

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011619\
 Data File : VU029199.D
 Acq On : 16 Jan 2019 11:04
 Operator : JC/SP
 Sample : K1147-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TP-1

Quant Time: Jan 17 01:12:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 12 01:33:59 2019
 Response via : Initial Calibration

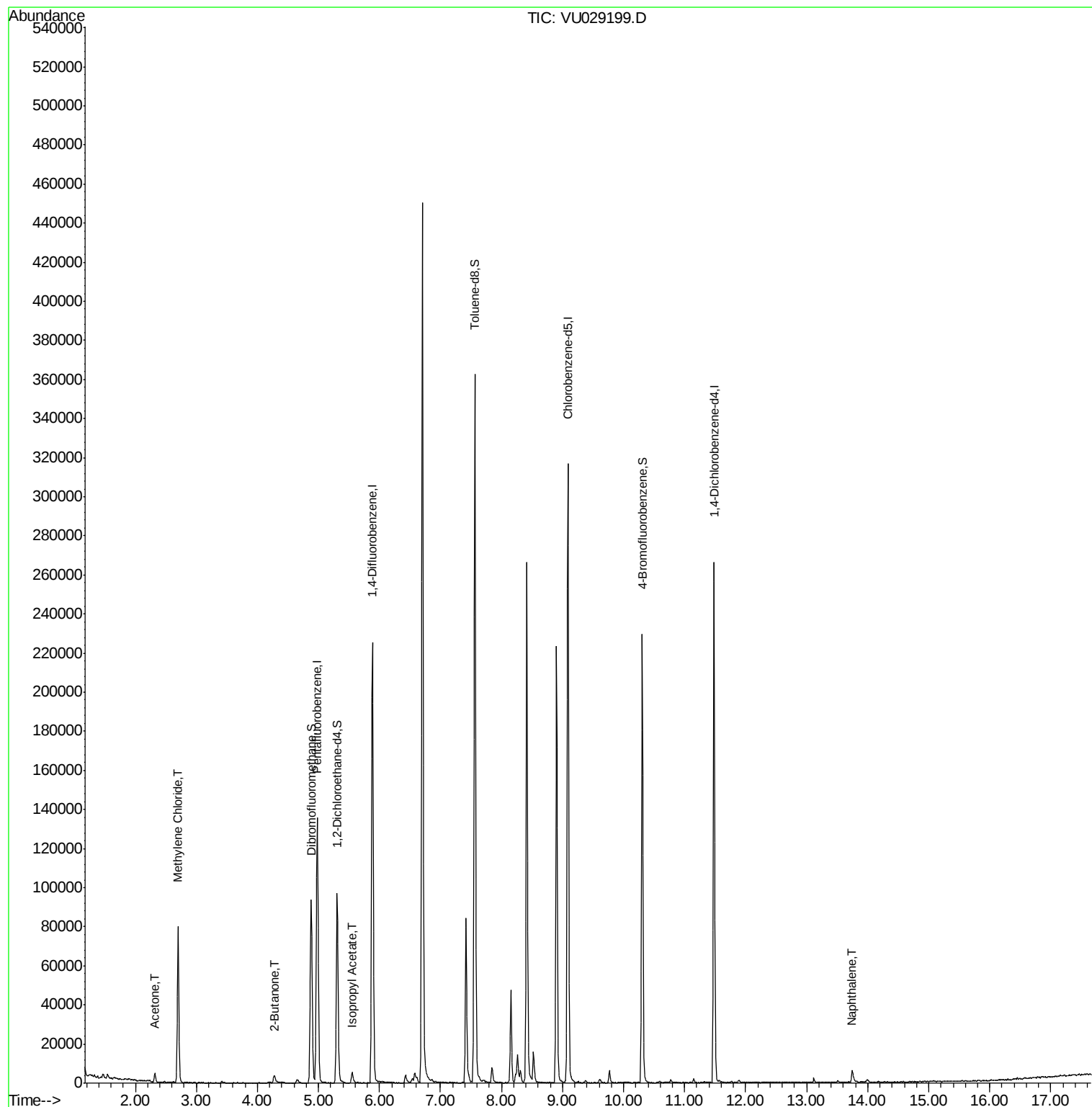
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	109533	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	195281	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	180541	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	72309	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	73610	54.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.72%	
35) Dibromofluoromethane	4.88	113	65976	52.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.24%	
50) Toluene-d8	7.56	98	249490	49.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.84%	
62) 4-Bromofluorobenzene	10.30	95	76917	42.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.66%	
Target Compounds						
16) Acetone	2.32	43	5153	6.041	ug/l	98
20) Methylene Chloride	2.70	84	36267	25.042	ug/l	98
25) 2-Butanone	4.28	43	6756	5.864	ug/l	94
43) Isopropyl Acetate	5.55	43	6570	1.999	ug/l	94
95) Naphthalene	13.75	128	8691	1.553	ug/l #	94

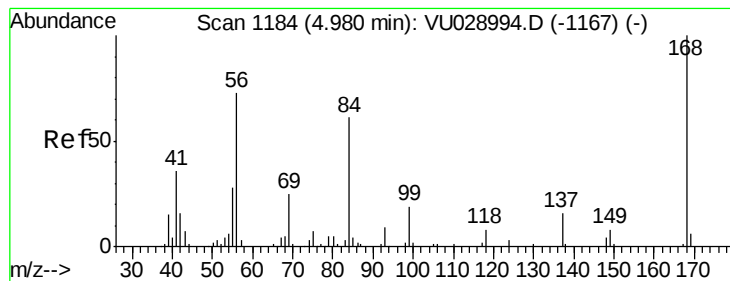
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jan 12 01:33:59 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. 0.00 min

Lab File: VU029199.D

Acq: 16 Jan 2019 11:04

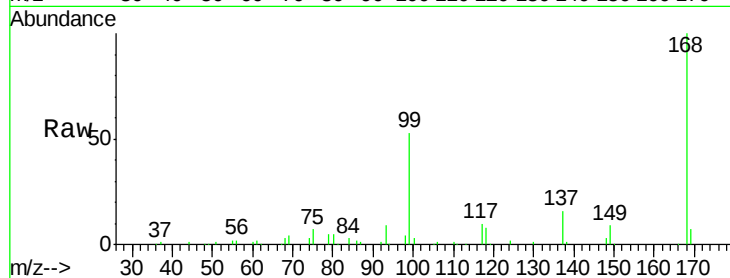
Instrument :
MSVOA_U
ClientSampleId :
TP-1

Tot Ion:168 Resp: 109533

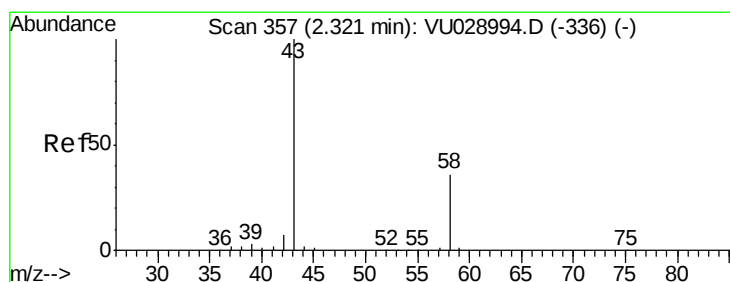
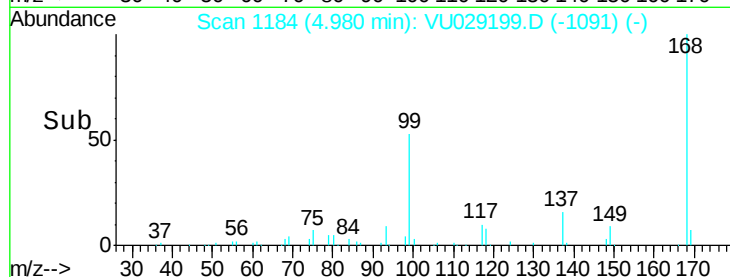
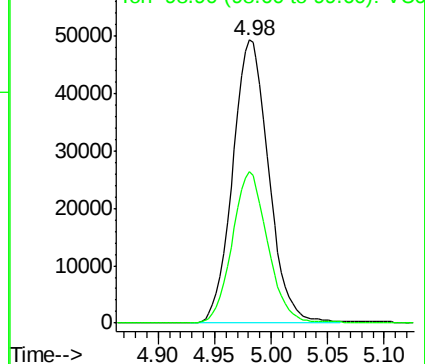
Ion Ratio Lower Upper

168 100

99 53.3 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): VU029199.D (-1091) (-)



#16

Acetone

Concen: 6.041 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU029199.D

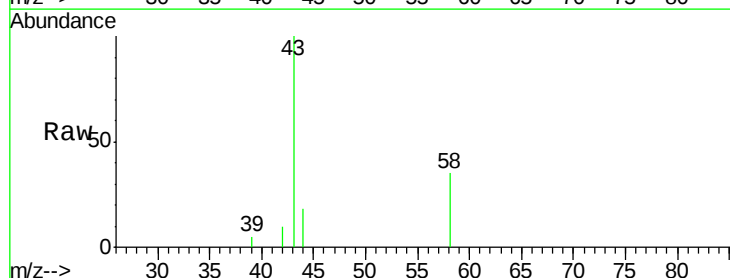
Acq: 16 Jan 2019 11:04

Tgt Ion: 43 Resp: 5153

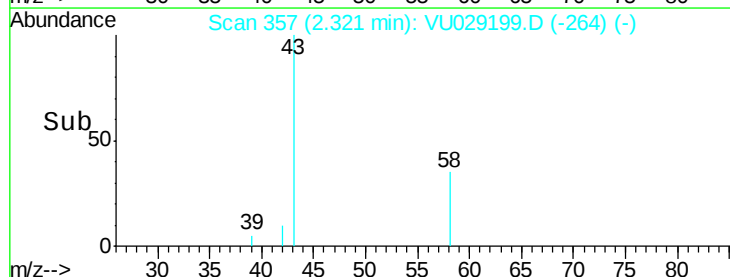
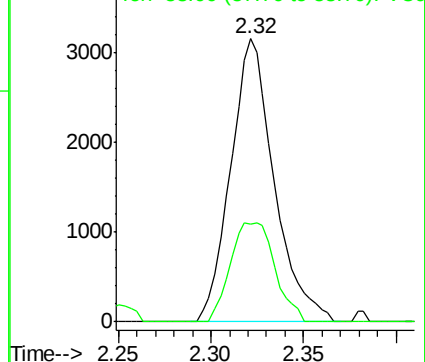
Ion Ratio Lower Upper

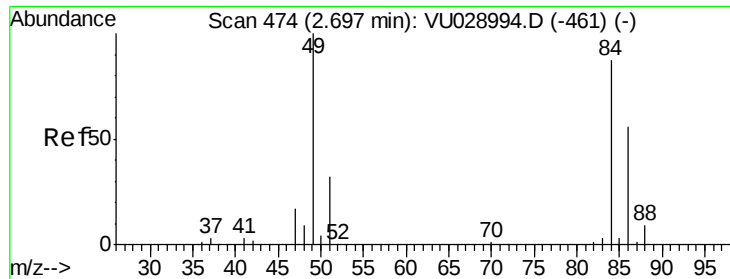
43 100

58 34.6 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VU029199.D (-264) (-)

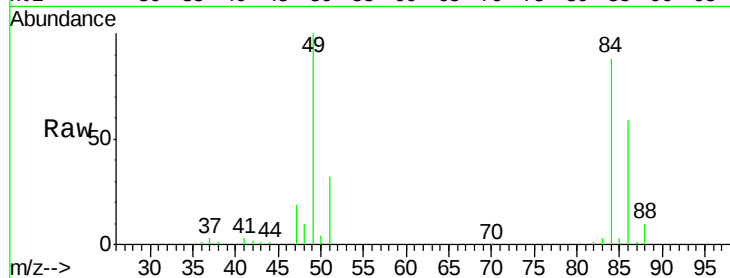




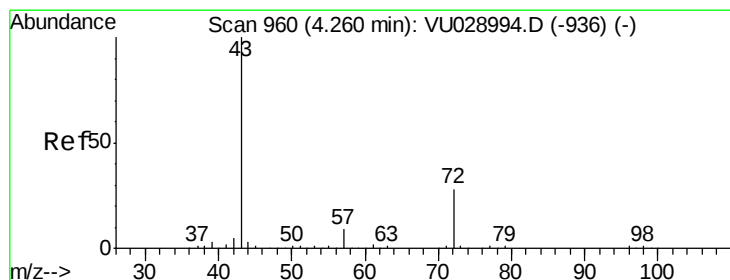
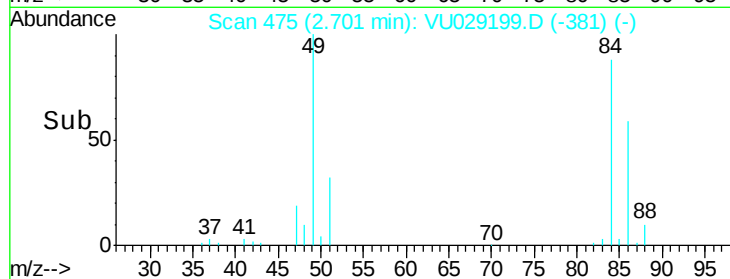
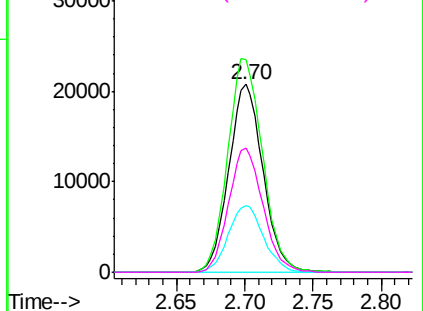
#20
Methvlene Chloride
Concen: 25.042 ug/l
RT: 2.70 min Scan# 475
Delta R.T. 0.00 min
Lab File: VU029199.D
Acq: 16 Jan 2019 11:04

Instrument :
MSVOA_U
ClientSampleId :
TP-1

Tot Ion:	84	Resp:	36267
Ion	Ratio	Lower	Upper
84	100		
49	113.3	91.9	137.9
51	35.8	29.2	43.8
86	66.3	51.8	77.6

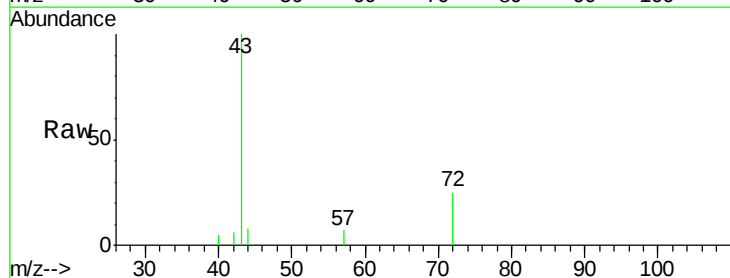


Abundance Ion 83.90 (83.60 to 84.60): VU0
Ion 48.90 (48.60 to 49.60): VU0
Ion 50.90 (50.60 to 51.60): VU0
Ion 85.90 (85.60 to 86.60): VU0

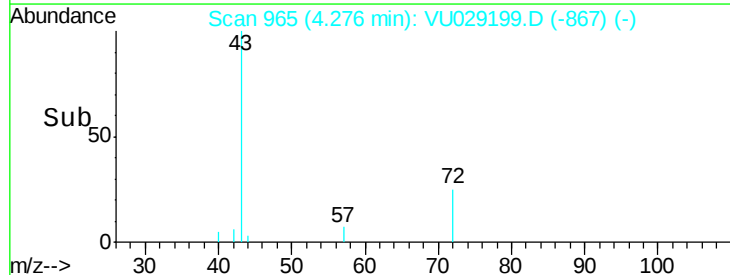
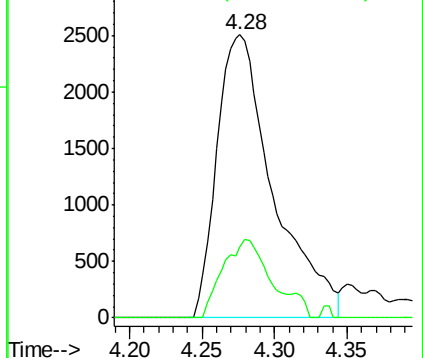


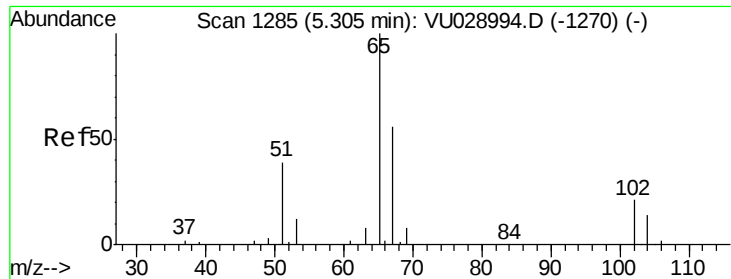
#25
2-Butanone
Concen: 5.864 ug/l
RT: 4.28 min Scan# 965
Delta R.T. 0.02 min
Lab File: VU029199.D
Acq: 16 Jan 2019 11:04

Tgt Ion:	43	Resp:	6756
Ion	Ratio	Lower	Upper
43	100		
72	25.1	22.6	33.8



Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 72.00 (71.70 to 72.70): VU0

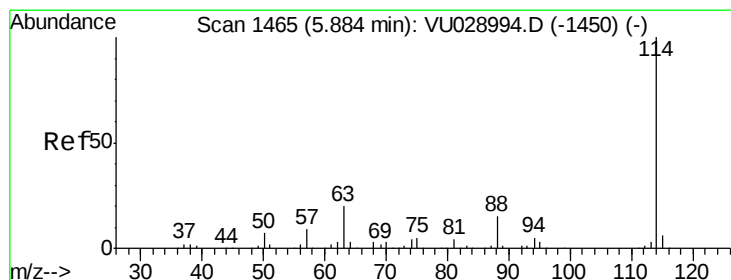
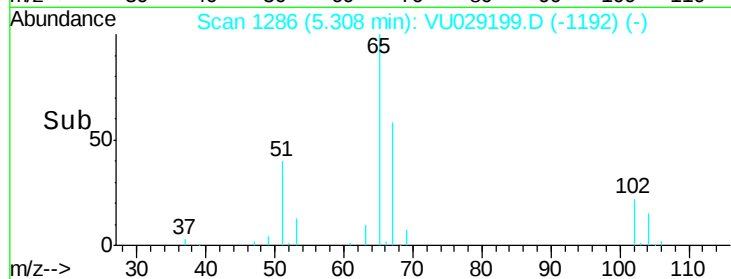
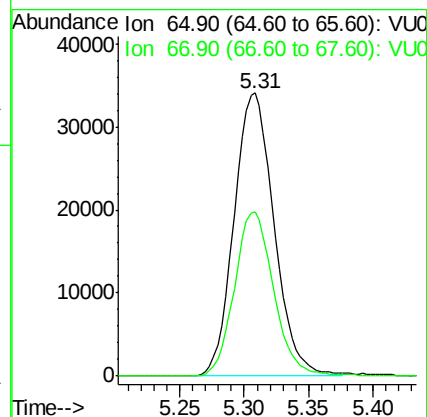
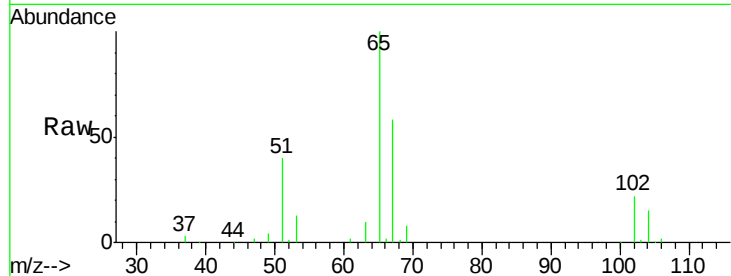




#33
 1,2-Dichloroethane-d4
 Concen: 54.363 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: VU029199.D
 Acq: 16 Jan 2019 11:04

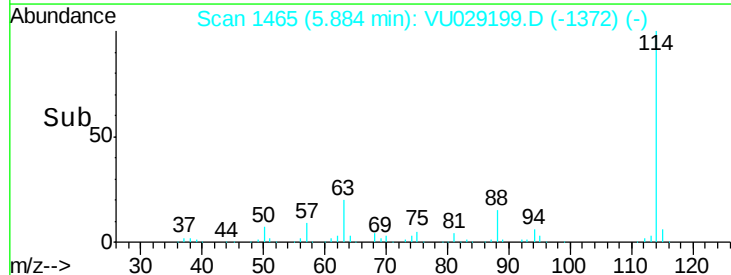
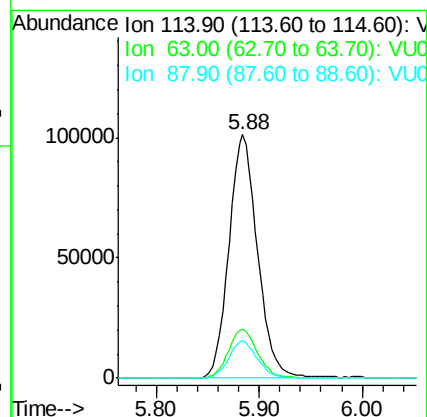
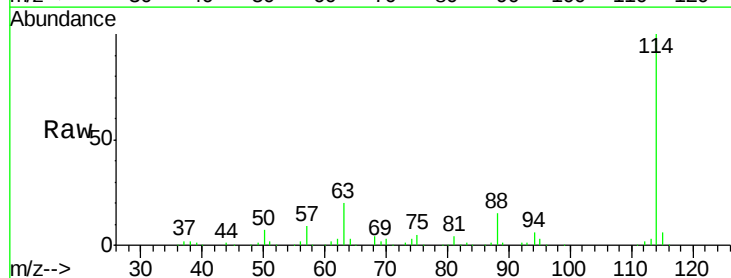
Instrument :
 MSVOA_U
 ClientSampleId :
 TP-1

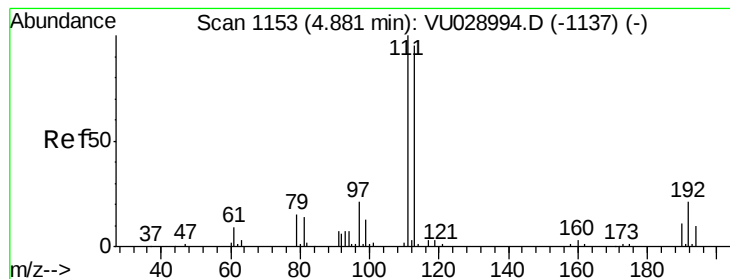
Tot Ion: 65 Resp: 73610
 Ion Ratio Lower Upper
 65 100
 67 56.7 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: VU029199.D
 Acq: 16 Jan 2019 11:04

Tgt Ion: 114 Resp: 195281
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 40.2
 88 15.2 0.0 30.4





#35

Dibromofluoromethane

Concen: 52.119 ug/l

RT: 4.88 min Scan# 1153

Delta R.T. 0.00 min

Lab File: VU029199.D

Acq: 16 Jan 2019 11:04

Instrument :

MSVOA_U

ClientSampleId :

TP-1

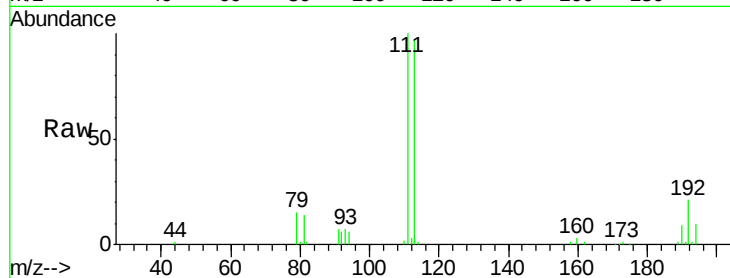
Tot Ion:113 Resp: 65976

Ion Ratio Lower Upper

113 100

111 104.0 81.4 122.2

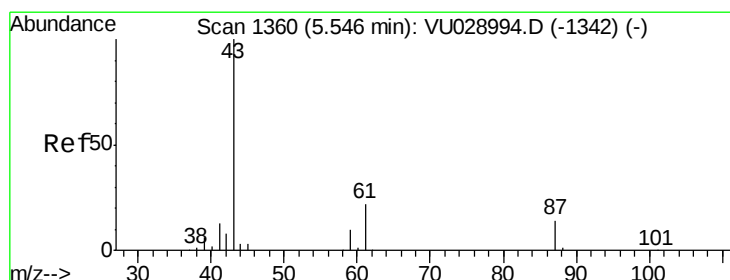
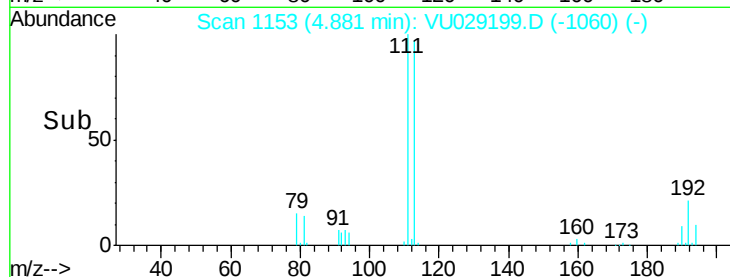
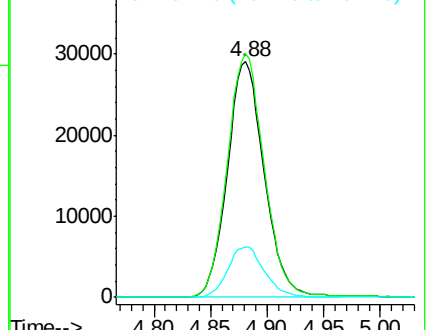
192 21.3 16.8 25.2



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: 1.999 ug/l

RT: 5.55 min Scan# 1362

Delta R.T. 0.01 min

Lab File: VU029199.D

Acq: 16 Jan 2019 11:04

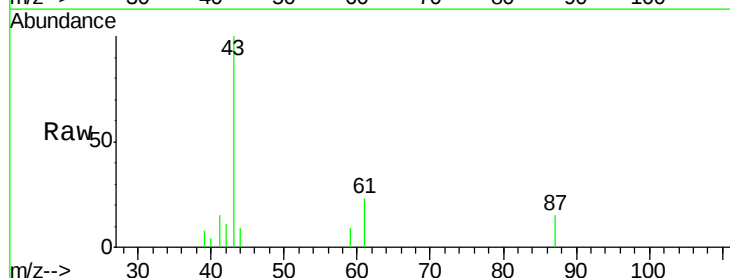
Tgt Ion: 43 Resp: 6570

Ion Ratio Lower Upper

43 100

61 19.3 17.8 26.6

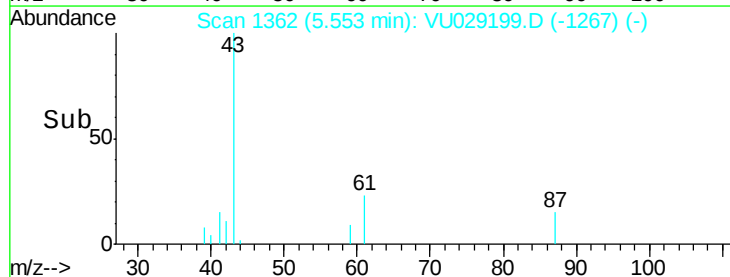
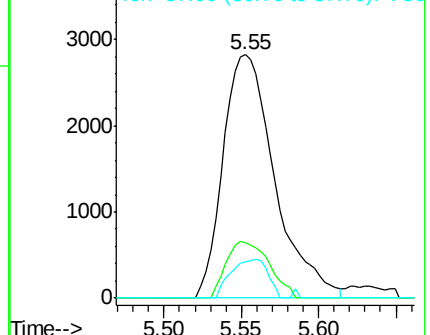
87 11.3 11.3 16.9

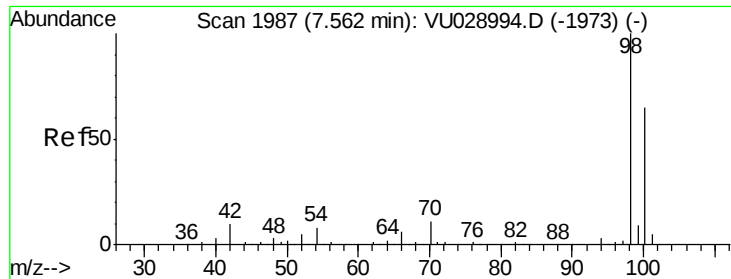


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

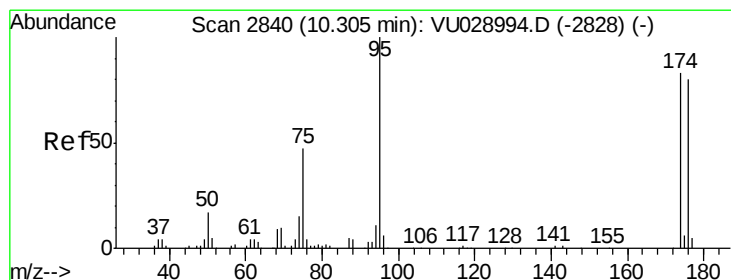
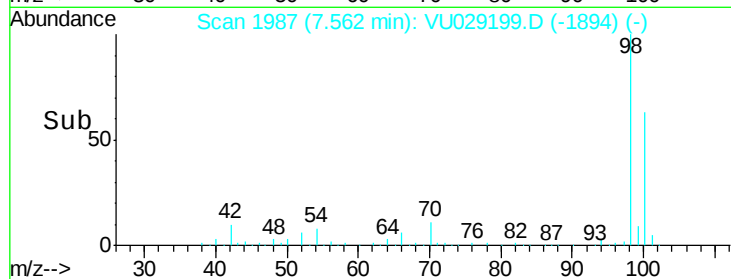
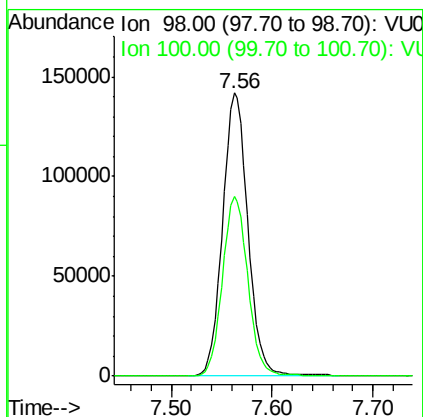
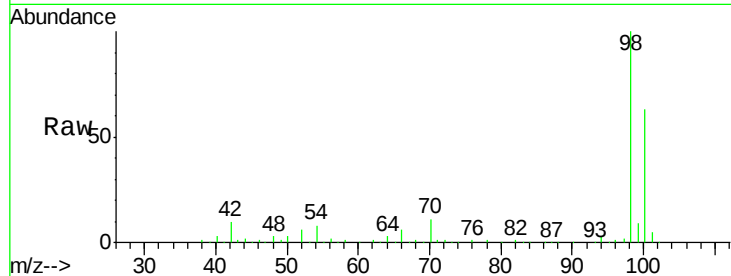




#50
Toluene-d8
Concen: 49.923 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VU029199.D
Acq: 16 Jan 2019 11:04

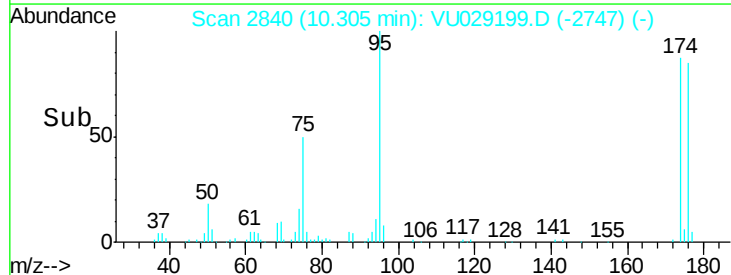
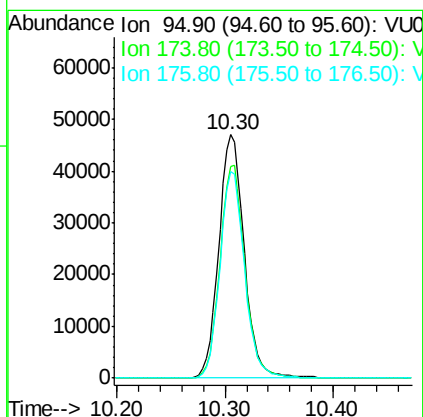
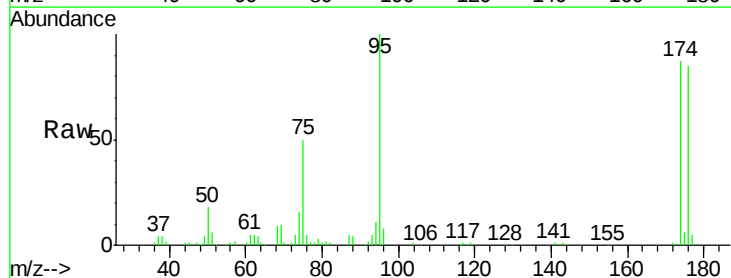
Instrument :
MSVOA_U
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TP-1

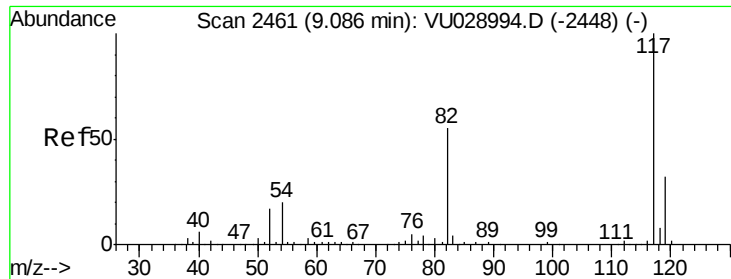
Tot Ion: 98 Resp: 249490
Ion Ratio Lower Upper
98 100
100 63.5 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 42.827 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VU029199.D
Acq: 16 Jan 2019 11:04

Tgt Ion: 95 Resp: 76917
Ion Ratio Lower Upper
95 100
174 85.7 0.0 170.6
176 82.6 0.0 165.0

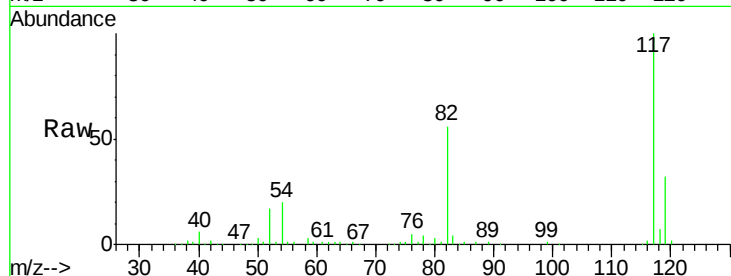




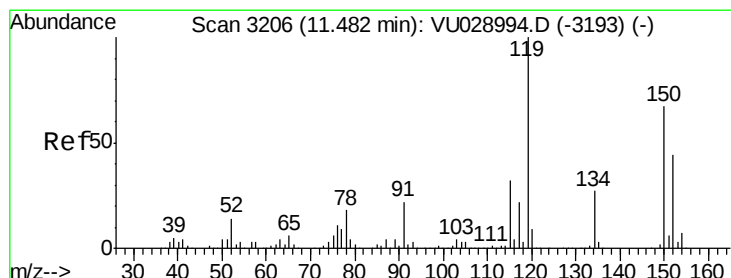
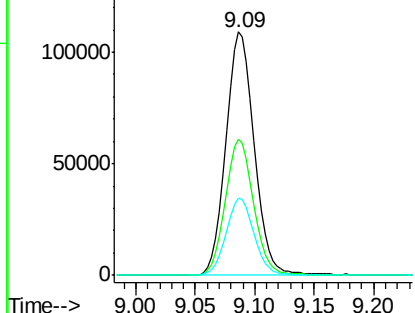
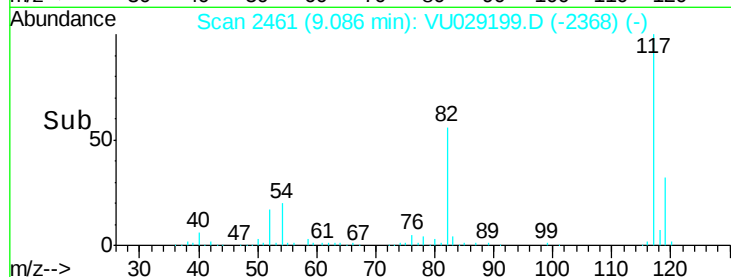
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2461
Delta R.T. 0.00 min
Lab File: VU029199.D
Acq: 16 Jan 2019 11:04

Instrument :
MSVOA_U
ClientSampled :
TP-1

Tot Ion:117 Resp: 180541
Ion Ratio Lower Upper
117 100
82 56.0 43.9 65.9
119 31.8 26.0 39.0

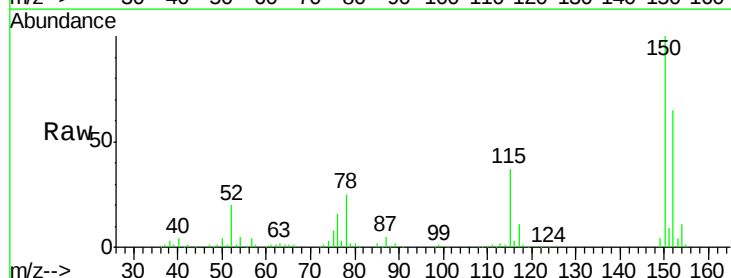


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

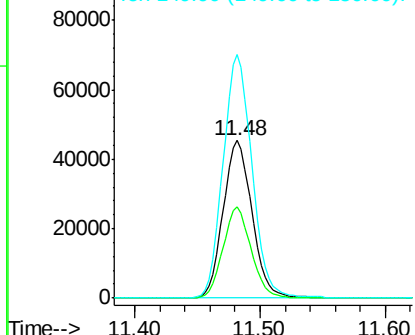
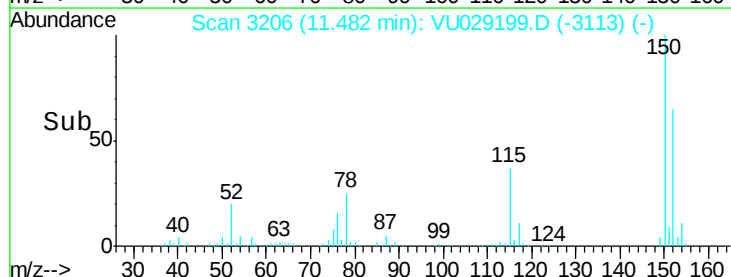


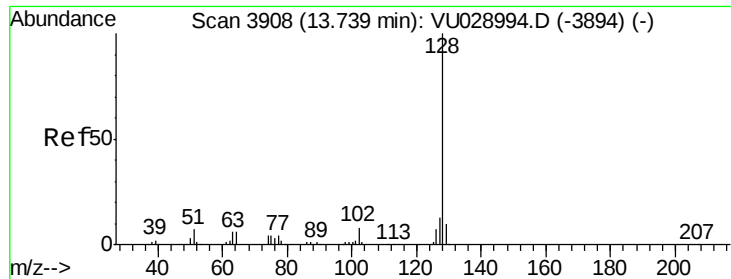
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. 0.00 min
Lab File: VU029199.D
Acq: 16 Jan 2019 11:04

Tgt Ion:152 Resp: 72309
Ion Ratio Lower Upper
152 100
115 56.3 40.1 120.3
150 155.1 0.0 345.2



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





#95
 Naphthalene
 Concen: 1.553 ug/l
 RT: 13.75 min Scan# 3911
 Delta R.T. 0.01 min
 Lab File: VU029199.D
 Acq: 16 Jan 2019 11:04

Instrument :
 MSVOA_U
 ClientSampleId :
 TP-1

Tot Ion	Ratio	Lower	Upper
128	100		
127	9.7	10.1	15.1#
129	9.2	8.5	12.7

