

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062718\
 Data File : VU024948.D
 Acq On : 27 Jun 2018 02:46
 Operator : MD/SY
 Sample : J3664-22ME 20X
 Misc : 5.64g/5.0ml/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB471-31-33-180619ME

Quant Time: Jun 27 05:44:52 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	204667	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	308929	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	287880	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	154453	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	154006	46.09	ug/l	0.00
Spiked Amount				50.000		
Recovery						92.18%
35) Dibromofluoromethane	4.89	113	121081	47.23	ug/l	0.00
Spiked Amount				50.000		
Recovery						94.46%
50) Toluene-d8	7.57	98	453721	48.52	ug/l	0.00
Spiked Amount				50.000		
Recovery						97.04%
62) 4-Bromofluorobenzene	10.31	95	168656	45.42	ug/l	0.00
Spiked Amount				50.000		
Recovery						90.84%

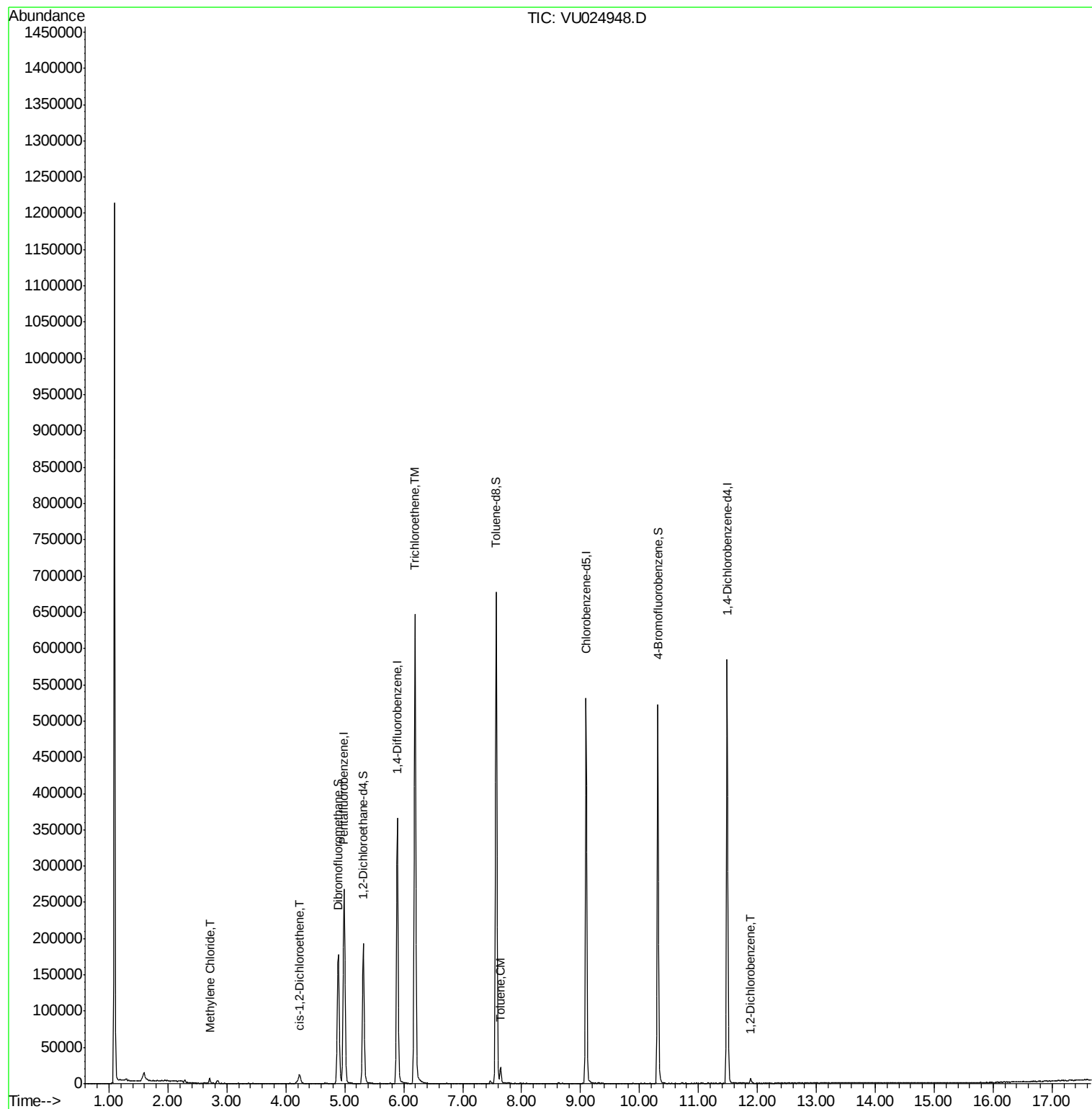
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	2.71	84	3441	1.22	ug/l	# 81
27) cis-1,2-Dichloroethene	4.23	96	6525	2.21	ug/l	92
44) Trichloroethene	6.19	130	227464	77.27	ug/l	98
52) Toluene	7.64	92	9105	1.37	ug/l	94
91) 1,2-Dichlorobenzene	11.89	146	3185	0.57	ug/l	93

(#) = 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

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Acq: 27 Jun 2018 02:46

Instrument :

MSVOA_U

ClientSampleId :

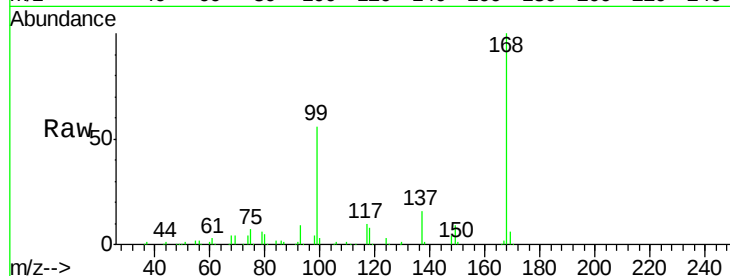
WP021SB471-31-33-180619ME

Tot Ion:168 Resp: 204667

Ion Ratio Lower Upper

168 100

99 56.0 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0

4.99

100000

80000

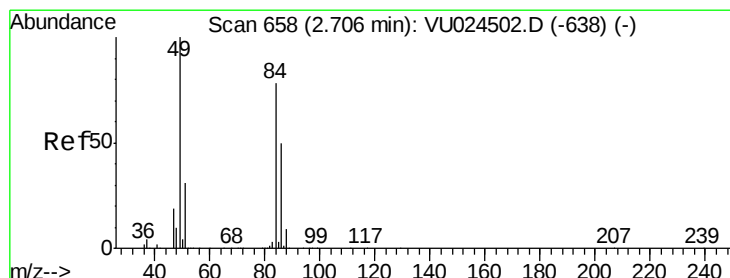
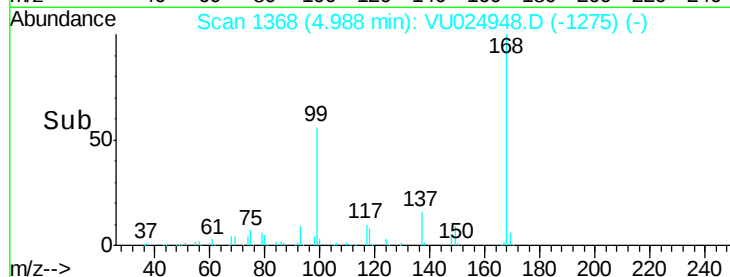
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 1.22 ug/l

RT: 2.71 min Scan# 659

Delta R.T. 0.00 min

Lab File: VU024948.D

Acq: 27 Jun 2018 02:46

Tgt Ion: 84 Resp: 3441

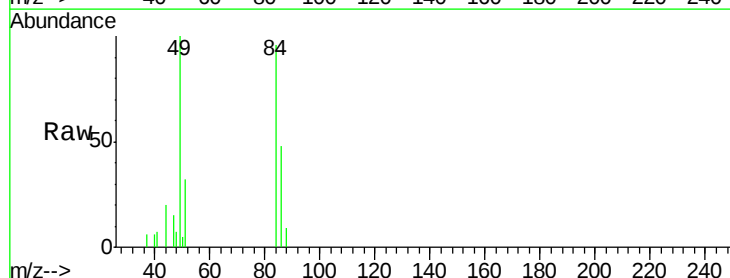
Ion Ratio Lower Upper

84 100

49 103.8 103.8 155.8#

51 33.2 32.0 48.0

86 49.6 51.6 77.4#



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

2.71

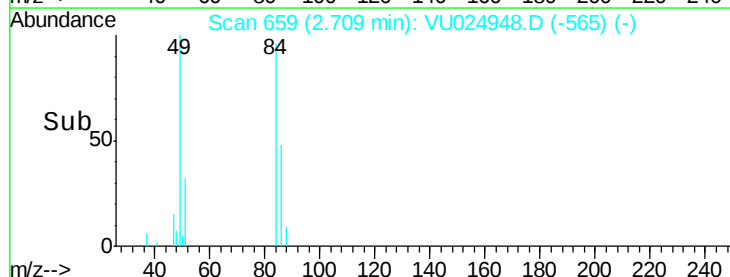
3000

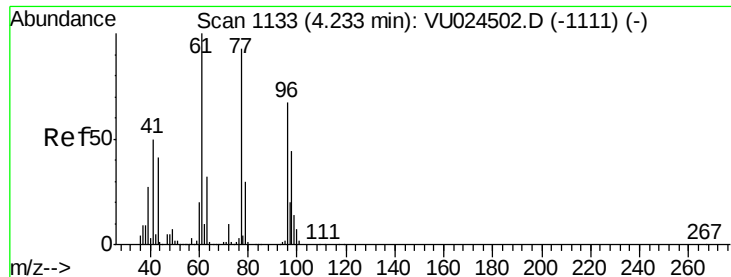
2000

1000

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 2.21 ug/l

RT: 4.23 min Scan# 1133

Delta R.T. -0.00 min

Lab File: VU024948.D

Acq: 27 Jun 2018 02:46

Instrument :

MSVOA_U

ClientSampleId :

WP021SB471-31-33-180619ME

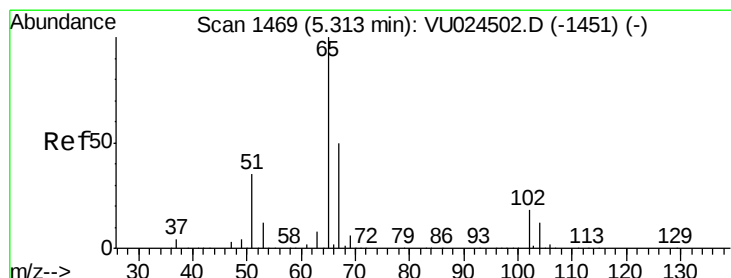
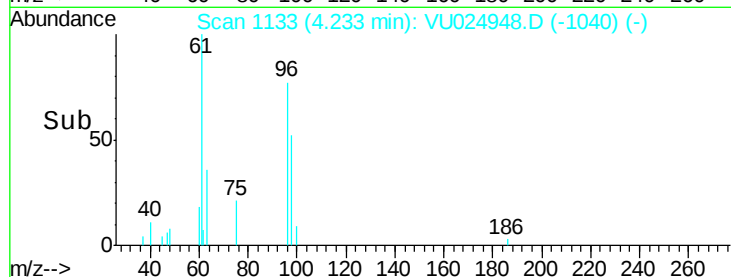
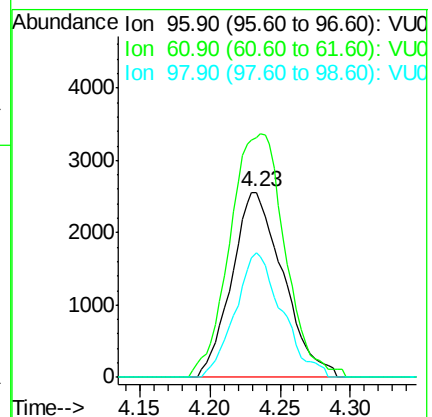
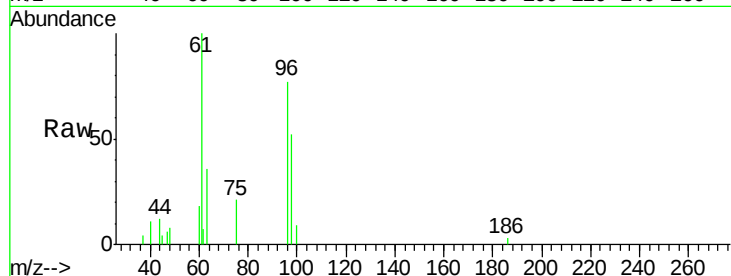
Tot Ion: 96 Resp: 6525

Ion Ratio Lower Upper

96 100

61 141.0 0.0 306.6

98 61.2 0.0 128.8



#33

1,2-Dichloroethane-d4

Concen: 46.09 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VU024948.D

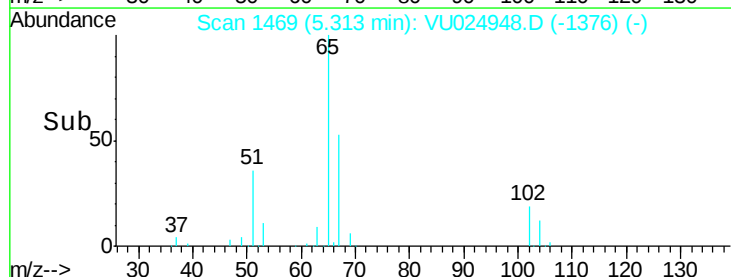
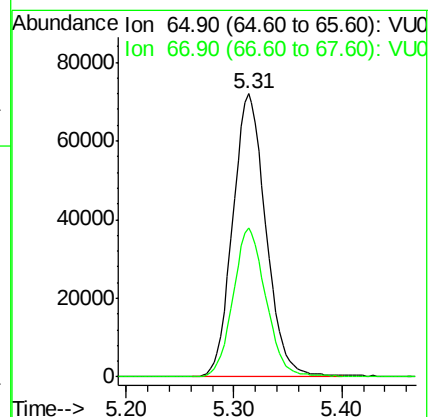
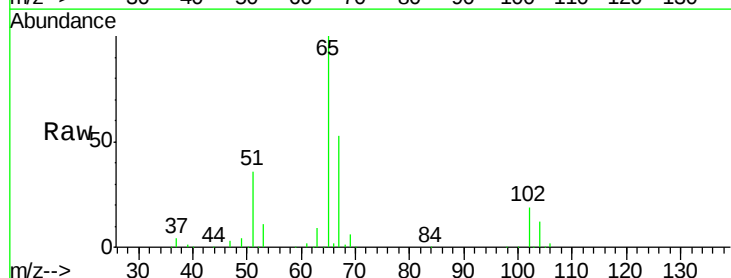
Acq: 27 Jun 2018 02:46

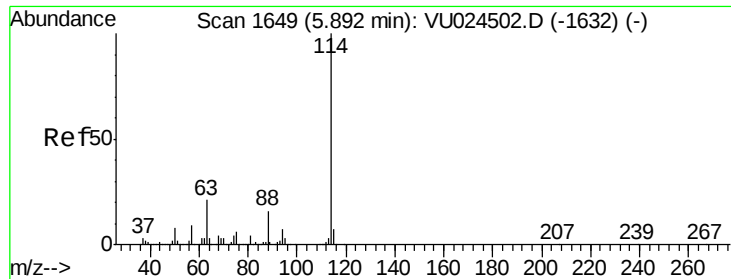
Tgt Ion: 65 Resp: 154006

Ion Ratio Lower Upper

65 100

67 52.1 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: VU024948.D

Acq: 27 Jun 2018 02:46

Instrument :

MSVOA_U

ClientSampleId :

WP021SB471-31-33-180619ME

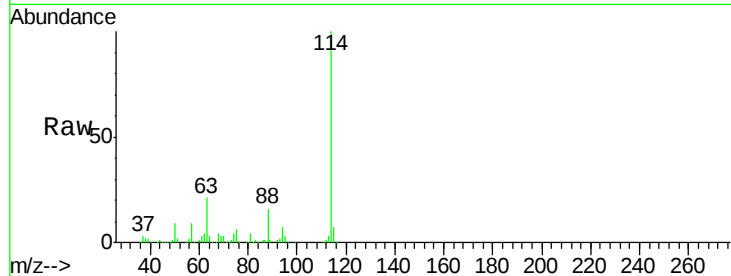
Tot Ion:114 Resp: 308929

Ion Ratio Lower Upper

114 100

63 21.2 0.0 45.4

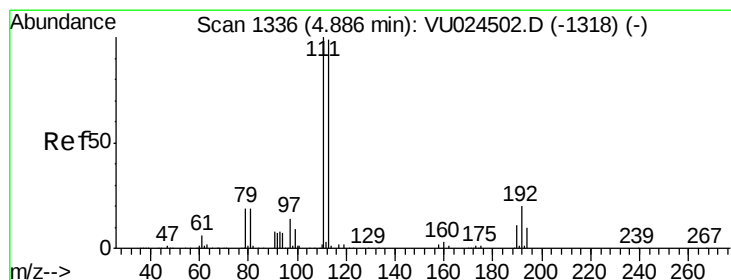
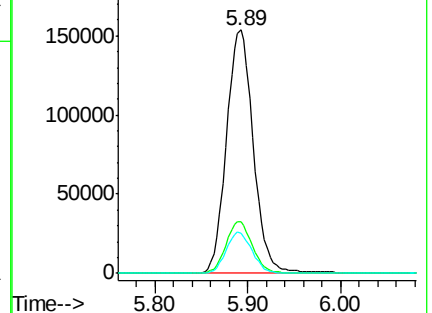
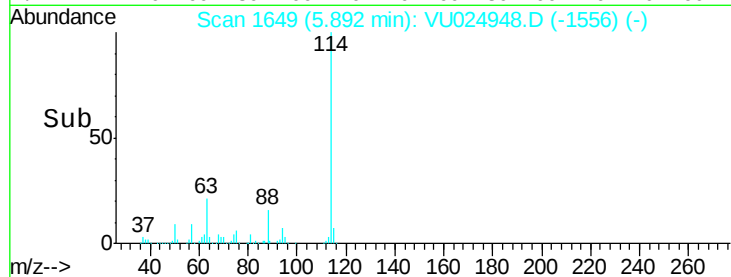
88 16.4 0.0 31.0



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: 47.23 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU024948.D

Acq: 27 Jun 2018 02:46

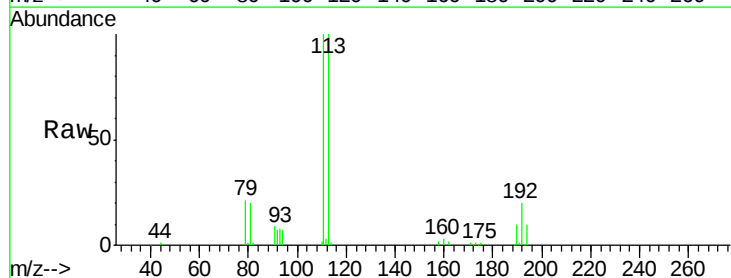
Tgt Ion:113 Resp: 121081

Ion Ratio Lower Upper

113 100

111 100.6 82.2 123.4

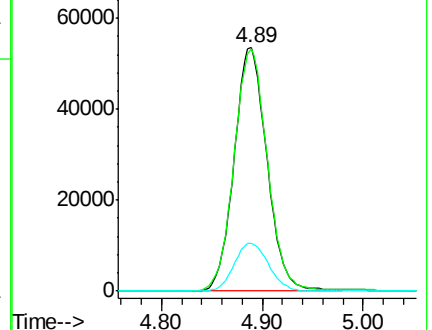
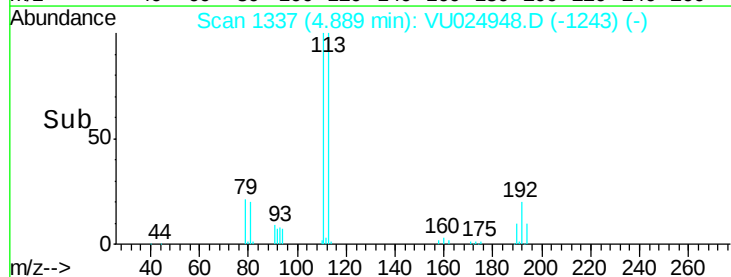
192 20.6 16.2 24.4

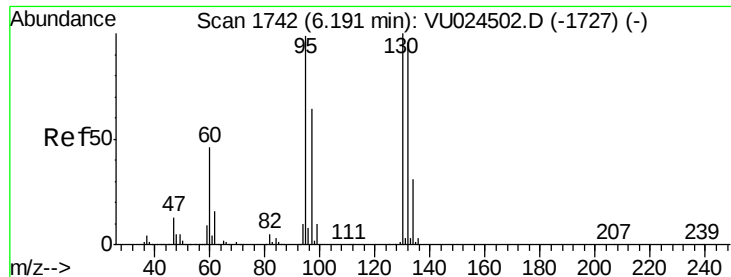


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 77.27 ug/l

RT: 6.19 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VU024948.D

Acq: 27 Jun 2018 02:46

Instrument :

MSVOA_U

ClientSampleId :

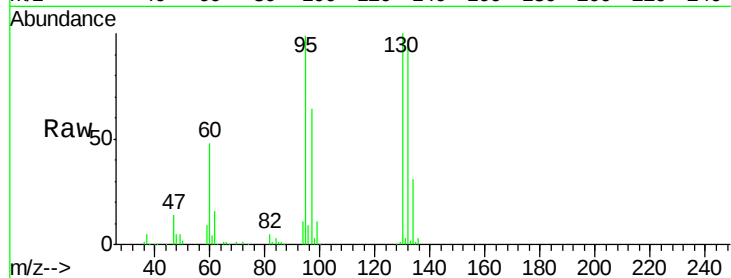
WP021SB471-31-33-180619ME

Tot Ion:130 Resp: 227464

Ion Ratio Lower Upper

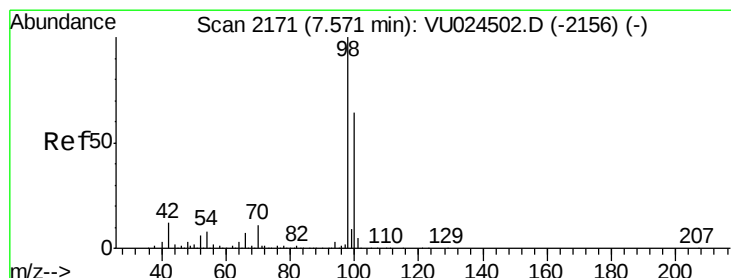
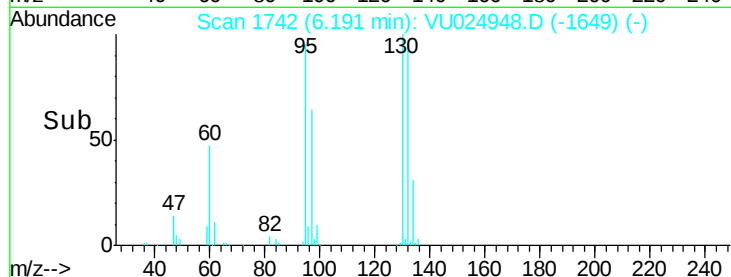
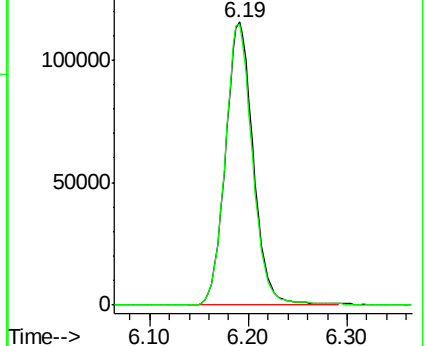
130 100

95 99.1 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: 48.52 ug/l

RT: 7.57 min Scan# 2171

Delta R.T. -0.00 min

Lab File: VU024948.D

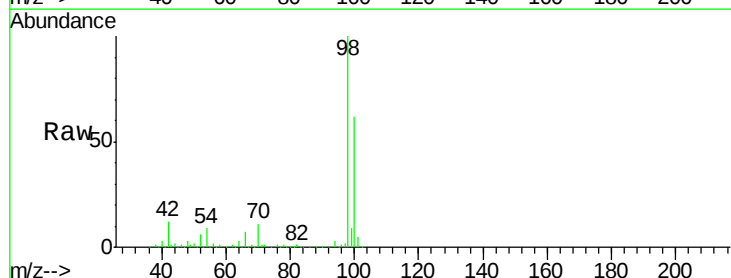
Acq: 27 Jun 2018 02:46

Tgt Ion: 98 Resp: 453721

Ion Ratio Lower Upper

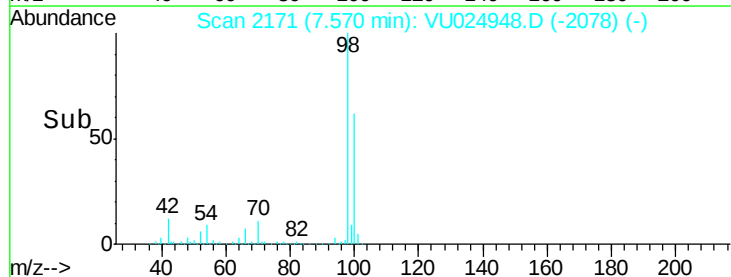
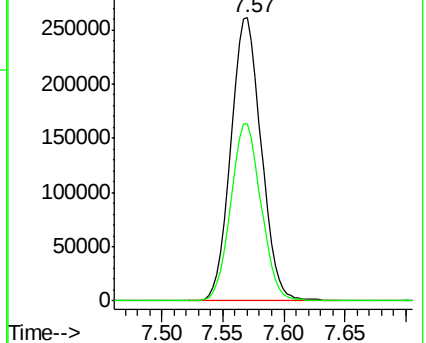
98 100

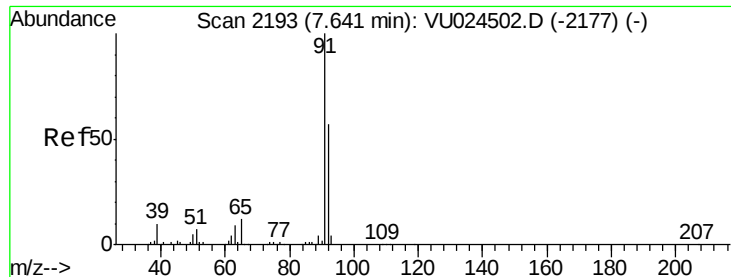
100 62.5 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU0





#52

Toluene

Concen: 1.37 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VU024948.D

Acq: 27 Jun 2018 02:46

Instrument :

MSVOA_U

ClientSampleId :

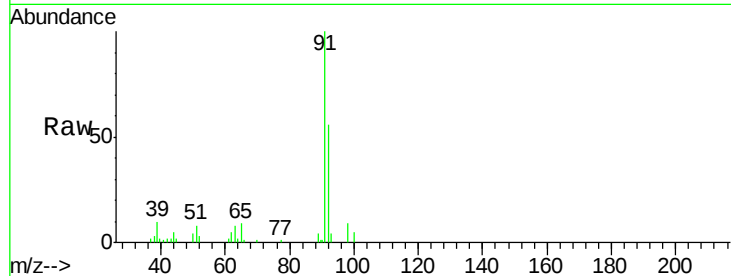
WP021SB471-31-33-180619ME

Tot Ion: 92 Resp: 9105

Ion Ratio Lower Upper

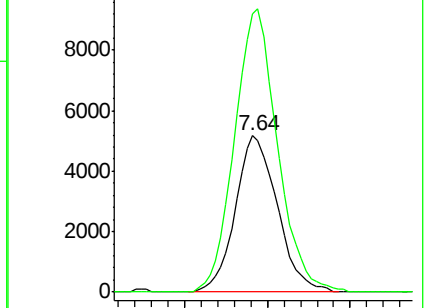
92 100

91 184.7 140.5 210.7

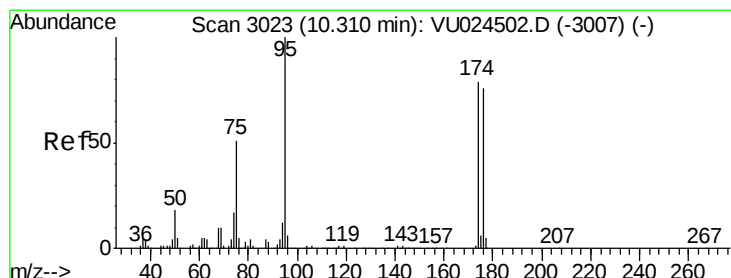
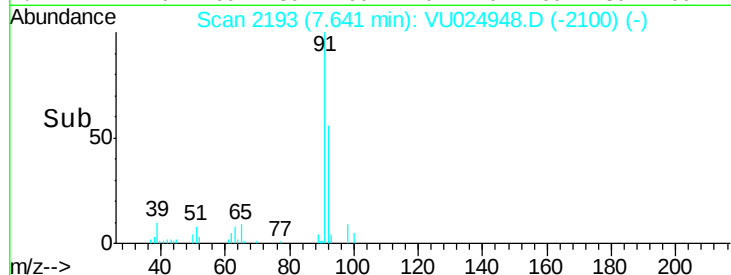


Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0



Time-->



#62

4-Bromofluorobenzene

Concen: 45.42 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.00 min

Lab File: VU024948.D

Acq: 27 Jun 2018 02:46

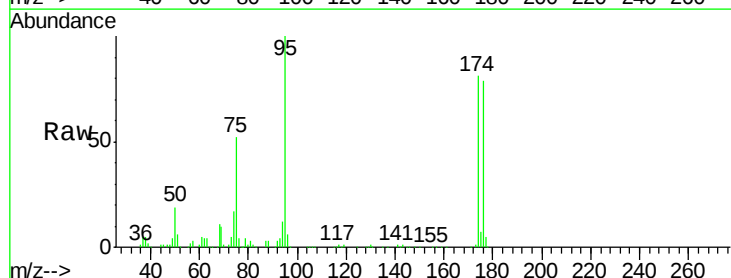
Tgt Ion: 95 Resp: 168656

Ion Ratio Lower Upper

95 100

174 83.5 0.0 165.8

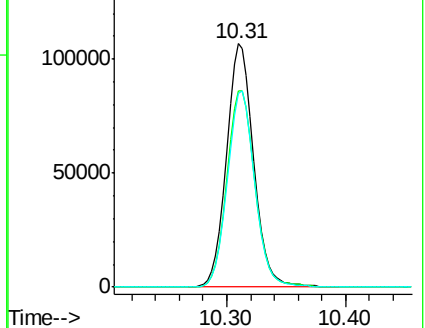
176 81.5 0.0 159.4



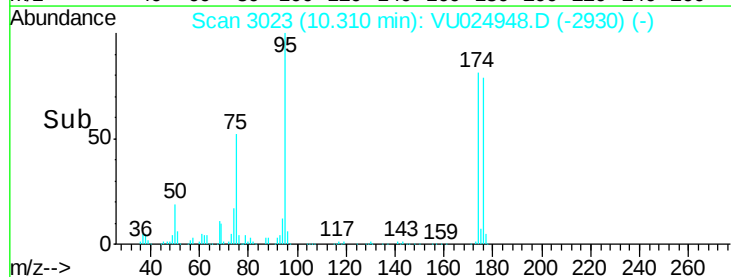
Abundance Ion 94.90 (94.60 to 95.60): VU0

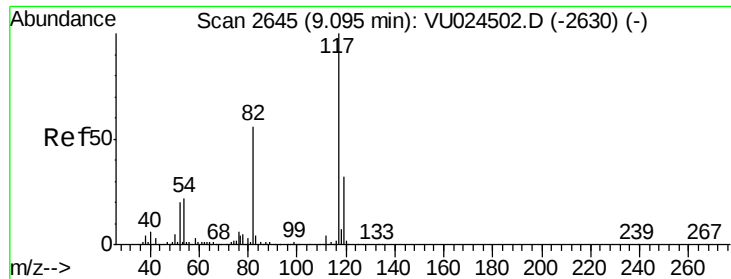
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->

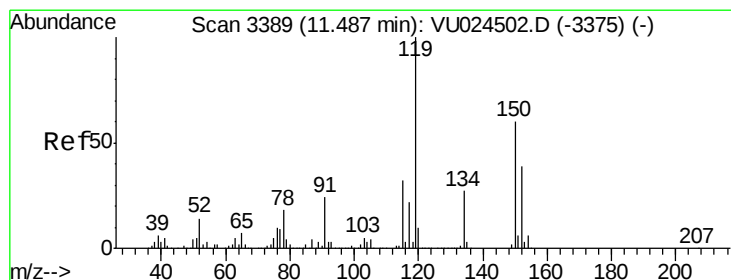
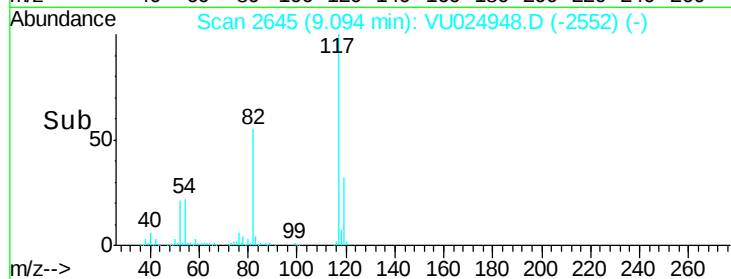
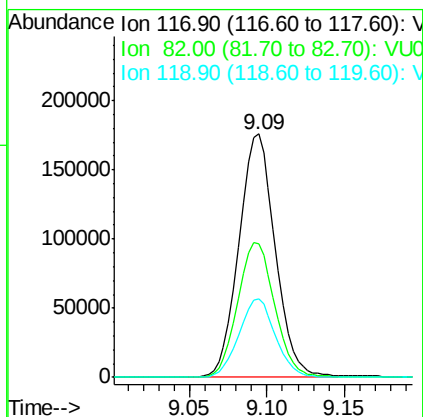
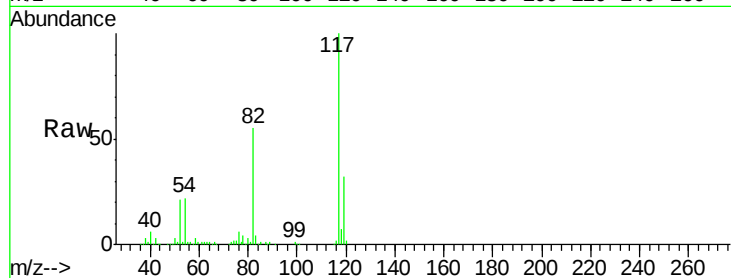




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. -0.00 min
Lab File: VU024948.D
Acq: 27 Jun 2018 02:46

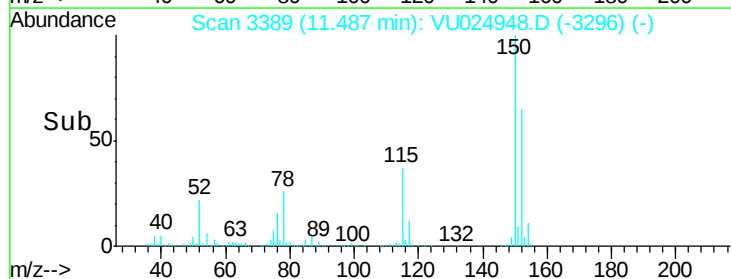
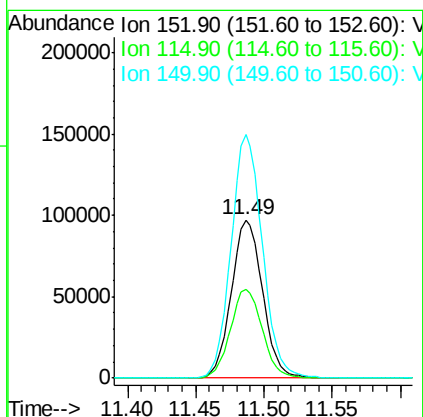
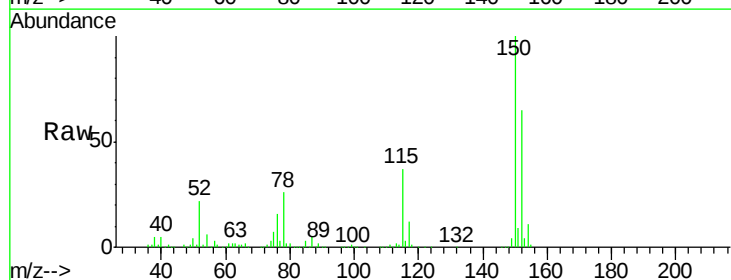
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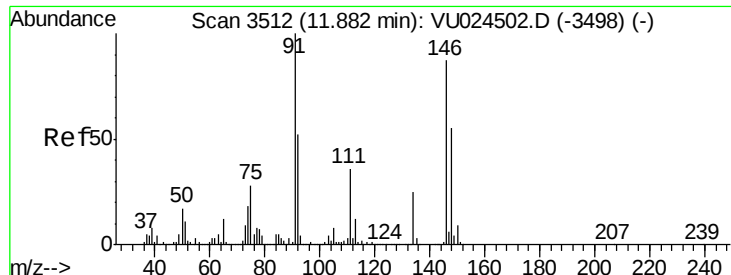
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.1	44.3	66.5
119	32.3	25.4	38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. -0.00 min
Lab File: VU024948.D
Acq: 27 Jun 2018 02:46

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.6	43.0	129.0
150	154.3	0.0	354.0





#91
 1,2-Dichlorobenzene
 Concen: 0.57 ug/l
 RT: 11.89 min Scan# 3514
 Delta R.T. 0.01 min
 Lab File: VU024948.D
 Acq: 27 Jun 2018 02:46

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB471-31-33-180619ME

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.2	20.5	61.6
148	57.5	31.9	95.7

