

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100818\
 Data File : VX005129.D
 Acq On : 08 Oct 2018 16:02
 Operator : JC/MD
 Sample : J5189-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT-101D1-20180928

Quant Time: Oct 09 12:58:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	189050	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	291743	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	292554	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	159279	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	142578	52.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.60%	
35) Dibromofluoromethane	5.50	113	122129	49.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.78%	
50) Toluene-d8	8.72	98	430310	52.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.70%	
62) 4-Bromofluorobenzene	11.14	95	150334	50.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.54%	

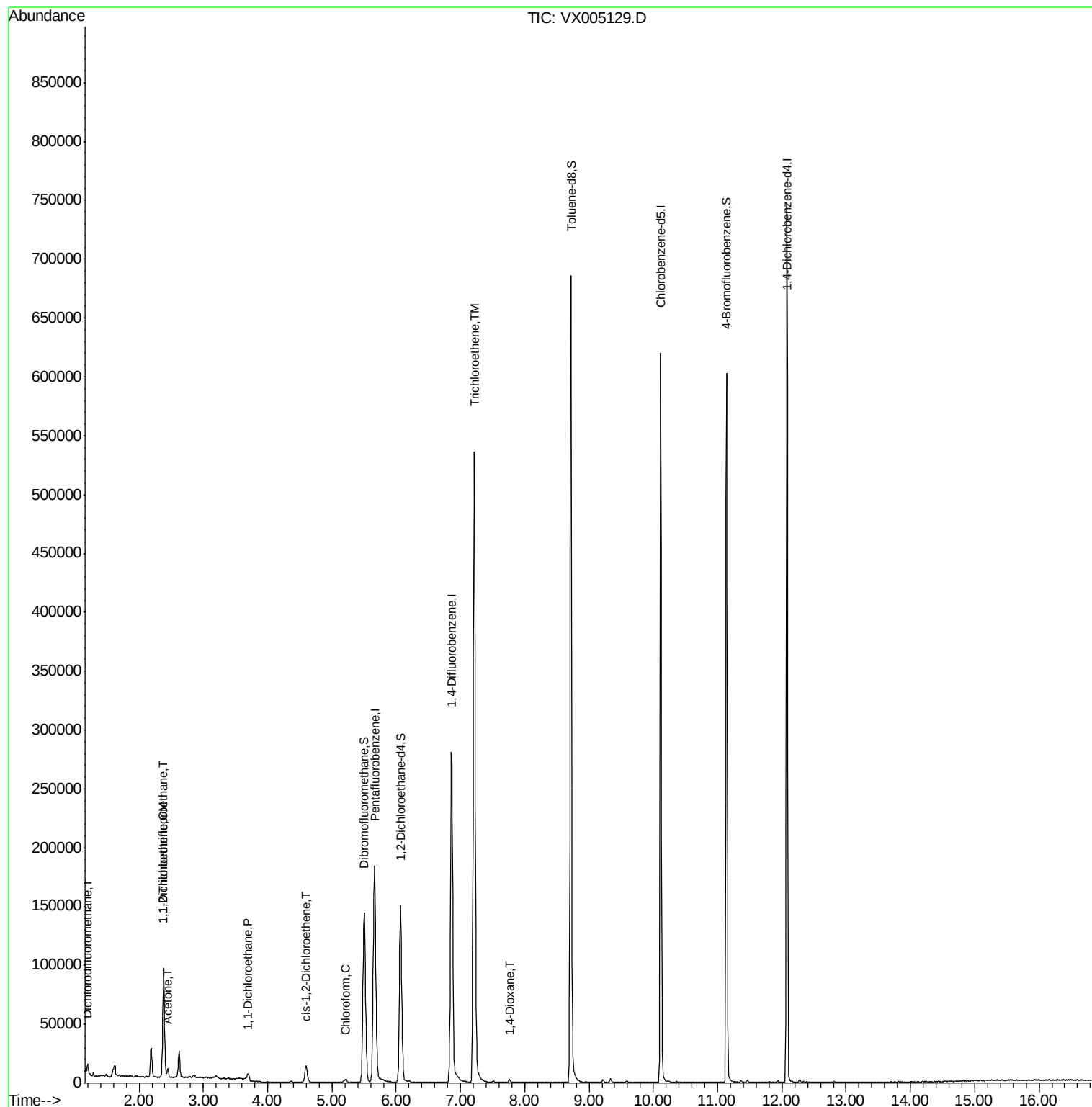
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	4026	1.56	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	31005	14.99	ug/l	98
12) 1,1-Dichloroethene	2.37	96	7139	3.49	ug/l	95
16) Acetone	2.45	43	6597	4.18	ug/l	96
24) 1,1-Dichloroethane	3.69	63	4594	1.02	ug/l #	89
27) cis-1,2-Dichloroethene	4.60	96	8883	3.55	ug/l	97
30) Chloroform	5.22	83	2441	0.58	ug/l	94
44) Trichloroethene	7.21	130	219835	84.67	ug/l	97
49) 1,4-Dioxane	7.77	88	1392	19.10	ug/l #	74

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005129.D

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MSVOA_X

ClientSampleId :

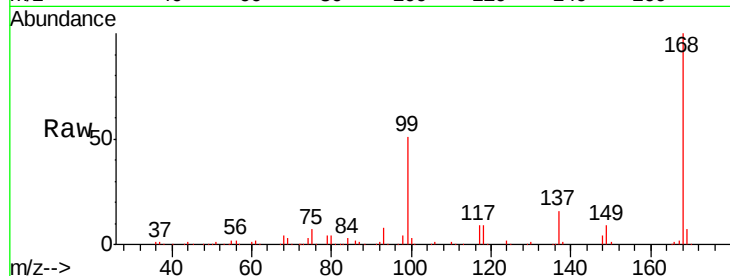
TT-101D1-20180928

Tgt Ion:168 Resp: 189050

Ion Ratio Lower Upper

168 100

99 50.7 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

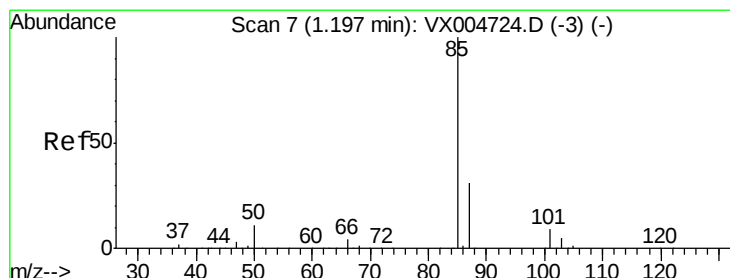
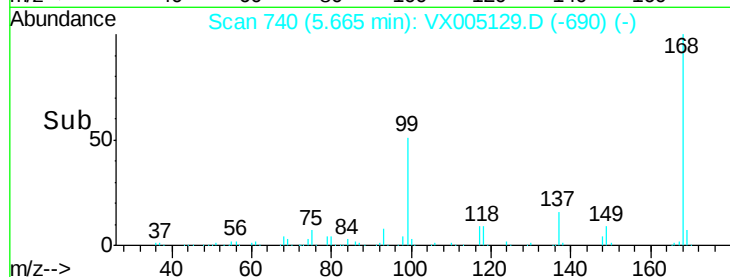
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 1.56 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005129.D

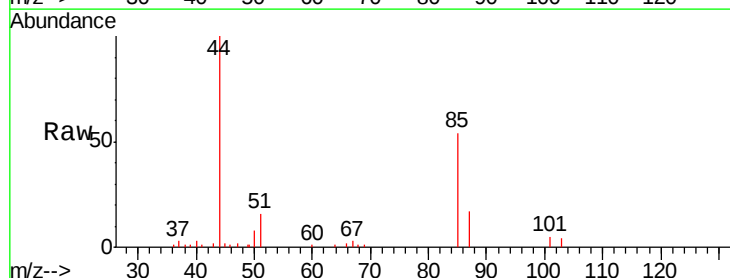
Acq: 08 Oct 2018 16:02

Tgt Ion: 85 Resp: 4026

Ion Ratio Lower Upper

85 100

87 31.8 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

4000

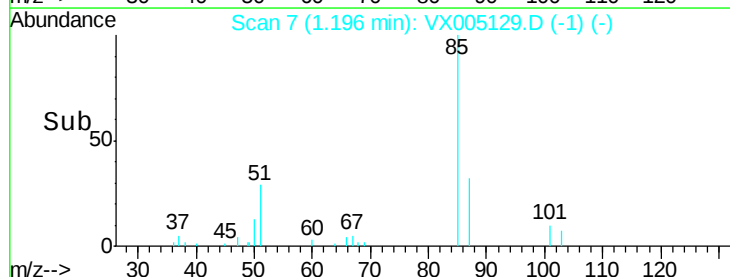
3000

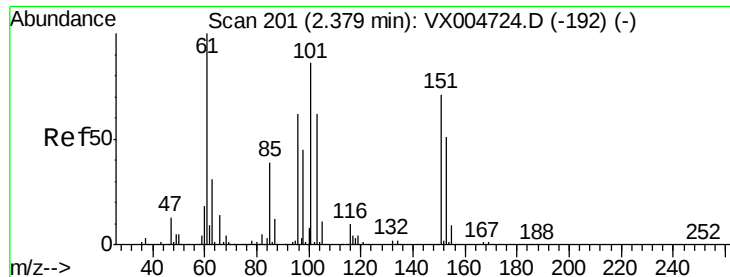
2000

1000

0

Time--> 1.15 1.20 1.25





#9

1,1,2-Trichlorotrifluoroethane

Concen: 14.99 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX005129.D

Acq: 08 Oct 2018 16:02

Instrument :

MSVOA_X

ClientSampleId :

TT-101D1-20180928

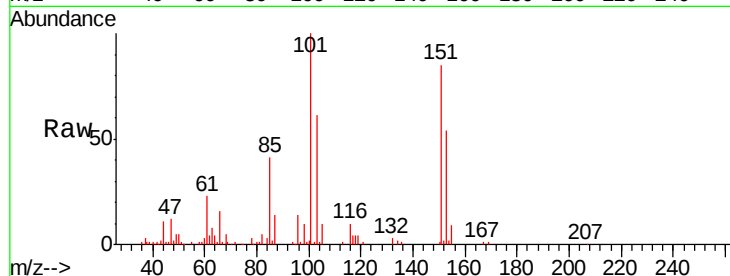
Tgt Ion:101 Resp: 31005

Ion Ratio Lower Upper

101 100

85 43.5 35.9 53.9

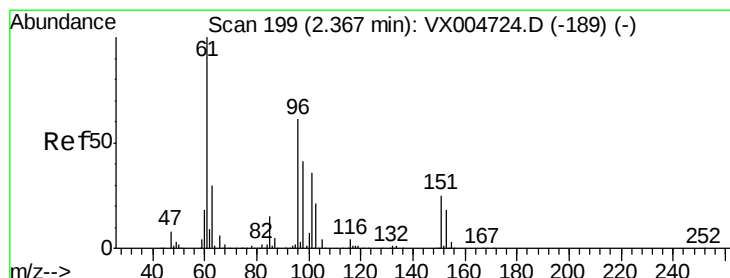
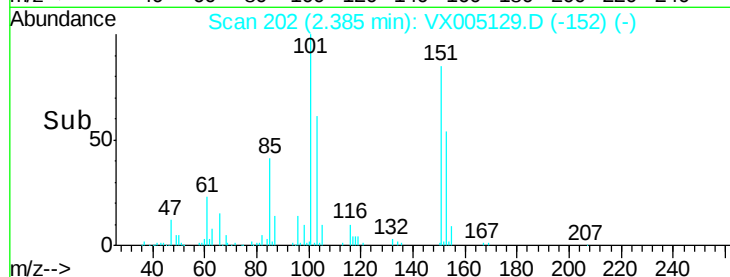
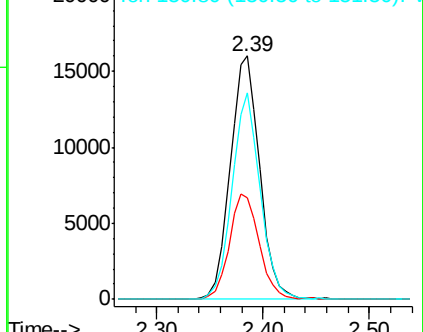
151 81.2 66.6 100.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#12

1,1-Dichloroethene

Concen: 3.49 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.01 min

Lab File: VX005129.D

Acq: 08 Oct 2018 16:02

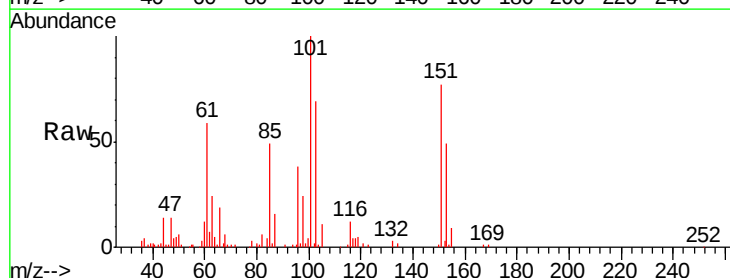
Tgt Ion: 96 Resp: 7139

Ion Ratio Lower Upper

96 100

61 156.4 130.2 195.4

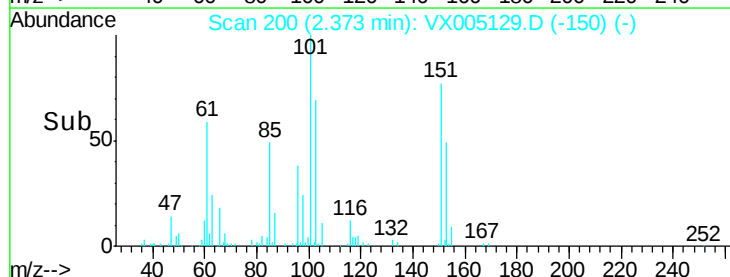
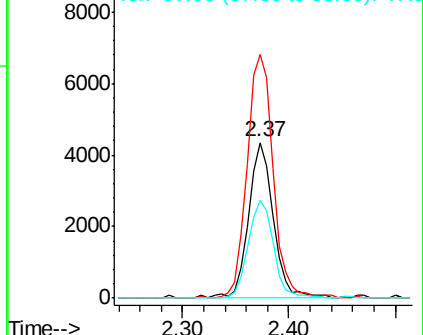
98 62.6 53.4 80.0

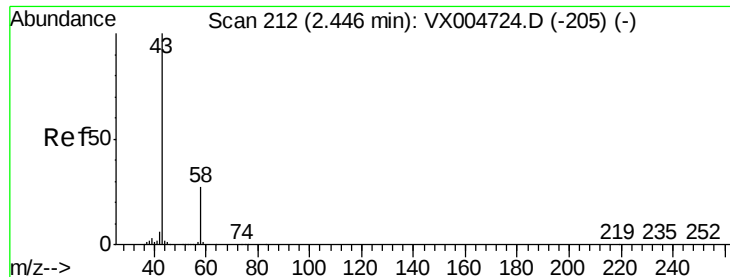


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#16

Acetone

Concen: 4.18 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005129.D

Acq: 08 Oct 2018 16:02

Instrument :

MSVOA_X

ClientSampleId :

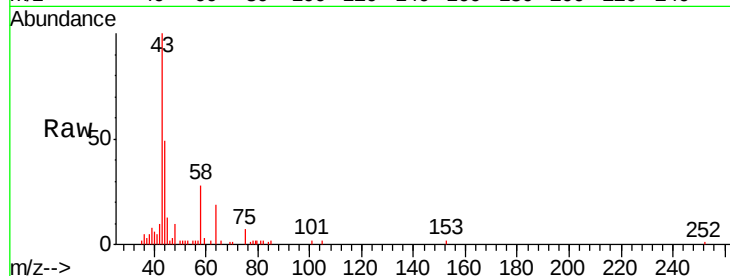
TT-101D1-20180928

Tgt Ion: 43 Resp: 6597

Ion Ratio Lower Upper

43 100

58 29.2 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

4000

3000

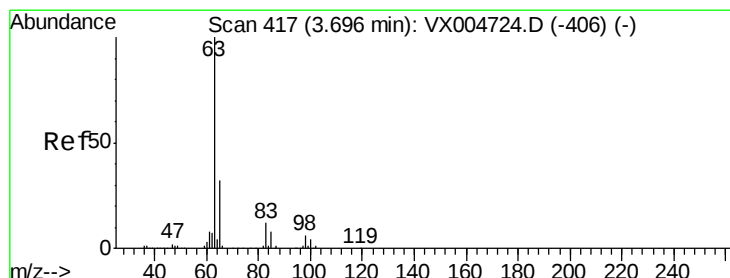
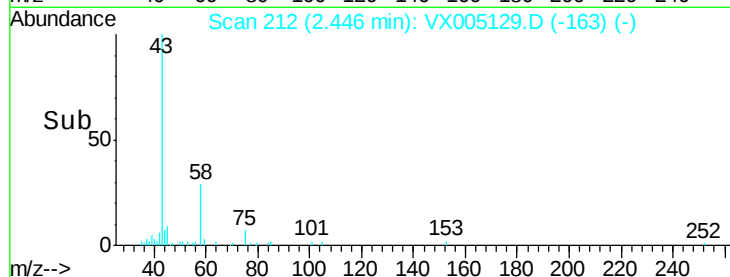
2000

1000

0

Time-->

2.40 2.45 2.50



#24

1,1-Dichloroethane

Concen: 1.02 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX005129.D

Acq: 08 Oct 2018 16:02

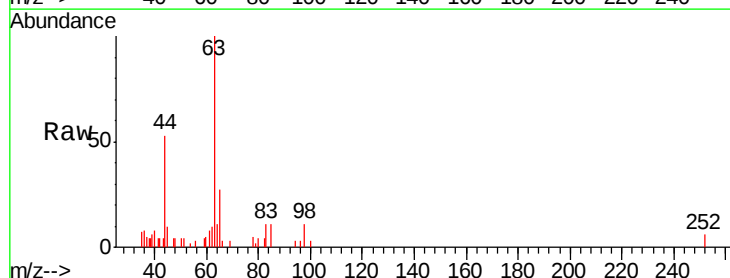
Tgt Ion: 63 Resp: 4594

Ion Ratio Lower Upper

63 100

98 11.4 3.0 9.2#

100 2.7 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

2500

2000

1500

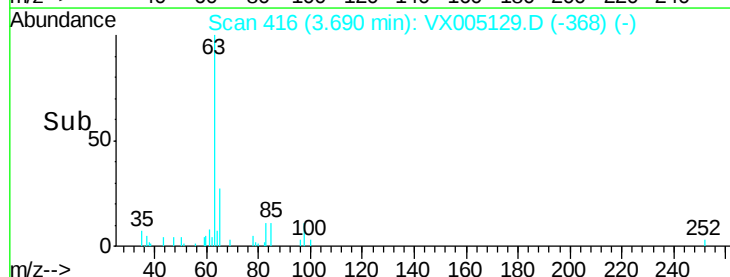
1000

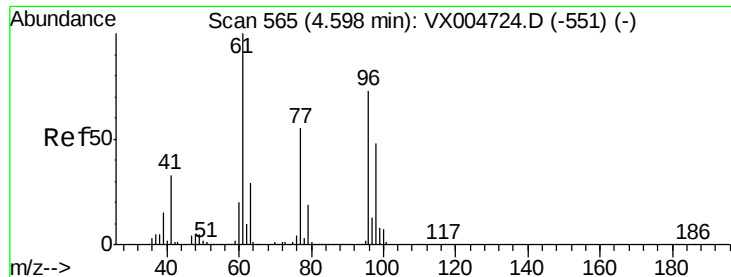
500

0

Time-->

3.60 3.65 3.70 3.75 3.80





#27

cis-1,2-Dichloroethene

Concen: 3.55 ug/l

RT: 4.60 min Scan# 566

Delta R.T. 0.01 min

Lab File: VX005129.D

Acq: 08 Oct 2018 16:02

Instrument :

MSVOA_X

ClientSampleId :

TT-101D1-20180928

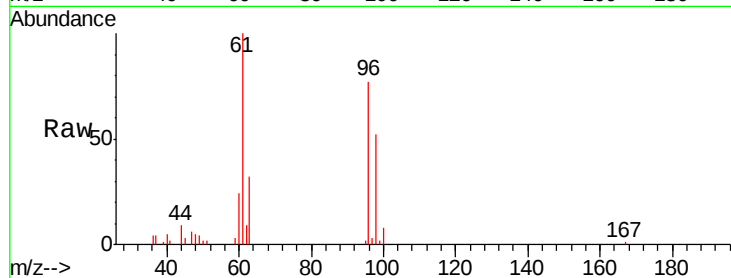
Tgt Ion: 96 Resp: 8883

Ion Ratio Lower Upper

96 100

61 139.8 0.0 285.8

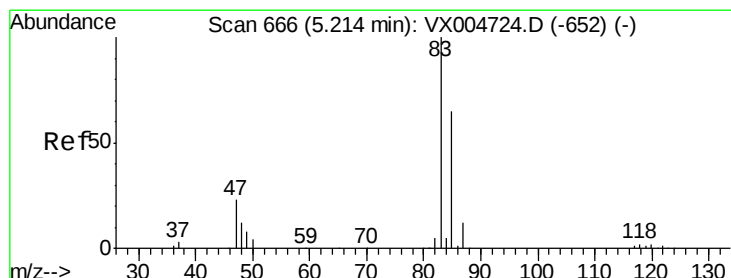
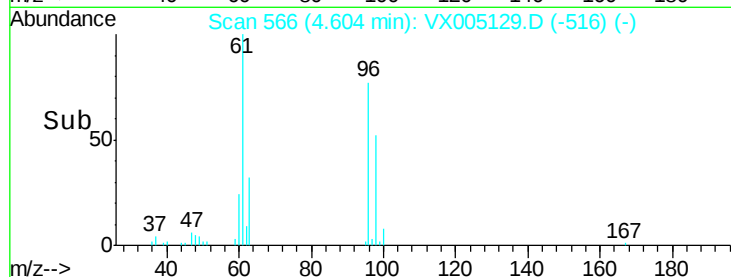
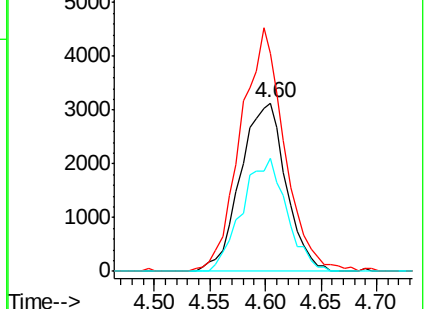
98 65.5 0.0 136.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#30

Chloroform

Concen: 0.58 ug/l

RT: 5.22 min Scan# 667

Delta R.T. 0.01 min

Lab File: VX005129.D

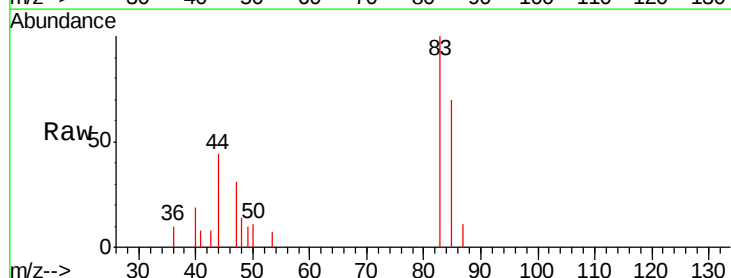
Acq: 08 Oct 2018 16:02

Tgt Ion: 83 Resp: 2441

Ion Ratio Lower Upper

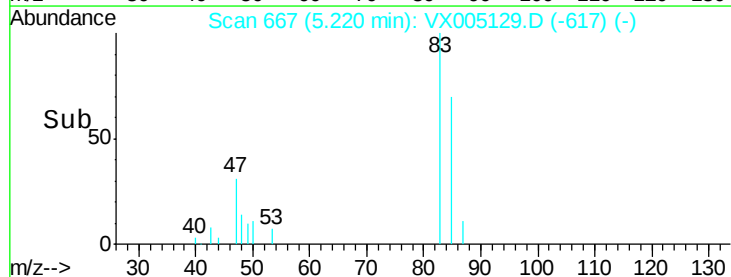
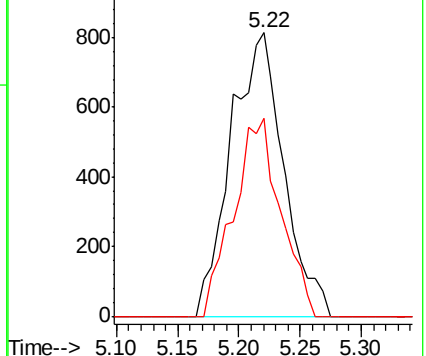
83 100

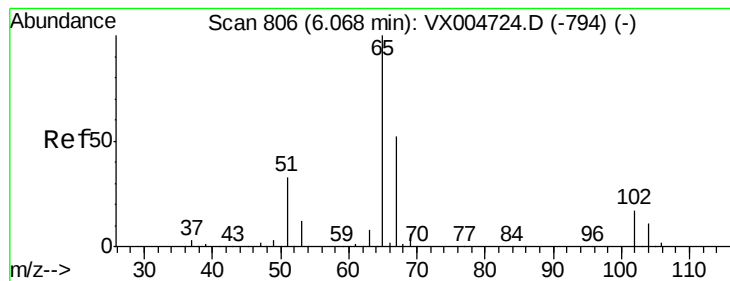
85 70.0 52.4 78.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 52.80 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX005129.D

Acq: 08 Oct 2018 16:02

Instrument :

MSVOA_X

ClientSampleId :

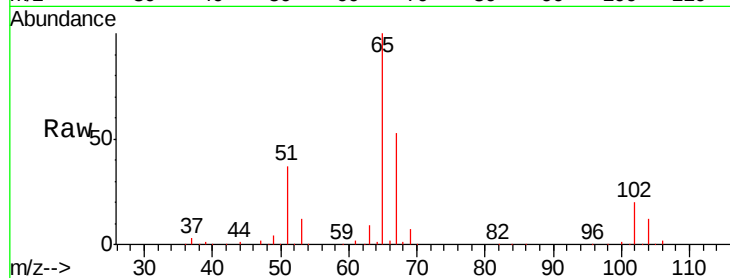
TT-101D1-20180928

Tgt Ion: 65 Resp: 142578

Ion Ratio Lower Upper

65 100

67 53.0 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

60000

50000

40000

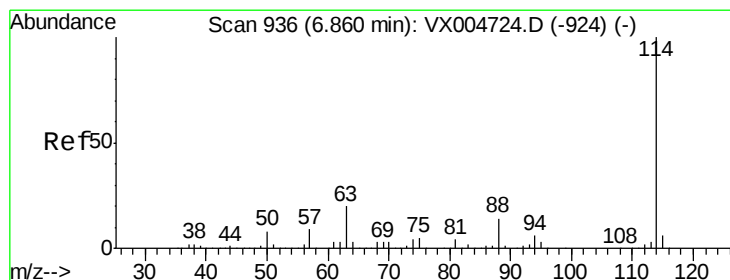
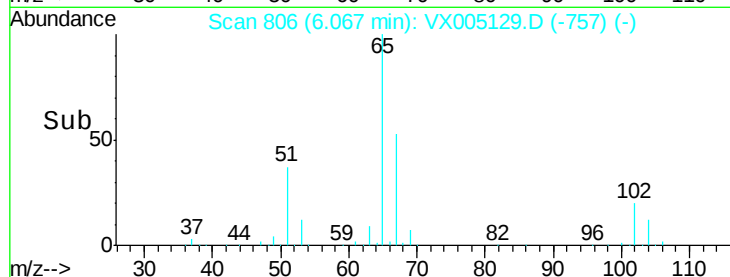
30000

20000

10000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX005129.D

Acq: 08 Oct 2018 16:02

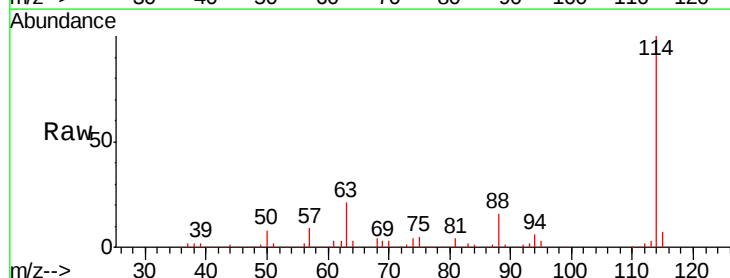
Tgt Ion: 114 Resp: 291743

Ion Ratio Lower Upper

114 100

63 21.2 0.0 39.8

88 15.9 0.0 27.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.86

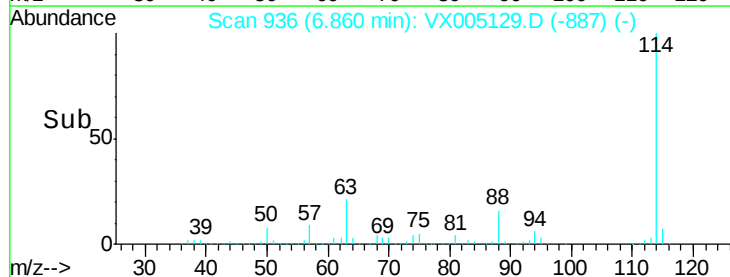
150000

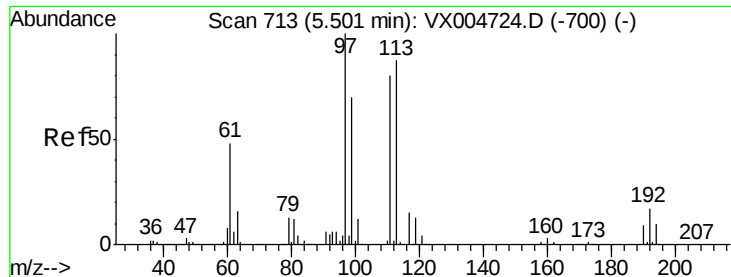
100000

50000

0

Time-->

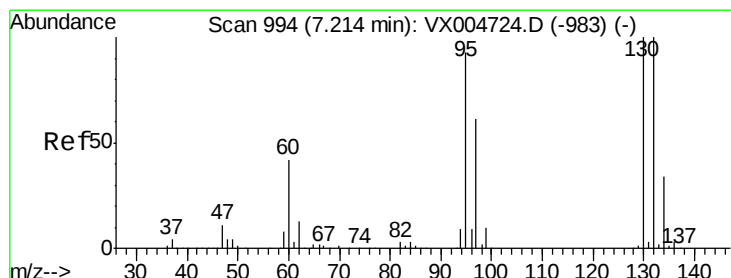
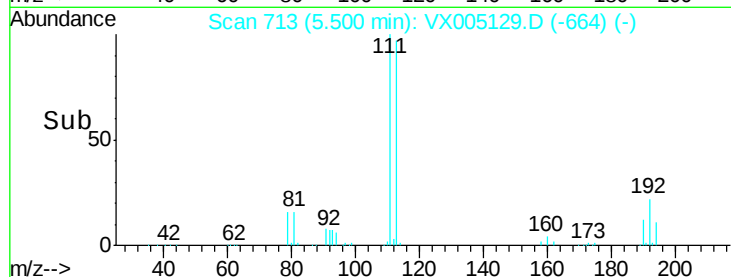
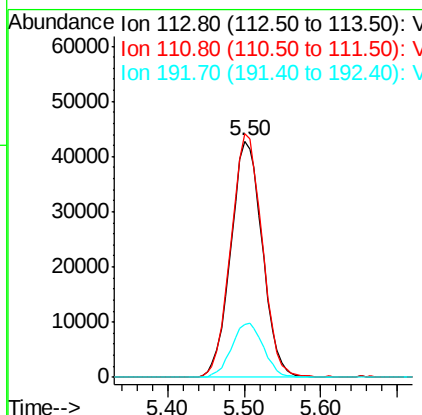
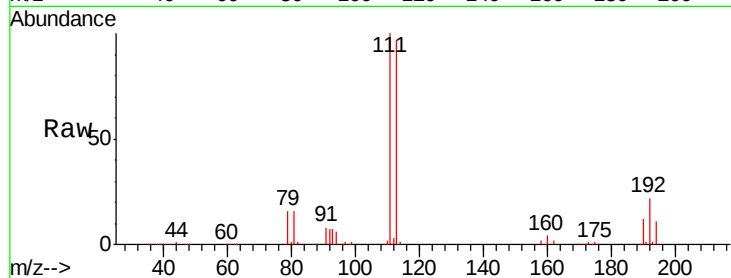




#35
 Dibromofluoromethane
 Concen: 49.39 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX005129.D
 Acq: 08 Oct 2018 16:02

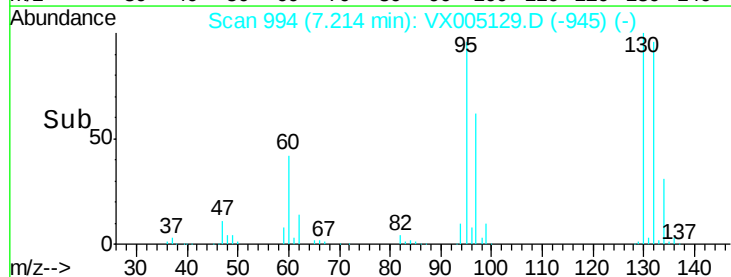
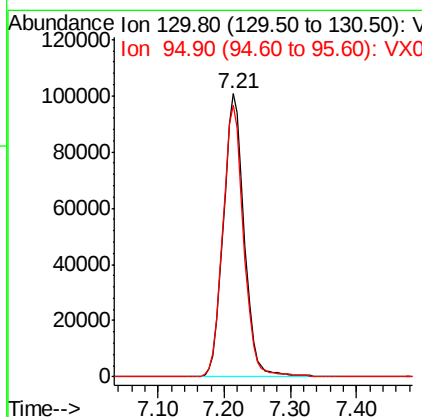
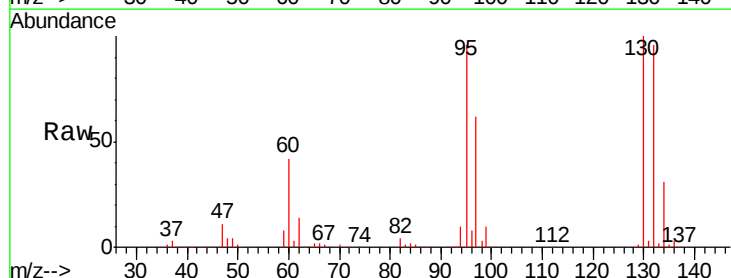
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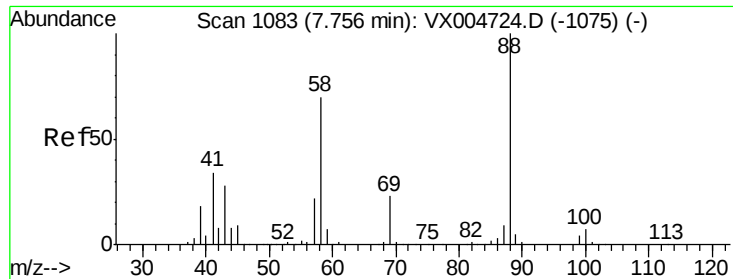
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	77.0	115.4
192	23.2	17.0	25.6



#44
 Trichloroethene
 Concen: 84.67 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX005129.D
 Acq: 08 Oct 2018 16:02

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.1	0.0	186.8

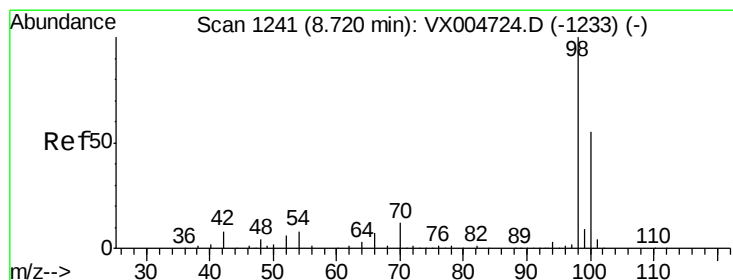
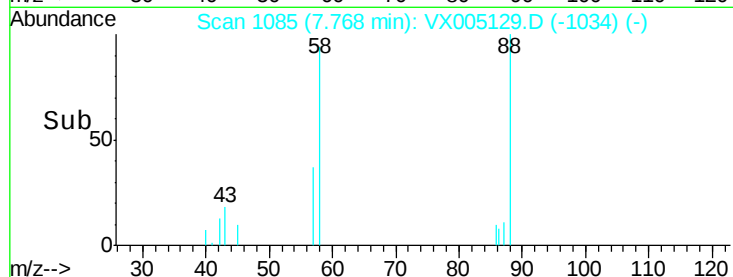
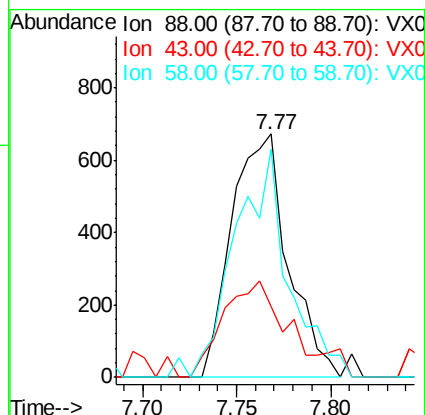
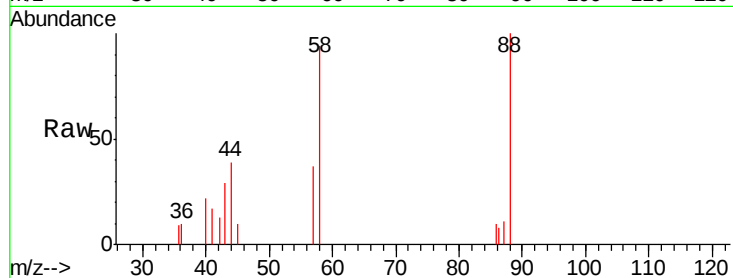




#49
1,4-Dioxane
Concen: 19.10 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. 0.01 min
Lab File: VX005129.D
Acq: 08 Oct 2018 16:02

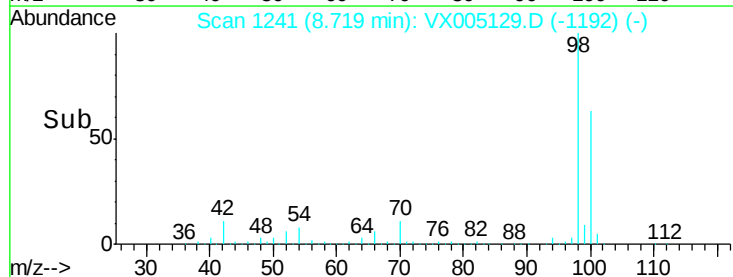
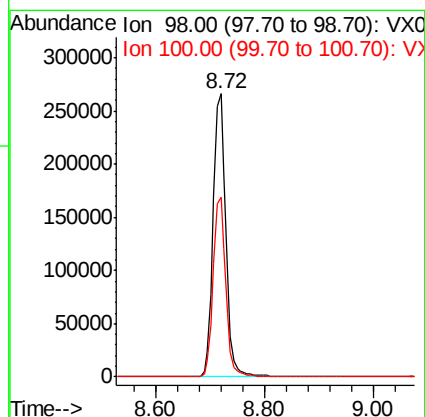
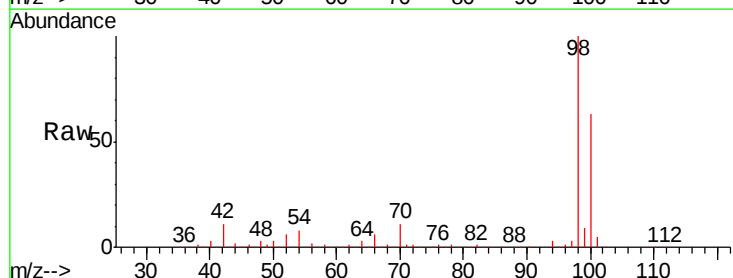
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MSVOA_X
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TT-101D1-20180928

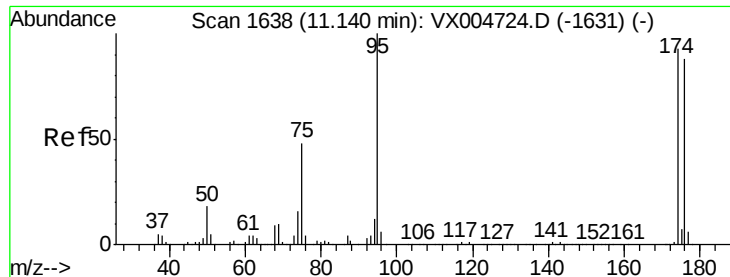
Tgt Ion: 88 Resp: 1392
Ion Ratio Lower Upper
88 100
43 48.0 25.1 37.7#
58 90.1 56.2 84.2#



#50
Toluene-d8
Concen: 52.35 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX005129.D
Acq: 08 Oct 2018 16:02

Tgt Ion: 98 Resp: 430310
Ion Ratio Lower Upper
98 100
100 63.0 51.9 77.9





#62

4-Bromofluorobenzene

Concen: 50.77 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005129.D

Acq: 08 Oct 2018 16:02

Instrument :

MSVOA_X

ClientSampleId :

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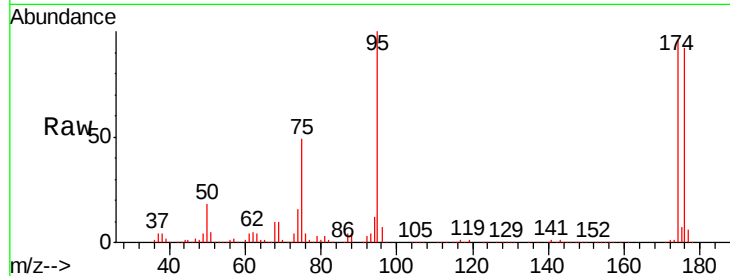
Tgt Ion: 95 Resp: 150334

Ion Ratio Lower Upper

95 100

174 93.2 0.0 185.0

176 90.1 0.0 180.2

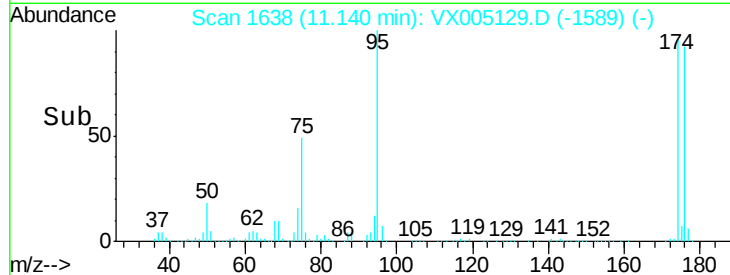


Abundance Ion 94.90 (94.60 to 95.60): VX005129.D (-1589) (-)

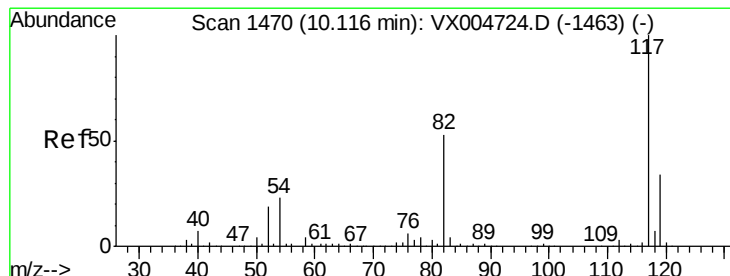
Ion 173.80 (173.50 to 174.50): VX005129.D (-1589) (-)

Ion 175.80 (175.50 to 176.50): VX005129.D (-1589) (-)

Time-->



Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX005129.D

Acq: 08 Oct 2018 16:02

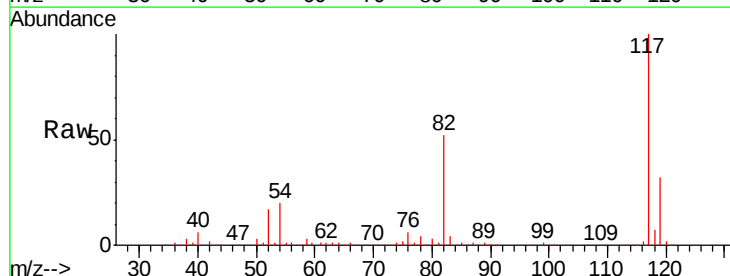
Tgt Ion: 117 Resp: 292554

Ion Ratio Lower Upper

117 100

82 52.2 42.2 63.4

119 32.2 27.4 41.0

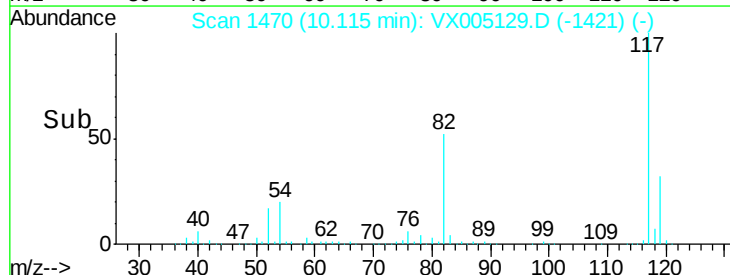


Abundance Ion 116.90 (116.60 to 117.60): VX005129.D (-1421) (-)

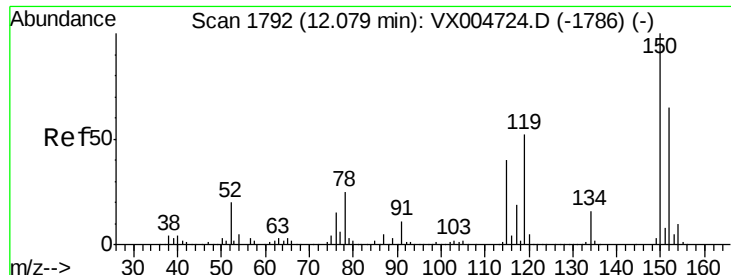
Ion 82.00 (81.70 to 82.70): VX005129.D (-1421) (-)

Ion 118.90 (118.60 to 119.60): VX005129.D (-1421) (-)

Time-->



Time-->



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX005129.D
 Acq: 08 Oct 2018 16:02

Instrument :
 MSVOA_X
 ClientSampleId :
 TT-101D1-20180928

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.2	40.2	120.6
150	156.4	0.0	351.0

