

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU073018\
 Data File : VU025728.D
 Acq On : 30 Jul 2018 17:25
 Operator : MD/SY
 Sample : J4218-08
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TP-15-D

Quant Time: Jul 31 04:28:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 28 02:19:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	175334	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	286155	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	281147	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	170797	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	138828	50.82	ug/l	0.00
Spiked Amount			Recovery	=	101.64%	
35) Dibromofluoromethane	4.89	113	116074	46.64	ug/l	0.00
Spiked Amount			Recovery	=	93.28%	
50) Toluene-d8	7.57	98	411074	47.20	ug/l	0.00
Spiked Amount			Recovery	=	94.40%	
62) 4-Bromofluorobenzene	10.31	95	159133	47.07	ug/l	0.00
Spiked Amount			Recovery	=	94.14%	

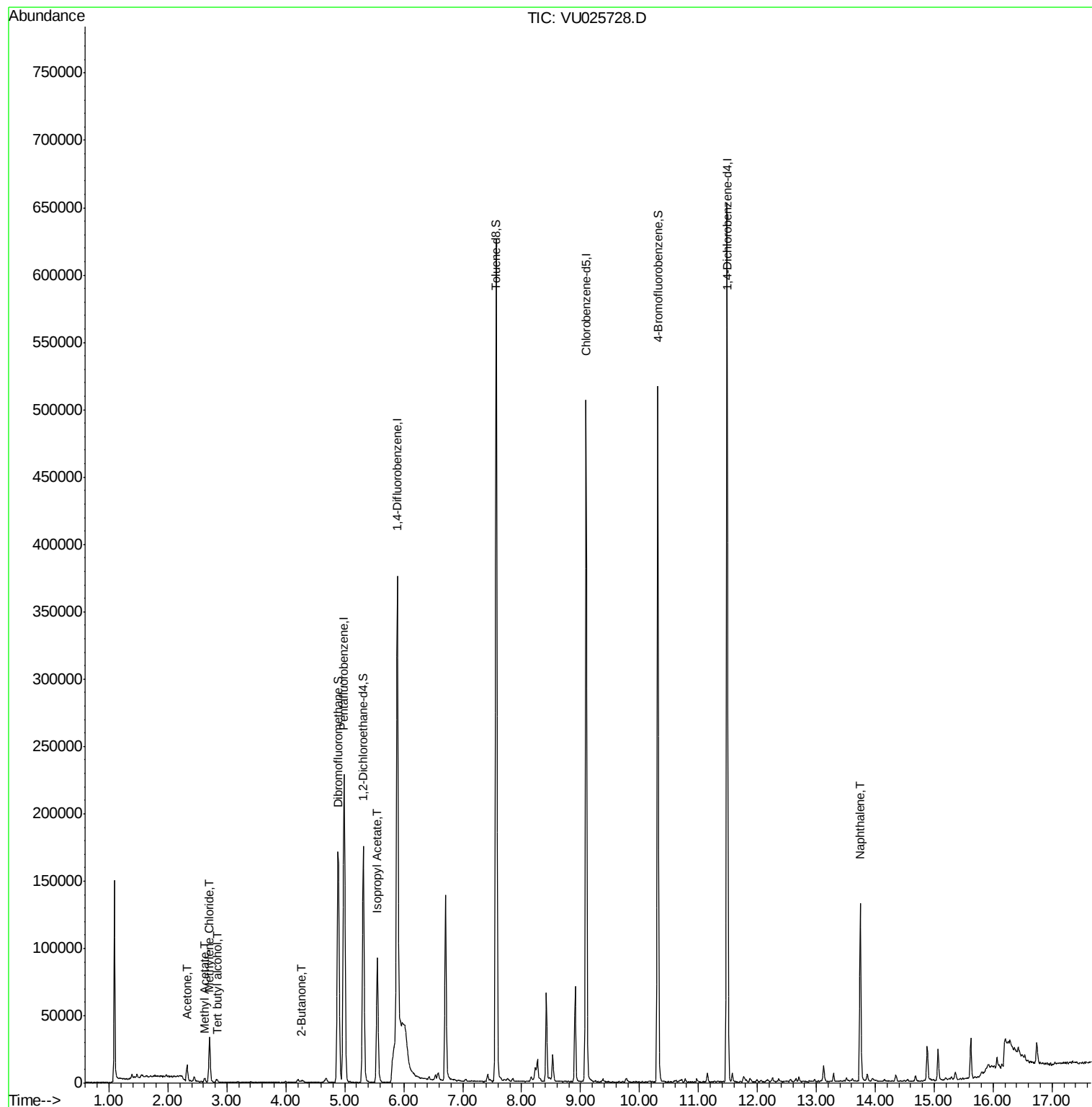
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	2.83	59	2454	4.10	ug/l #	92
16) Acetone	2.32	43	12883	9.67	ug/l	99
18) Methyl Acetate	2.62	43	3985	1.24	ug/l	93
20) Methylene Chloride	2.70	84	14614	6.19	ug/l	97
25) 2-Butanone	4.27	43	2724	1.50	ug/l #	81
43) Isopropyl Acetate	5.55	43	104054	18.16	ug/l	99
95) Naphthalene	13.74	128	107244	9.50	ug/l	99

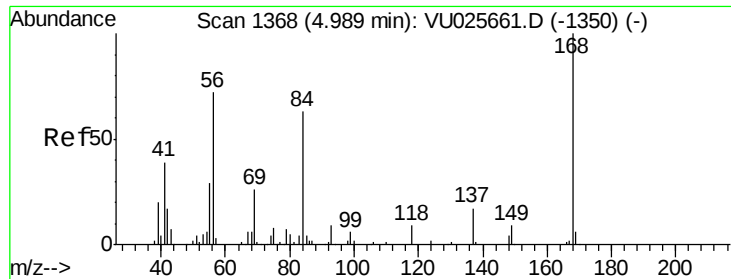
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU025728.D

Acq: 30 Jul 2018 17:25

Instrument :

MSVOA_U

ClientSampleId :

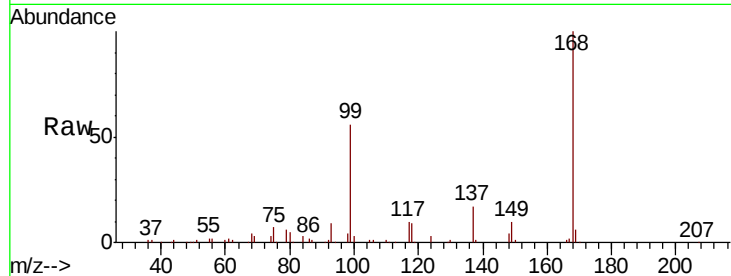
TP-15-D

Tot Ion:168 Resp: 175334

Ion Ratio Lower Upper

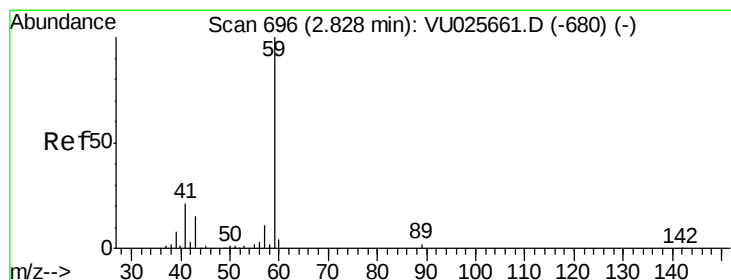
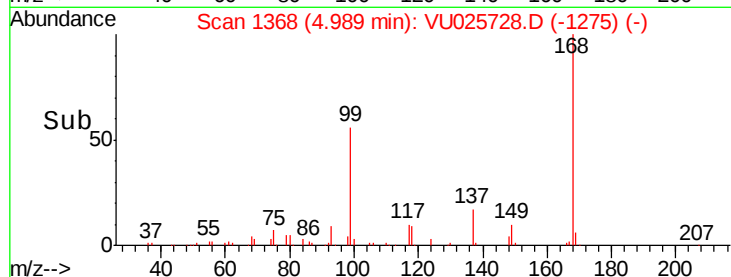
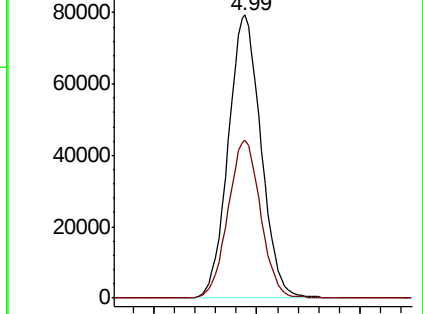
168 100

99 55.8 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) (-)



#11

Tert butyl alcohol

Concen: 4.10 ug/l

RT: 2.83 min Scan# 697

Delta R.T. 0.00 min

Lab File: VU025728.D

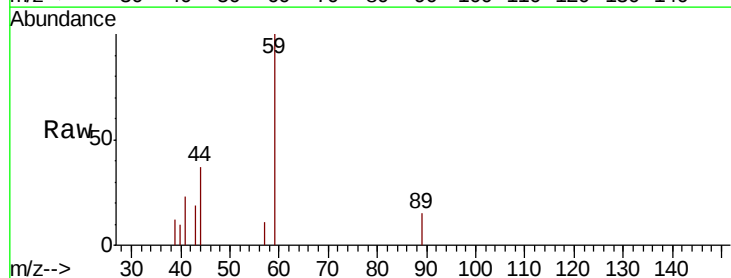
Acq: 30 Jul 2018 17:25

Tgt Ion: 59 Resp: 2454

Ion Ratio Lower Upper

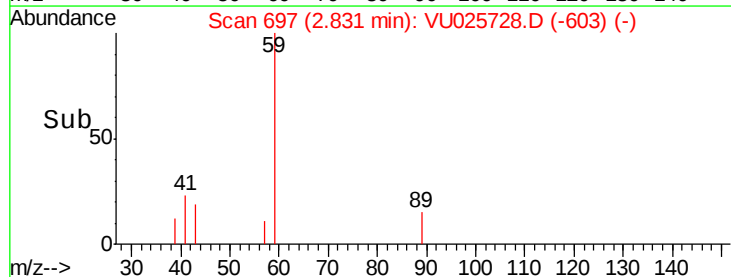
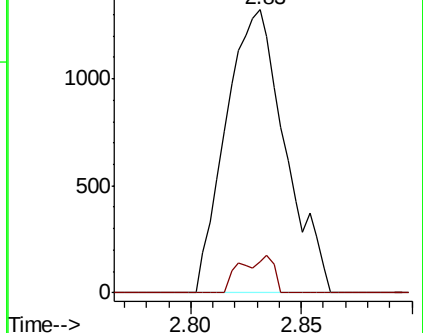
59 100

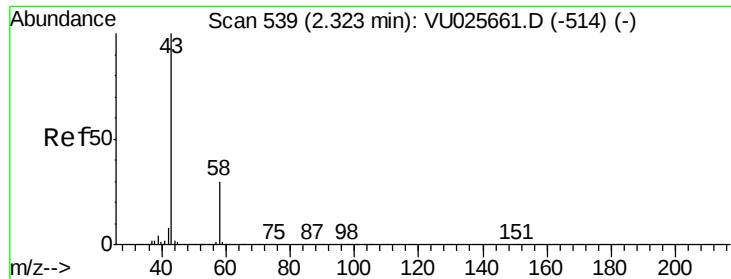
57 7.3 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VU025661.D (-680) (-)

Ion 57.00 (56.70 to 57.70): VU025661.D (-680) (-)





#16

Acetone

Concen: 9.67 ug/l

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025728.D

Acq: 30 Jul 2018 17:25

Instrument :

MSVOA_U

ClientSampleId :

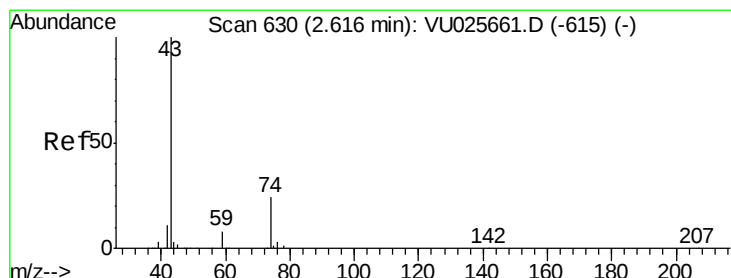
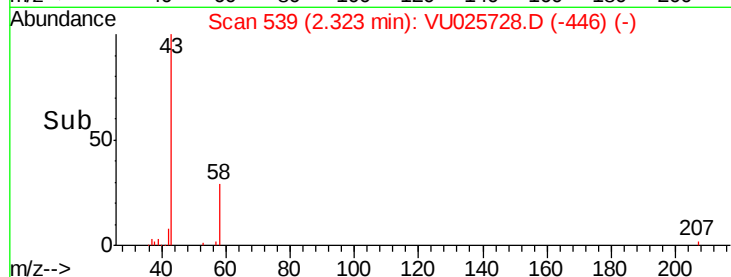
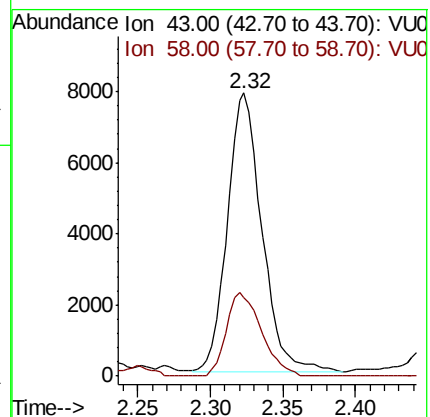
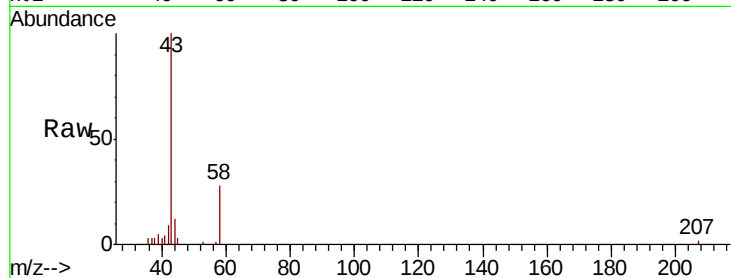
TP-15-D

Tot Ion: 43 Resp: 12883

Ion Ratio Lower Upper

43 100

58 28.4 23.1 34.7



#18

Methyl Acetate

Concen: 1.24 ug/l

RT: 2.62 min Scan# 631

Delta R.T. 0.00 min

Lab File: VU025728.D

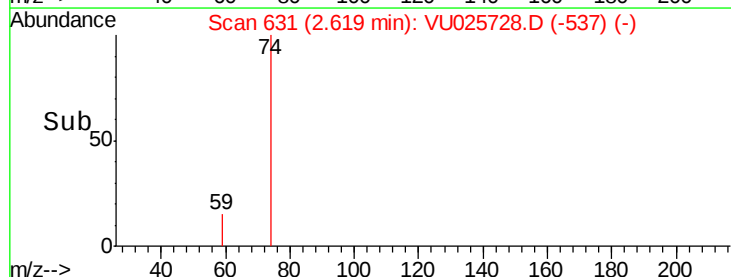
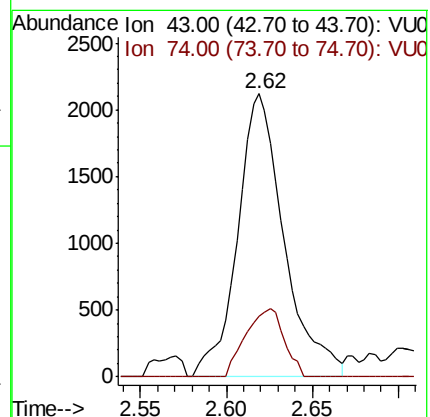
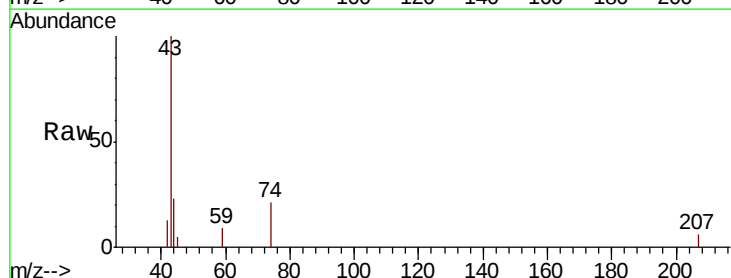
Acq: 30 Jul 2018 17:25

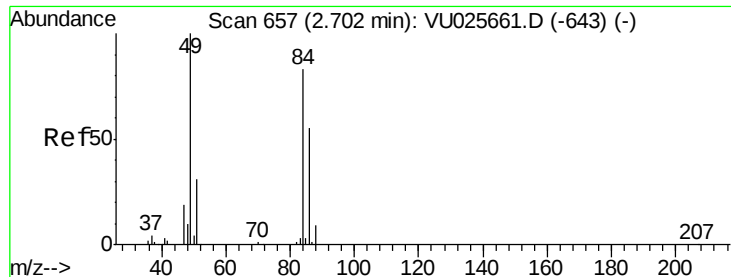
Tgt Ion: 43 Resp: 3985

Ion Ratio Lower Upper

43 100

74 19.7 18.5 27.7

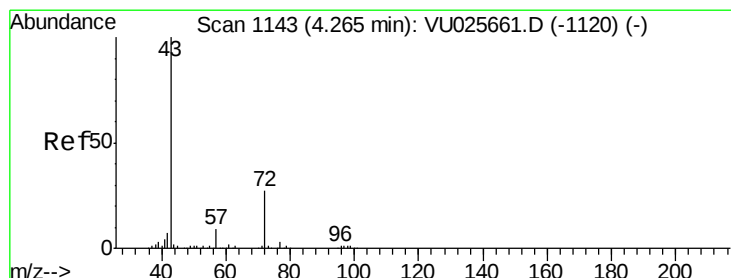
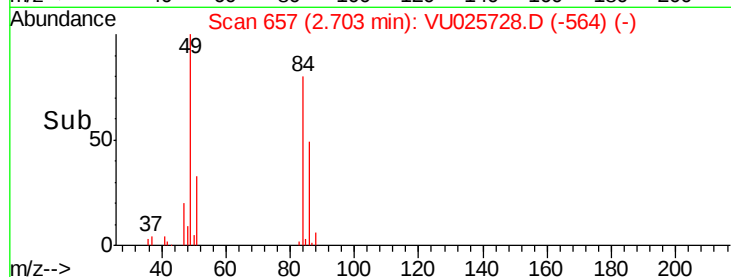
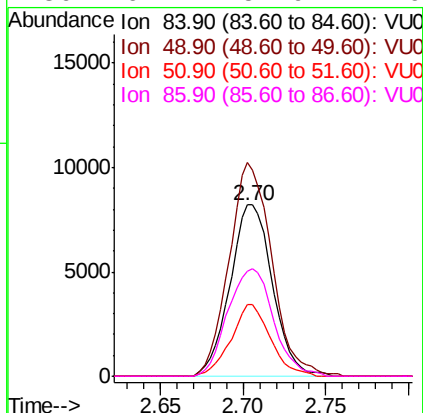
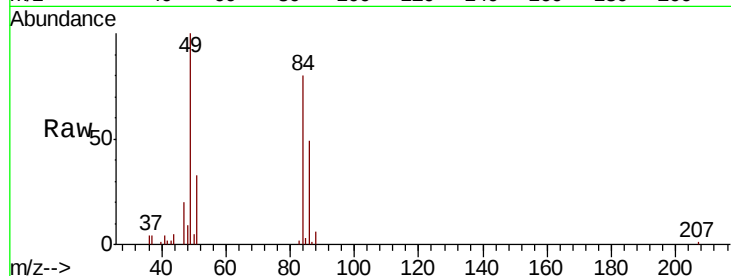




#20
Methvlene Chloride
Concen: 6.19 ug/l
RT: 2.70 min Scan# 657
Delta R.T. 0.00 min
Lab File: VU025728.D
Acq: 30 Jul 2018 17:25

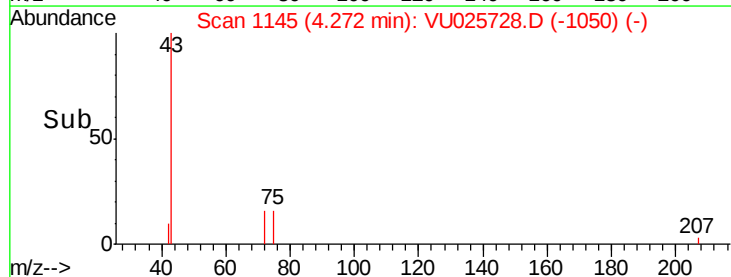
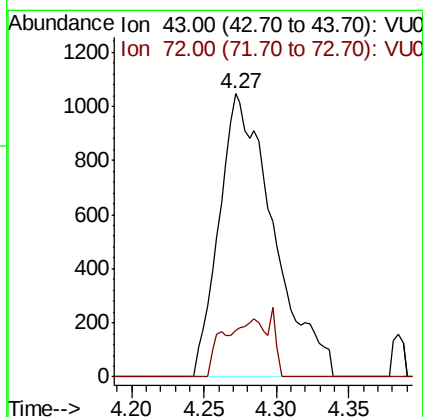
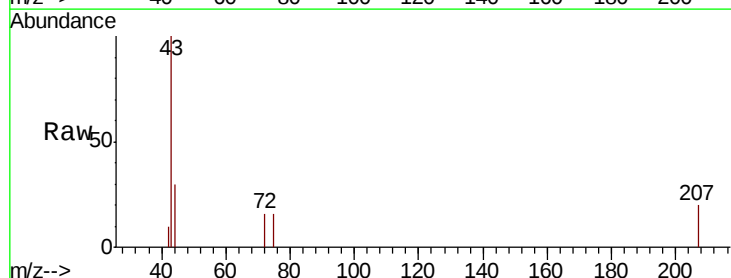
Instrument :
MSVOA_U
ClientSampleId :
TP-15-D

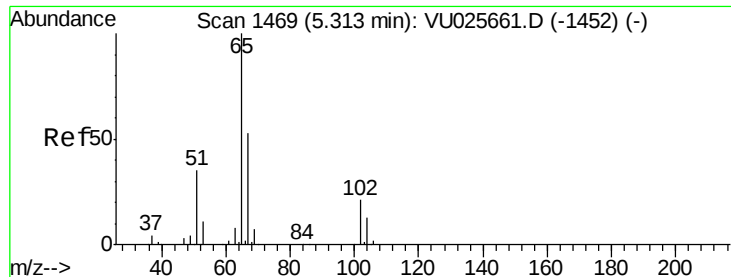
Tot Ion: 84 Resp: 14614
Ion Ratio Lower Upper
84 100
49 124.7 101.8 152.6
51 41.6 30.8 46.2
86 61.1 51.9 77.9



#25
2-Butanone
Concen: 1.50 ug/l
RT: 4.27 min Scan# 1145
Delta R.T. 0.01 min
Lab File: VU025728.D
Acq: 30 Jul 2018 17:25

Tgt Ion: 43 Resp: 2724
Ion Ratio Lower Upper
43 100
72 16.3 21.0 31.4#

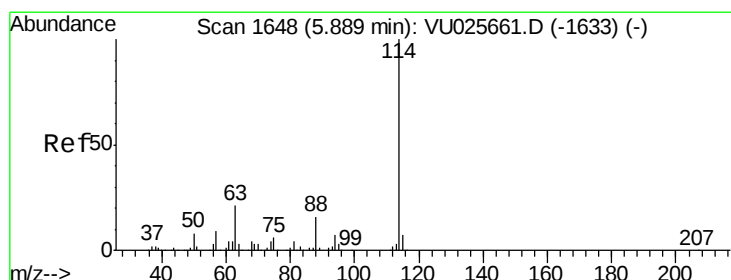
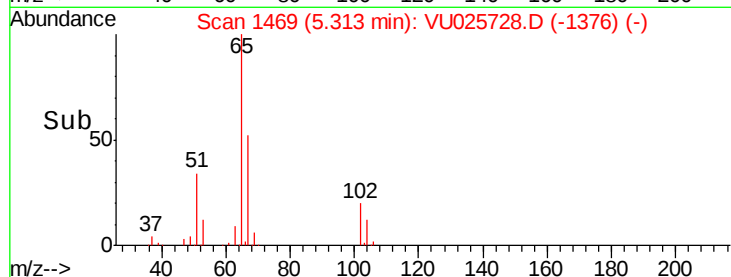
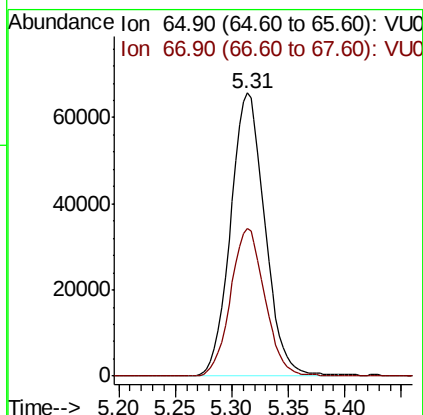
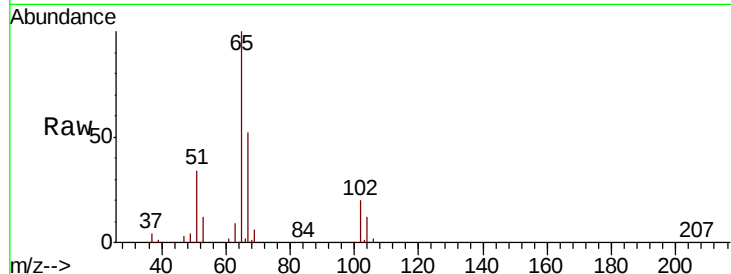




#33
 1,2-Dichloroethane-d4
 Concen: 50.82 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU025728.D
 Acq: 30 Jul 2018 17:25

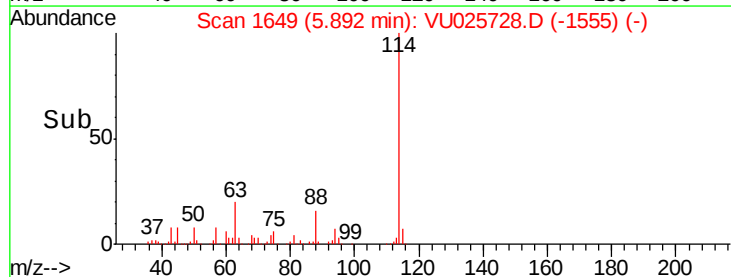
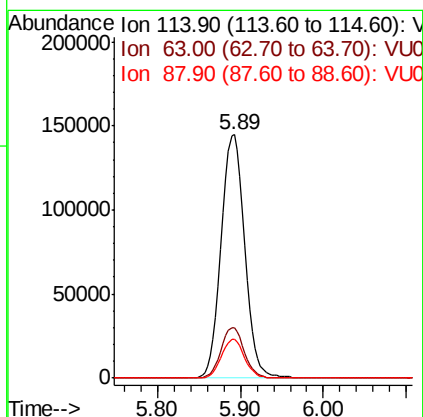
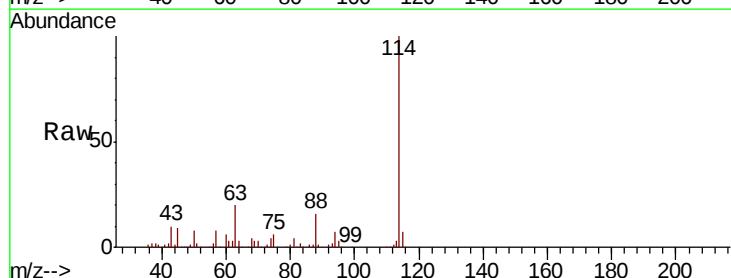
Instrument :
 MSVOA_U
 ClientSampleId :
 TP-15-D

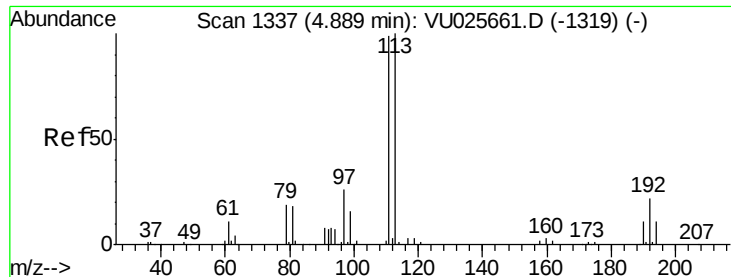
Tot Ion: 65 Resp: 138828
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: VU025728.D
 Acq: 30 Jul 2018 17:25

Tgt Ion: 114 Resp: 286155
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 41.6
 88 15.9 0.0 32.4

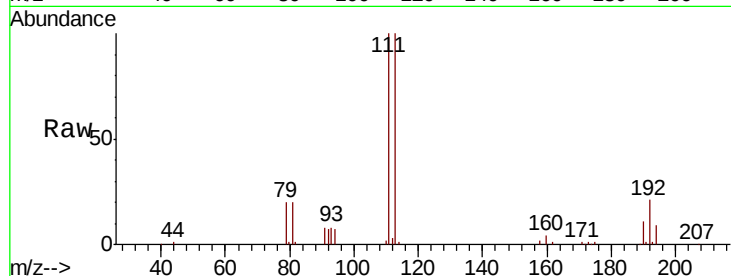




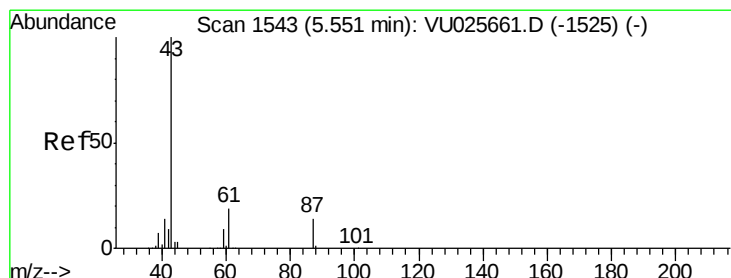
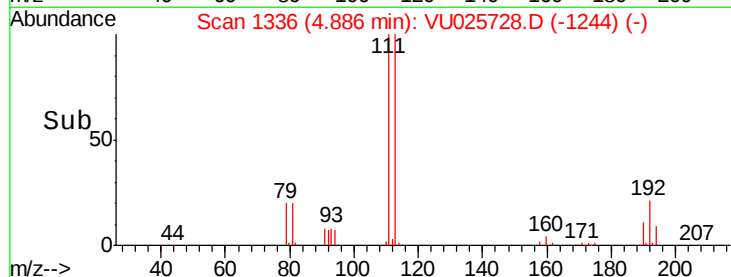
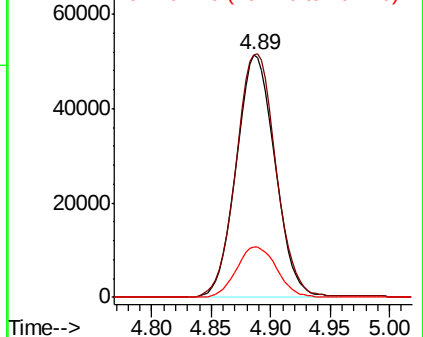
#35
 Dibromofluoromethane
 Concen: 46.64 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. -0.00 min
 Lab File: VU025728.D
 Acq: 30 Jul 2018 17:25

Instrument :
 MSVOA_U
 ClientSampleId :
 TP-15-D

Tot Ion:113 Resp: 116074
 Ion Ratio Lower Upper
 113 100
 111 103.2 81.7 122.5
 192 21.6 17.1 25.7

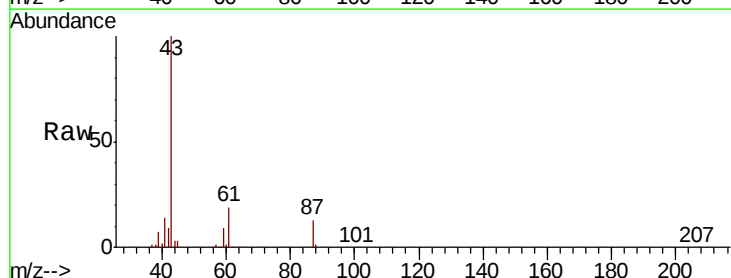


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

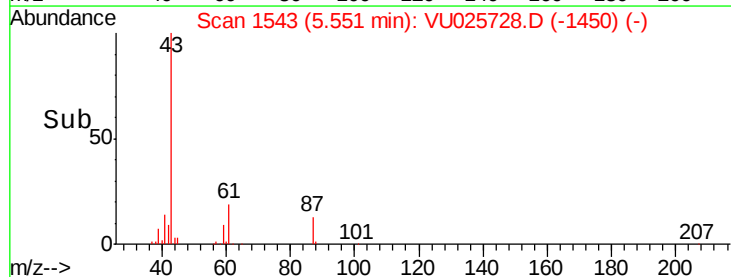
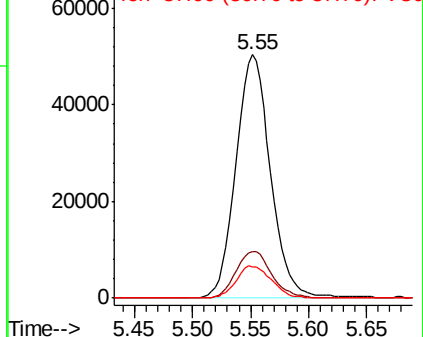


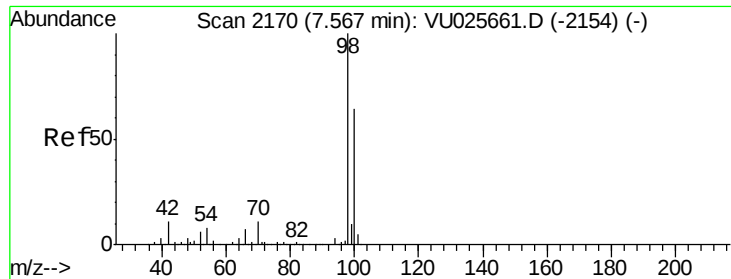
#43
 Isopropyl Acetate
 Concen: 18.16 ug/l
 RT: 5.55 min Scan# 1543
 Delta R.T. 0.00 min
 Lab File: VU025728.D
 Acq: 30 Jul 2018 17:25

Tgt Ion: 43 Resp: 104054
 Ion Ratio Lower Upper
 43 100
 61 19.9 15.5 23.3
 87 13.5 10.6 16.0



Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 87.00 (86.70 to 87.70): VU0

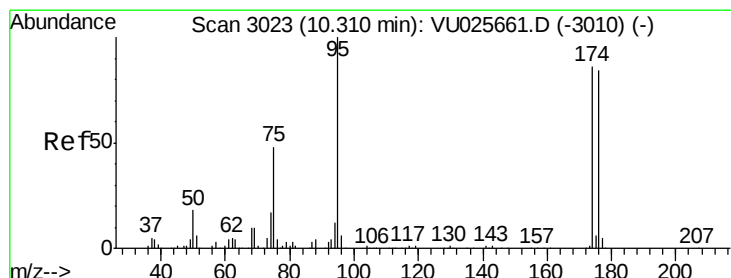
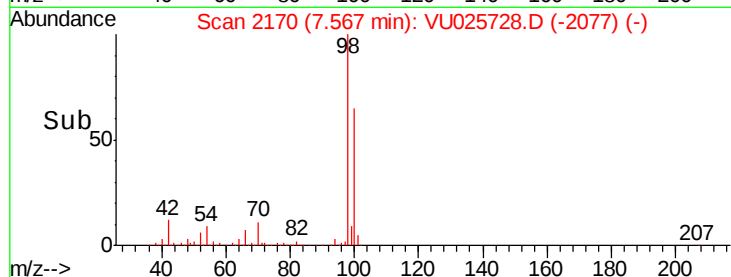
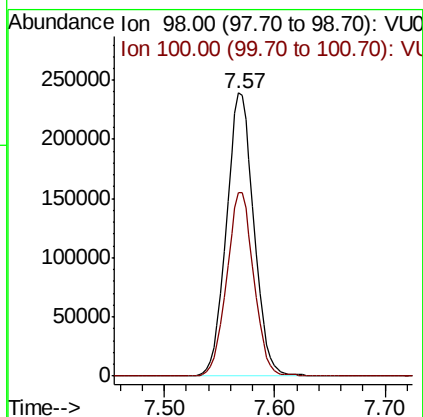
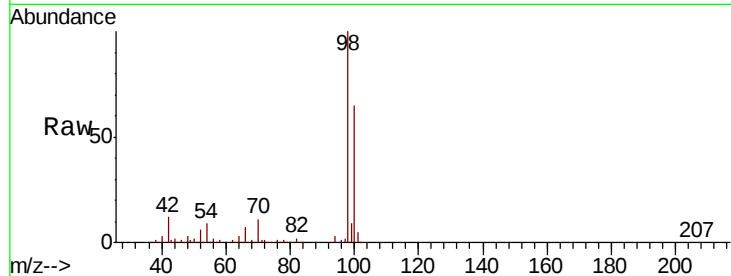




#50
Toluene-d8
Concen: 47.20 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. 0.00 min
Lab File: VU025728.D
Acq: 30 Jul 2018 17:25

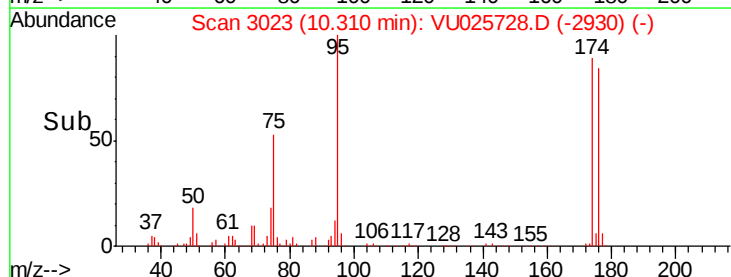
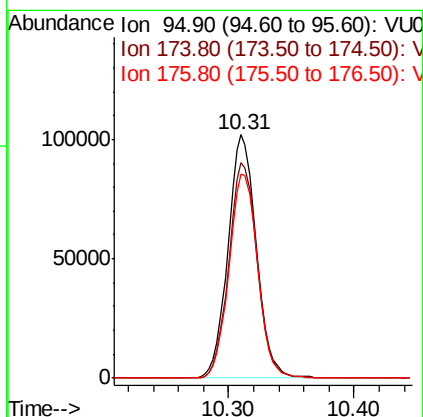
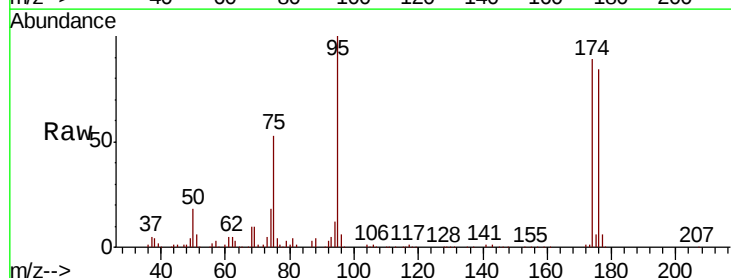
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TP-15-D

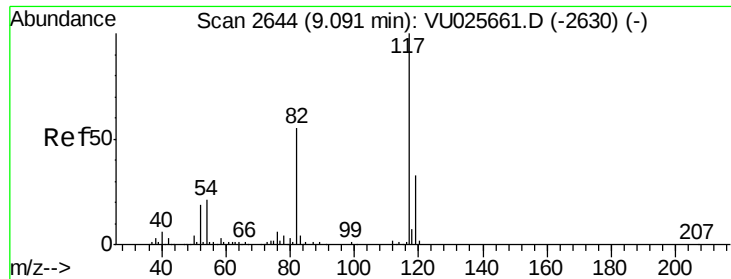
Tot Ion: 98 Resp: 411074
Ion Ratio Lower Upper
98 100
100 64.4 51.1 76.7



#62
4-Bromofluorobenzene
Concen: 47.07 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU025728.D
Acq: 30 Jul 2018 17:25

Tgt Ion: 95 Resp: 159133
Ion Ratio Lower Upper
95 100
174 89.1 0.0 172.2
176 85.2 0.0 162.6

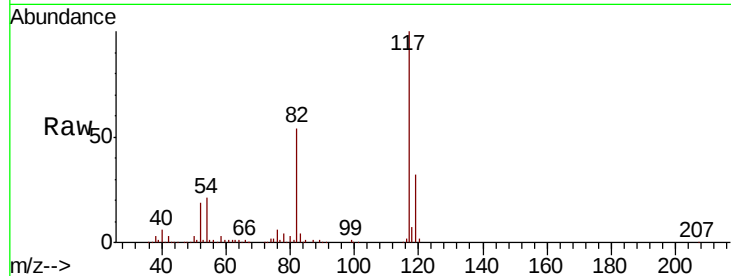




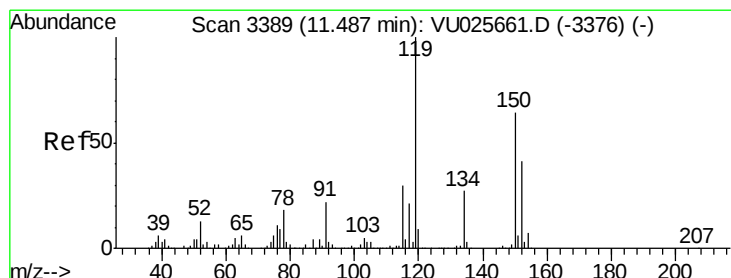
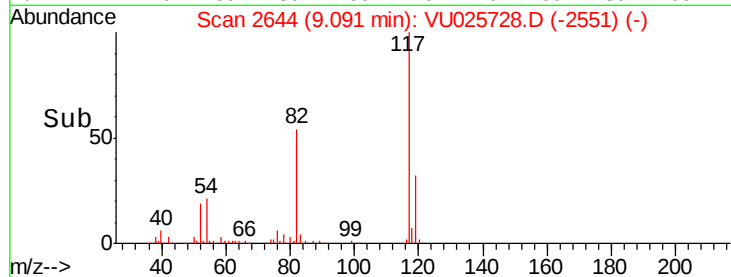
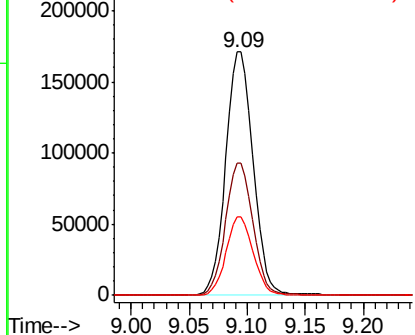
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VU025728.D
Acq: 30 Jul 2018 17:25

Instrument :
MSVOA_U
ClientSampleId :
TP-15-D

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.3	46.0	69.0
119	32.1	26.0	39.0

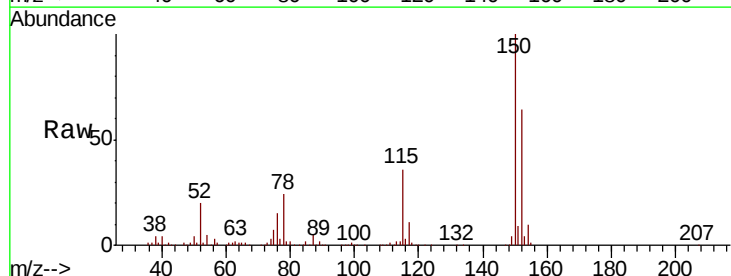


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

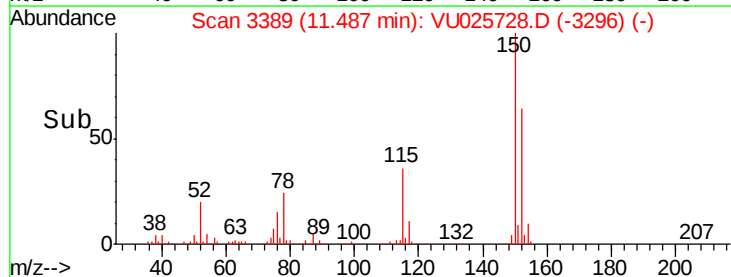
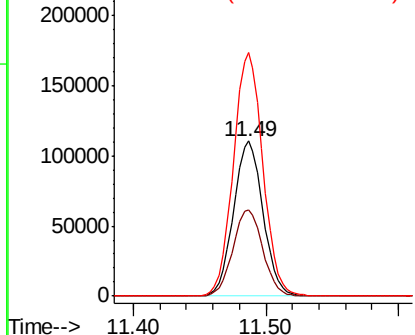


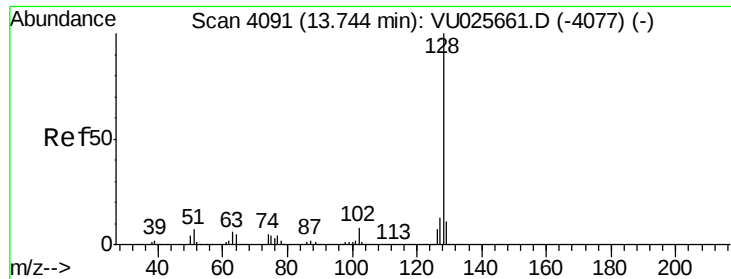
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VU025728.D
Acq: 30 Jul 2018 17:25

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.6	40.1	120.3
150	156.7	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





#95
Naphthalene
Concen: 9.50 ug/l
RT: 13.74 min Scan# 4091
Delta R.T. 0.00 min
Lab File: VU025728.D
Acq: 30 Jul 2018 17:25

Instrument :
MSVOA_U
ClientSampleId :
TP-15-D

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.5	15.7
129	10.8	8.3	12.5

