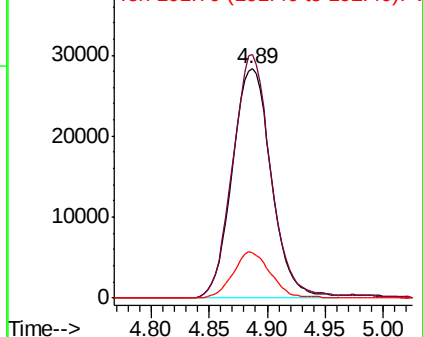


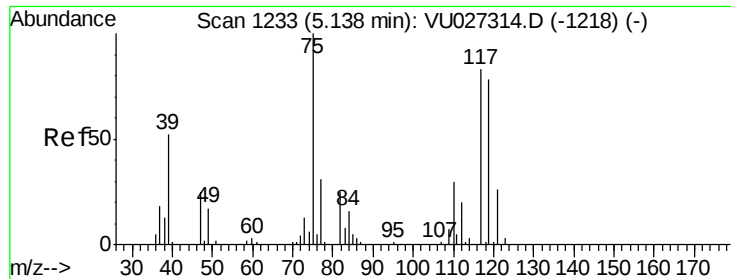
#35
 Dibromofluoromethane
 Concen: 51.732 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027538.D
 Acq: 09 Oct 2018 21:55

Tgt Ion:113 Resp: 66502
 Ion Ratio Lower Upper
 113 100
 111 103.3 83.1 124.7
 192 19.3 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

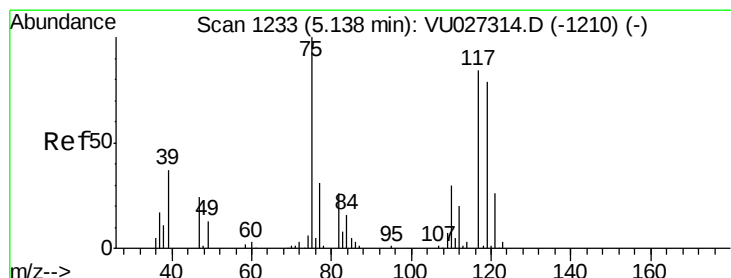
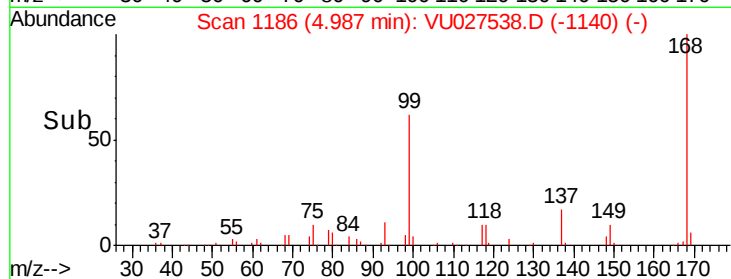
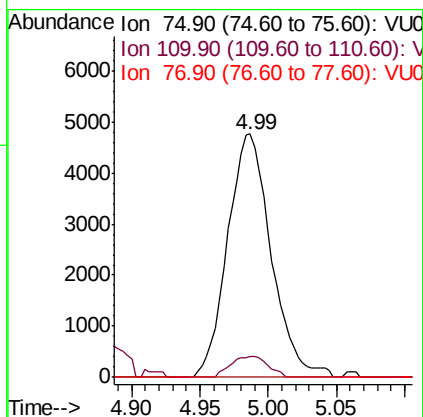
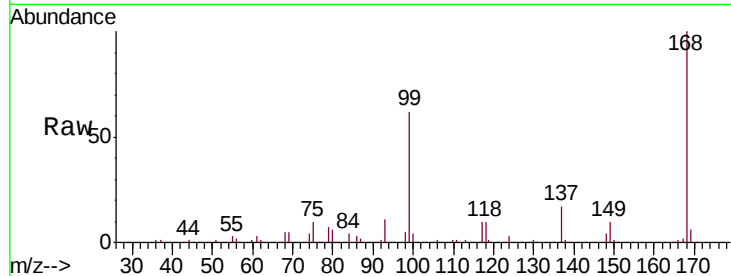




#36
 1,1-Dichloropropene
 Concen: 5.180 ug/l
 RT: 4.99 min Scan# 1186
 Delta R.T. -0.15 min
 Lab File: VU027538.D
 Acq: 09 Oct 2018 21:55

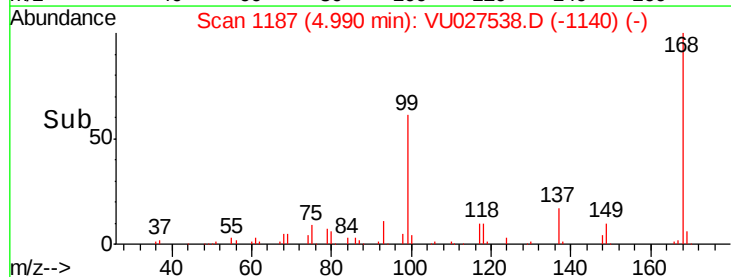
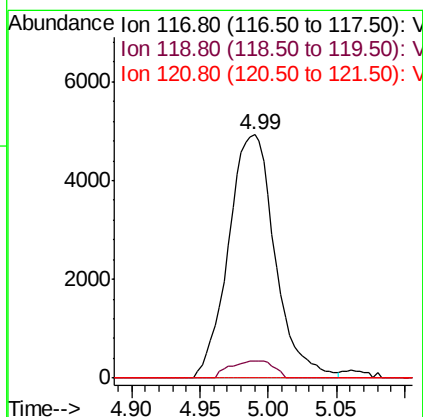
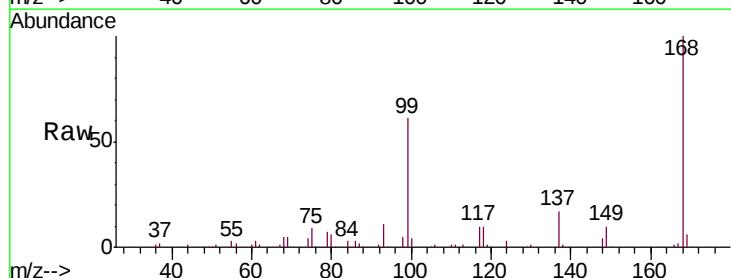
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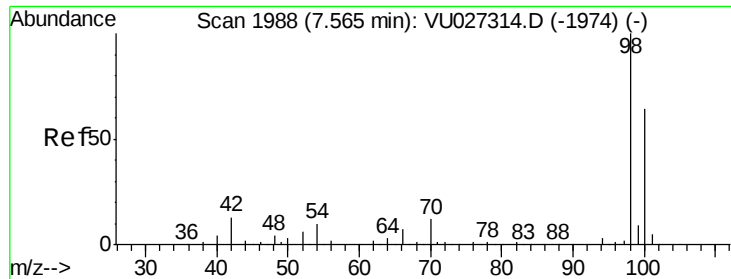
Tgt Ion: 75 Resp: 10550
 Ion Ratio Lower Upper
 75 100
 110 7.4 15.5 46.5#
 77 0.0 25.4 38.0#



#38
 Carbon Tetrachloride
 Concen: 6.355 ug/l
 RT: 4.99 min Scan# 1187
 Delta R.T. -0.15 min
 Lab File: VU027538.D
 Acq: 09 Oct 2018 21:55

Tgt Ion: 117 Resp: 11691
 Ion Ratio Lower Upper
 117 100
 119 7.2 74.5 111.7#
 121 0.0 24.6 37.0#

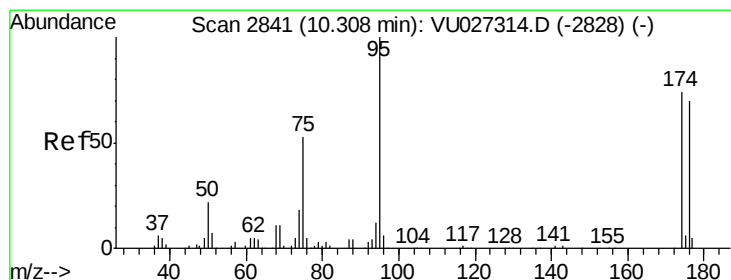
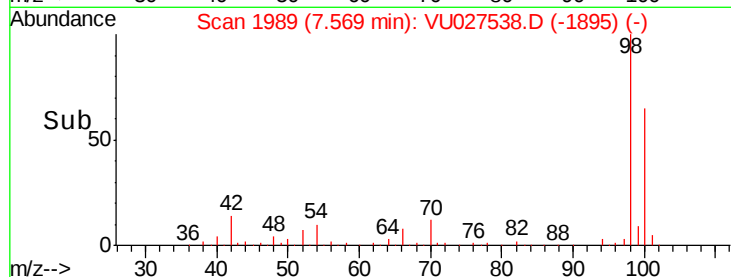
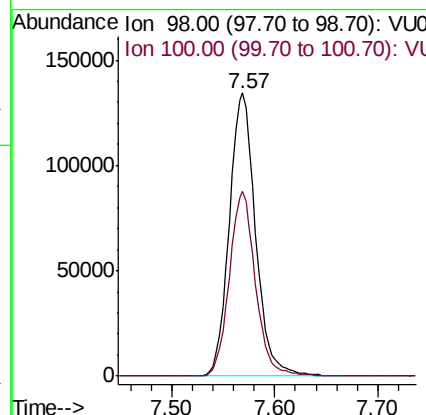
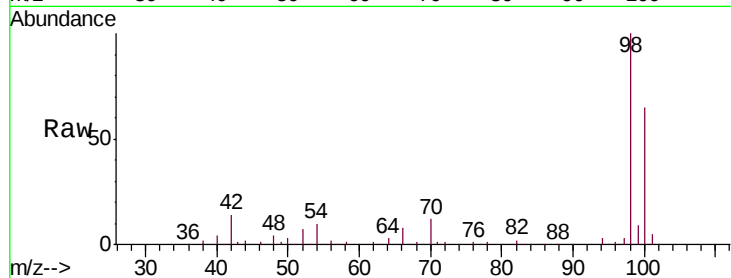




#50
Toluene-d8
Concen: 49.610 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VU027538.D
Acq: 09 Oct 2018 21:55

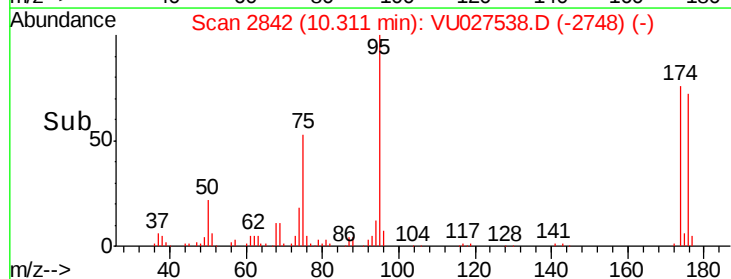
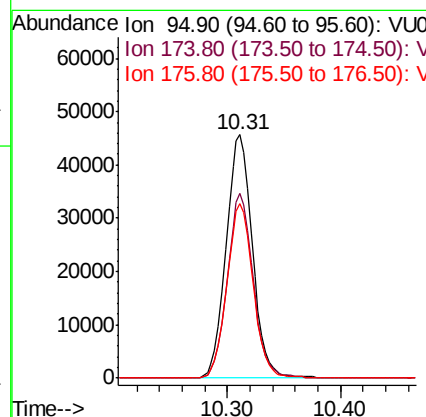
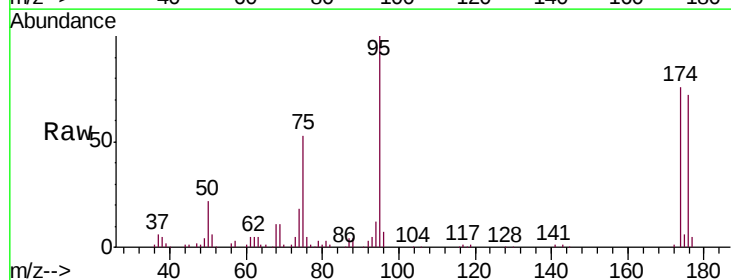
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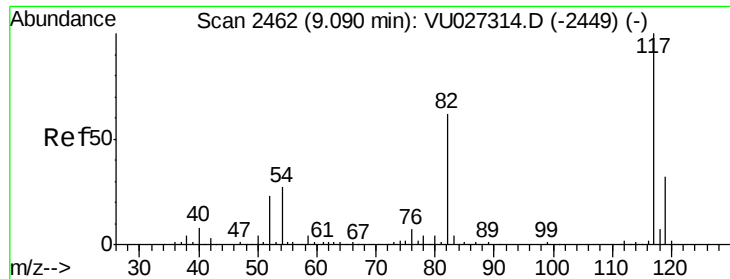
Tgt Ion: 98 Resp: 238687
Ion Ratio Lower Upper
98 100
100 64.8 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 41.315 ug/l
RT: 10.31 min Scan# 2842
Delta R.T. 0.00 min
Lab File: VU027538.D
Acq: 09 Oct 2018 21:55

Tgt Ion: 95 Resp: 73873
Ion Ratio Lower Upper
95 100
174 74.4 0.0 147.8
176 71.3 0.0 140.8

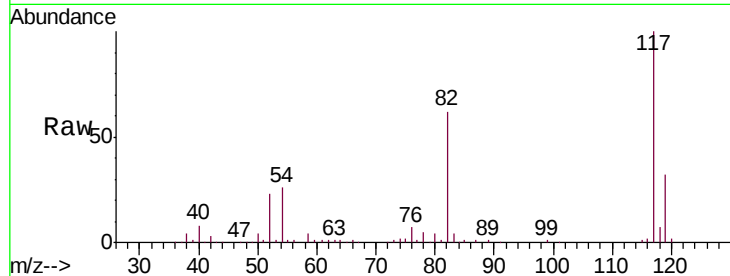




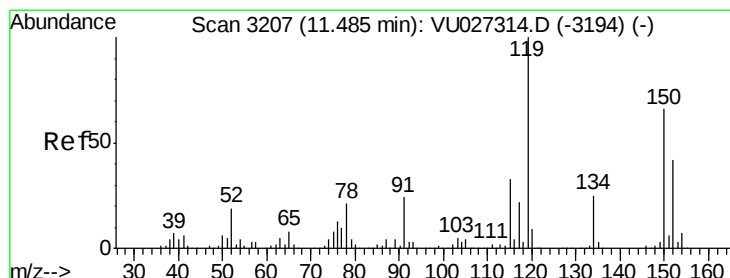
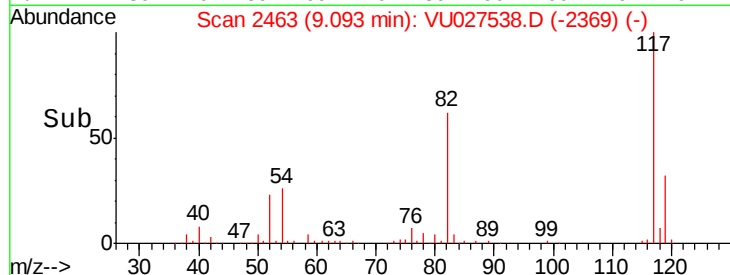
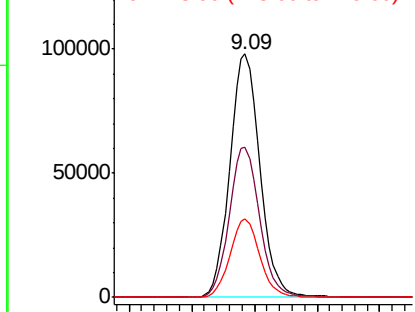
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU027538.D
Acq: 09 Oct 2018 21:55

Instrument :
MSVOA_U
ClientSampleId :
FL-PH-2

Tgt Ion:117 Resp: 163628
Ion Ratio Lower Upper
117 100
82 61.6 49.2 73.8
119 32.1 25.7 38.5

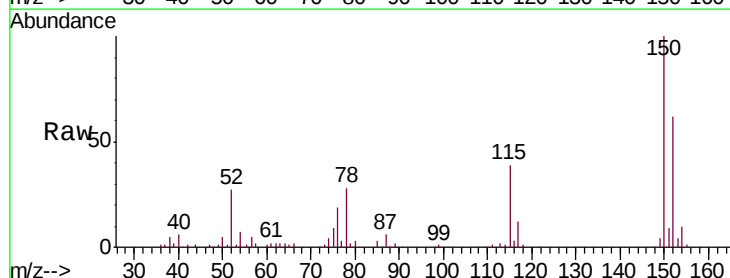


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

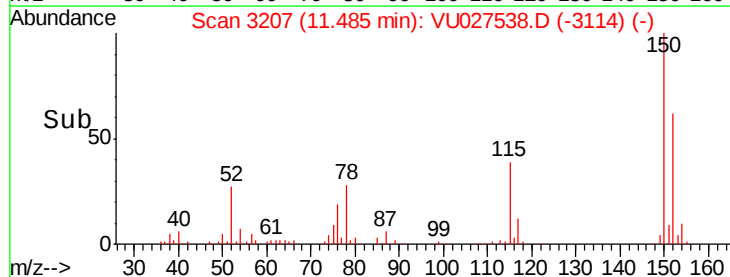
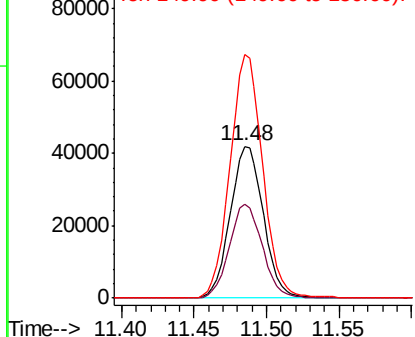


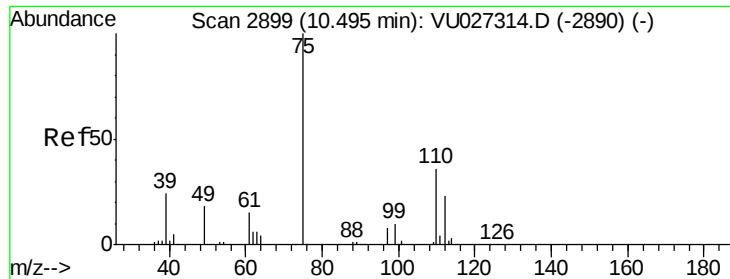
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. -0.00 min
Lab File: VU027538.D
Acq: 09 Oct 2018 21:55

Tgt Ion:152 Resp: 66327
Ion Ratio Lower Upper
152 100
115 61.4 43.4 130.2
150 158.2 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

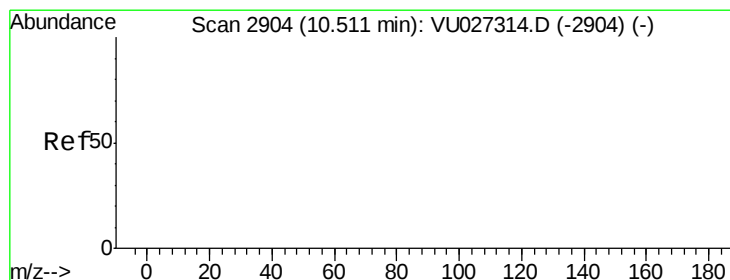
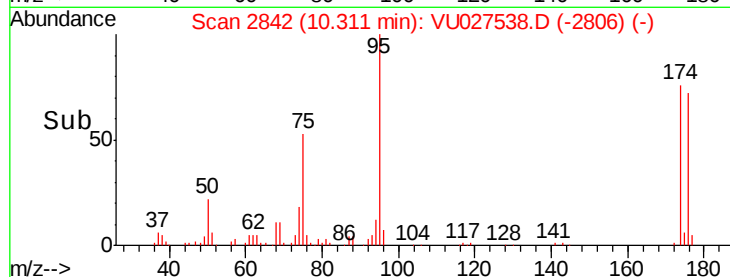
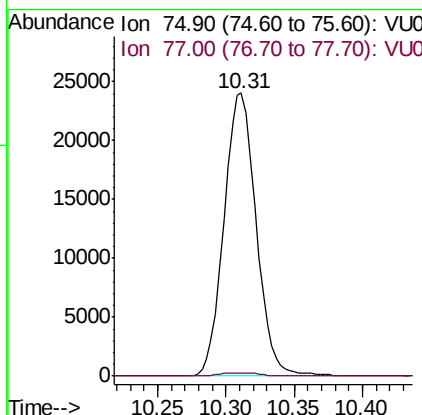
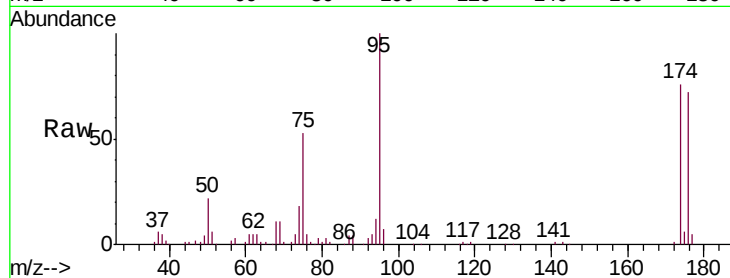




#76
 1,2,3-Trichloropropane
 Concen: 22.941 ug/l
 RT: 10.31 min Scan# 2842
 Delta R.T. -0.18 min
 Lab File: VU027538.D
 Acq: 09 Oct 2018 21:55

Instrument :
 MSVOA_U
 ClientSampled :
 FL-PH-2

Tgt Ion: 75 Resp: 39444
 Ion Ratio Lower Upper
 75 100
 77 1.3 20.3 60.9#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 60.040 ug/l
 RT: 10.31 min Scan# 2842
 Delta R.T. -0.20 min
 Lab File: VU027538.D
 Acq: 09 Oct 2018 21:55

Tgt Ion: 75 Resp: 39444
 Ion Ratio Lower Upper
 75 100
 53 0.0 0.0 0.0
 89 0.0 0.0 0.0

