

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091818\
 Data File : VX004668.D
 Acq On : 18 Sep 2018 19:50
 Operator : JC/MD
 Sample : J4948-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RB44766RT

Quant Time: Sep 19 05:04:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	234715	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	352349	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	318000	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	179559	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	133828	44.22	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	88.44%	
35) Dibromofluoromethane	5.50	113	132491	41.09	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	82.18%	
50) Toluene-d8	8.71	98	469092	43.38	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	86.76%	
62) 4-Bromofluorobenzene	11.14	95	170793	44.25	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	88.50%	

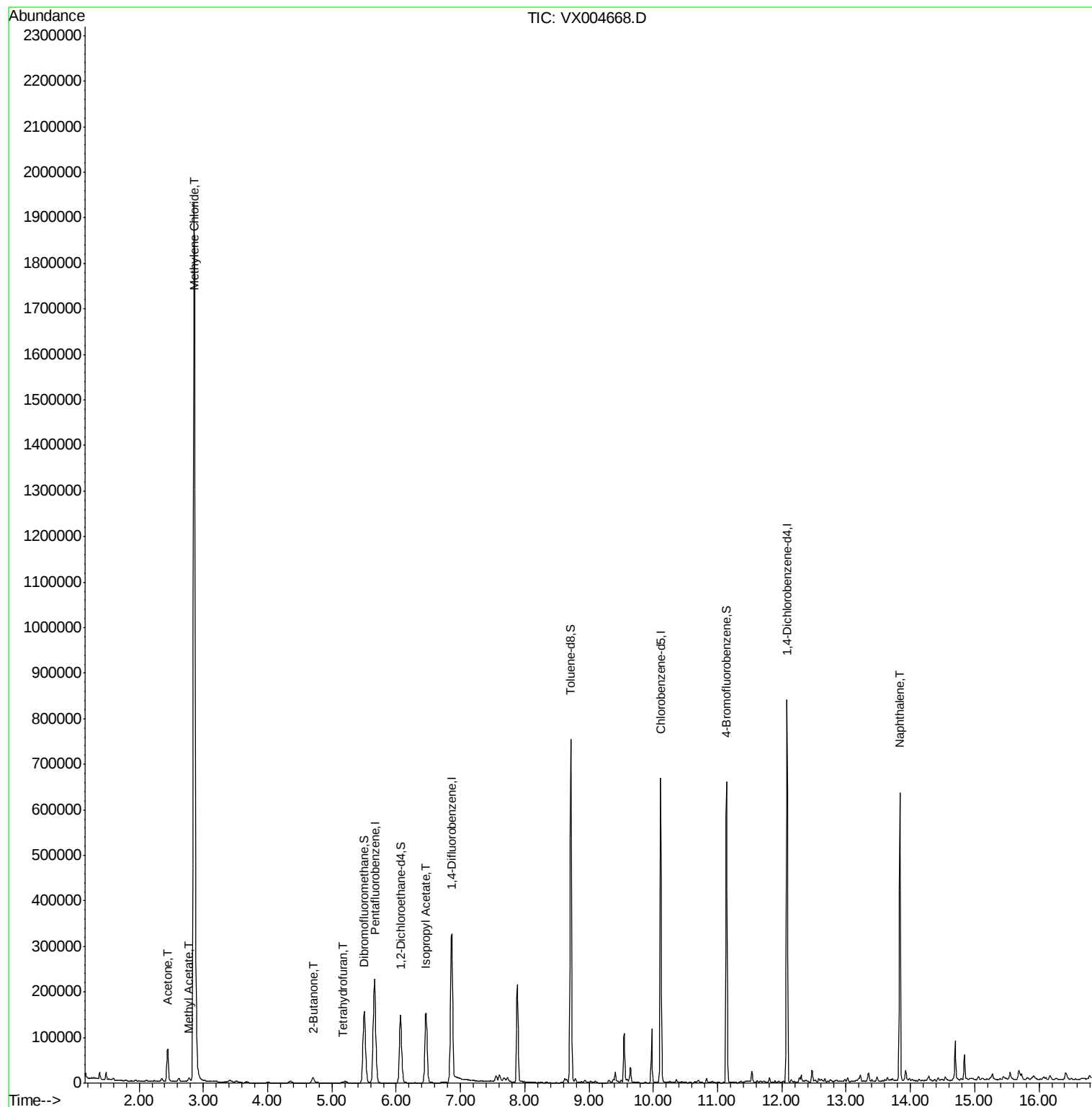
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.44	43	77936	52.76	ug/l	96
18) Methyl Acetate	2.78	43	8003	1.93	ug/l	99
20) Methylene Chloride	2.85	84	952105	314.21	ug/l	98
25) 2-Butanone	4.71	43	21469	9.13	ug/l	99
29) Tetrahydrofuran	5.17	42	2413	1.70	ug/l	93
43) Isopropyl Acetate	6.46	43	201569	31.19	ug/l	99
95) Naphthalene	13.83	128	387024	31.57	ug/l	100

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

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Quant Time: Sep 19 05:04:17 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 12 02:17:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX004668.D

Acq: 18 Sep 2018 19:50

Instrument :

MSVOA_X

ClientSampleId :

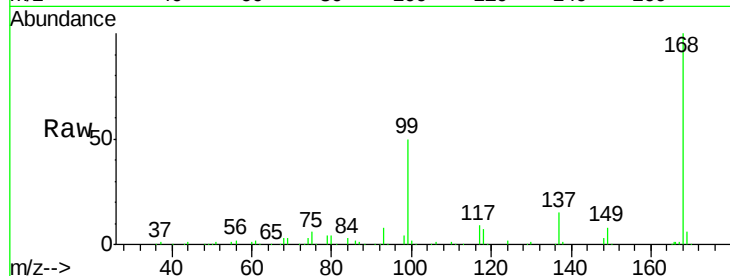
RB44766RT

Tot Ion:168 Resp: 234715

Ion Ratio Lower Upper

168 100

99 49.9 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

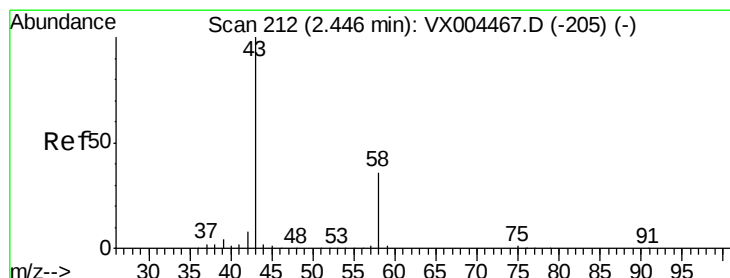
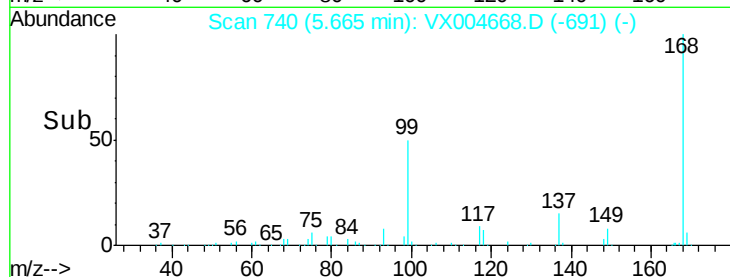
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 52.76 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX004668.D

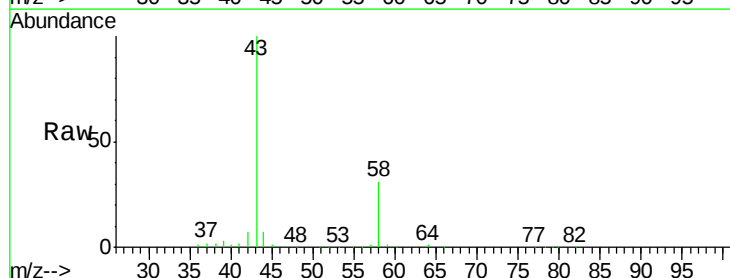
Acq: 18 Sep 2018 19:50

Tgt Ion: 43 Resp: 77936

Ion Ratio Lower Upper

43 100

58 30.8 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

50000

40000

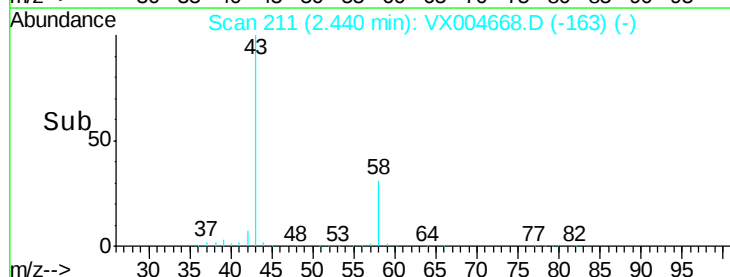
30000

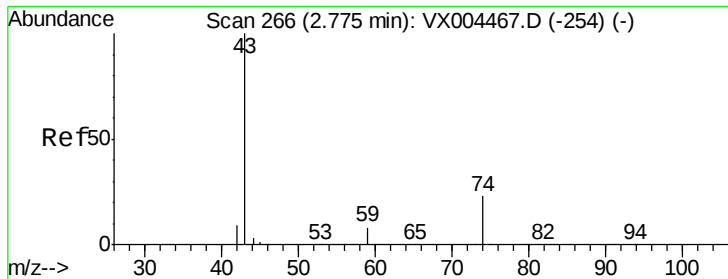
20000

10000

0

Time--> 2.40 2.50 2.60





#18

Methyl Acetate

Concen: 1.93 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX004668.D

Acq: 18 Sep 2018 19:50

Instrument :

MSVOA_X

ClientSampled :

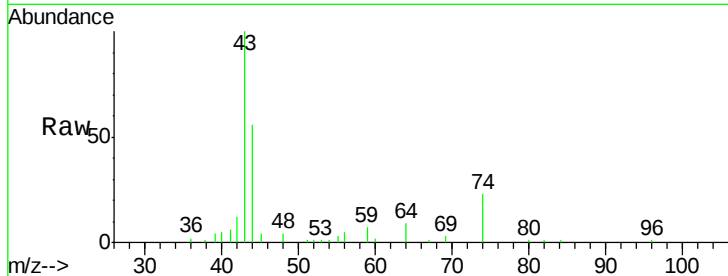
RB44766RT

Tot Ion: 43 Resp: 8003

Ion Ratio Lower Upper

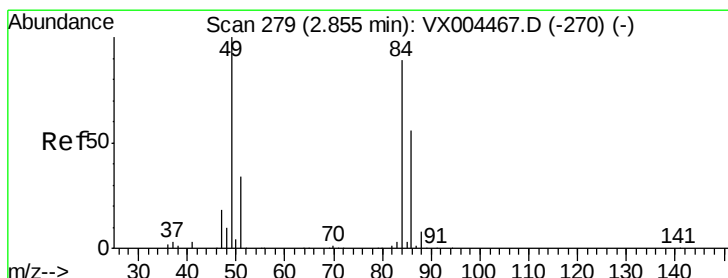
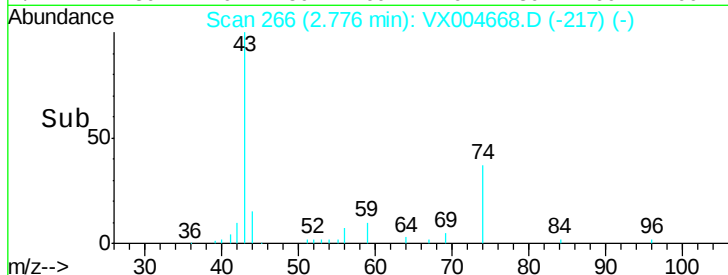
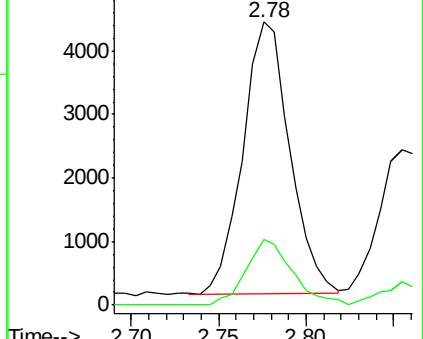
43 100

74 23.7 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



#20

Methylene Chloride

Concen: 314.21 ug/l

RT: 2.85 min Scan# 279

Delta R.T. 0.00 min

Lab File: VX004668.D

Acq: 18 Sep 2018 19:50

Tgt Ion: 84 Resp: 952105

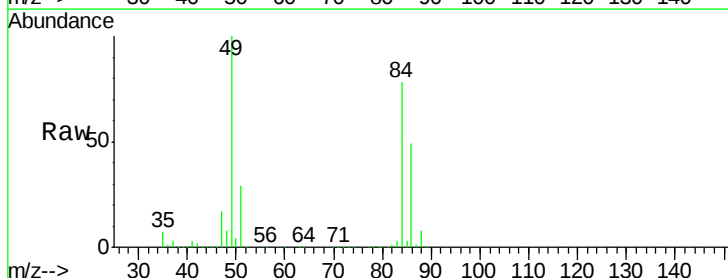
Ion Ratio Lower Upper

84 100

49 127.6 101.2 151.8

51 37.1 29.5 44.3

86 62.9 52.3 78.5

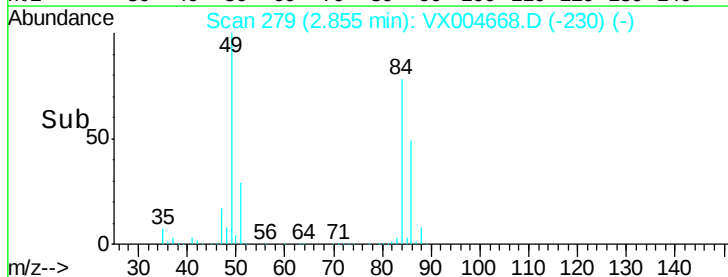
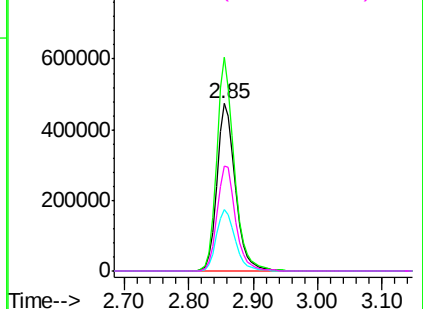


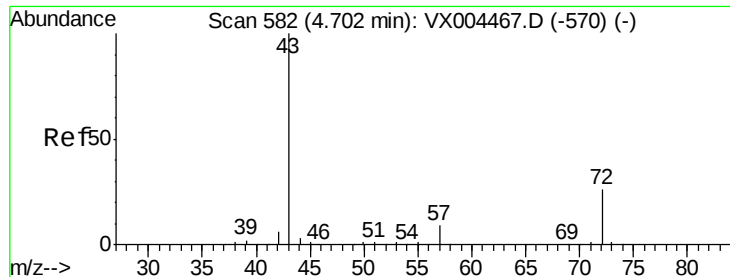
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#25

2-Butanone

Concen: 9.13 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX004668.D

Acq: 18 Sep 2018 19:50

Instrument :

MSVOA_X

ClientSampled :

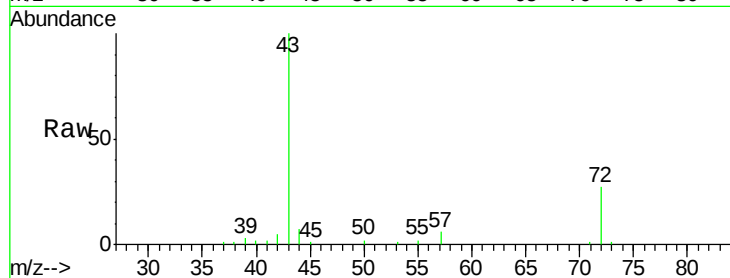
RB44766RT

Tot Ion: 43 Resp: 21469

Ion Ratio Lower Upper

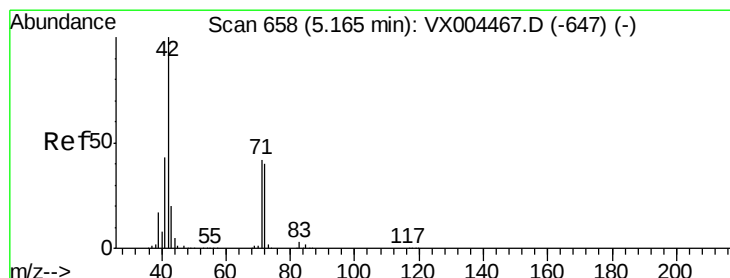
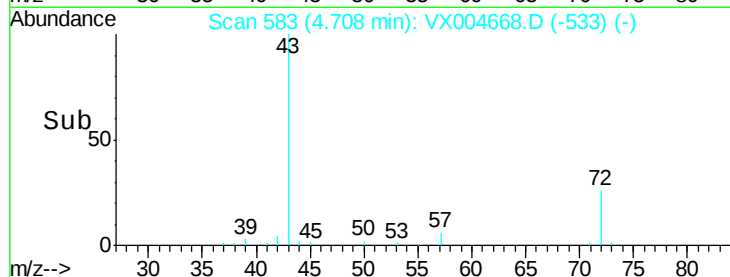
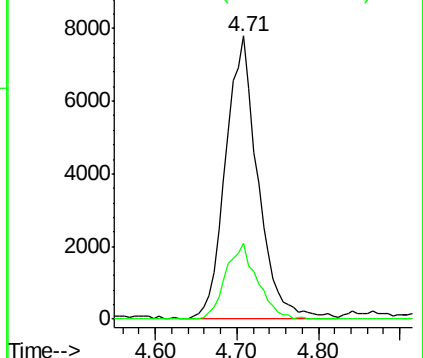
43 100

72 26.8 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#29

Tetrahydrofuran

Concen: 1.70 ug/l

RT: 5.17 min Scan# 658

Delta R.T. 0.00 min

Lab File: VX004668.D

Acq: 18 Sep 2018 19:50

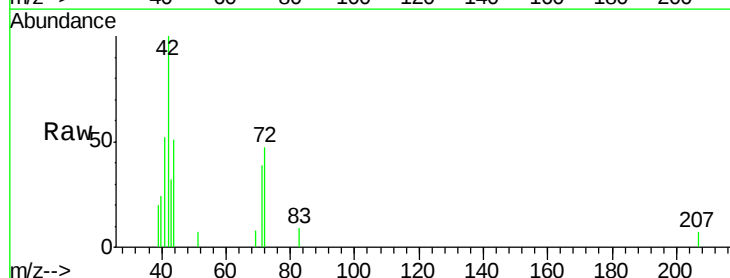
Tgt Ion: 42 Resp: 2413

Ion Ratio Lower Upper

42 100

72 42.1 37.4 56.0

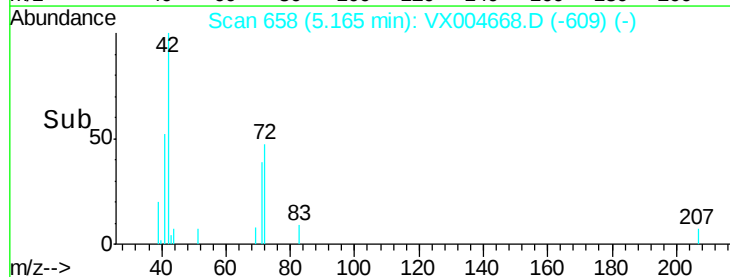
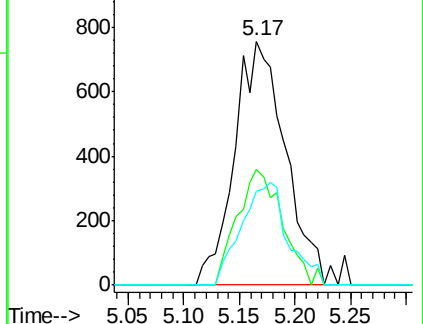
71 38.5 34.5 51.7

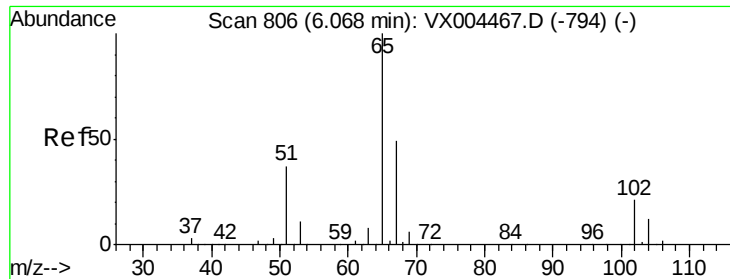


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 44.22 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX004668.D

Acq: 18 Sep 2018 19:50

Instrument :

MSVOA_X

ClientSampled :

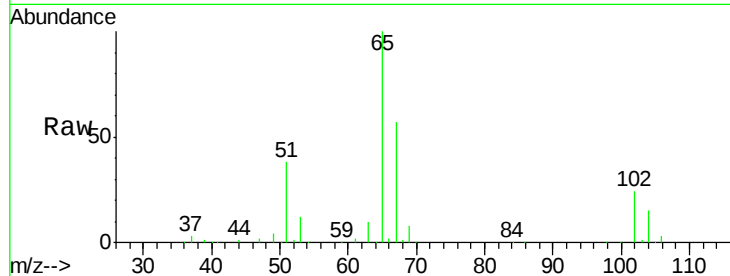
RB44766RT

Tot Ion: 65 Resp: 133828

Ion Ratio Lower Upper

65 100

67 55.9 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

60000

50000

40000

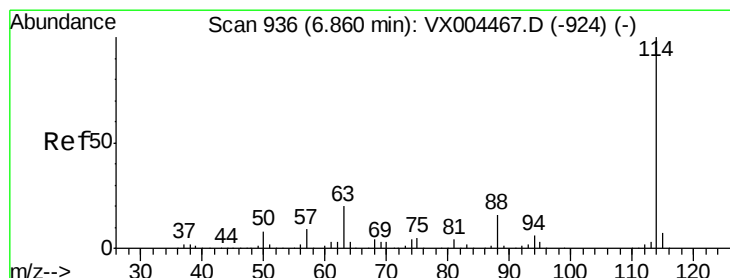
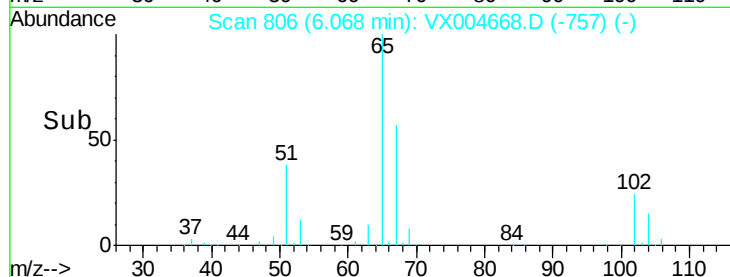
30000

20000

10000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 937

Delta R.T. 0.01 min

Lab File: VX004668.D

Acq: 18 Sep 2018 19:50

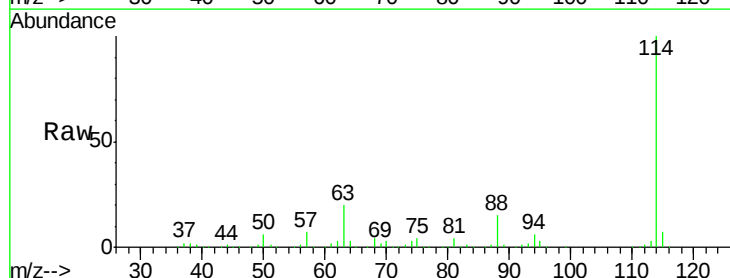
Tgt Ion: 114 Resp: 352349

Ion Ratio Lower Upper

114 100

63 20.4 0.0 39.0

88 15.0 0.0 30.4



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

200000

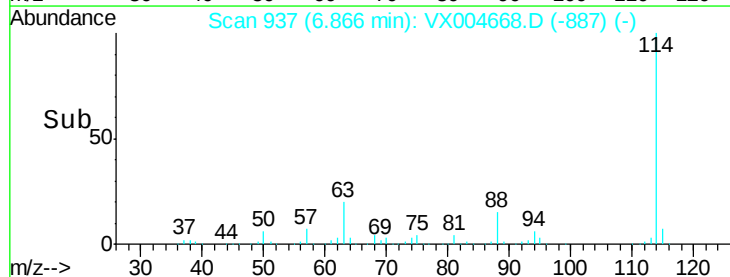
150000

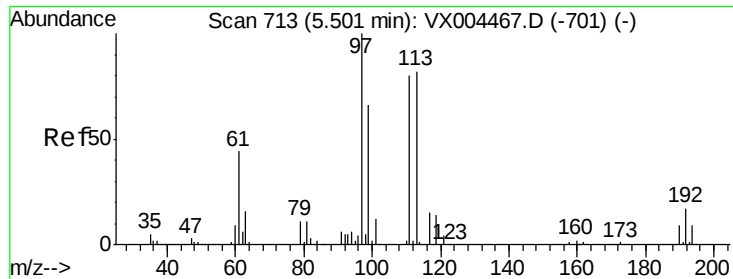
100000

50000

0

Time--> 6.70 6.80 6.90 7.00 7.10

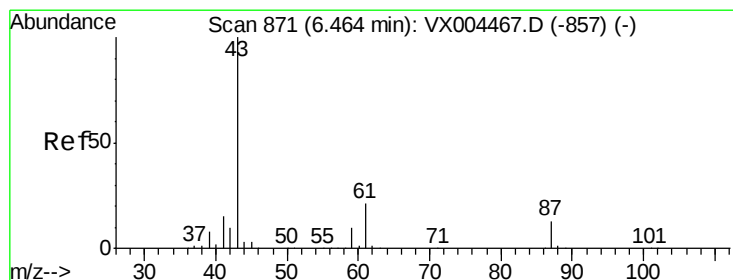
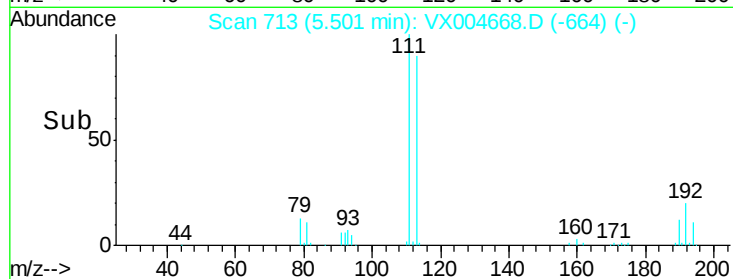
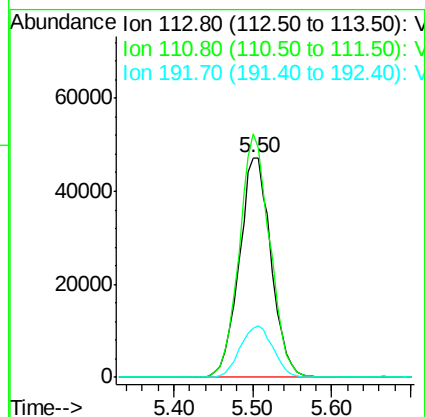
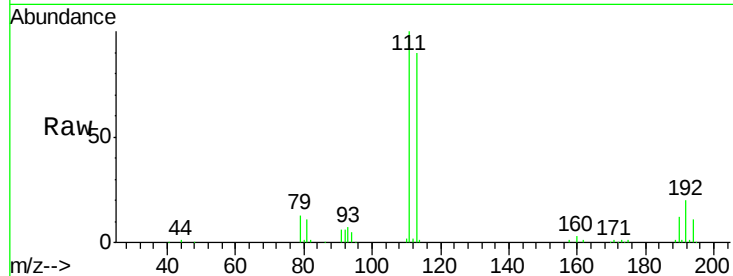




#35
 Dibromofluoromethane
 Concen: 41.09 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX004668.D
 Acq: 18 Sep 2018 19:50

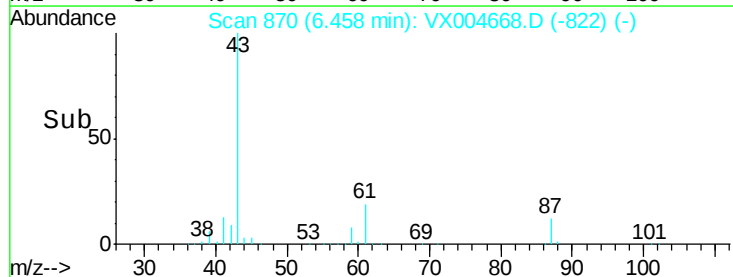
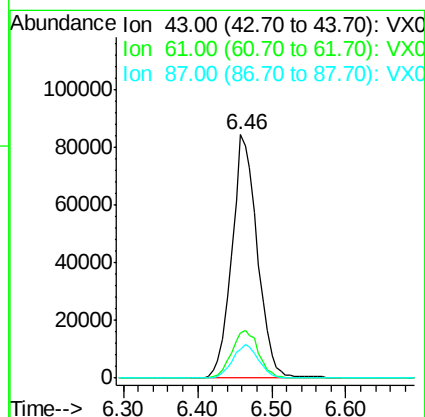
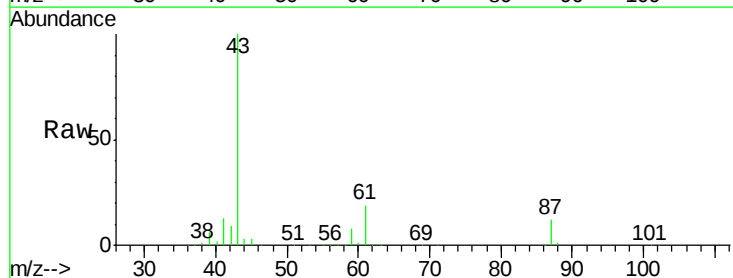
Instrument :
 MSVOA_X
 ClientSampleId :
 RB44766RT

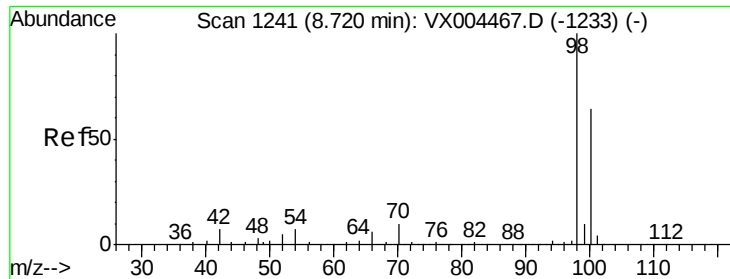
Tot Ion:113 Resp: 132491
 Ion Ratio Lower Upper
 113 100
 111 106.6 82.4 123.6
 192 24.2 19.4 29.2



#43
 Isopropyl Acetate
 Concen: 31.19 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.01 min
 Lab File: VX004668.D
 Acq: 18 Sep 2018 19:50

Tgt Ion: 43 Resp: 201569
 Ion Ratio Lower Upper
 43 100
 61 20.8 17.0 25.4
 87 14.1 11.4 17.2





#50

Toluene-d8

Concen: 43.38 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VX004668.D

Acq: 18 Sep 2018 19:50

Instrument :

MSVOA_X

ClientSampleId :

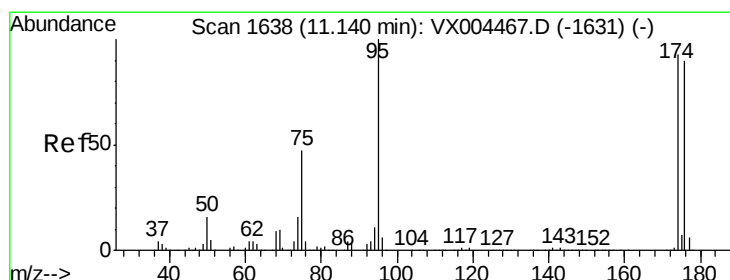
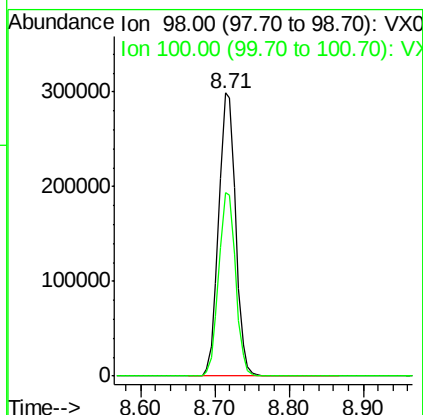
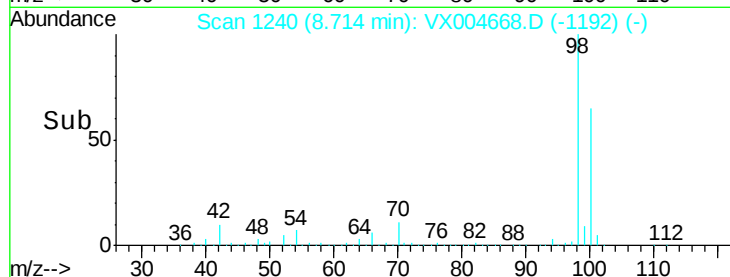
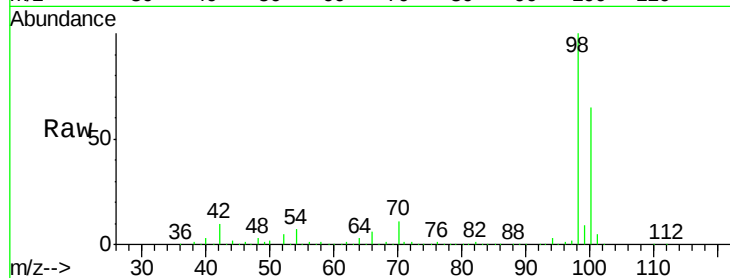
RB44766RT

Tot Ion: 98 Resp: 469092

Ion Ratio Lower Upper

98 100

100 64.3 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 44.25 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX004668.D

Acq: 18 Sep 2018 19:50

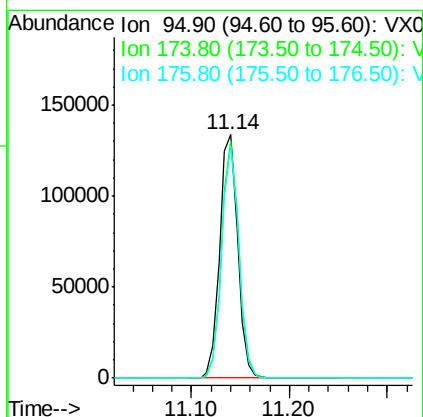
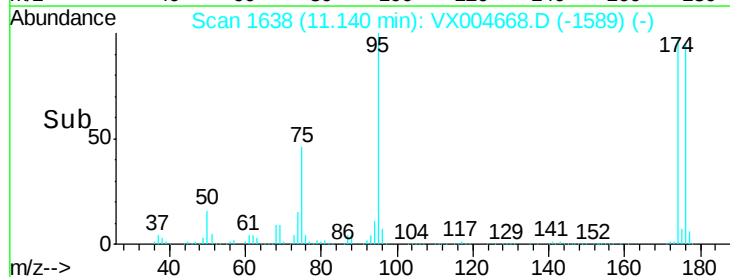
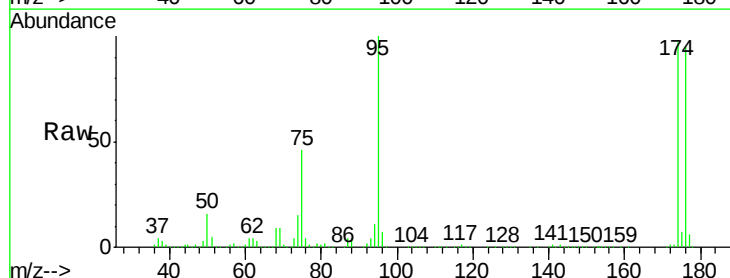
Tgt Ion: 95 Resp: 170793

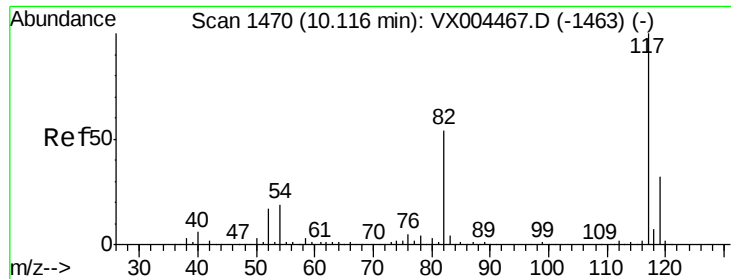
Ion Ratio Lower Upper

95 100

174 93.6 0.0 185.2

176 90.8 0.0 178.6

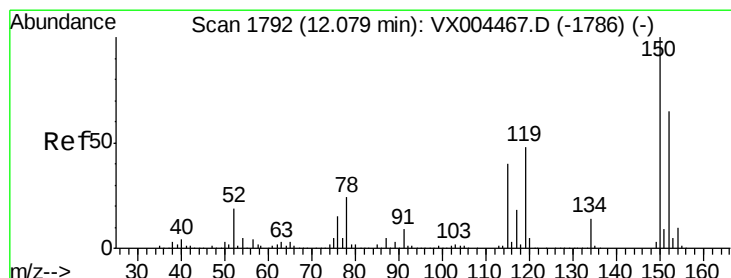
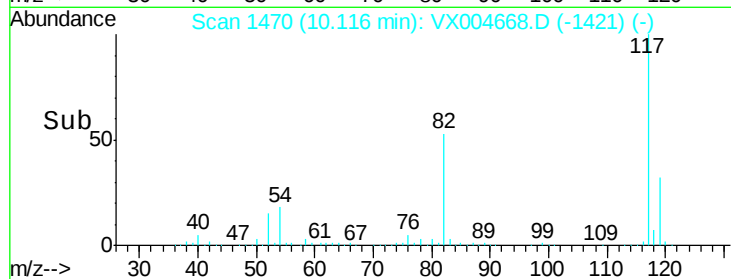
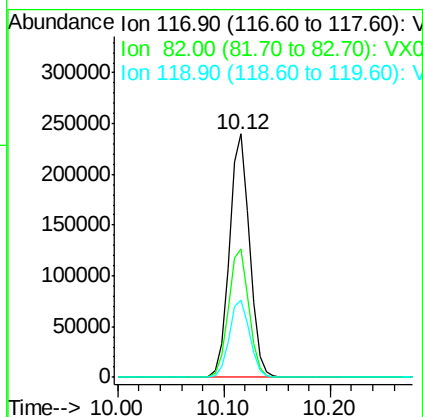
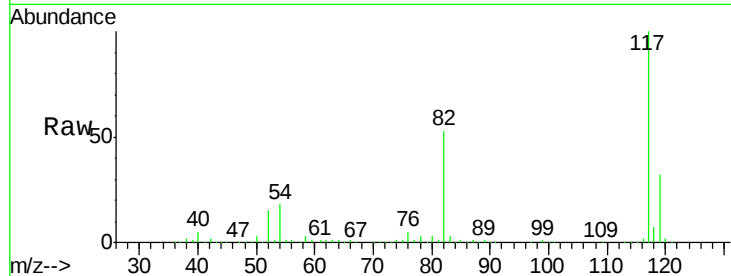




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004668.D
Acq: 18 Sep 2018 19:50

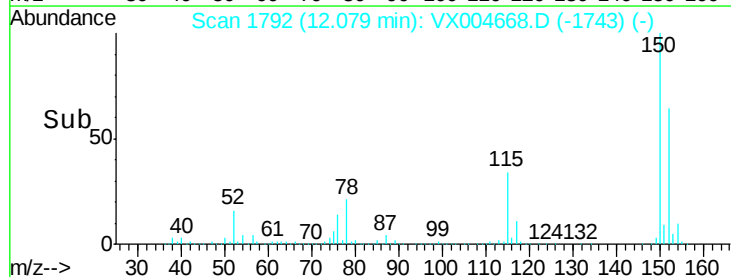
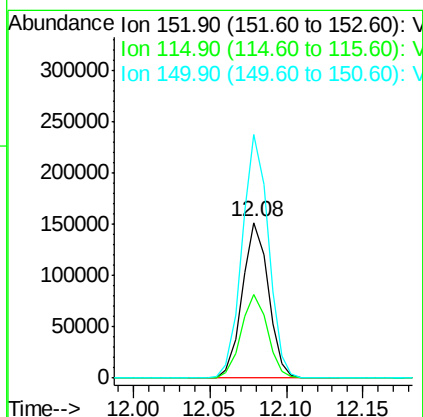
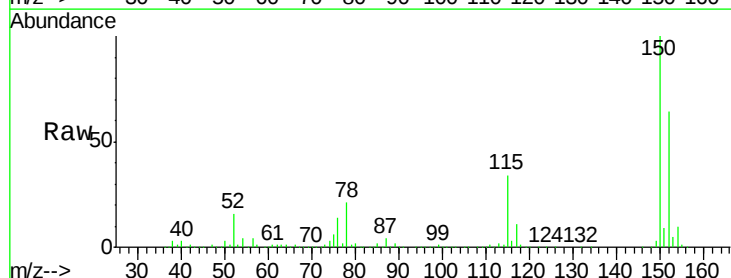
Instrument :
MSVOA_X
ClientSampleId :
RB44766RT

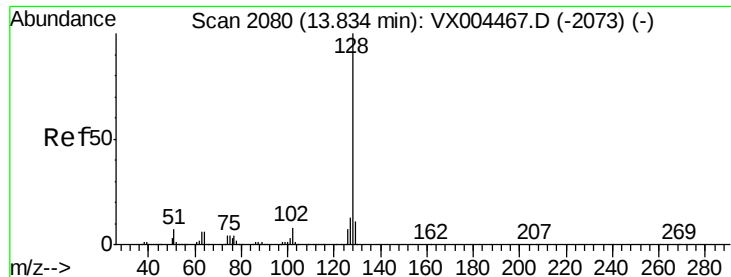
Tot Ion:117 Resp: 318000
Ion Ratio Lower Upper
117 100
82 52.7 47.8 71.6
119 31.9 29.3 43.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX004668.D
Acq: 18 Sep 2018 19:50

Tgt Ion:152 Resp: 179559
Ion Ratio Lower Upper
152 100
115 54.4 39.0 117.0
150 158.4 0.0 351.0





#95

Naphthalene

Concen: 31.57 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX004668.D

Acq: 18 Sep 2018 19:50

Instrument :

MSVOA_X

ClientSampleId :

RB44766RT

Tot Ion:128 Resp: 387024

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

129 10.9 8.6 12.8

