

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070218\
 Data File : VU025143.D
 Acq On : 02 Jul 2018 15:11
 Operator : MD/SY
 Sample : J3759-17DL 5X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DUP-0475-180626DL

Quant Time: Jul 03 04:59:49 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	206667	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	308068	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	284916	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	148267	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	156471	46.38	ug/l	0.00
Spiked Amount			Recovery	=	92.76%	
35) Dibromofluoromethane	4.89	113	121450	47.50	ug/l	0.00
Spiked Amount			Recovery	=	95.00%	
50) Toluene-d8	7.57	98	442849	47.49	ug/l	0.00
Spiked Amount			Recovery	=	94.98%	
62) 4-Bromofluorobenzene	10.31	95	163108	44.05	ug/l	0.00
Spiked Amount			Recovery	=	88.10%	

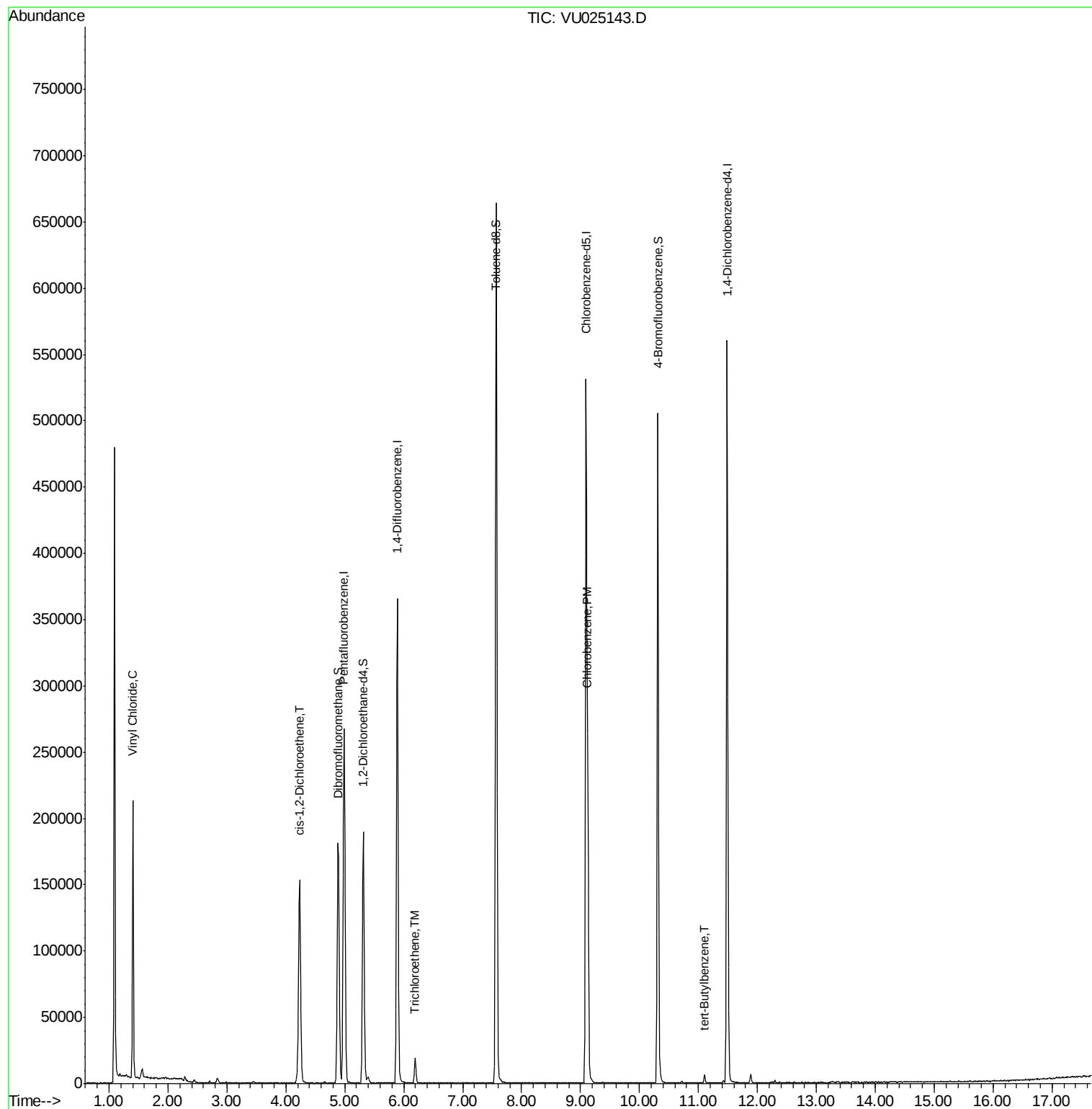
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.40	62	129229	47.41	ug/l	97
27) cis-1,2-Dichloroethene	4.23	96	87285	29.29	ug/l	88
44) Trichloroethene	6.19	130	6932	2.36	ug/l	94
65) Chlorobenzene	9.12	112	128034	17.59	ug/l	98
83) tert-Butylbenzene	11.10	119	3006	0.32	ug/l	80

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU025143.D

Acq: 02 Jul 2018 15:11

Instrument :

MSVOA_U

ClientSampleId :

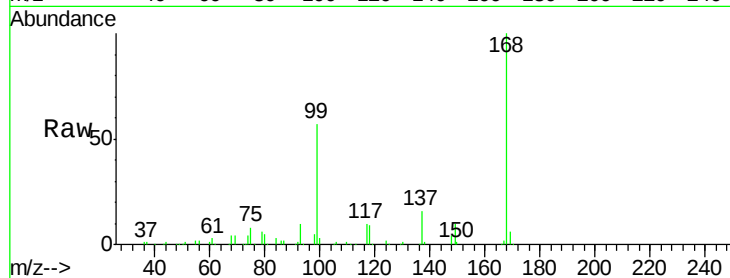
DUP-0475-180626DL

Tot Ion:168 Resp: 206667

Ion Ratio Lower Upper

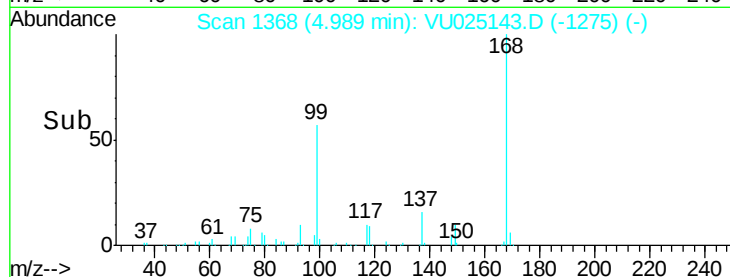
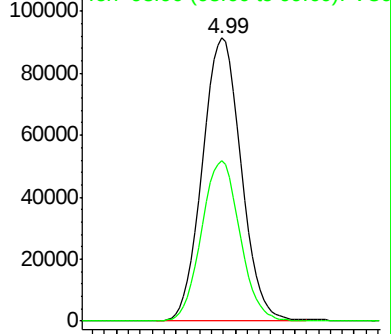
168 100

99 56.6 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0



#4

Vinyl Chloride

Concen: 47.41 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU025143.D

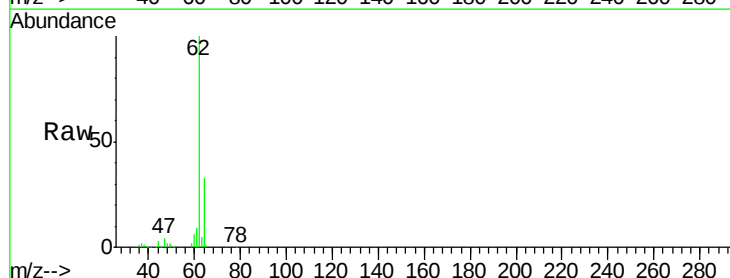
Acq: 02 Jul 2018 15:11

Tgt Ion: 62 Resp: 129229

Ion Ratio Lower Upper

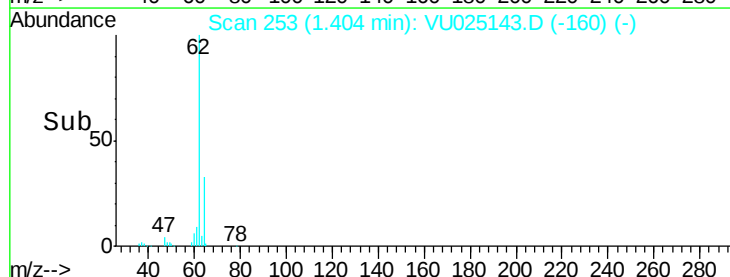
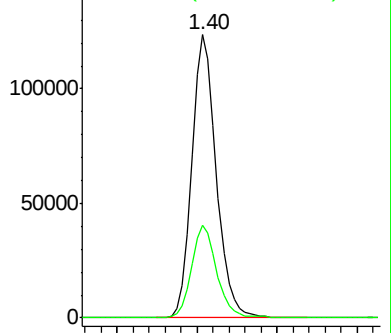
62 100

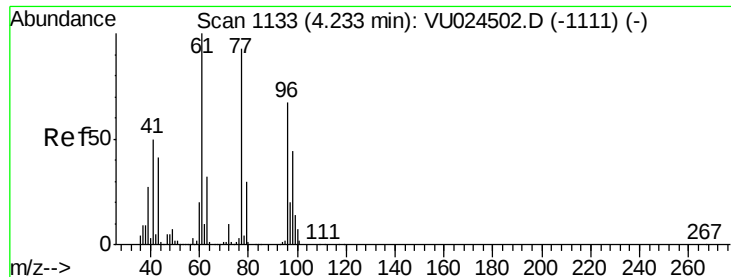
64 32.7 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0





#27

cis-1,2-Dichloroethene

Concen: 29.29 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU025143.D

Acq: 02 Jul 2018 15:11

Instrument :

MSVOA_U

ClientSampleId :

DUP-0475-180626DL

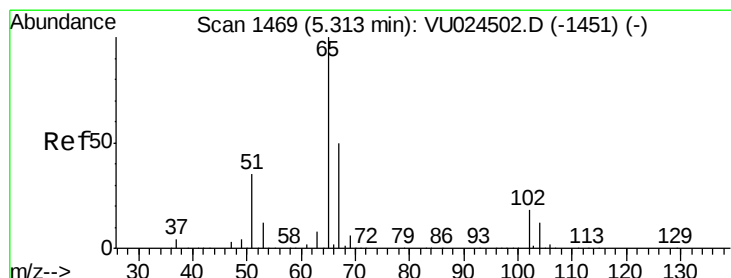
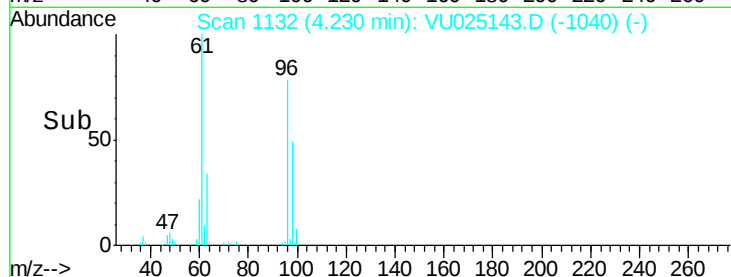
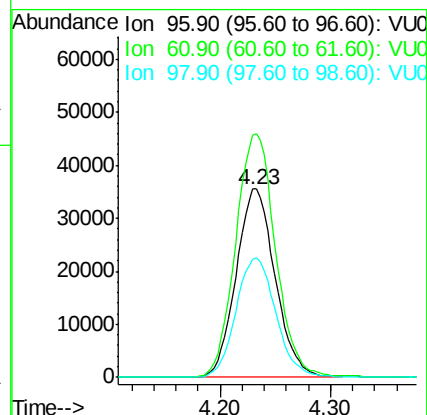
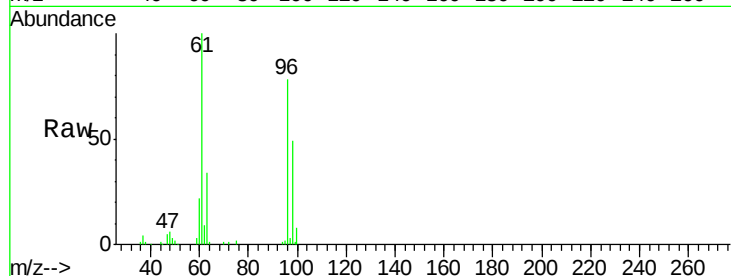
Tot Ion: 96 Resp: 87285

Ion Ratio Lower Upper

96 100

61 132.2 0.0 306.6

98 64.6 0.0 128.8



#33

1,2-Dichloroethane-d4

Concen: 46.38 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU025143.D

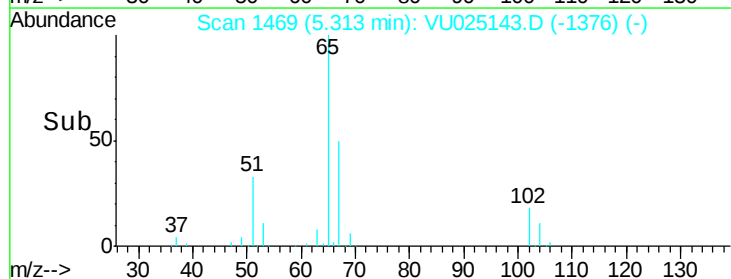
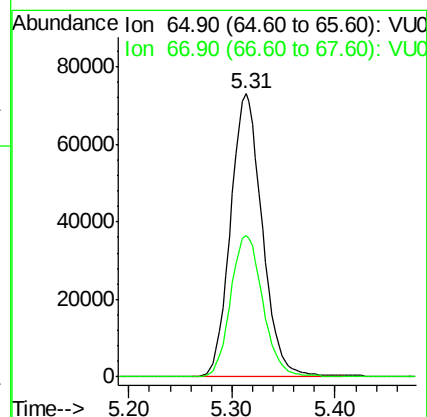
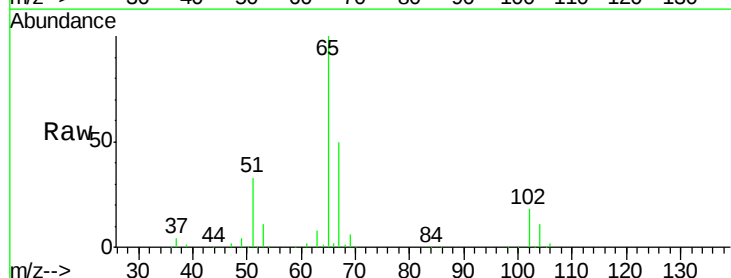
Acq: 02 Jul 2018 15:11

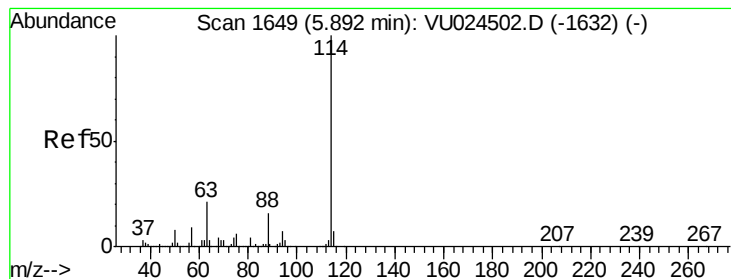
Tgt Ion: 65 Resp: 156471

Ion Ratio Lower Upper

65 100

67 50.8 0.0 107.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.89 min Scan# 1649

Delta R.T. 0.00 min

Lab File: VU025143.D

Acq: 02 Jul 2018 15:11

Instrument :

MSVOA_U

ClientSampleId :

DUP-0475-180626DL

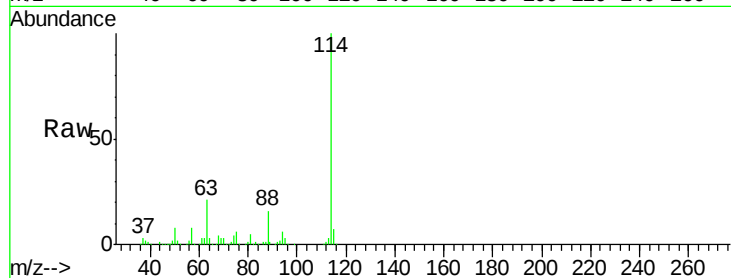
Tot Ion:114 Resp: 308068

Ion Ratio Lower Upper

114 100

63 20.9 0.0 45.4

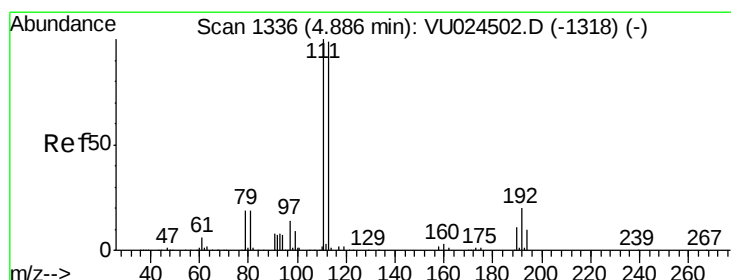
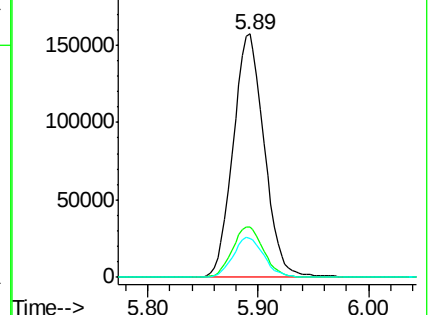
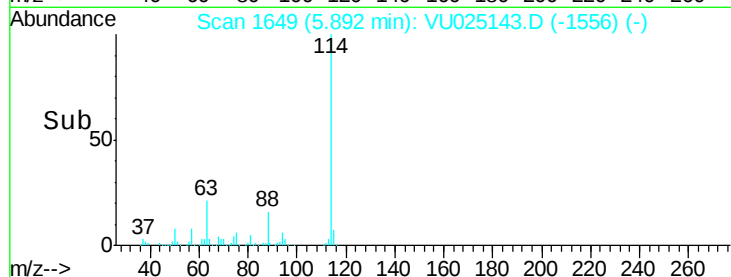
88 16.2 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0



#35

Dibromofluoromethane

Concen: 47.50 ug/l

RT: 4.89 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VU025143.D

Acq: 02 Jul 2018 15:11

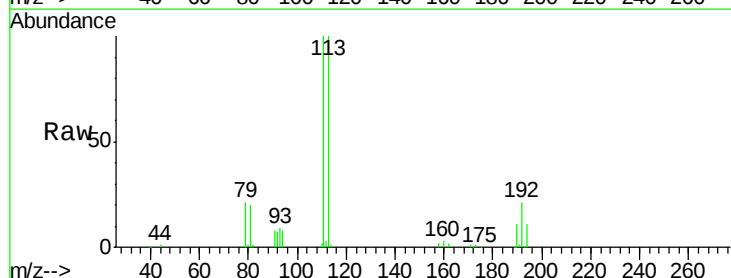
Tgt Ion:113 Resp: 121450

Ion Ratio Lower Upper

113 100

111 101.4 82.2 123.4

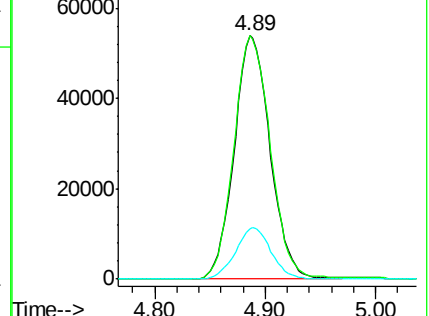
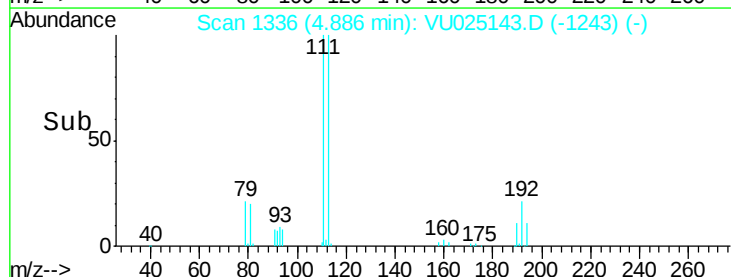
192 20.9 16.2 24.4

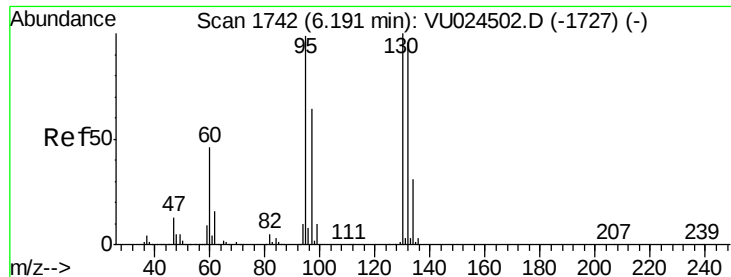


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 2.36 ug/l

RT: 6.19 min Scan# 1743

Delta R.T. 0.00 min

Lab File: VU025143.D

Acq: 02 Jul 2018 15:11

Instrument :

MSVOA_U

ClientSampleId :

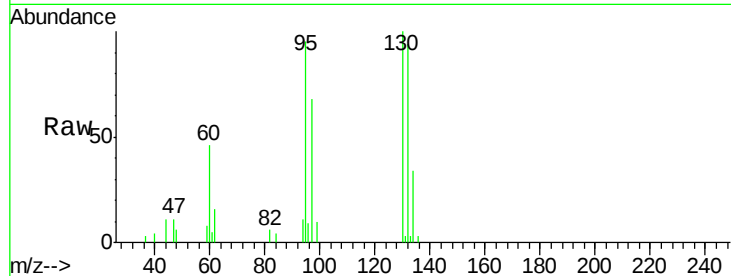
DUP-0475-180626DL

Tot Ion:130 Resp: 6932

Ion Ratio Lower Upper

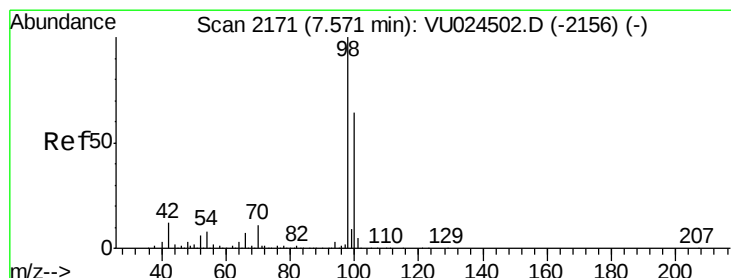
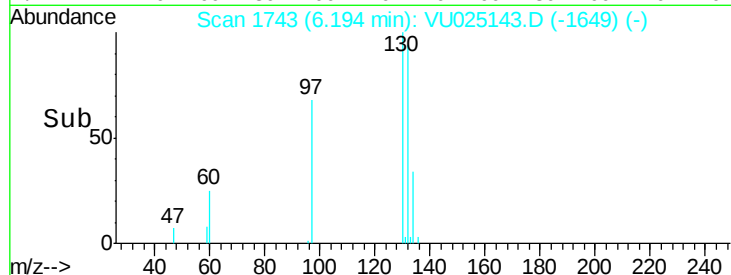
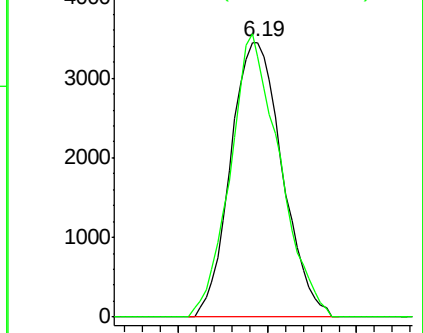
130 100

95 94.8 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: 47.49 ug/l

RT: 7.57 min Scan# 2171

Delta R.T. 0.00 min

Lab File: VU025143.D

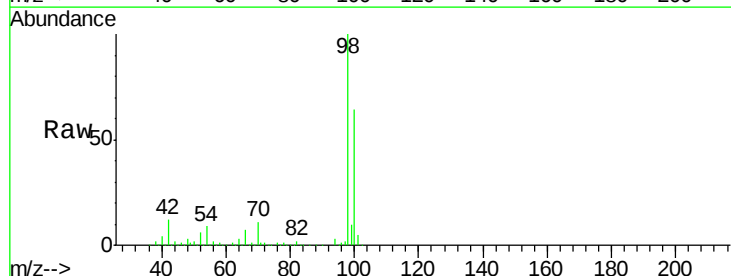
Acq: 02 Jul 2018 15:11

Tgt Ion: 98 Resp: 442849

Ion Ratio Lower Upper

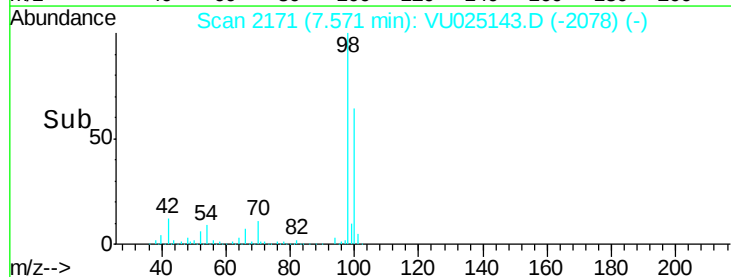
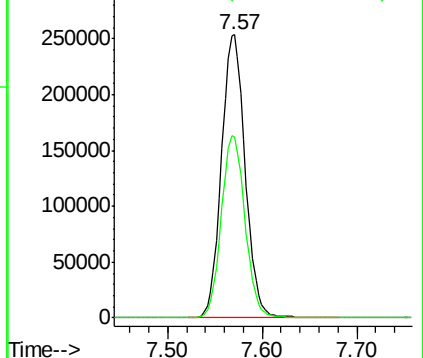
98 100

100 64.5 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU0

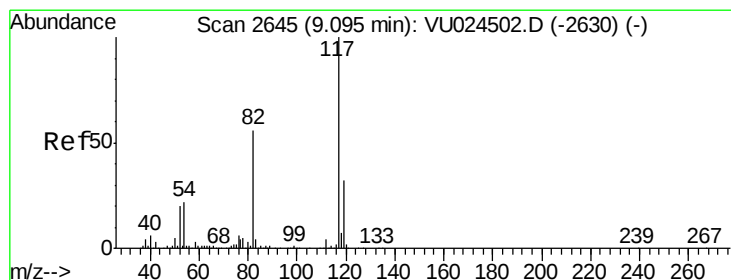
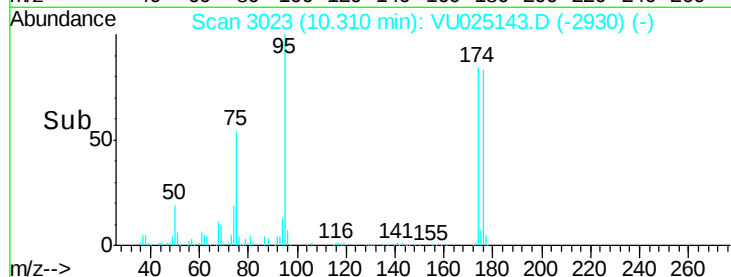
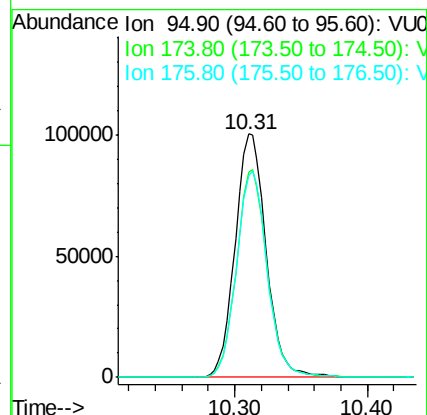
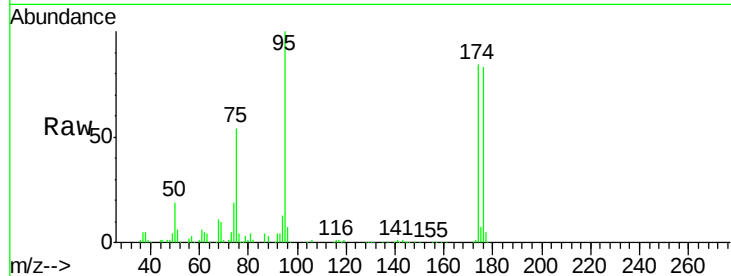




#62
4-Bromofluorobenzene
Concen: 44.05 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU025143.D
Acq: 02 Jul 2018 15:11

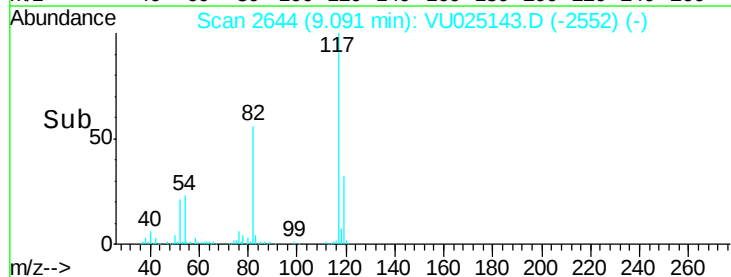
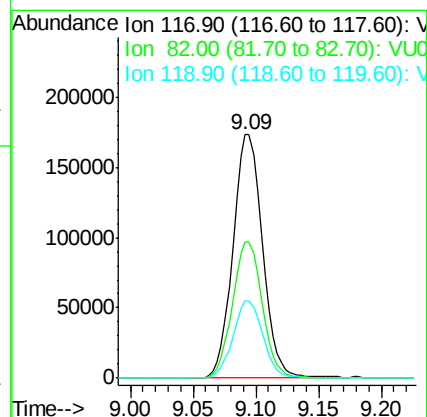
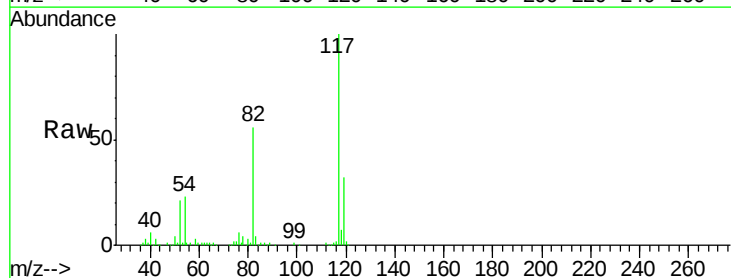
Instrument :
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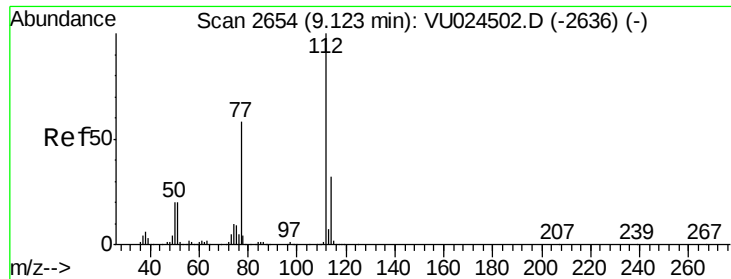
Tot Ion	95	Resp	163108
Ion Ratio	Lower	Upper	
95	100		
174	84.7	0.0	165.8
176	83.9	0.0	159.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU025143.D
Acq: 02 Jul 2018 15:11

Tgt Ion	117	Resp	284916
Ion Ratio	Lower	Upper	
117	100		
82	55.8	44.3	66.5
119	31.7	25.4	38.2





#65

Chlorobenzene

Concen: 17.59 ug/l

RT: 9.12 min Scan# 2654

Delta R.T. 0.00 min

Lab File: VU025143.D

Acq: 02 Jul 2018 15:11

Instrument :

MSVOA_U

ClientSampleId :

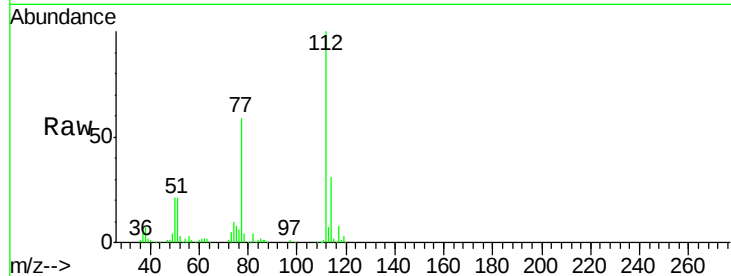
DUP-0475-180626DL

Tot Ion:112 Resp: 128034

Ion Ratio Lower Upper

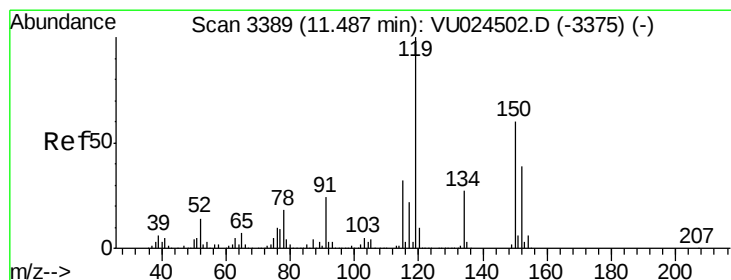
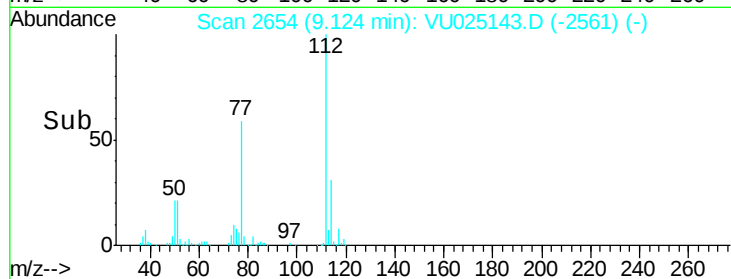
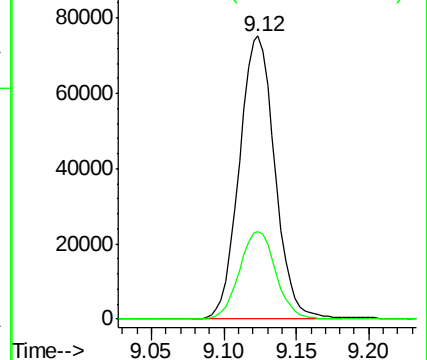
112 100

114 31.1 25.6 38.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): 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: VU025143.D

Acq: 02 Jul 2018 15:11

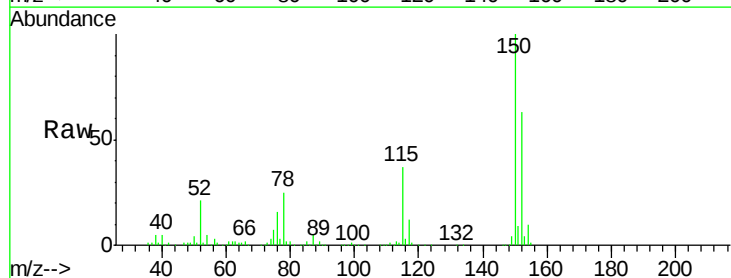
Tgt Ion:152 Resp: 148267

Ion Ratio Lower Upper

152 100

115 58.8 43.0 129.0

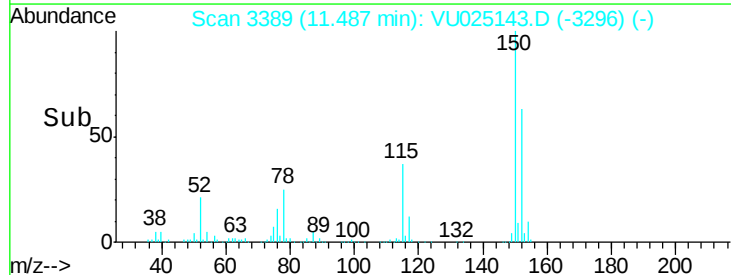
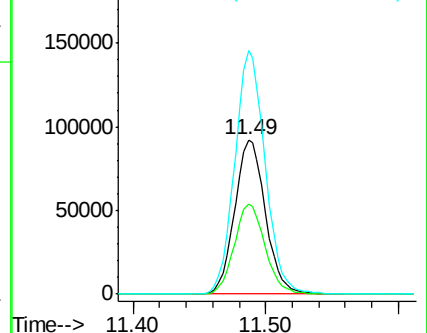
150 156.4 0.0 354.0

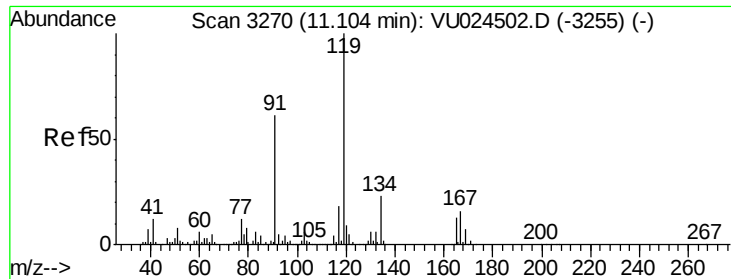


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#83
 tert-Butylbenzene
 Concen: 0.32 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: VU025143.D
 Acq: 02 Jul 2018 15:11

Instrument :
 MSVOA_U
 ClientSampleId :
 DUP-0475-180626DL

Tot Ion	Ratio	Lower	Upper
119	100		
91	79.6	29.7	89.1
134	22.4	11.6	34.7

