

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072718\
 Data File : VU025702.D
 Acq On : 28 Jul 2018 04:59
 Operator : MD/SY
 Sample : J4069-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 KY030SP005-180718

Quant Time: Jul 28 05:33:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 27 13:11:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	170693	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	266206	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	262445	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	157443	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	131494	49.44	ug/l	0.00
Spiked Amount			Recovery	=	98.88%	
35) Dibromofluoromethane	4.89	113	110508	47.73	ug/l	0.00
Spiked Amount			Recovery	=	95.46%	
50) Toluene-d8	7.57	98	393137	48.52	ug/l	0.00
Spiked Amount			Recovery	=	97.04%	
62) 4-Bromofluorobenzene	10.31	95	152660	48.54	ug/l	0.00
Spiked Amount			Recovery	=	97.08%	

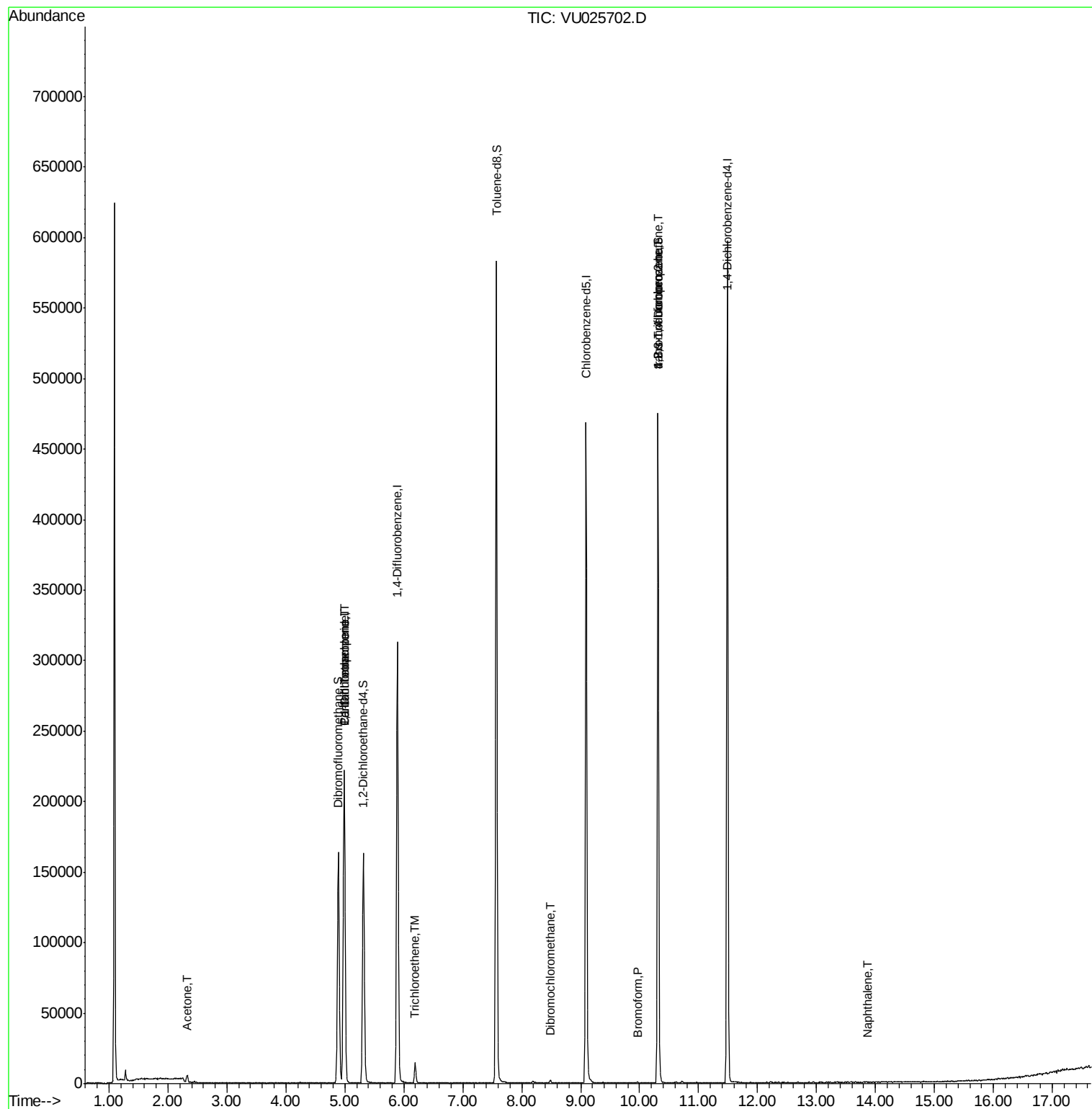
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	2.19	56	44	Below Cal	#	1
16) Acetone	2.33	43	5220	4.03	ug/l	99
31) Cyclohexane	4.99	56	3361	Below Cal	#	1
36) 1,1-Dichloropropene	4.99	75	12376	3.98	ug/l	50
38) Carbon Tetrachloride	4.99	117	16301	4.63	ug/l	18
44) Trichloroethene	6.19	130	4973	1.96	ug/l	89
60) Dibromochloromethane	8.48	129	1171	0.42	ug/l	90
71) Bromoform	9.96	173	536	0.25	ug/l	86
76) 1,2,3-Trichloropropane	10.31	75	79468	22.91	ug/l	36
81) trans-1,4-Dichloro-2-buten	10.31	75	79468	57.44	ug/l	100
95) Naphthalene	13.87	128	21	1.25	ug/l	69

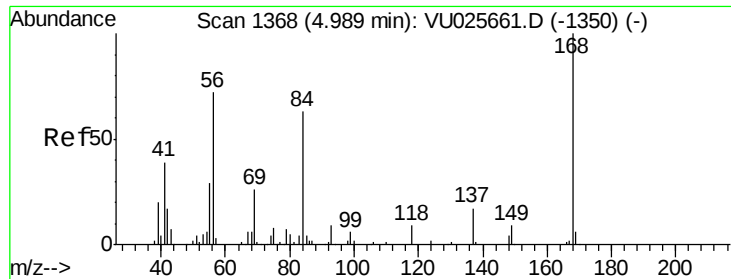
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU072718\
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Quant Time: Jul 28 05:33:31 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 27 13:11:52 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU025702.D

Acq: 28 Jul 2018 04:59

Instrument :

MSVOA_U

ClientSampleId :

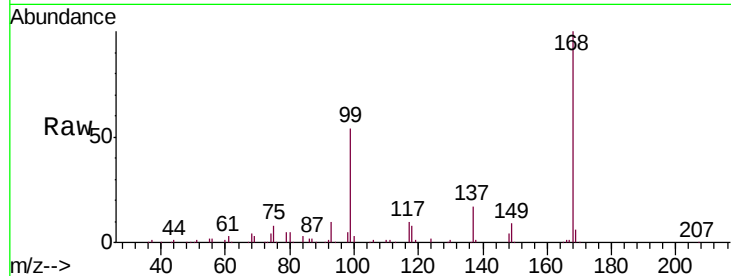
KY030SP005-180718

Tot Ion:168 Resp: 170693

Ion Ratio Lower Upper

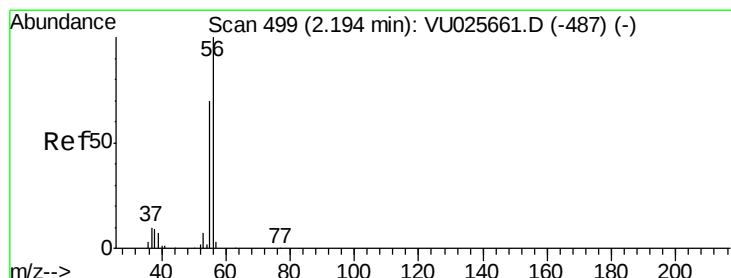
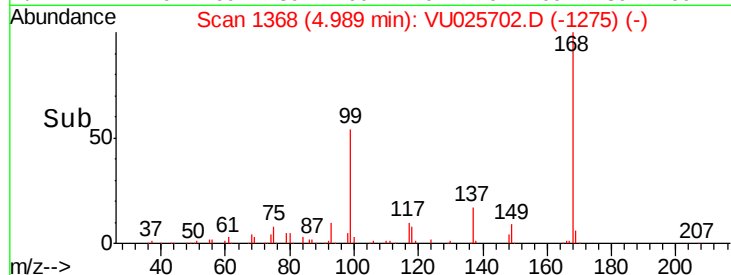
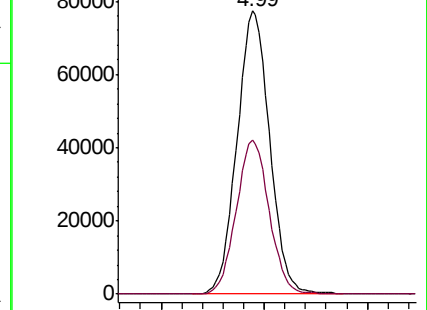
168 100

99 54.2 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): VU025661.D (-1350) (-)

Ion 98.90 (98.60 to 99.60): VU025661.D (-1350) (-)



#13

Acrolein

Concen: Below Cal

RT: 2.19 min Scan# 499

Delta R.T. 0.00 min

Lab File: VU025702.D

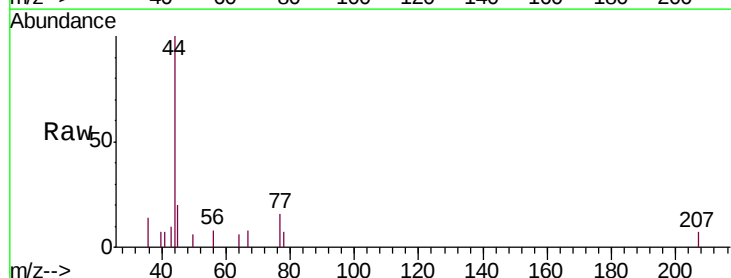
Acq: 28 Jul 2018 04:59

Tgt Ion: 56 Resp: 44

Ion Ratio Lower Upper

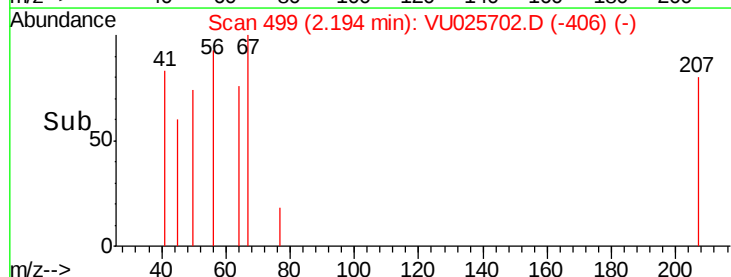
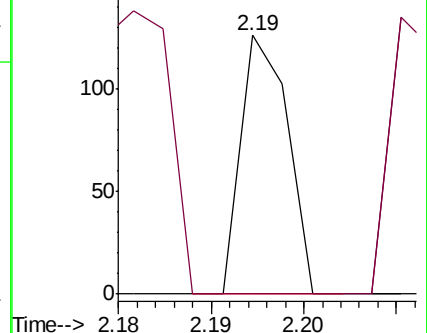
56 100

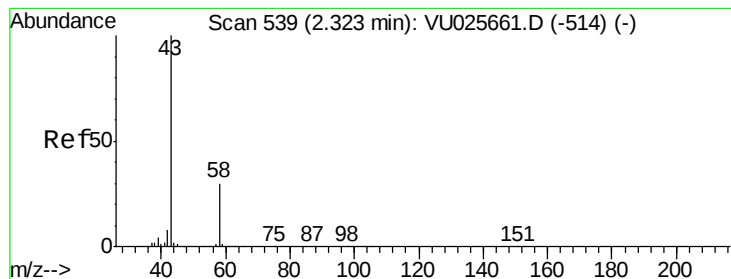
55 215.9 57.2 85.8#



Abundance Ion 56.00 (55.70 to 56.70): VU025661.D (-487) (-)

Ion 55.00 (54.70 to 55.70): VU025661.D (-487) (-)





#16

Acetone

Concen: 4.03 ug/l

RT: 2.33 min Scan# 540

Delta R.T. 0.00 min

Lab File: VU025702.D

Acq: 28 Jul 2018 04:59

Instrument :

MSVOA_U

ClientSampleId :

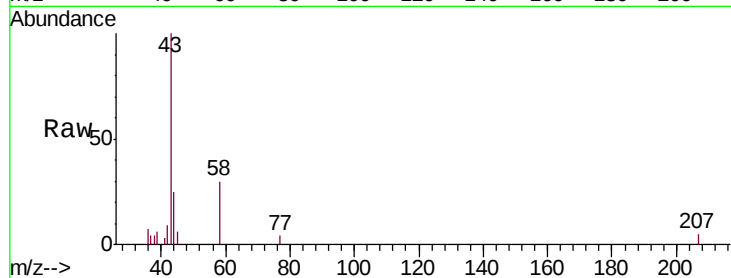
KY030SP005-180718

Tot Ion: 43 Resp: 5220

Ion Ratio Lower Upper

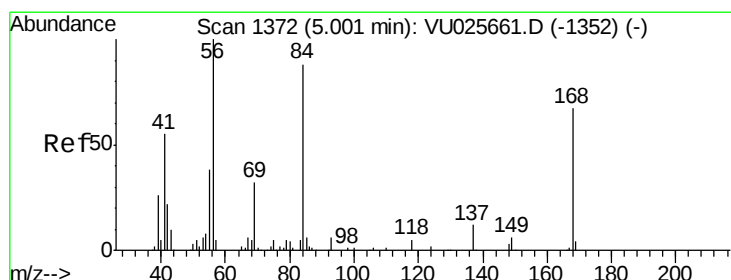
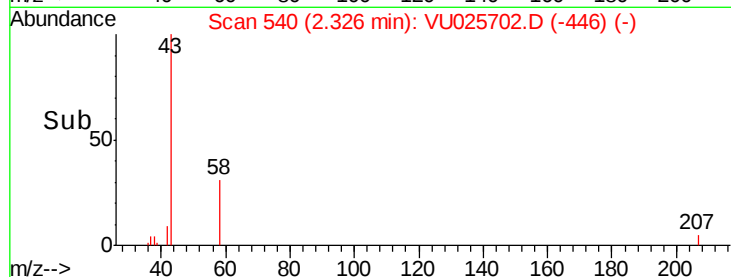
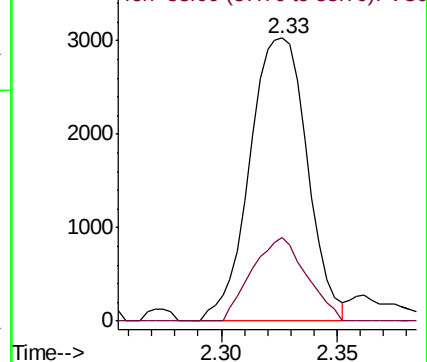
43 100

58 29.6 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VU025661.D (-514) (-)

Ion 58.00 (57.70 to 58.70): VU025661.D (-514) (-)



#31

Cyclohexane

Concen: Below Cal

RT: 4.99 min Scan# 1369

Delta R.T. -0.01 min

Lab File: VU025702.D

Acq: 28 Jul 2018 04:59

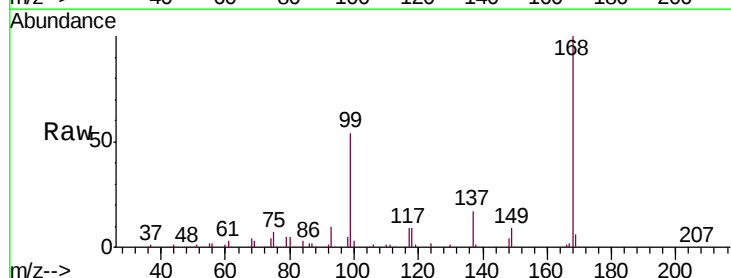
Tgt Ion: 56 Resp: 3361

Ion Ratio Lower Upper

56 100

69 186.2 26.8 40.2#

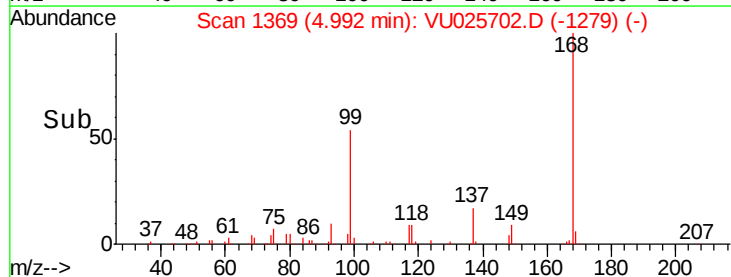
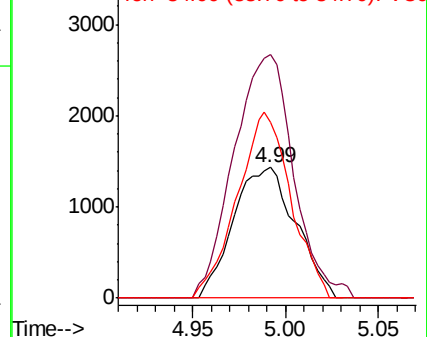
84 134.8 69.7 104.5#

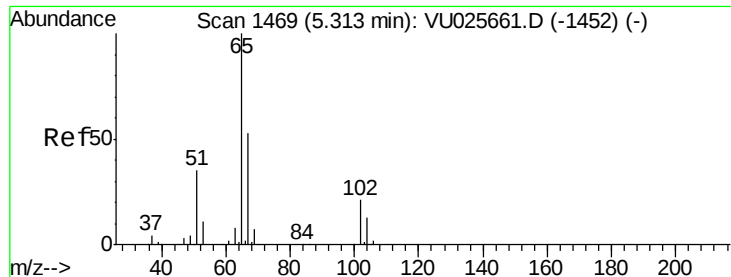


Abundance Ion 56.00 (55.70 to 56.70): VU025661.D (-1352) (-)

Ion 69.00 (68.70 to 69.70): VU025661.D (-1352) (-)

Ion 84.00 (83.70 to 84.70): VU025661.D (-1352) (-)

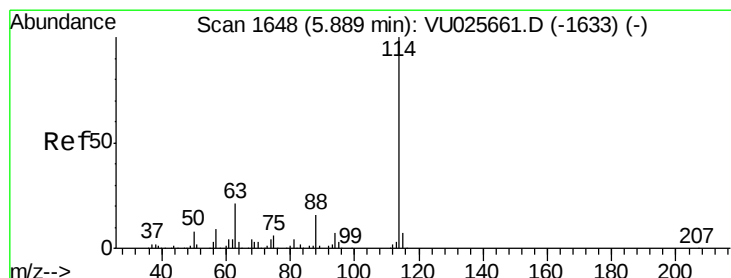
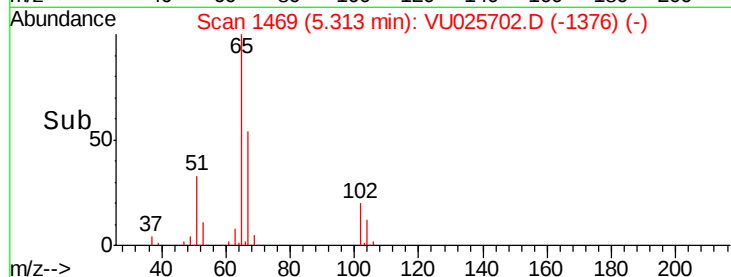
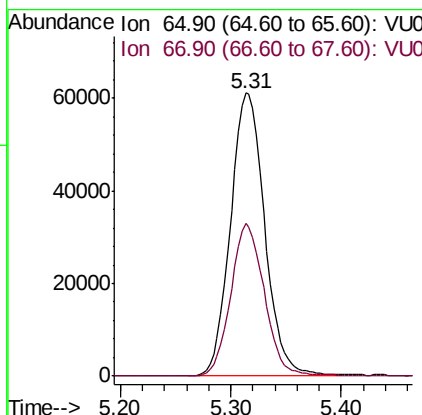
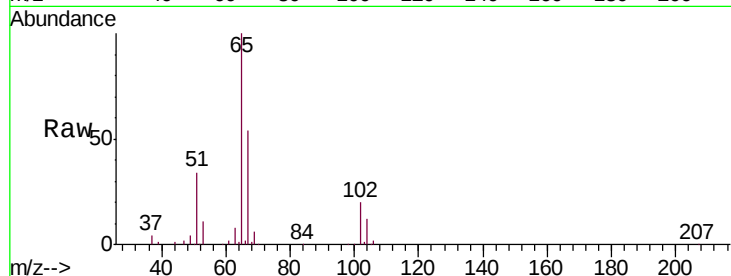




#33
 1,2-Dichloroethane-d4
 Concen: 49.44 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU025702.D
 Acq: 28 Jul 2018 04:59

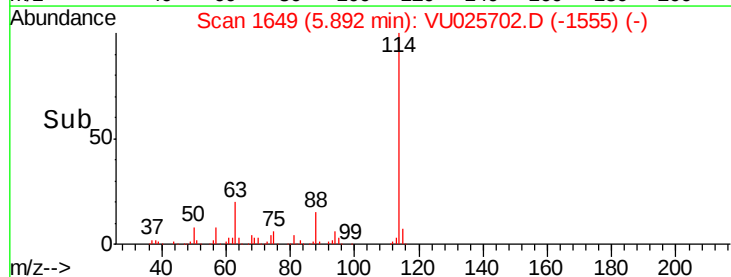
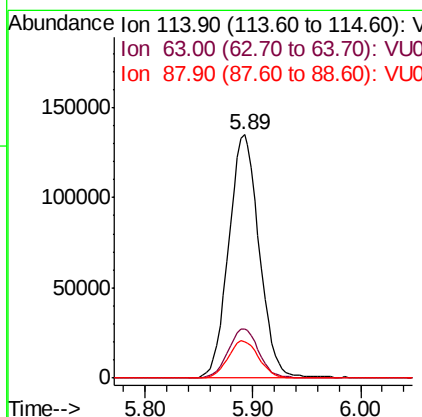
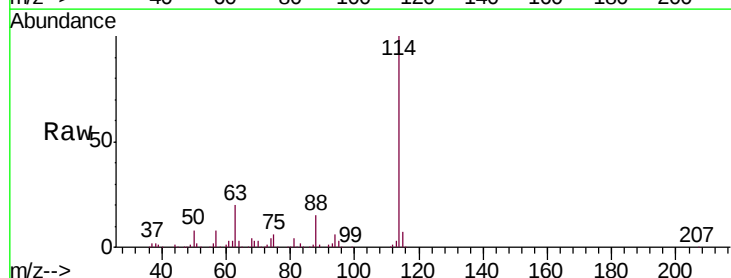
Instrument :
 MSVOA_U
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 KY030SP005-180718

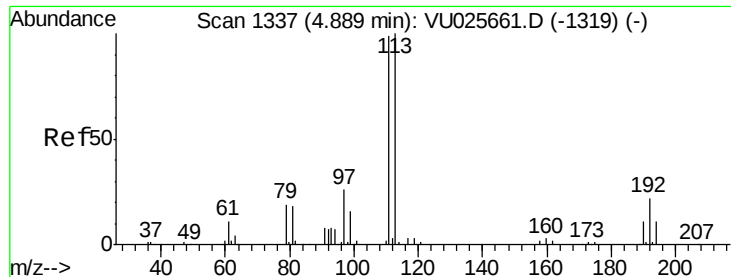
Tot Ion: 65 Resp: 131494
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: VU025702.D
 Acq: 28 Jul 2018 04:59

Tgt Ion: 114 Resp: 266206
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 41.6
 88 15.1 0.0 32.4

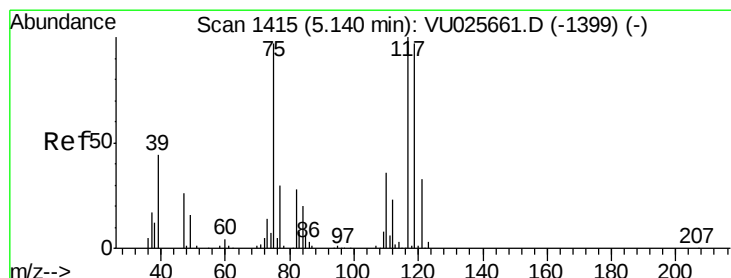
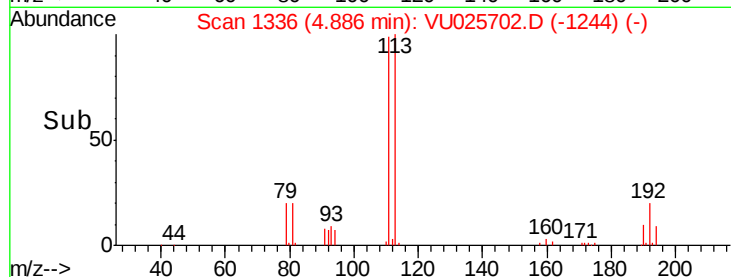
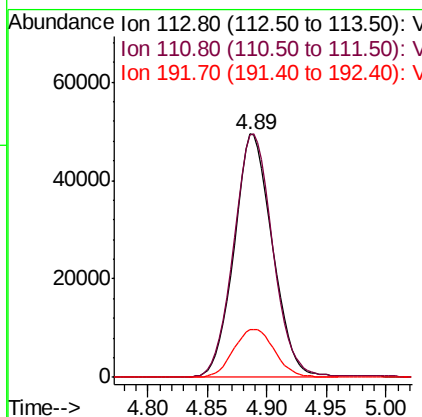
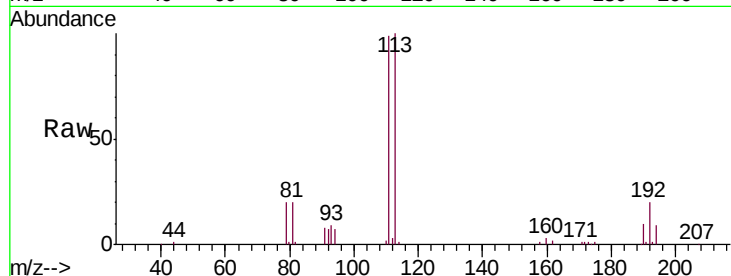




#35
 Dibromofluoromethane
 Concen: 47.73 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. -0.00 min
 Lab File: VU025702.D
 Acq: 28 Jul 2018 04:59

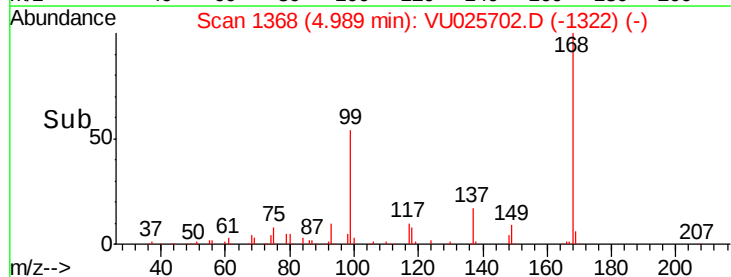
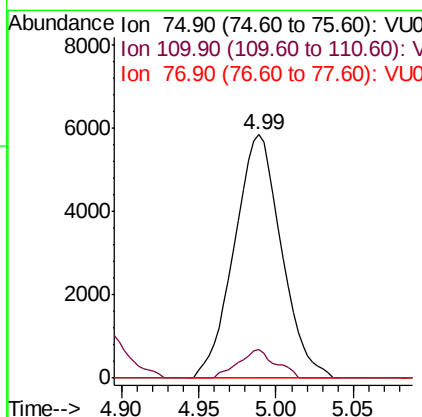
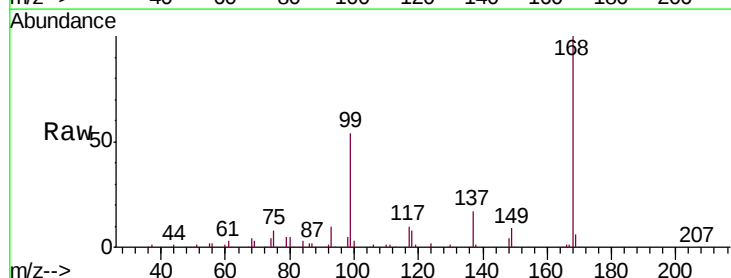
Instrument :
 MSVOA_U
 ClientSampleId :
 KY030SP005-180718

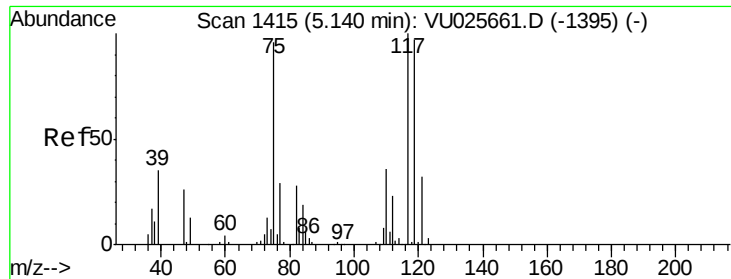
Tot Ion:113 Resp: 110508
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.7 122.5
 192 21.0 17.1 25.7



#36
 1,1-Dichloropropene
 Concen: 3.98 ug/l
 RT: 4.99 min Scan# 1368
 Delta R.T. -0.15 min
 Lab File: VU025702.D
 Acq: 28 Jul 2018 04:59

Tgt Ion: 75 Resp: 12376
 Ion Ratio Lower Upper
 75 100
 110 9.2 17.6 52.9#
 77 0.0 24.4 36.6#

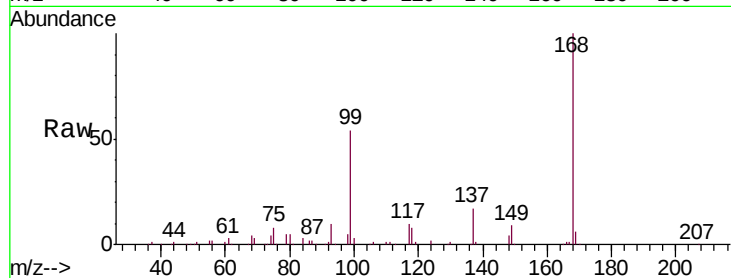




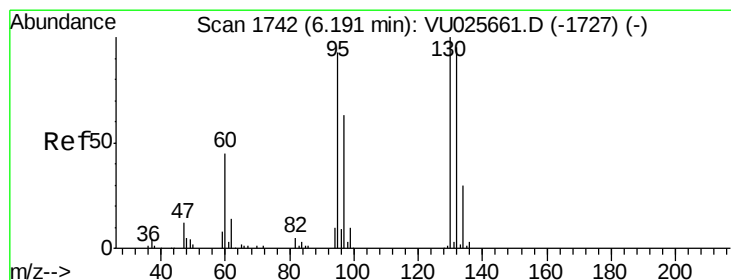
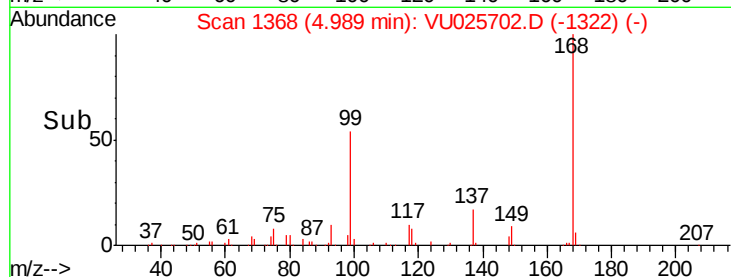
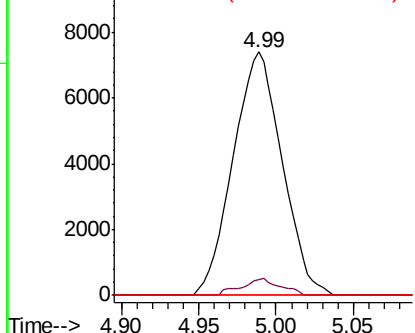
#38
Carbon Tetrachloride
Concen: 4.63 ug/l
RT: 4.99 min Scan# 1368
Delta R.T. -0.15 min
Lab File: VU025702.D
Acq: 28 Jul 2018 04:59

Instrument :
MSVOA_U
ClientSampleId :
KY030SP005-180718

Tot Ion:117 Resp: 16301
Ion Ratio Lower Upper
117 100
119 6.7 75.7 113.5#
121 0.0 24.6 36.8#

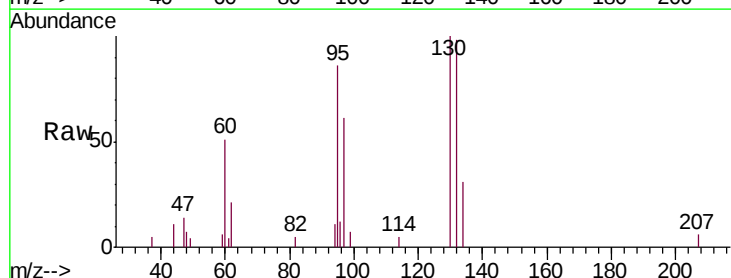


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

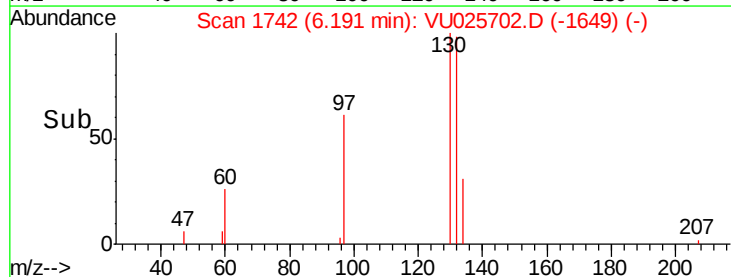
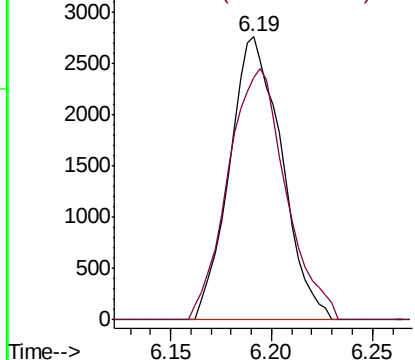


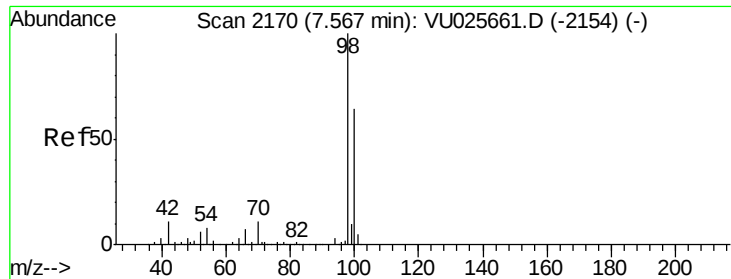
#44
Trichloroethene
Concen: 1.96 ug/l
RT: 6.19 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VU025702.D
Acq: 28 Jul 2018 04:59

Tgt Ion:130 Resp: 4973
Ion Ratio Lower Upper
130 100
95 85.8 0.0 192.2



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VU0

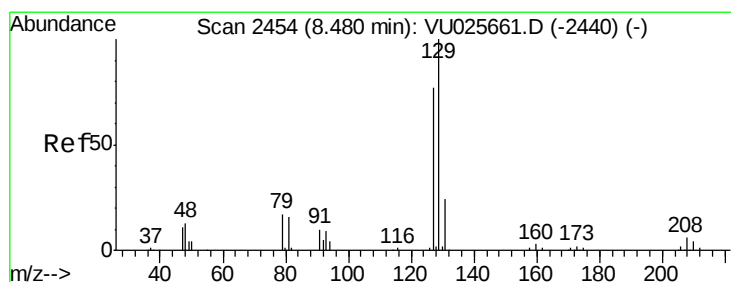
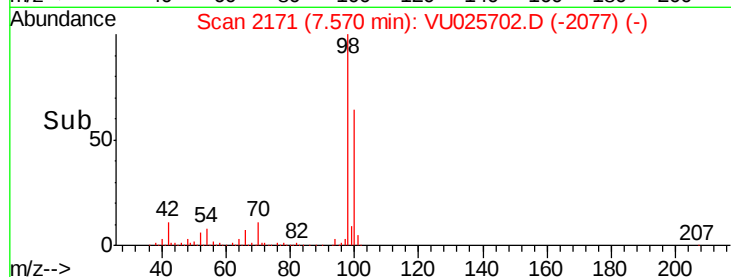
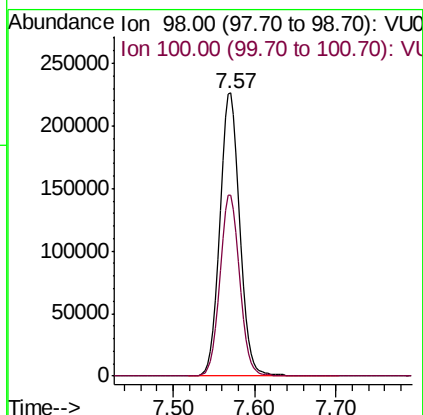
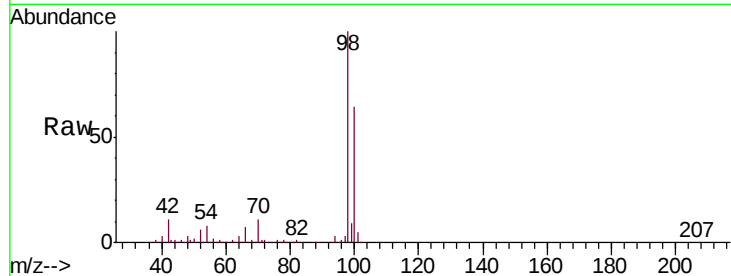




#50
Toluene-d8
Concen: 48.52 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. 0.00 min
Lab File: VU025702.D
Acq: 28 Jul 2018 04:59

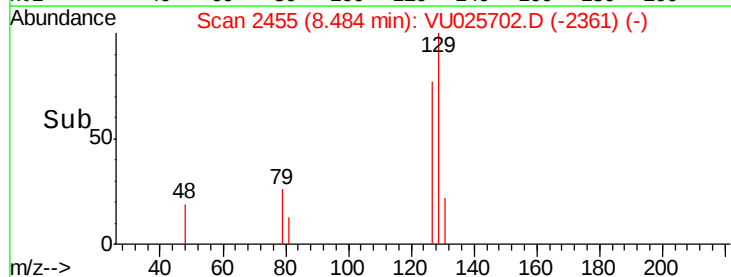
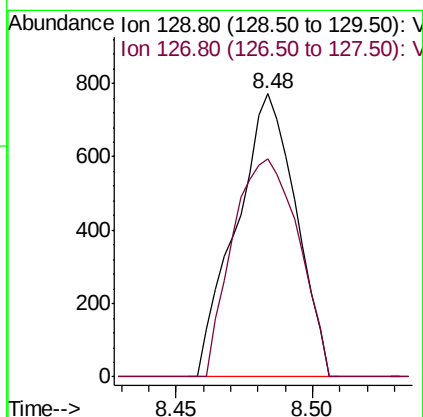
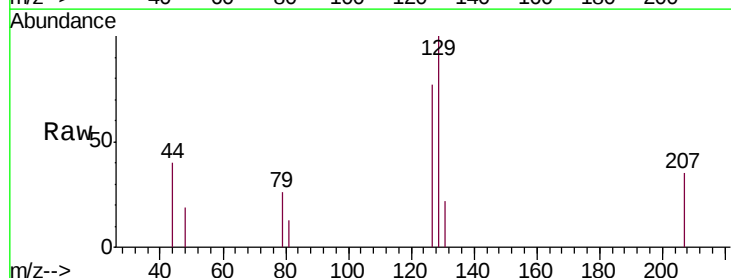
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KY030SP005-180718

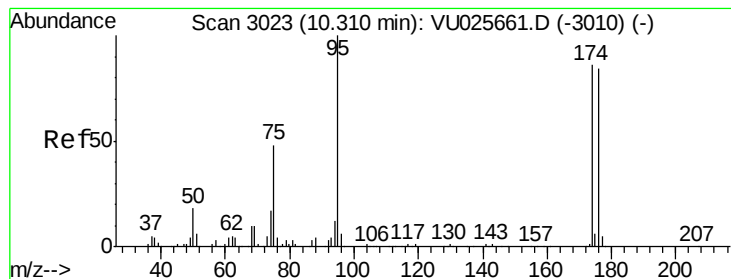
Tot Ion: 98 Resp: 393137
Ion Ratio Lower Upper
98 100
100 63.3 51.1 76.7



#60
Dibromochloromethane
Concen: 0.42 ug/l
RT: 8.48 min Scan# 2455
Delta R.T. 0.00 min
Lab File: VU025702.D
Acq: 28 Jul 2018 04:59

Tgt Ion: 129 Resp: 1171
Ion Ratio Lower Upper
129 100
127 85.5 38.6 115.8





#62

4-Bromofluorobenzene

Concen: 48.54 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025702.D

Acq: 28 Jul 2018 04:59

Instrument :

MSVOA_U

ClientSampleId :

KY030SP005-180718

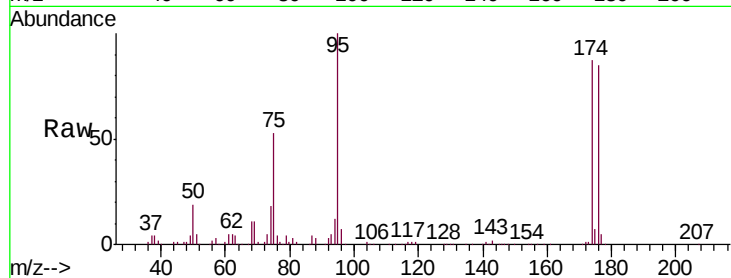
Tot Ion: 95 Resp: 152660

Ion Ratio Lower Upper

95 100

174 87.4 0.0 172.2

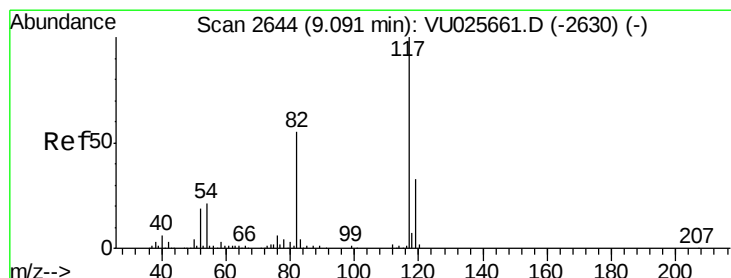
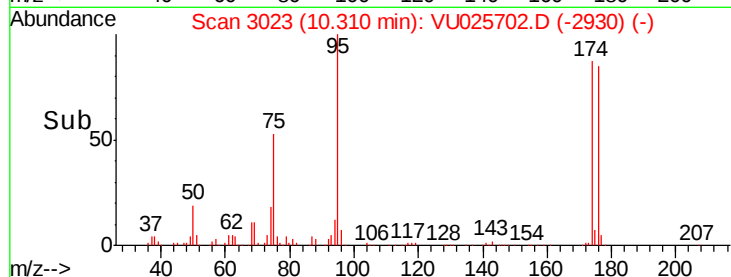
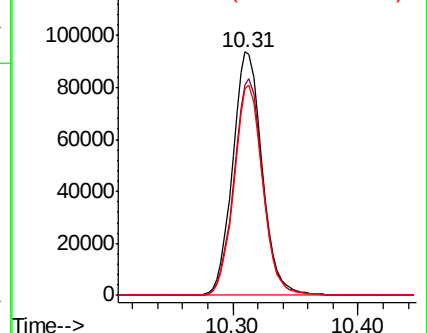
176 84.1 0.0 162.6



Abundance Ion 94.90 (94.60 to 95.60): VU025661.D (-3010) (-)

Ion 173.80 (173.50 to 174.50): VU025661.D (-3010) (-)

Ion 175.80 (175.50 to 176.50): VU025661.D (-3010) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VU025702.D

Acq: 28 Jul 2018 04:59

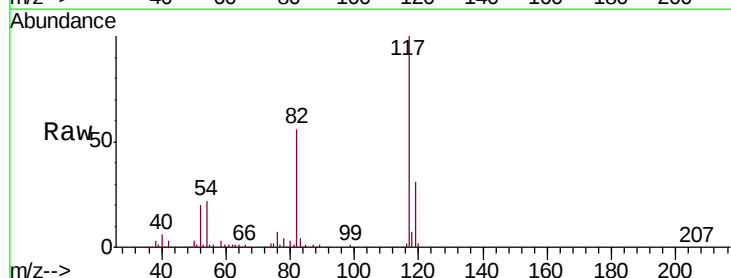
Tgt Ion: 117 Resp: 262445

Ion Ratio Lower Upper

117 100

82 55.6 46.0 69.0

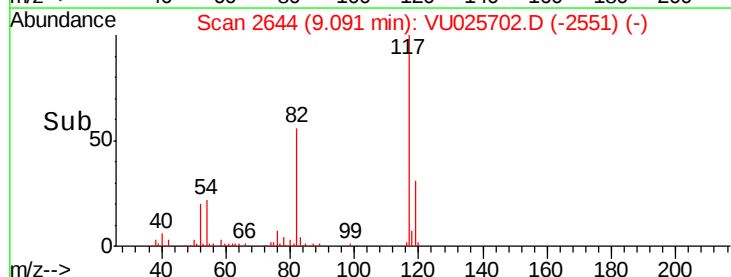
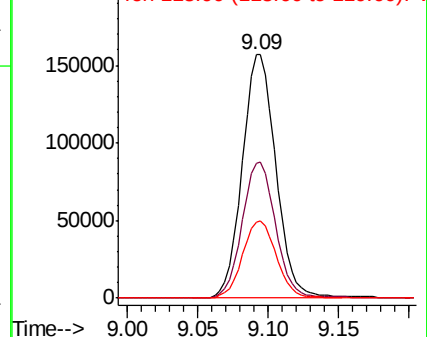
119 31.3 26.0 39.0

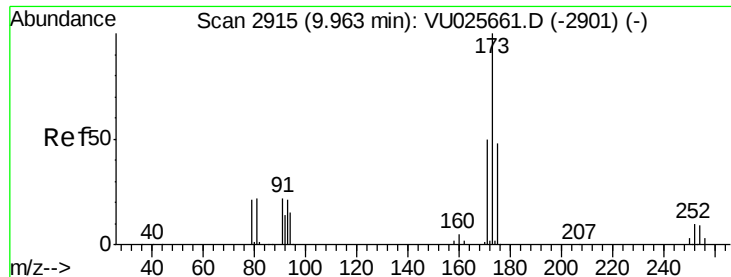


Abundance Ion 116.90 (116.60 to 117.60): VU025661.D (-2630) (-)

Ion 82.00 (81.70 to 82.70): VU025661.D (-2630) (-)

Ion 118.90 (118.60 to 119.60): VU025661.D (-2630) (-)





#71

Bromoform

Concen: 0.25 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU025702.D

Acq: 28 Jul 2018 04:59

Instrument :

MSVOA_U

ClientSampleId :

KY030SP005-180718

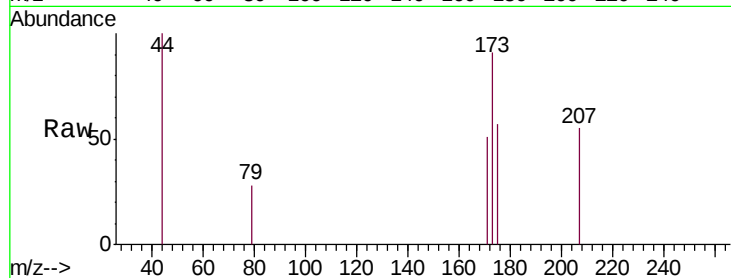
Tot Ion:173 Resp: 536

Ion Ratio Lower Upper

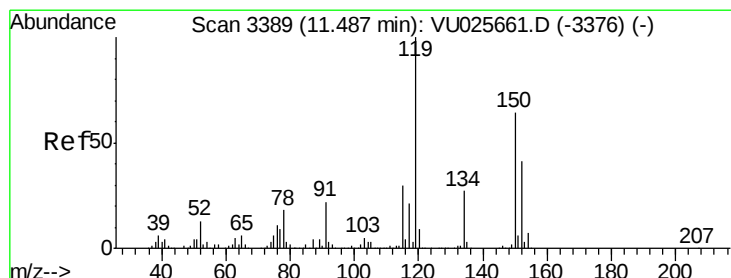
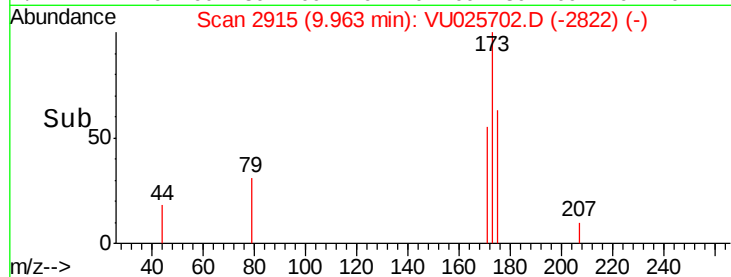
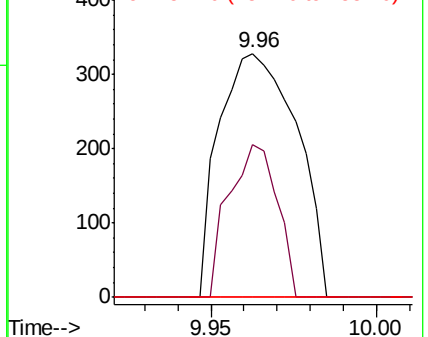
173 100

175 38.8 24.0 72.0

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU025702.D

Acq: 28 Jul 2018 04:59

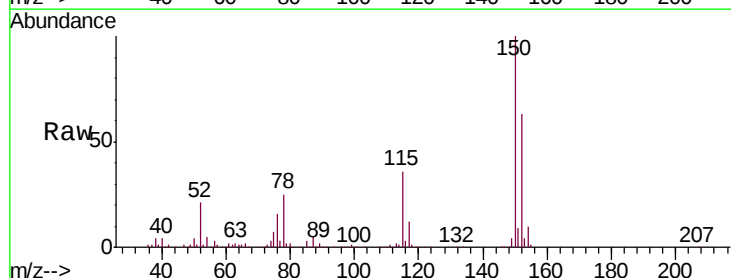
Tgt Ion:152 Resp: 157443

Ion Ratio Lower Upper

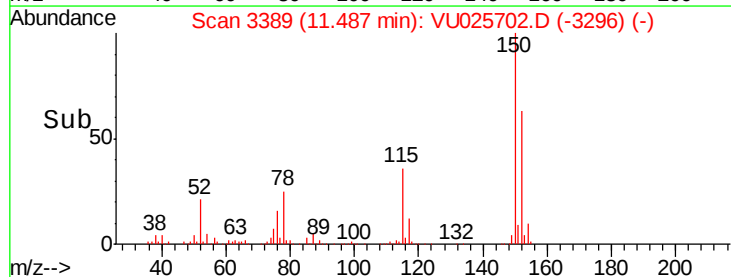
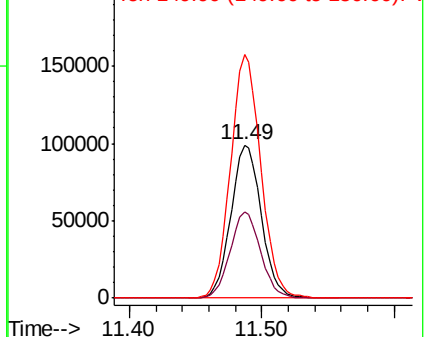
152 100

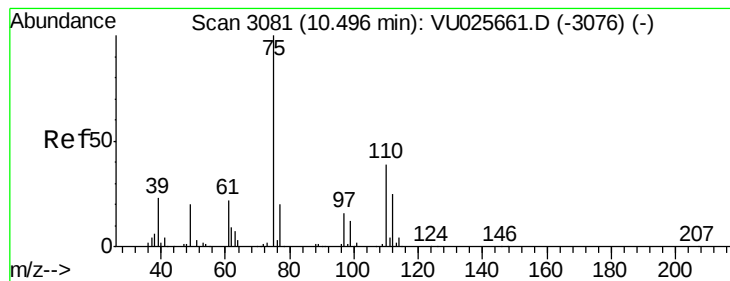
115 56.5 40.1 120.3

150 159.4 0.0 351.4



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: 22.91 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.19 min

Lab File: VU025702.D

Acq: 28 Jul 2018 04:59

Instrument :

MSVOA_U

ClientSampleId :

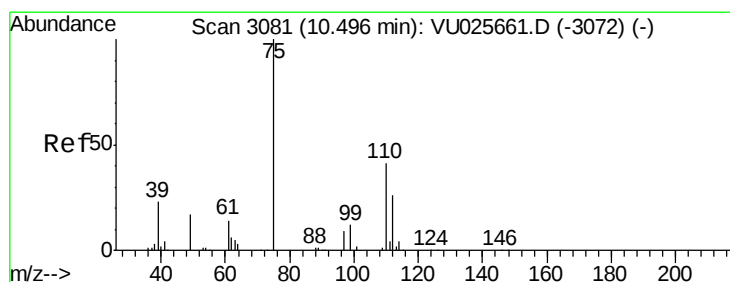
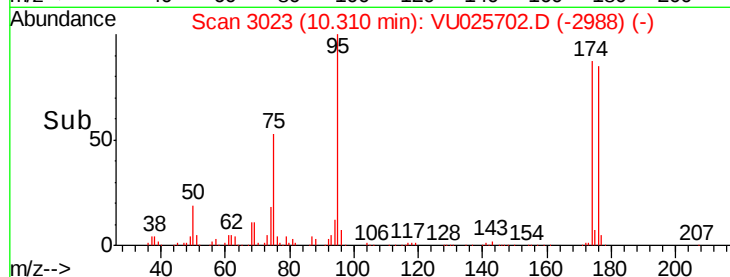
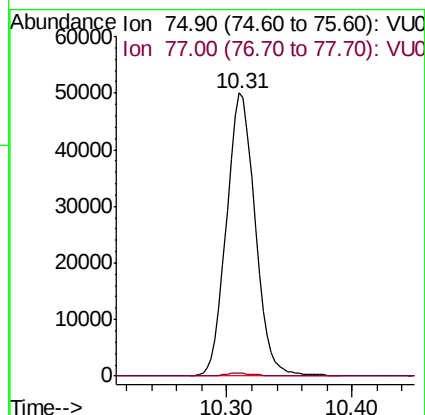
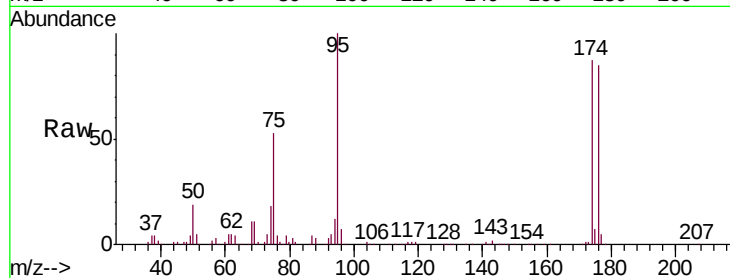
KY030SP005-180718

Tot Ion: 75 Resp: 79468

Ion Ratio Lower Upper

75 100

77 1.0 20.4 61.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 57.44 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.19 min

Lab File: VU025702.D

Acq: 28 Jul 2018 04:59

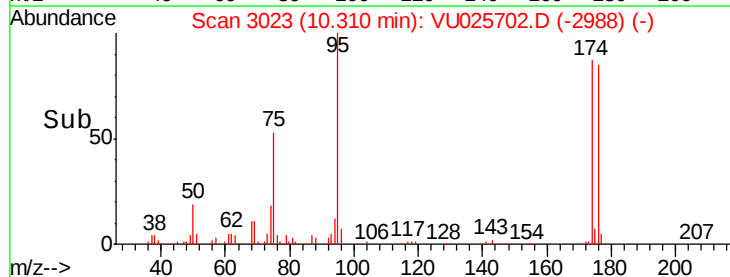
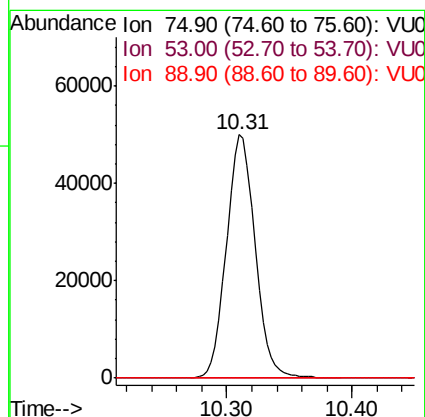
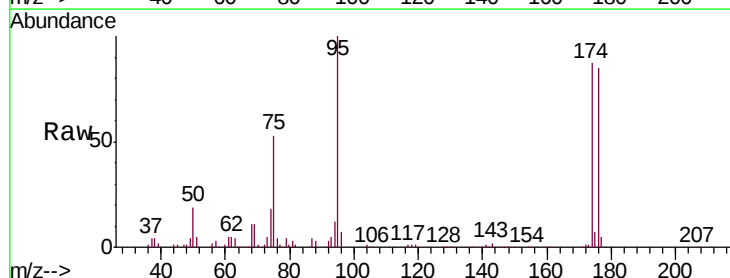
Tgt Ion: 75 Resp: 79468

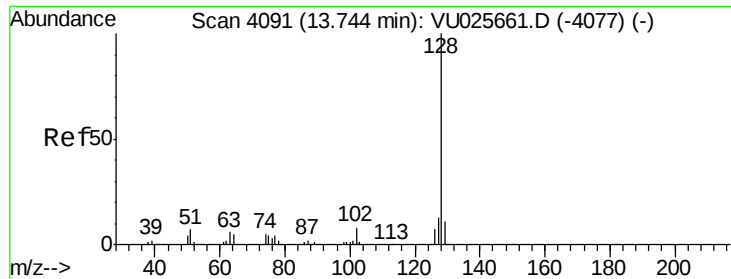
Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0





#95

Naphthalene

Concen: 1.25 ug/l

RT: 13.87 min Scan# 4130

Delta R.T. 0.13 min

Lab File: VU025702.D

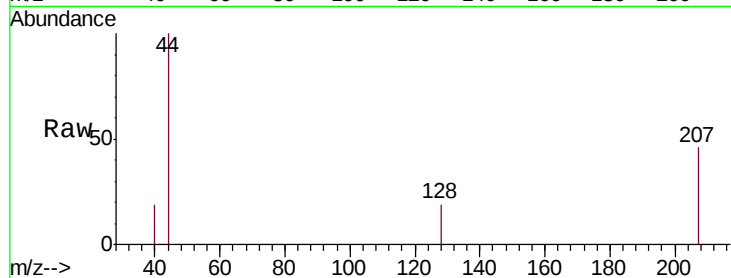
Acq: 28 Jul 2018 04:59

Instrument :

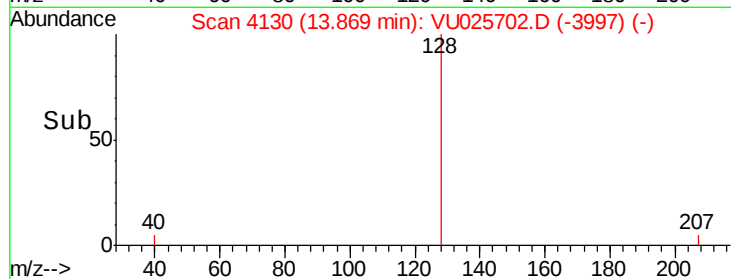
MSVOA_U

ClientSampleId :

KY030SP005-180718



Tot Ion:	128	Resp:	21
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.5	15.7#
129	0.0	8.3	12.5#



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

