

Data File : VU024935.D
Acq On : 26 Jun 2018 21:32
Operator : MD/SY
Sample : J3669-14ME 20X
Misc : 5.74g/5.0ml/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
WP021SB483-31-33-180620ME

Quant Time: Jul 05 01:24:42 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration

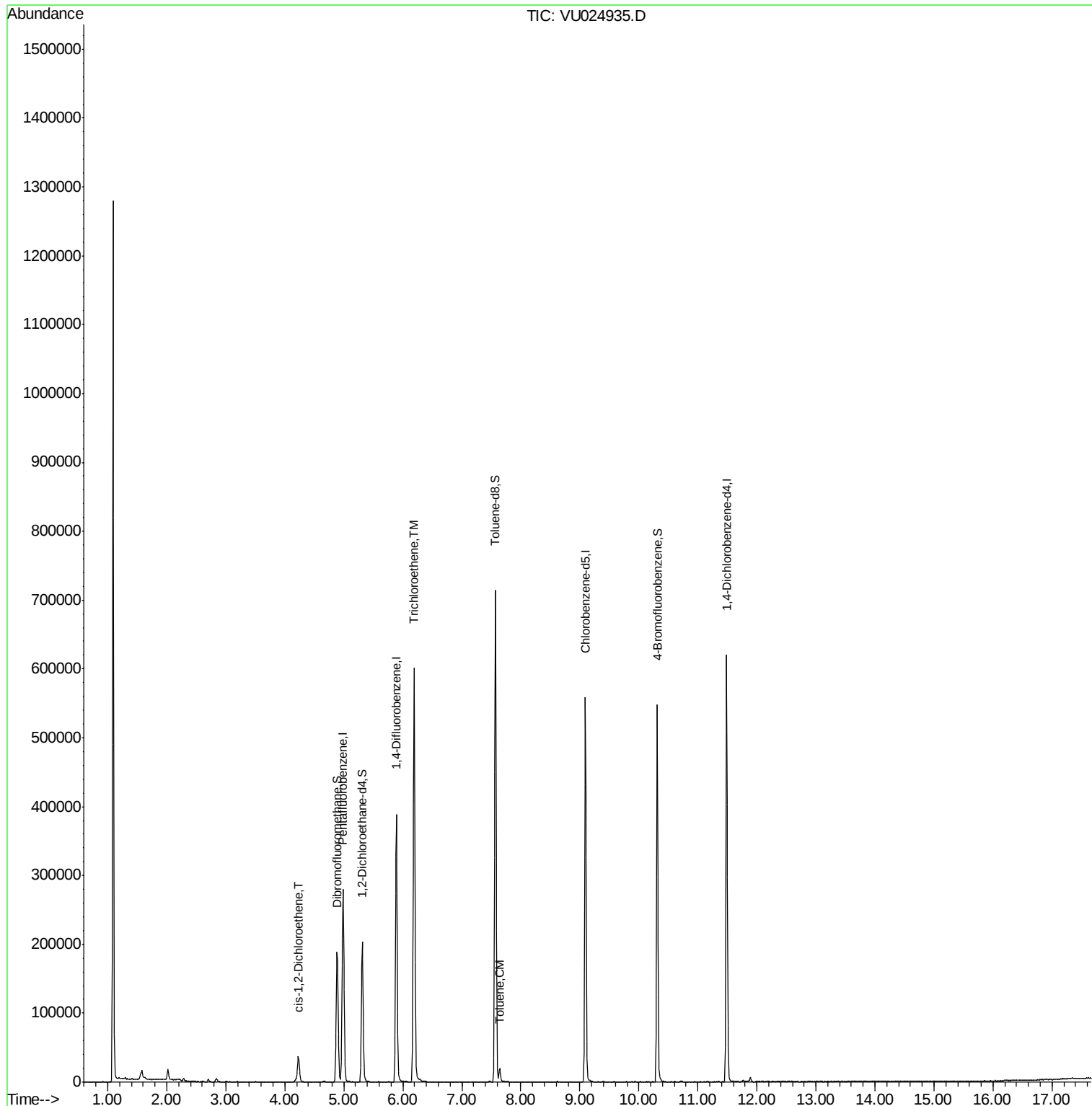
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	216630	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	327453	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	307596	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	160099	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	163302	46.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.36%	
35) Dibromofluoromethane	4.89	113	127469	46.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.80%	
50) Toluene-d8	7.57	98	478000	48.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.44%	
62) 4-Bromofluorobenzene	10.31	95	177058	44.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.98%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.23	96	20583	6.590	ug/l	88
44) Trichloroethene	6.19	130	213701	68.485	ug/l	94
52) Toluene	7.64	92	8428	1.195	ug/l	89

(#) = 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# 1368

Delta R.T. -0.00 min

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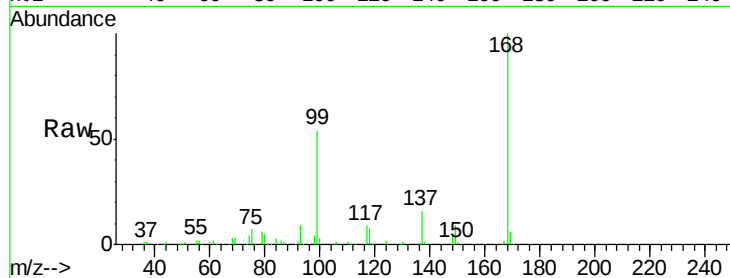
WP021SB483-31-33-180620ME

Tgt Ion:168 Resp: 216630

Ion Ratio Lower Upper

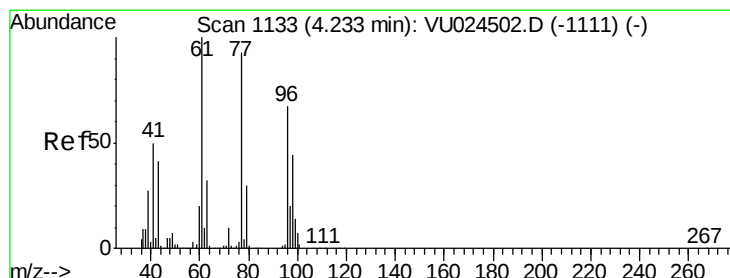
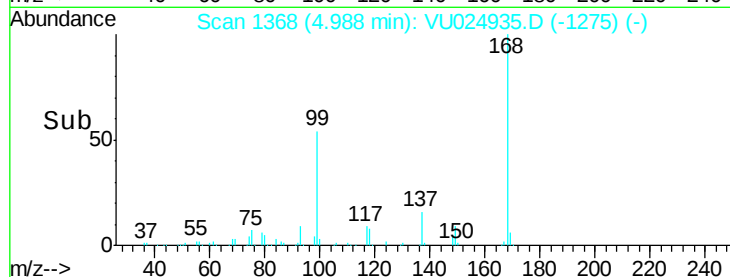
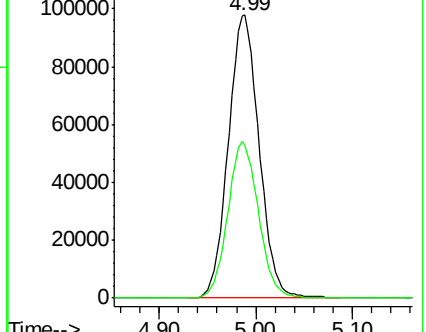
168 100

99 54.2 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0



#27

cis-1,2-Dichloroethene

Concen: 6.590 ug/l

RT: 4.23 min Scan# 1133

Delta R.T. -0.00 min

Lab File: VU024935.D

Acq: 26 Jun 2018 21:32

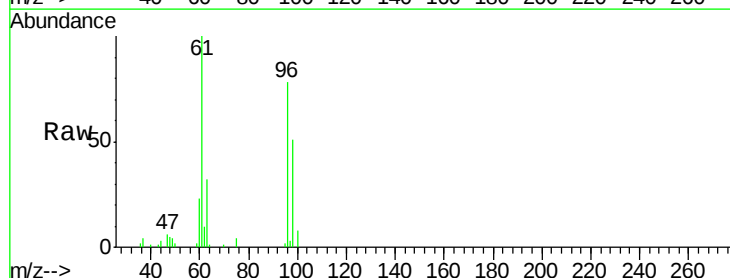
Tgt Ion: 96 Resp: 20583

Ion Ratio Lower Upper

96 100

61 132.5 0.0 306.6

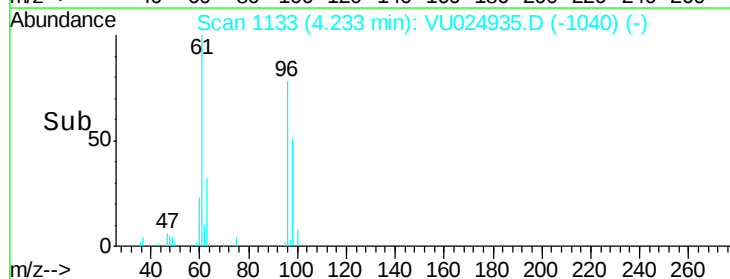
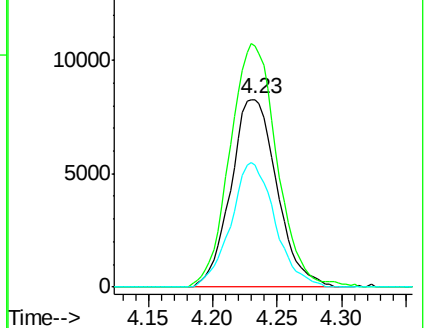
98 63.6 0.0 128.8



Abundance Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

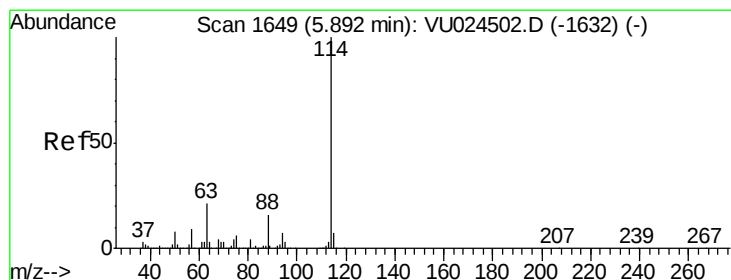
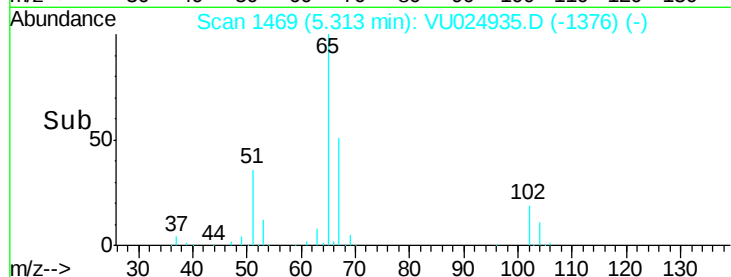
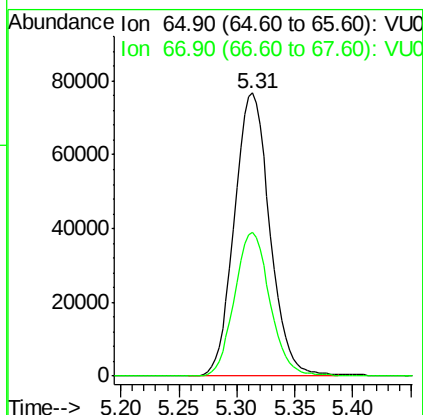
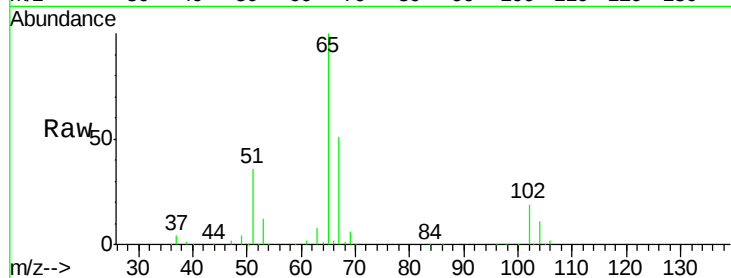




#33
 1,2-Dichloroethane-d4
 Concen: 46.176 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VU024935.D
 Acq: 26 Jun 2018 21:32

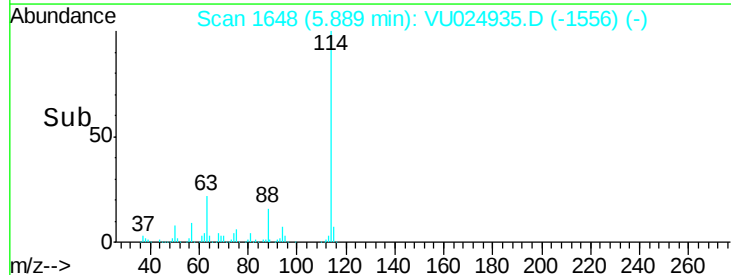
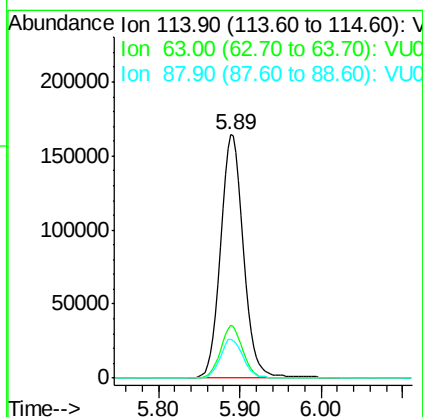
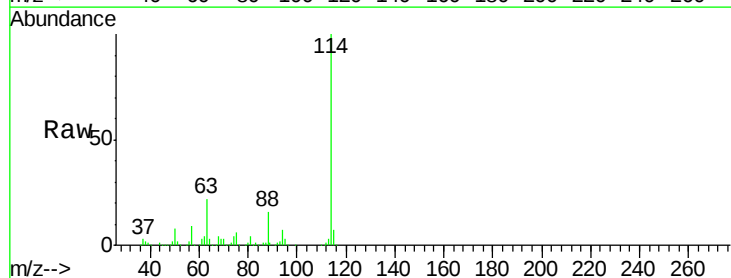
Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB483-31-33-180620ME

Tgt Ion: 65 Resp: 163302
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU024935.D
 Acq: 26 Jun 2018 21:32

Tgt Ion: 114 Resp: 327453
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 45.4
 88 16.1 0.0 31.0

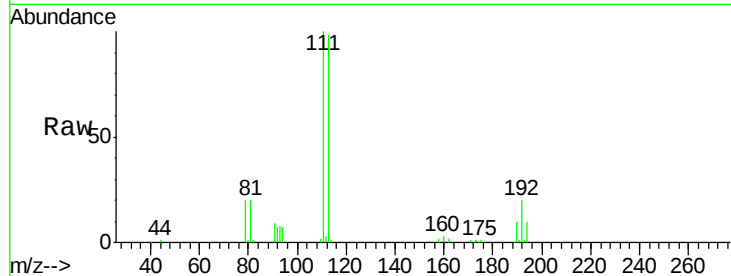




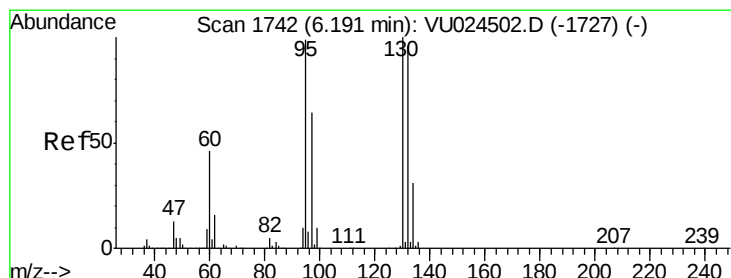
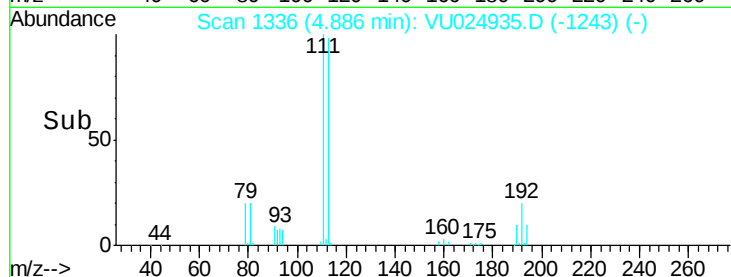
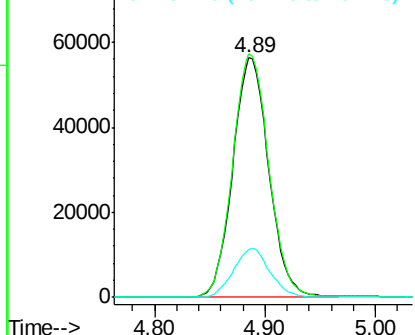
#35
 Dibromofluoromethane
 Concen: 46.905 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. -0.00 min
 Lab File: VU024935.D
 Acq: 26 Jun 2018 21:32

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB483-31-33-180620ME

Tgt Ion:113 Resp: 127469
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.2 123.4
 192 20.7 16.2 24.4

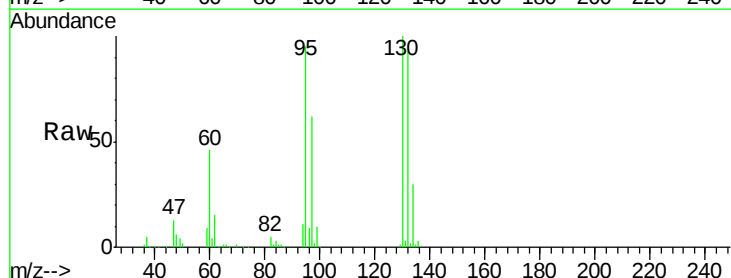


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

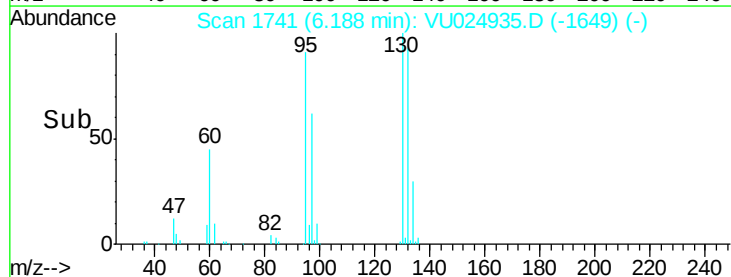
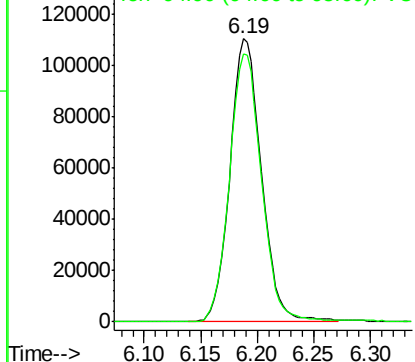


#44
 Trichloroethene
 Concen: 68.485 ug/l
 RT: 6.19 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VU024935.D
 Acq: 26 Jun 2018 21:32

Tgt Ion:130 Resp: 213701
 Ion Ratio Lower Upper
 130 100
 95 94.9 0.0 202.4



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

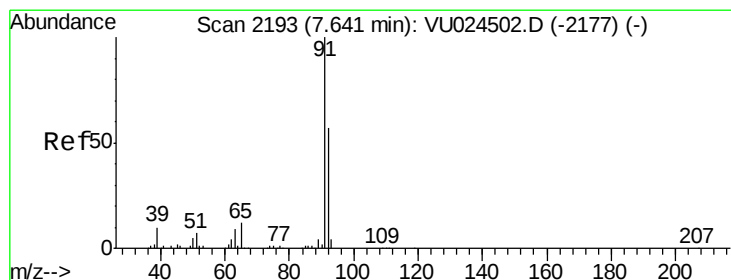
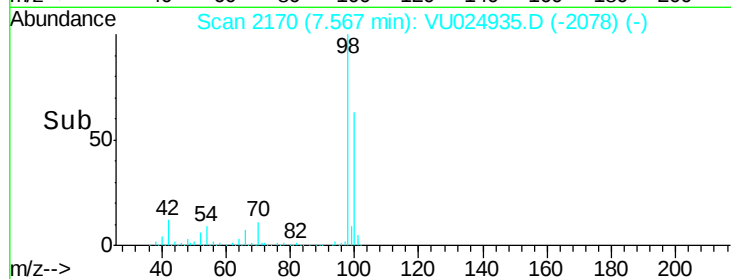
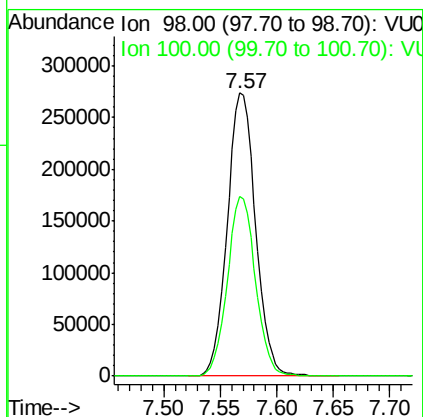
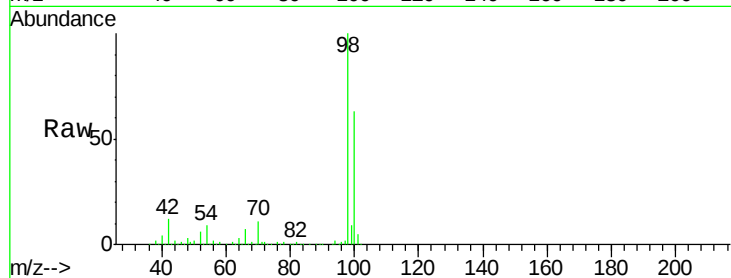




#50
Toluene-d8
Concen: 48.221 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VU024935.D
Acq: 26 Jun 2018 21:32

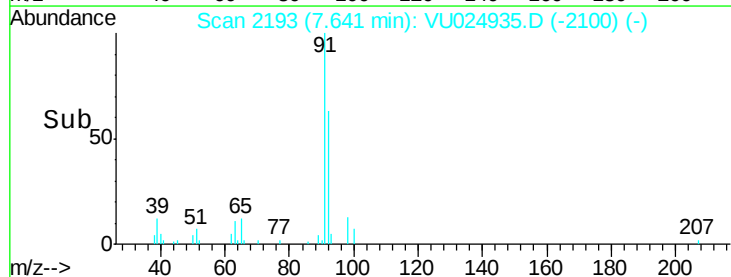
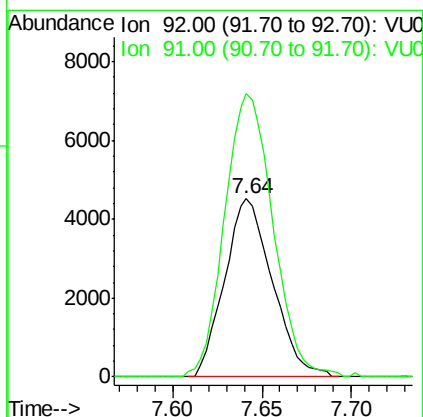
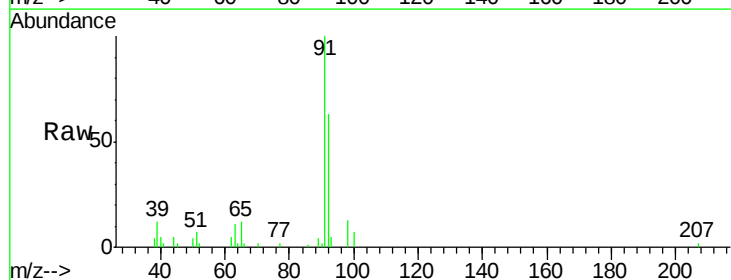
Instrument :
MSVOA_U
ClientSampleId :
WP021SB483-31-33-180620ME

Tgt Ion: 98 Resp: 478000
Ion Ratio Lower Upper
98 100
100 62.9 51.1 76.7



#52
Toluene
Concen: 1.195 ug/l
RT: 7.64 min Scan# 2193
Delta R.T. -0.00 min
Lab File: VU024935.D
Acq: 26 Jun 2018 21:32

Tgt Ion: 92 Resp: 8428
Ion Ratio Lower Upper
92 100
91 160.9 140.5 210.7

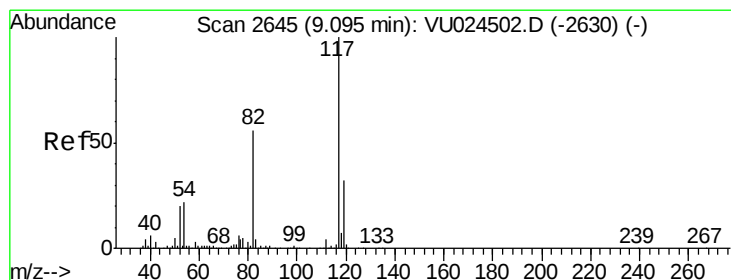
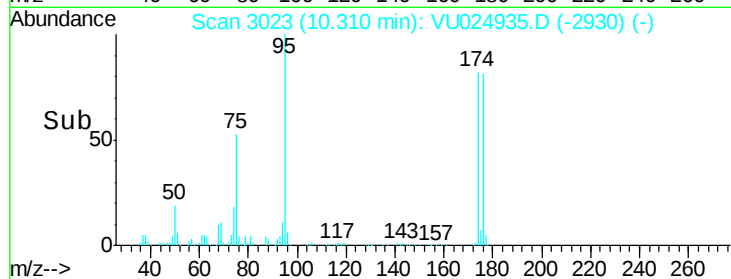
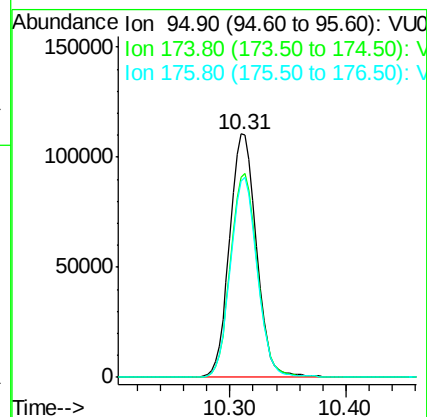
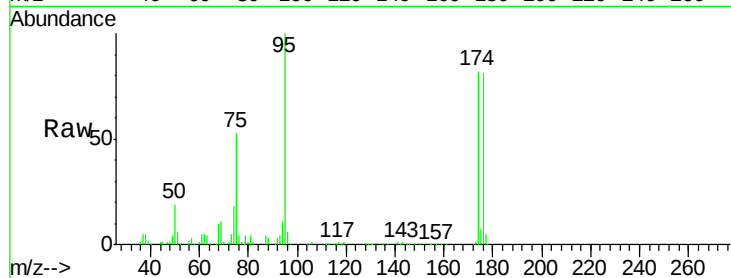




#62
4-Bromofluorobenzene
Concen: 44.987 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. -0.00 min
Lab File: VU024935.D
Acq: 26 Jun 2018 21:32

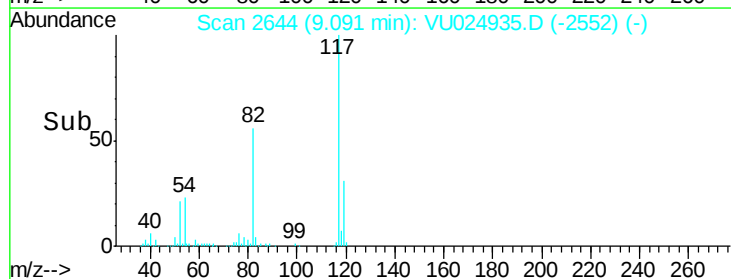
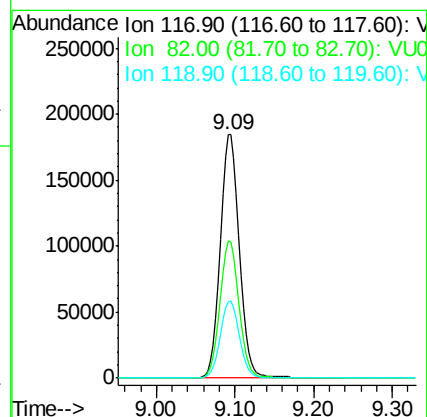
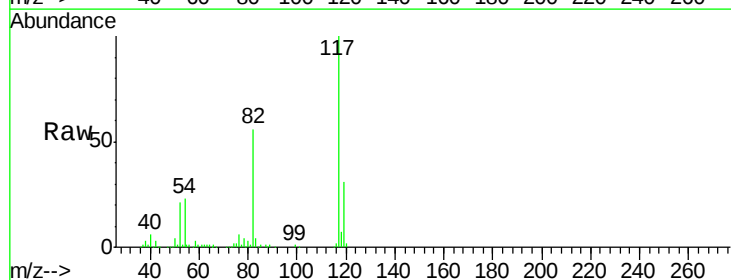
Instrument :
MSVOA_U
ClientSampleId :
WP021SB483-31-33-180620ME

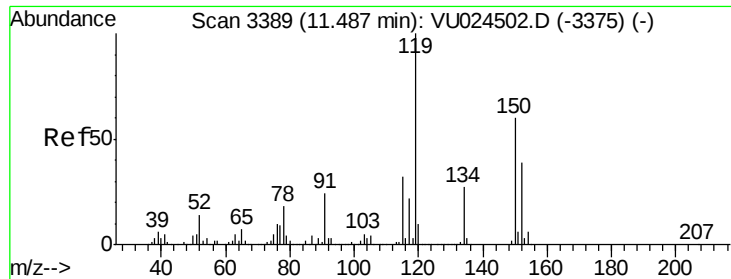
Tgt Ion: 95 Resp: 177058
Ion Ratio Lower Upper
95 100
174 83.6 0.0 165.8
176 81.5 0.0 159.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU024935.D
Acq: 26 Jun 2018 21:32

Tgt Ion: 117 Resp: 307596
Ion Ratio Lower Upper
117 100
82 56.2 44.3 66.5
119 31.3 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VU024935.D

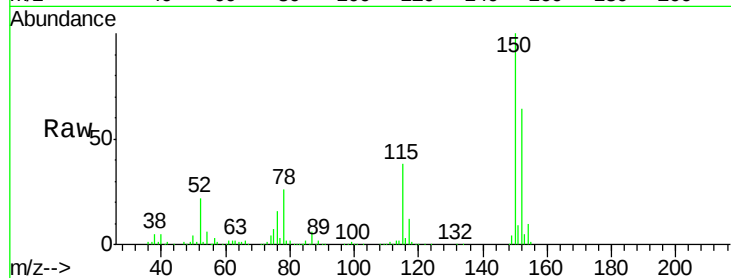
Acq: 26 Jun 2018 21:32

Instrument :

MSVOA_U

ClientSampleId :

WP021SB483-31-33-180620ME



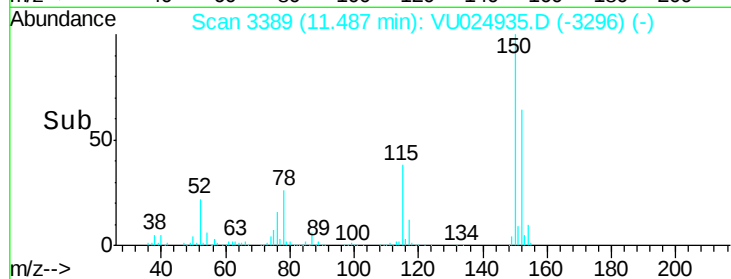
Tgt Ion:152 Resp: 160099

Ion Ratio Lower Upper

152 100

115 57.7 43.0 129.0

150 157.1 0.0 354.0



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

