

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072718\
 Data File : VU025701.D
 Acq On : 28 Jul 2018 04:35
 Operator : MD/SY
 Sample : J4069-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 KY0300F003-180718

Quant Time: Jul 28 05:33:19 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	175382	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	273787	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	269957	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	159772	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	136912	50.10	ug/l	0.00
Spiked Amount 50.000			Recovery =	100.20%		
35) Dibromofluoromethane	4.89	113	114890	48.25	ug/l	0.00
Spiked Amount 50.000			Recovery =	96.50%		
50) Toluene-d8	7.57	98	396742	47.61	ug/l	0.00
Spiked Amount 50.000			Recovery =	95.22%		
62) 4-Bromofluorobenzene	10.31	95	152404	47.12	ug/l	0.00
Spiked Amount 50.000			Recovery =	94.24%		

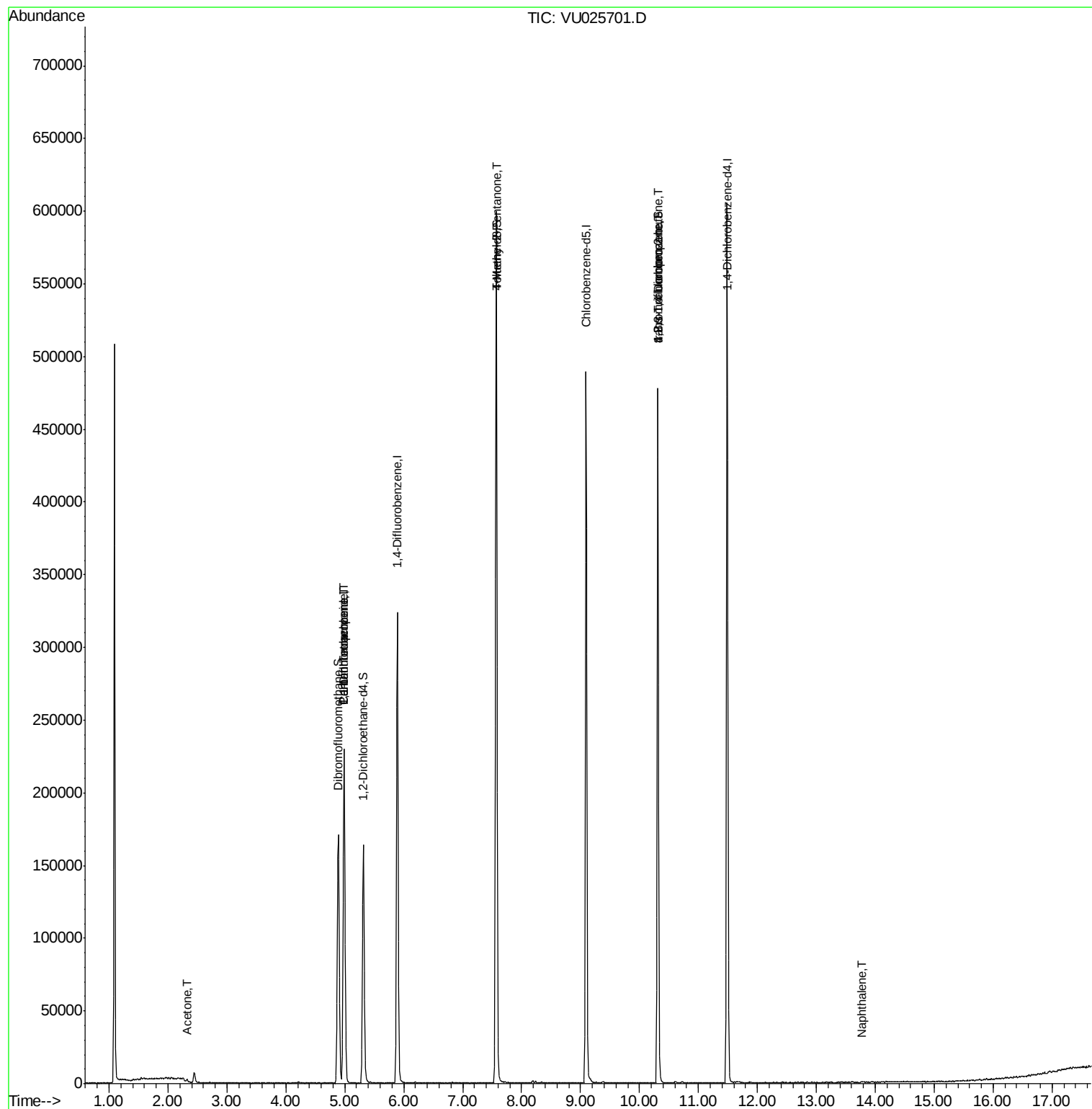
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	2.09	56	20	Below Cal	#	14
16) Acetone	2.32	43	1699	1.28	ug/l	100
31) Cyclohexane	4.99	56	3509	Below Cal	#	8
36) 1,1-Dichloropropene	4.99	75	12809	4.00	ug/l	51
38) Carbon Tetrachloride	4.99	117	16987	4.69	ug/l	17
51) 4-Methyl-2-Pentanone	7.57	43	1523	0.44	ug/l	1
76) 1,2,3-Trichloropropane	10.31	75	79188	22.49	ug/l	36
81) trans-1,4-Dichloro-2-buten	10.31	75	79188	56.41	ug/l	100
95) Naphthalene	13.77	128	102	1.26	ug/l	69

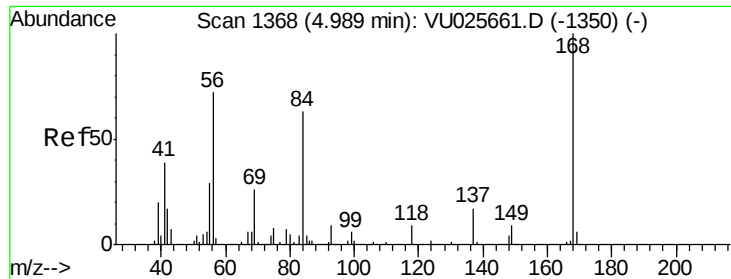
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU025701.D

Acq: 28 Jul 2018 04:35

Instrument :

MSVOA_U

ClientSampleId :

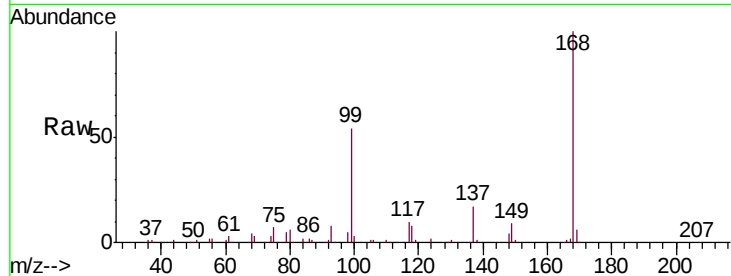
KY0300F003-180718

Tot Ion:168 Resp: 175382

Ion Ratio Lower Upper

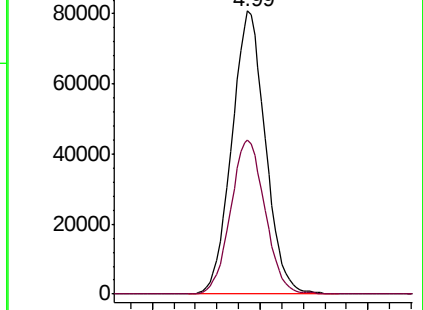
168 100

99 54.5 42.8 64.2

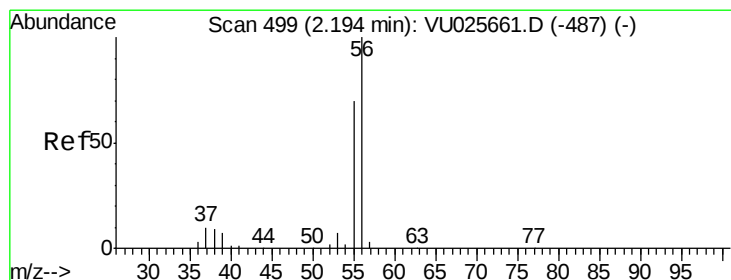
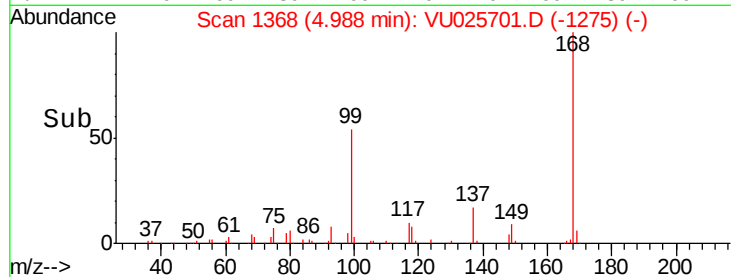


Abundance Ion 167.90 (167.60 to 168.60): VU025661.D (-1350) (-)

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



Time-->



#13

Acrolein

Concen: Below Cal

RT: 2.09 min Scan# 466

Delta R.T. -0.11 min

Lab File: VU025701.D

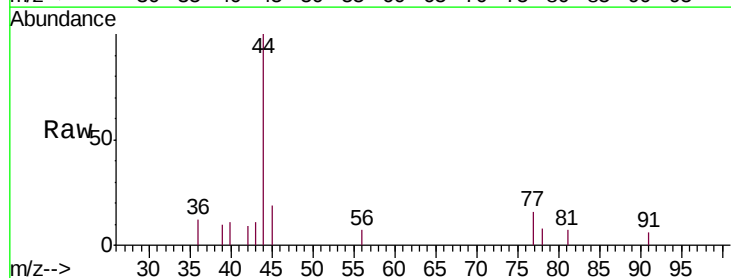
Acq: 28 Jul 2018 04:35

Tgt Ion: 56 Resp: 20

Ion Ratio Lower Upper

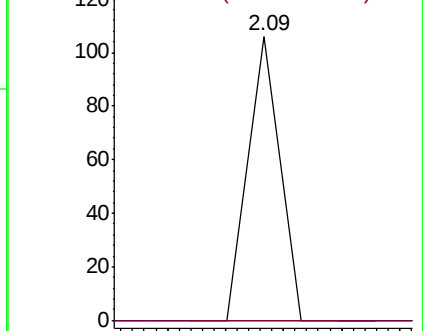
56 100

55 0.0 57.2 85.8#

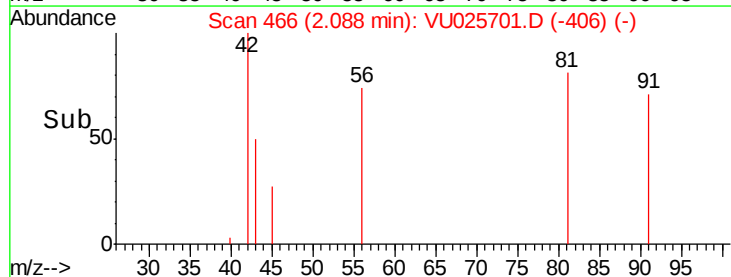


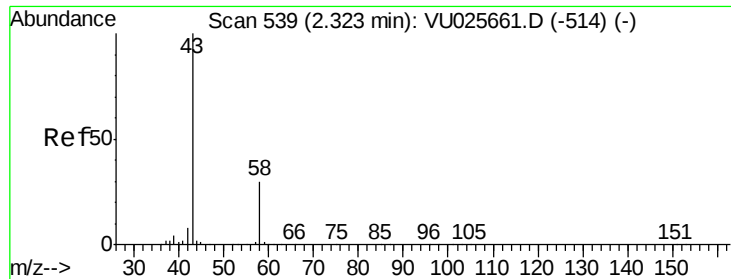
Abundance Ion 56.00 (55.70 to 56.70): VU025661.D (-487) (-)

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



Time-->





#16

Acetone

Concen: 1.28 ug/l

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025701.D

Acq: 28 Jul 2018 04:35

Instrument :

MSVOA_U

ClientSampleId :

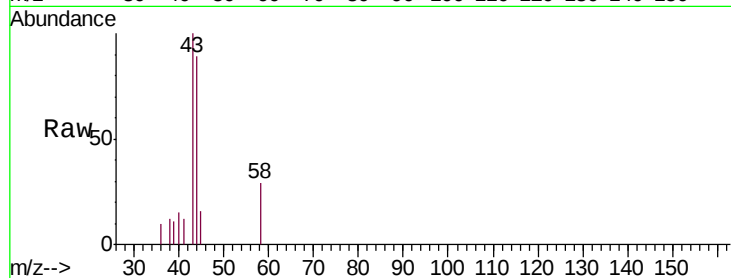
KY0300F003-180718

Tot Ion: 43 Resp: 1699

Ion Ratio Lower Upper

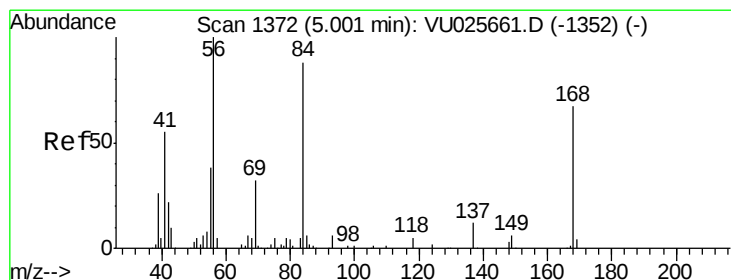
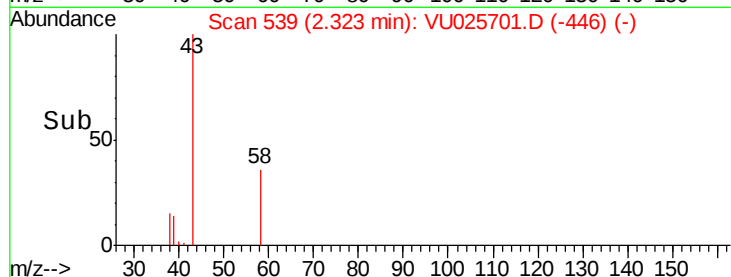
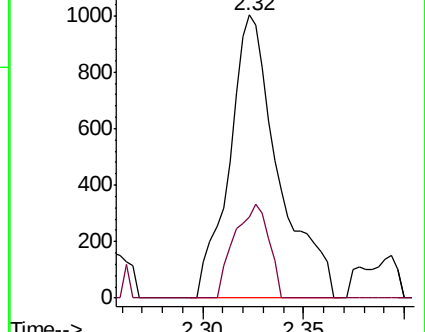
43 100

58 28.6 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# 1367

Delta R.T. -0.02 min

Lab File: VU025701.D

Acq: 28 Jul 2018 04:35

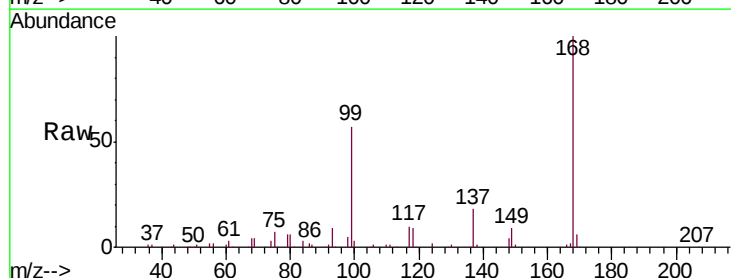
Tgt Ion: 56 Resp: 3509

Ion Ratio Lower Upper

56 100

69 163.0 26.8 40.2#

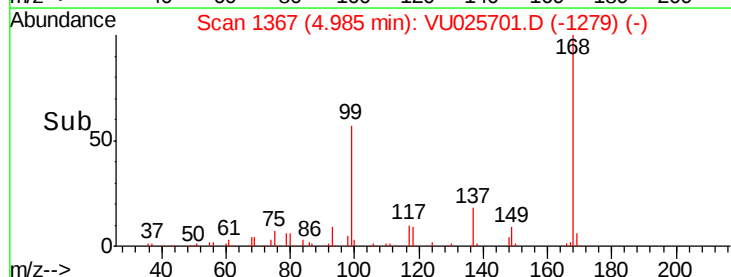
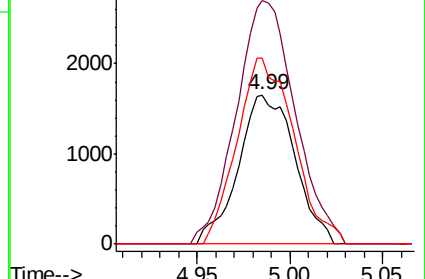
84 124.3 69.7 104.5#

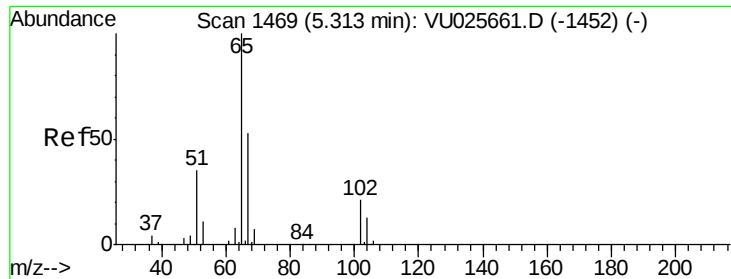


Abundance Ion 56.00 (55.70 to 56.70): VU025661.D (-1352) (-)

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

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

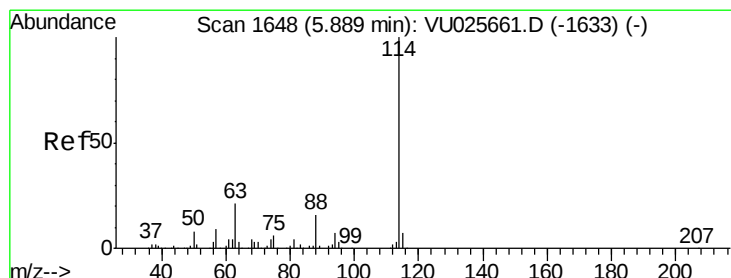
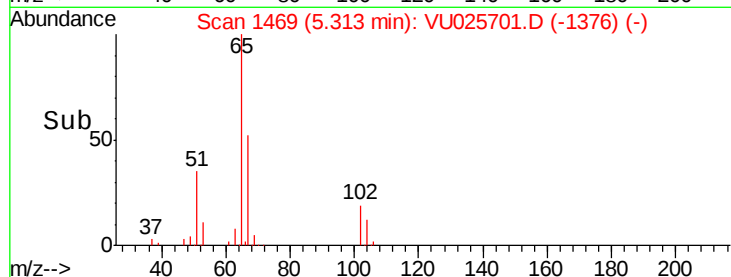
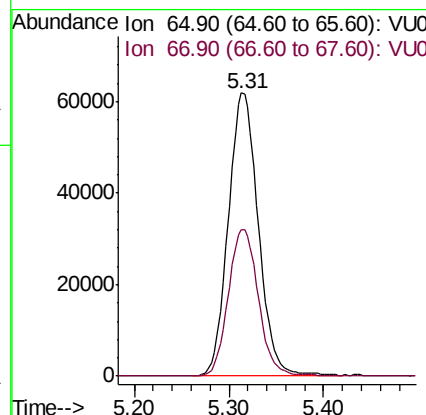
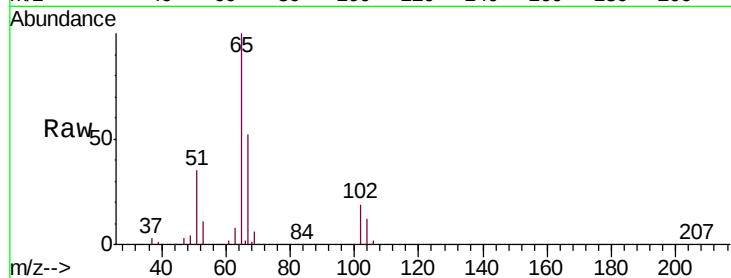




#33
 1,2-Dichloroethane-d4
 Concen: 50.10 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU025701.D
 Acq: 28 Jul 2018 04:35

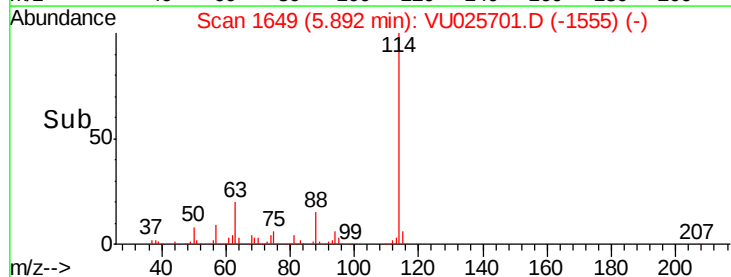
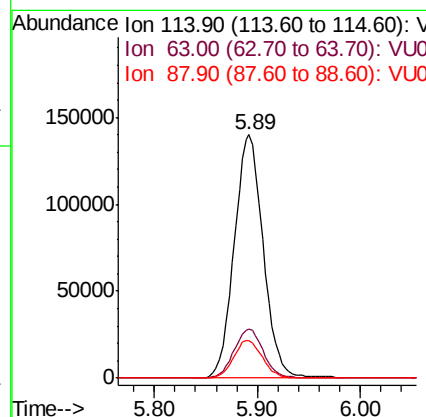
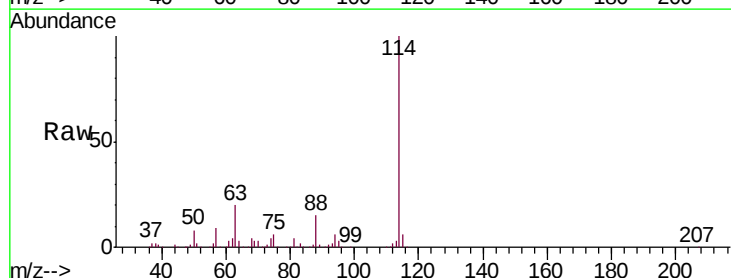
Instrument :
 MSVOA_U
 ClientSampleId :
 KY0300F003-180718

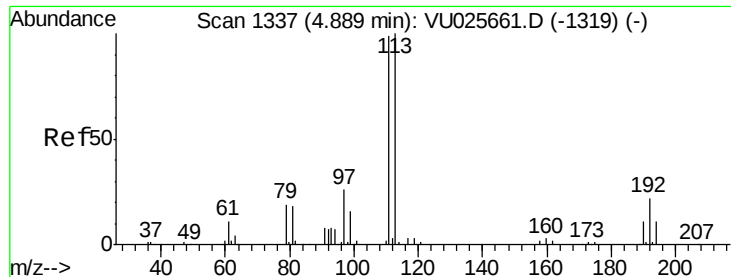
Tot Ion: 65 Resp: 136912
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: VU025701.D
 Acq: 28 Jul 2018 04:35

Tgt Ion: 114 Resp: 273787
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 41.6
 88 15.4 0.0 32.4

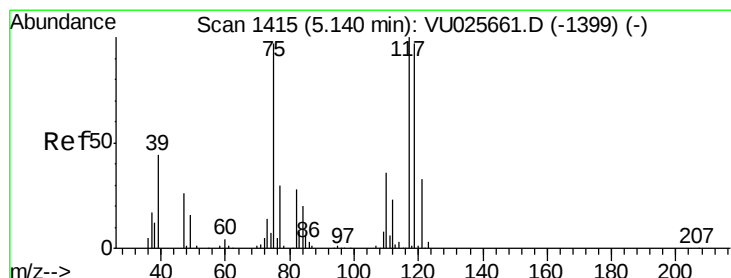
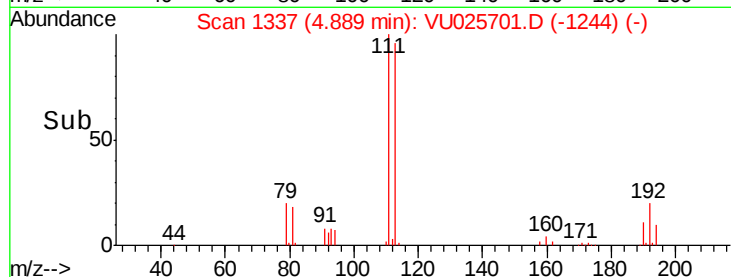
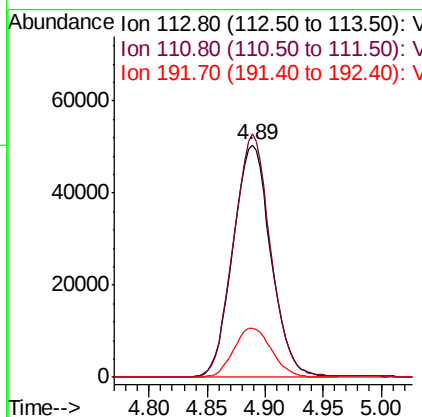
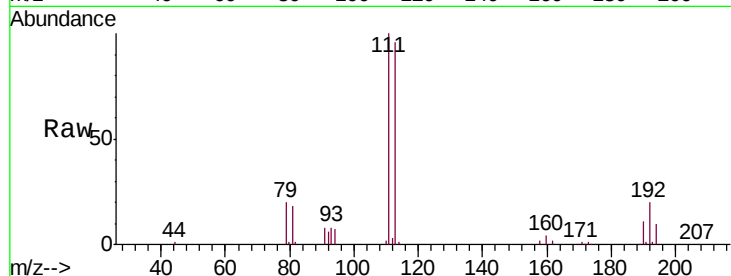




#35
 Dibromofluoromethane
 Concen: 48.25 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. -0.00 min
 Lab File: VU025701.D
 Acq: 28 Jul 2018 04:35

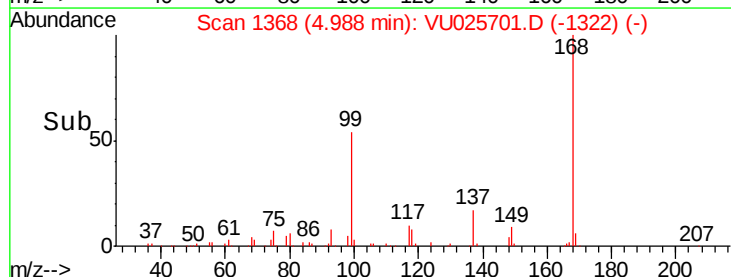
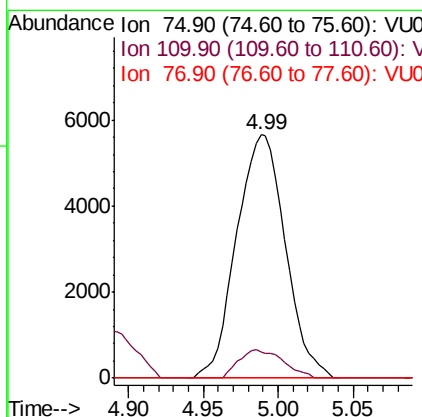
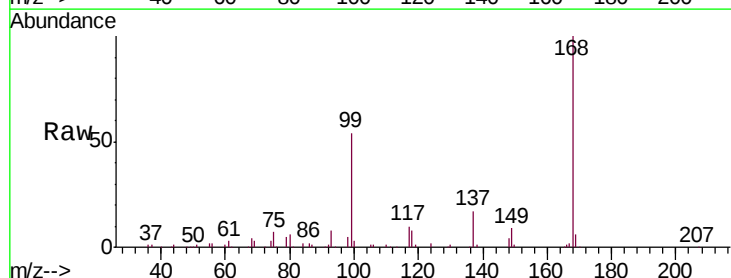
Instrument :
 MSVOA_U
 ClientSampleId :
 KY0300F003-180718

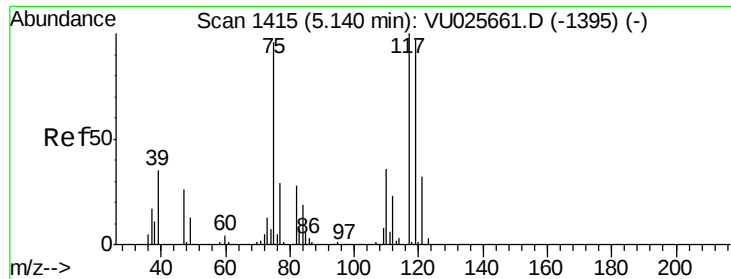
Tot Ion:113 Resp: 114890
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.7 122.5
 192 21.3 17.1 25.7



#36
 1,1-Dichloropropene
 Concen: 4.00 ug/l
 RT: 4.99 min Scan# 1368
 Delta R.T. -0.15 min
 Lab File: VU025701.D
 Acq: 28 Jul 2018 04:35

Tgt Ion: 75 Resp: 12809
 Ion Ratio Lower Upper
 75 100
 110 10.6 17.6 52.9#
 77 0.0 24.4 36.6#





#38

Carbon Tetrachloride

Concen: 4.69 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.15 min

Lab File: VU025701.D

Acq: 28 Jul 2018 04:35

Instrument :

MSVOA_U

ClientSampleId :

KY0300F003-180718

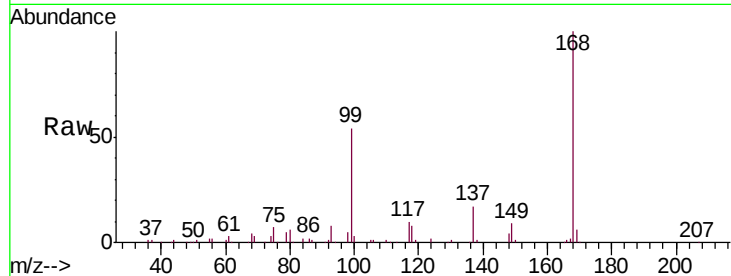
Tot Ion:117 Resp: 16987

Ion Ratio Lower Upper

117 100

119 5.3 75.7 113.5#

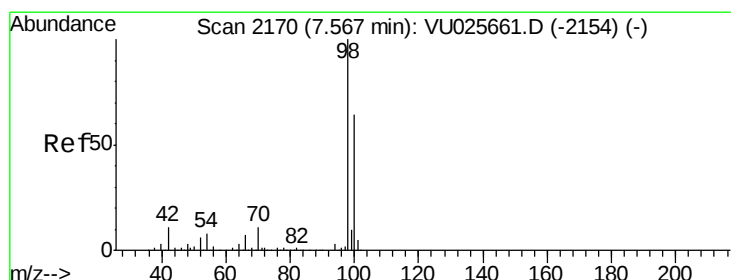
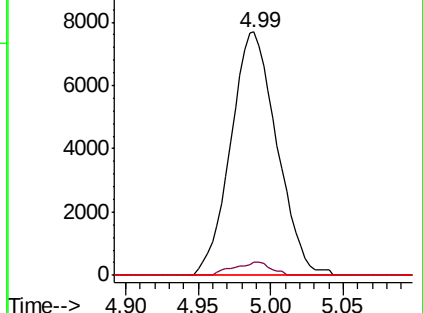
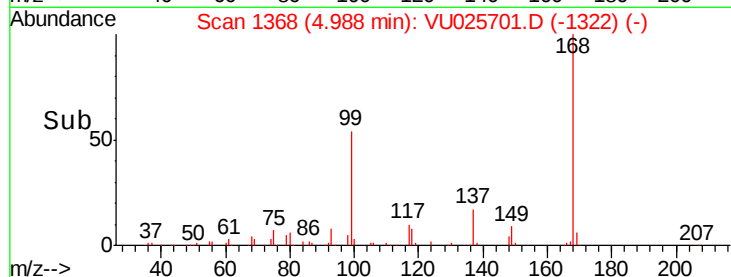
121 0.0 24.6 36.8#



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



#50

Toluene-d8

Concen: 47.61 ug/l

RT: 7.57 min Scan# 2171

Delta R.T. 0.00 min

Lab File: VU025701.D

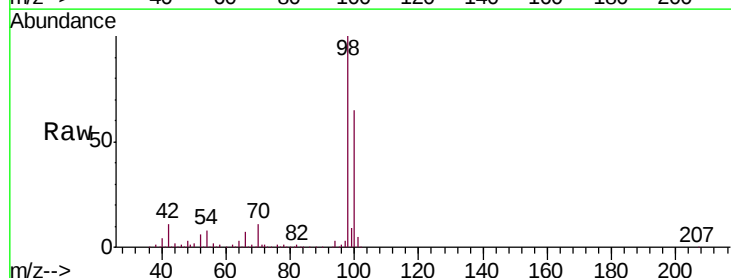
Acq: 28 Jul 2018 04:35

Tgt Ion: 98 Resp: 396742

Ion Ratio Lower Upper

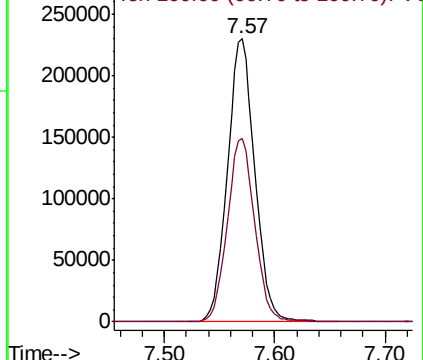
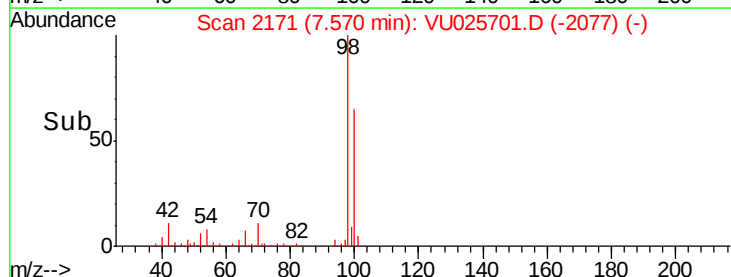
98 100

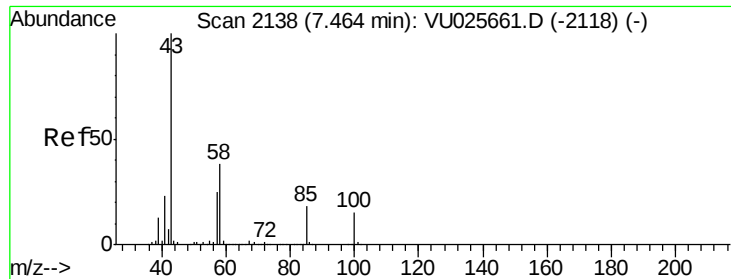
100 64.7 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU





#51

4-Methyl-2-Pentanone

Concen: 0.44 ug/l

RT: 7.57 min Scan# 2171

Delta R.T. 0.11 min

Lab File: VU025701.D

Acq: 28 Jul 2018 04:35

Instrument :

MSVOA_U

ClientSampleId :

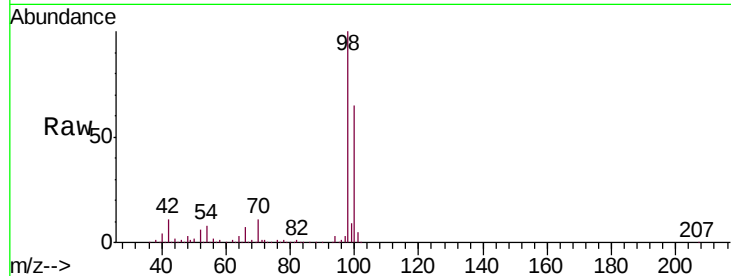
KY0300F003-180718

Tot Ion: 43 Resp: 1523

Ion Ratio Lower Upper

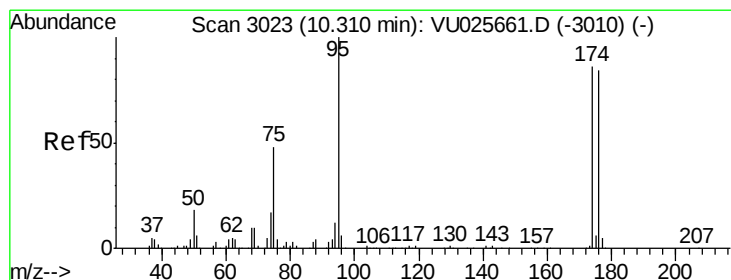
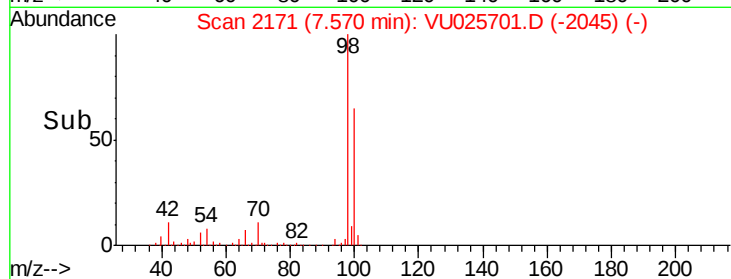
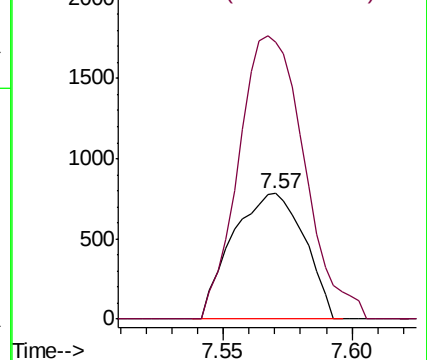
43 100

58 206.5 31.0 46.4#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#62

4-Bromofluorobenzene

Concen: 47.12 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025701.D

Acq: 28 Jul 2018 04:35

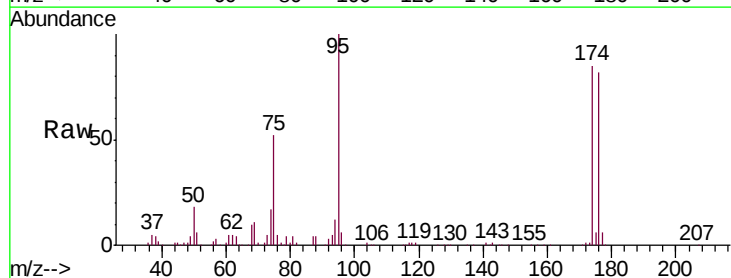
Tgt Ion: 95 Resp: 152404

Ion Ratio Lower Upper

95 100

174 89.0 0.0 172.2

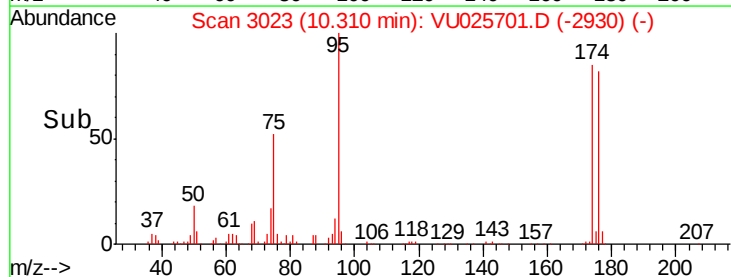
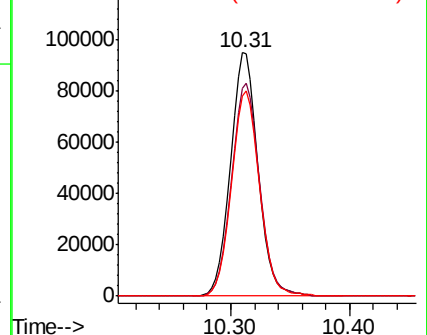
176 85.9 0.0 162.6

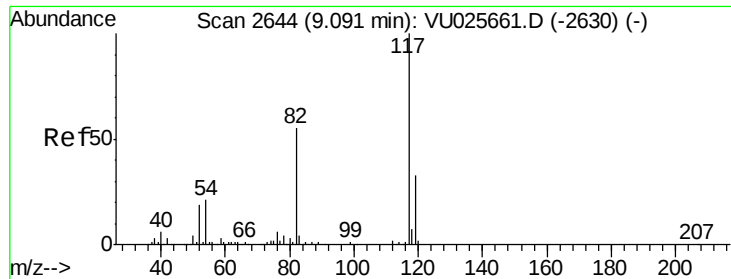


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

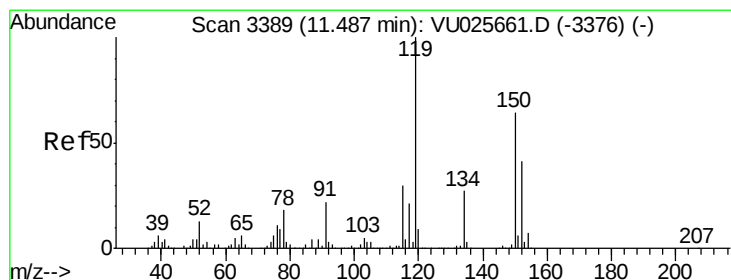
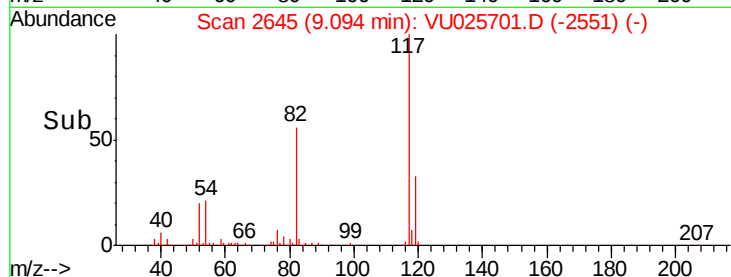
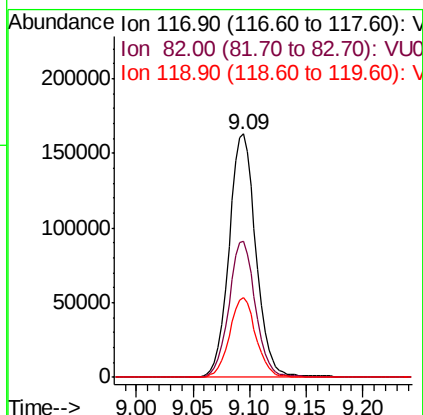
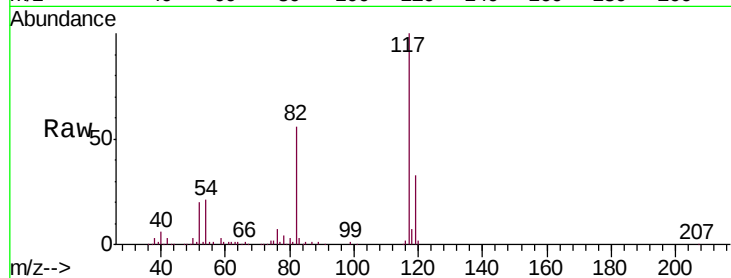




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU025701.D
Acq: 28 Jul 2018 04:35

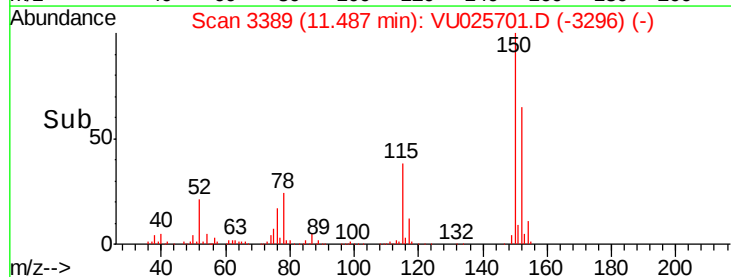
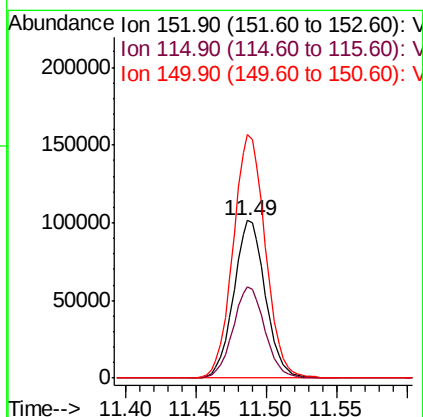
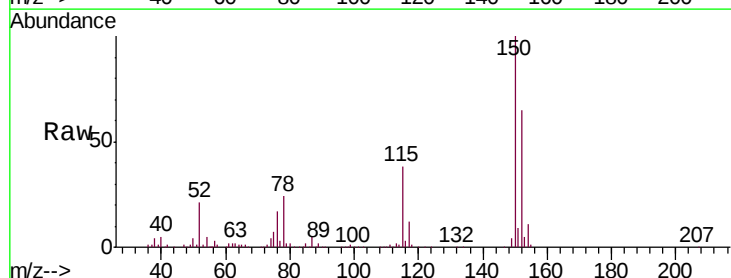
Instrument :
MSVOA_U
ClientSampleId :
KY0300F003-180718

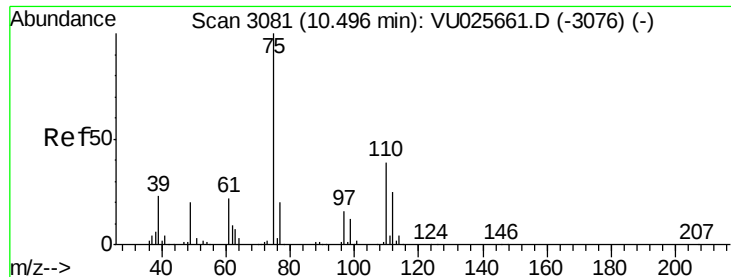
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.7	46.0	69.0
119	32.7	26.0	39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VU025701.D
Acq: 28 Jul 2018 04:35

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.1	40.1	120.3
150	157.2	0.0	351.4

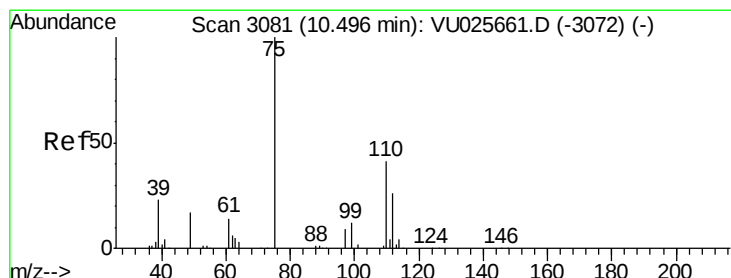
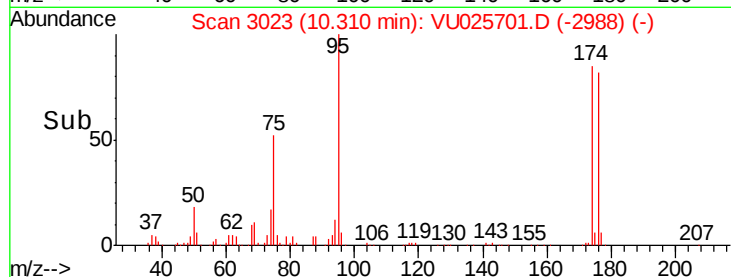
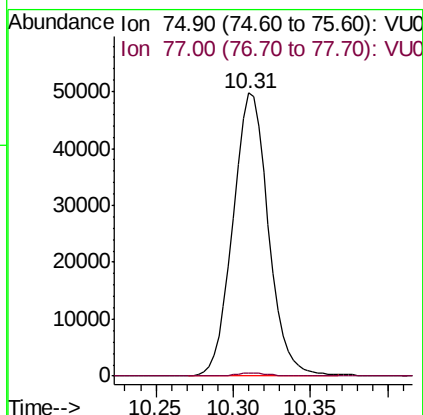
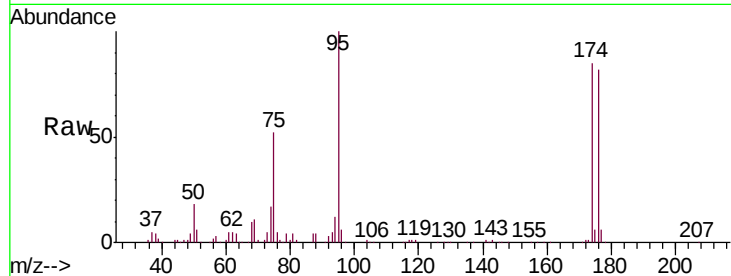




#76
 1,2,3-Trichloropropane
 Concen: 22.49 ug/l
 RT: 10.31 min Scan# 3023
 Delta R.T. -0.19 min
 Lab File: VU025701.D
 Acq: 28 Jul 2018 04:35

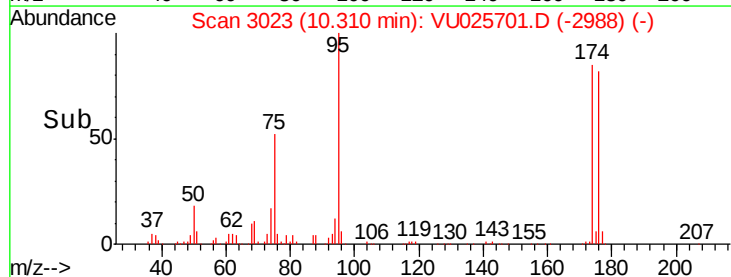
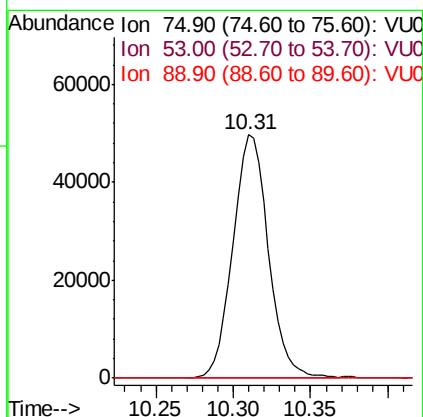
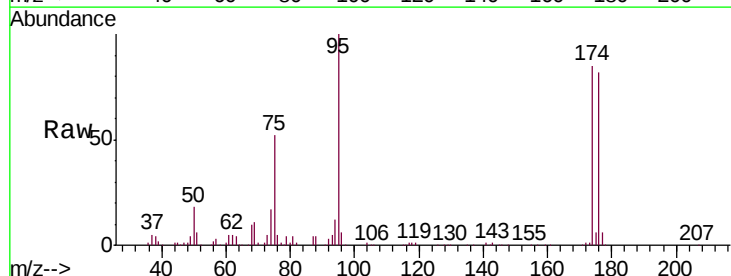
Instrument :
 MSVOA_U
 ClientSampleId :
 KY0300F003-180718

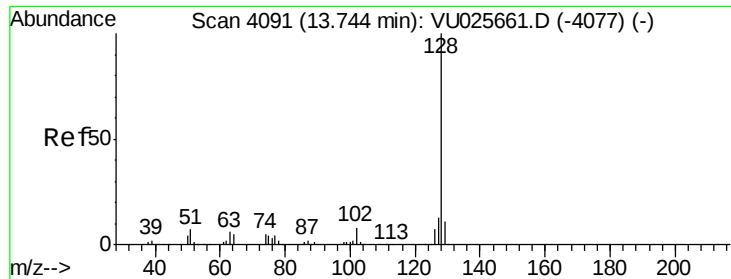
Tot Ion: 75 Resp: 79188
 Ion Ratio Lower Upper
 75 100
 77 1.0 20.4 61.3#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 56.41 ug/l
 RT: 10.31 min Scan# 3023
 Delta R.T. -0.19 min
 Lab File: VU025701.D
 Acq: 28 Jul 2018 04:35

Tgt Ion: 75 Resp: 79188
 Ion Ratio Lower Upper
 75 100
 53 0.0 0.0 0.0
 89 0.0 0.0 0.0





#95

Napthalene

Concen: 1.26 ug/l

RT: 13.77 min Scan# 4098

Delta R.T. 0.02 min

Lab File: VU025701.D

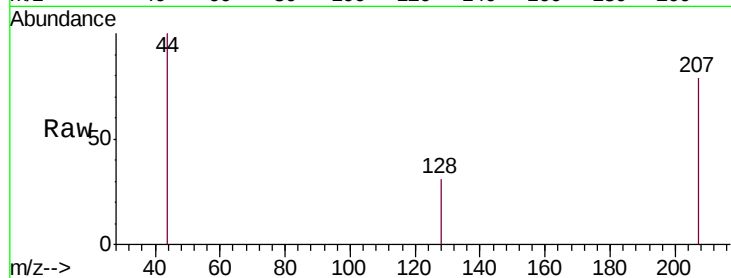
Acq: 28 Jul 2018 04:35

Instrument :

MSVOA_U

ClientSampleId :

KY0300F003-180718



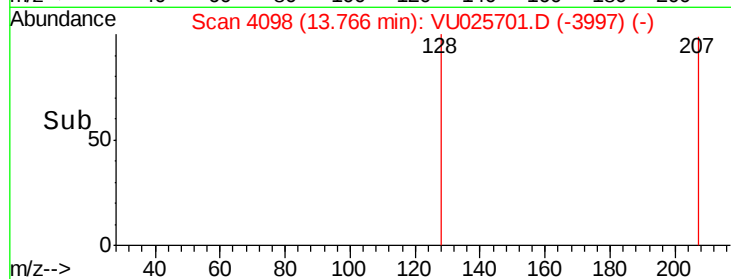
Tot Ion:128 Resp: 102

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

