

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062518\
 Data File : VX002872.D
 Acq On : 25 Jun 2018 21:15
 Operator : JC/MD
 Sample : J3592-06DL 40X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0628DL

Quant Time: Jun 27 13:02:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

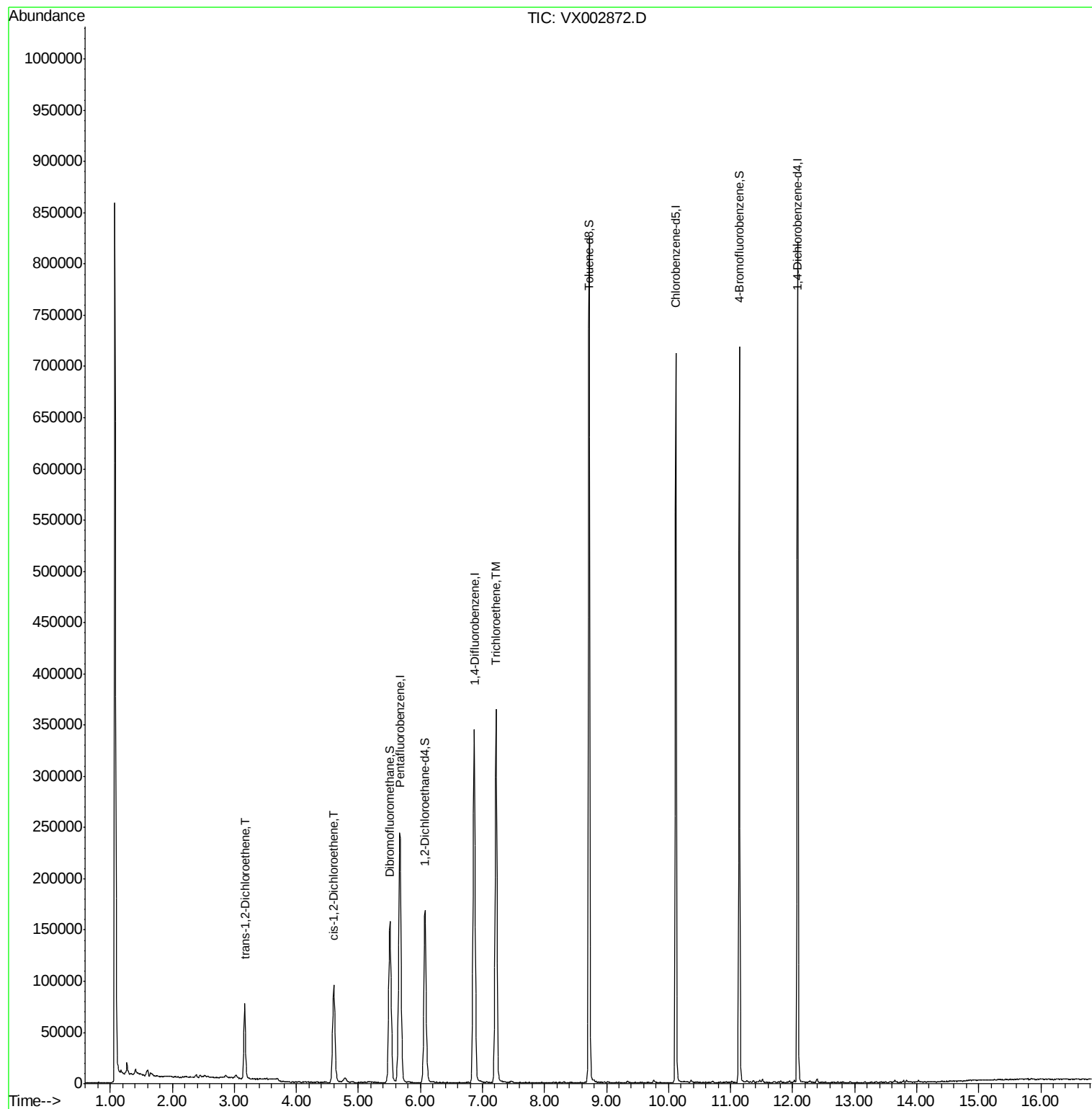
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	244329	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	335494	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	309431	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	171043	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	161713	47.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.76%	
35) Dibromofluoromethane	5.51	113	125845	47.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.74%	
50) Toluene-d8	8.72	98	473265	48.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.56%	
62) 4-Bromofluorobenzene	11.14	95	163024	43.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.14%	
Target Compounds						
21) trans-1,2-Dichloroethene	3.17	96	29057	11.07	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	57320	19.48	ug/l	89
44) Trichloroethene	7.22	130	141784	44.49	ug/l	98

(#) = 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# 834

Delta R.T. 0.01 min

Lab File: VX002872.D

Acq: 25 Jun 2018 21:15

Instrument :

MSVOA_X

ClientSampleID :

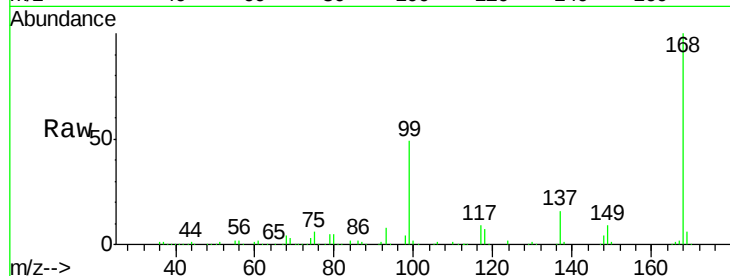
S32-0628DL

Tot Ion:168 Resp: 244329

Ion Ratio Lower Upper

168 100

99 48.6 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

80000

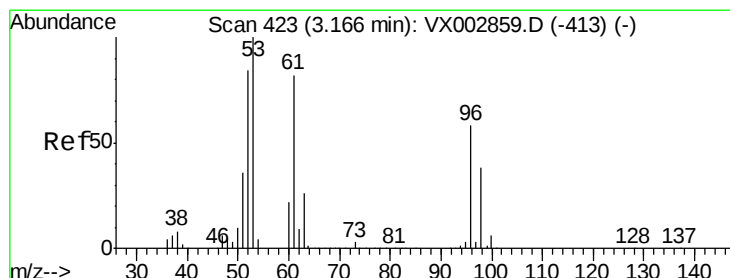
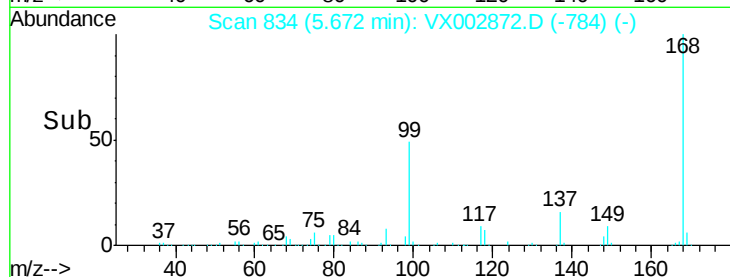
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#21

trans-1,2-Dichloroethene

Concen: 11.07 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002872.D

Acq: 25 Jun 2018 21:15

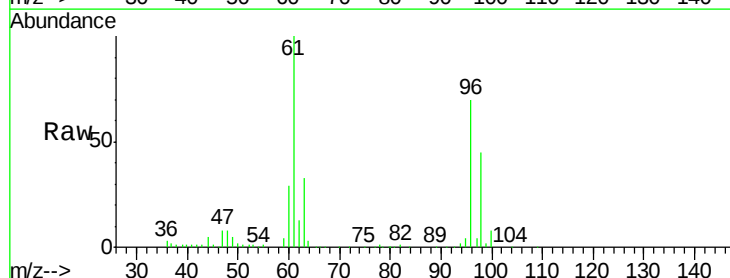
Tgt Ion: 96 Resp: 29057

Ion Ratio Lower Upper

96 100

61 142.7 117.0 175.4

98 63.7 52.4 78.6



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

3.17

25000

20000

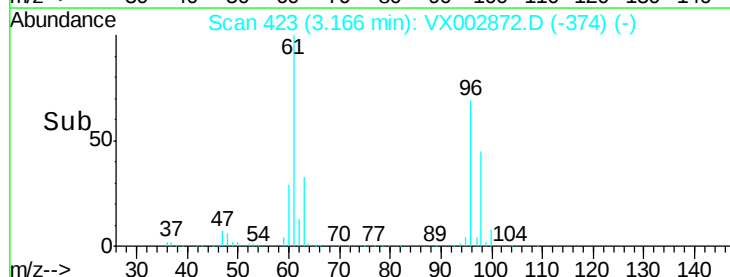
15000

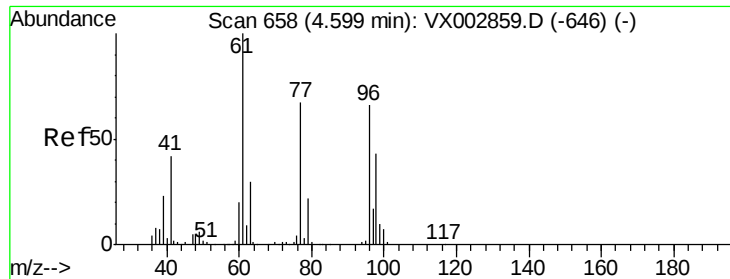
10000

5000

0

Time--> 3.10 3.20 3.30





#27

cis-1,2-Dichloroethene

Concen: 19.48 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX002872.D

Acq: 25 Jun 2018 21:15

Instrument :

MSVOA_X

ClientSampleId :

S32-0628DL

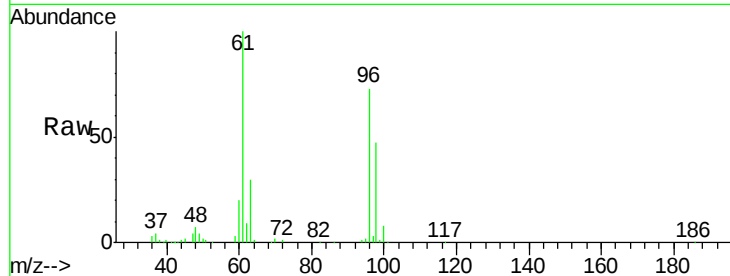
Tot Ion: 96 Resp: 57320

Ion Ratio Lower Upper

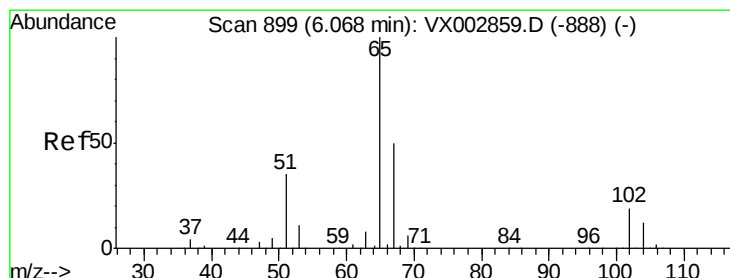
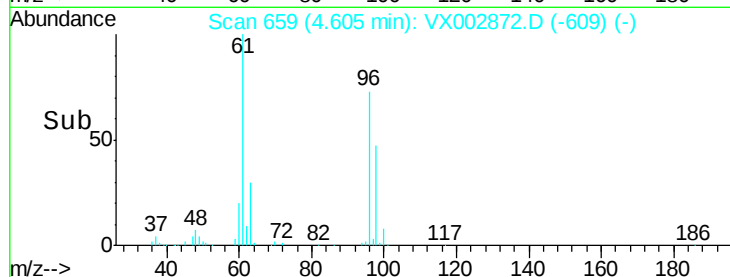
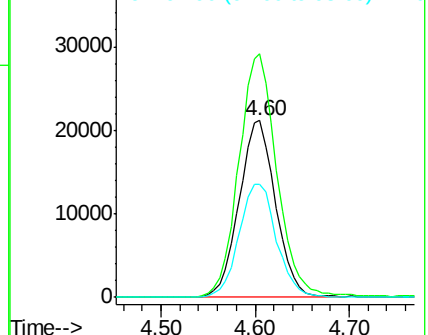
96 100

61 144.7 0.0 330.2

98 65.8 0.0 130.2



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



#33

1,2-Dichloroethane-d4

Concen: 47.88 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX002872.D

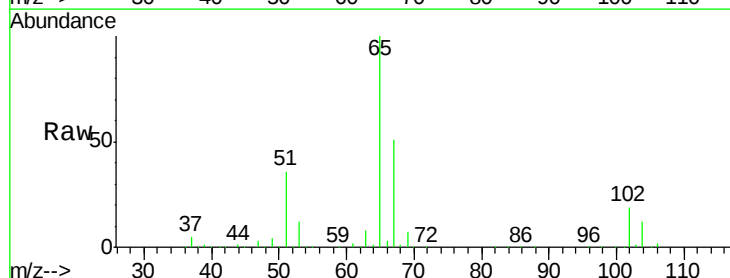
Acq: 25 Jun 2018 21:15

Tgt Ion: 65 Resp: 161713

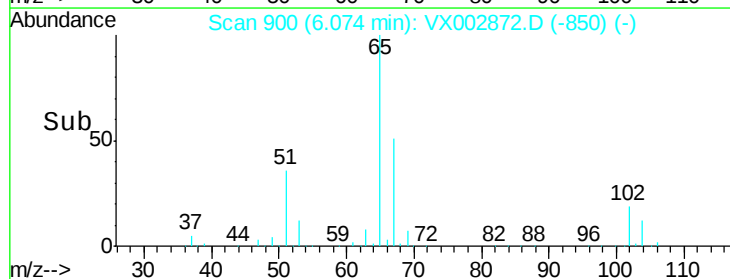
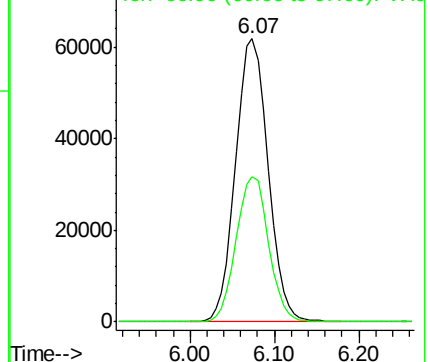
Ion Ratio Lower Upper

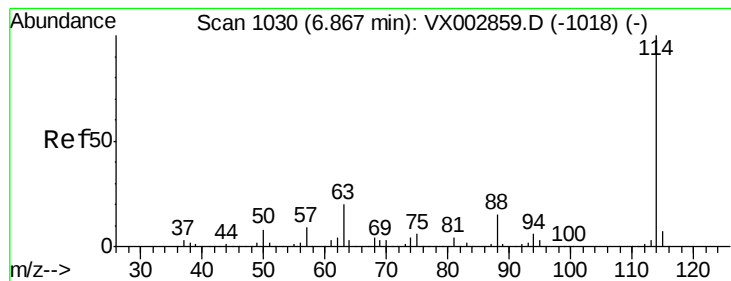
65 100

67 51.3 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002872.D

Acq: 25 Jun 2018 21:15

Instrument :

MSVOA_X

ClientSampleId :

S32-0628DL

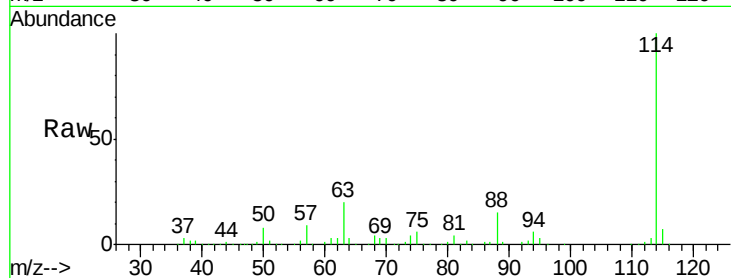
Tot Ion:114 Resp: 335494

Ion Ratio Lower Upper

114 100

63 20.5 0.0 41.4

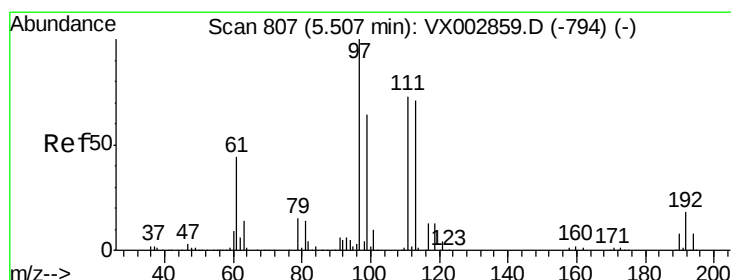
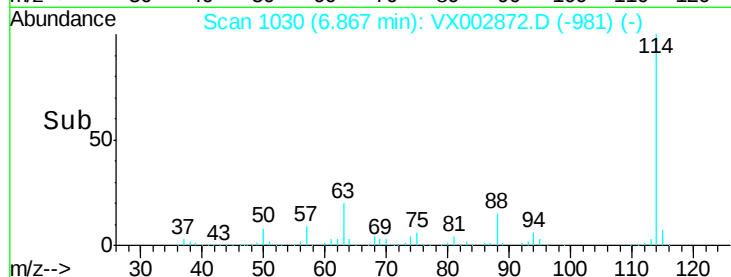
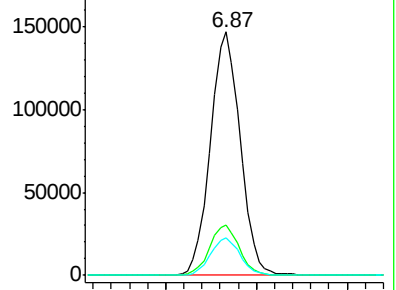
88 15.4 0.0 30.0



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



#35

Dibromofluoromethane

Concen: 47.37 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX002872.D

Acq: 25 Jun 2018 21:15

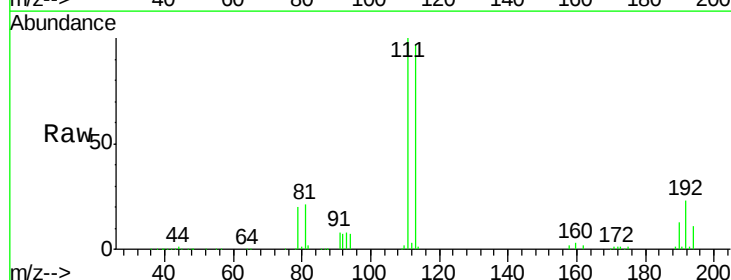
Tgt Ion:113 Resp: 125845

Ion Ratio Lower Upper

113 100

111 103.2 81.4 122.0

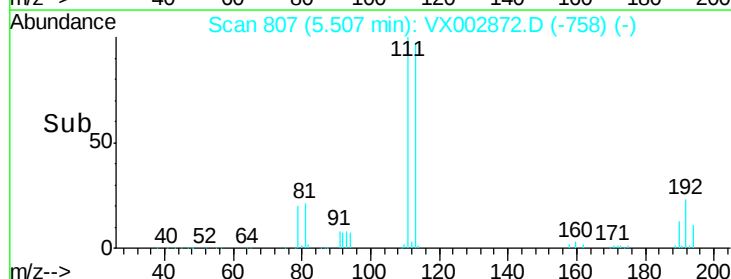
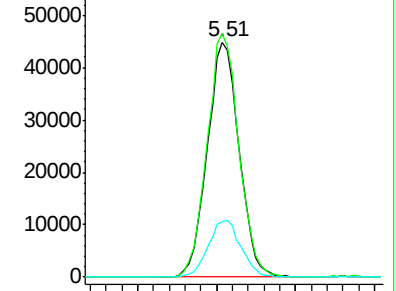
192 24.7 19.1 28.7

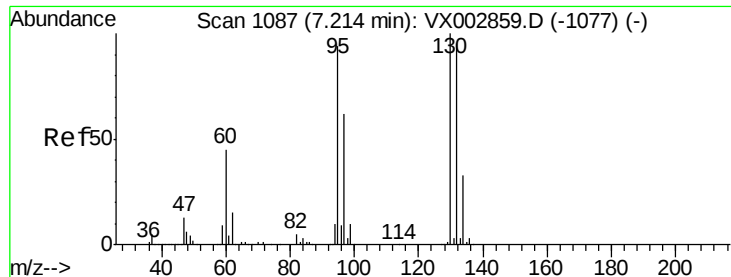


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 44.49 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX002872.D

Acq: 25 Jun 2018 21:15

Instrument :

MSVOA_X

ClientSampleId :

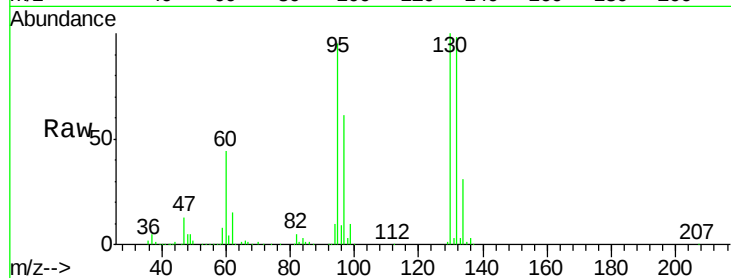
S32-0628DL

Tot Ion:130 Resp: 141784

Ion Ratio Lower Upper

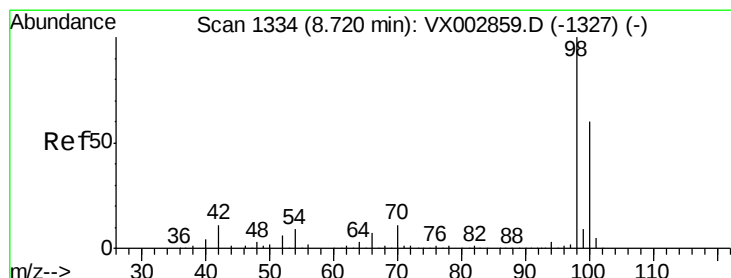
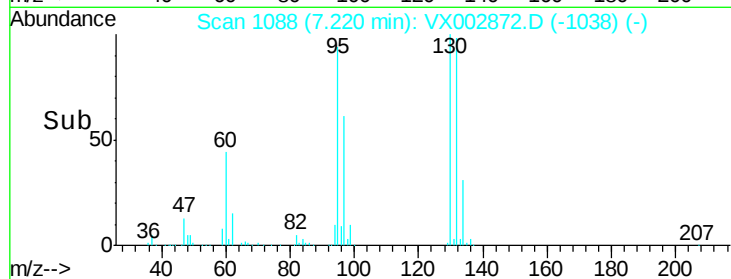
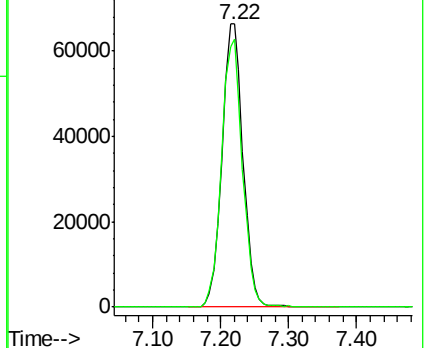
130 100

95 94.6 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 48.78 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002872.D

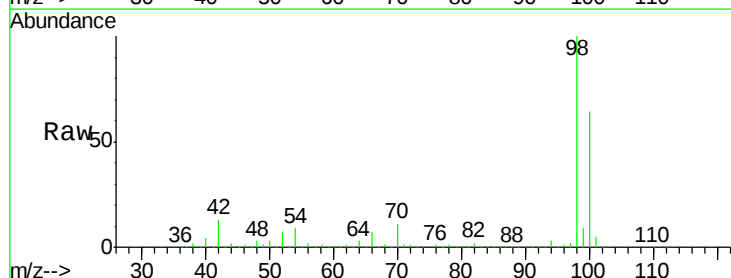
Acq: 25 Jun 2018 21:15

Tgt Ion: 98 Resp: 473265

Ion Ratio Lower Upper

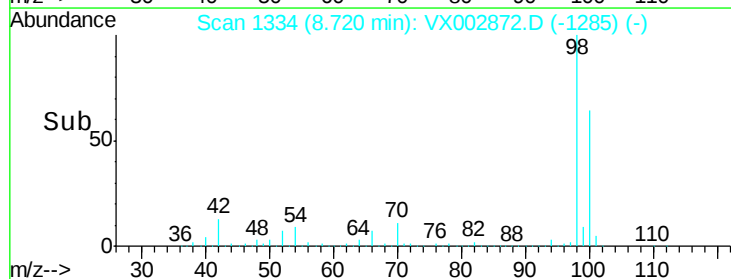
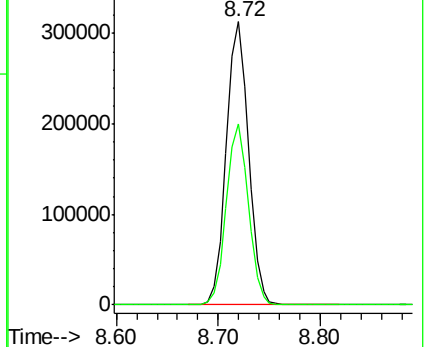
98 100

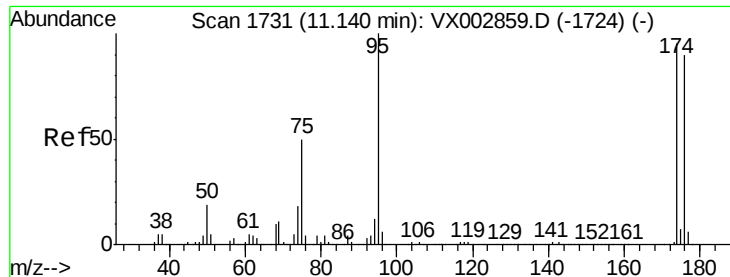
100 63.4 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

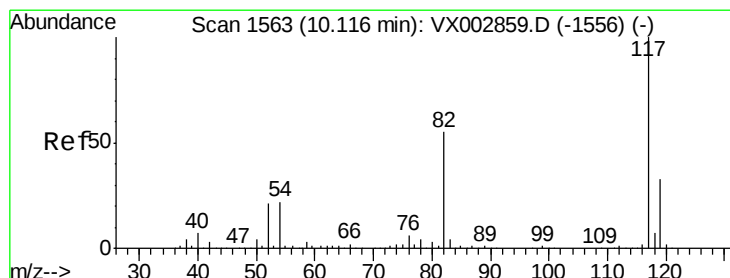
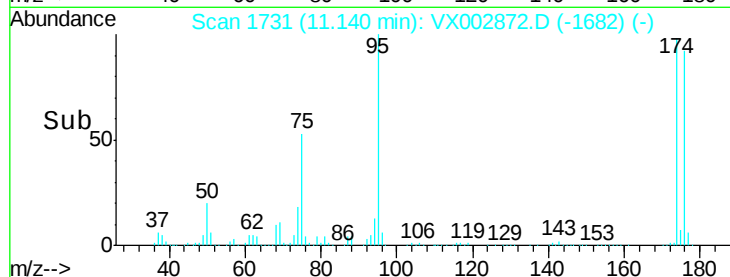
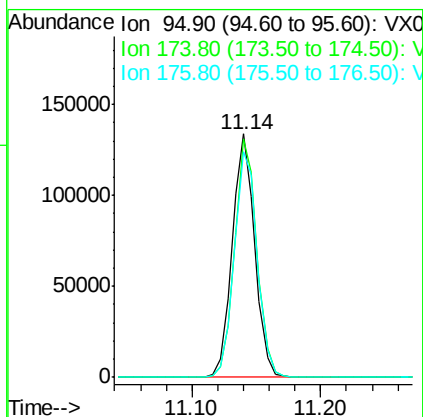
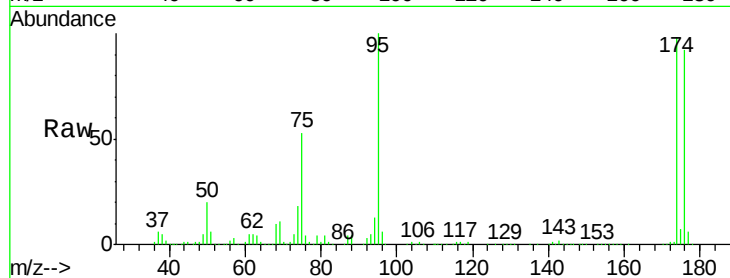




#62
4-Bromofluorobenzene
Concen: 43.57 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002872.D
Acq: 25 Jun 2018 21:15

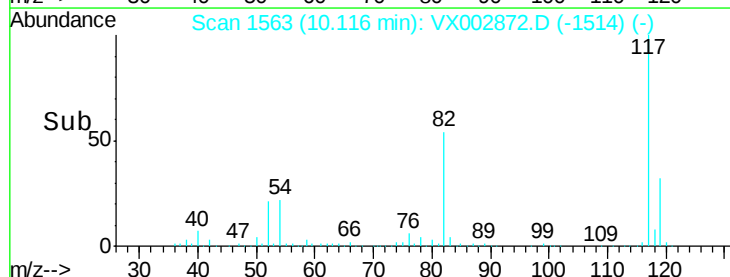
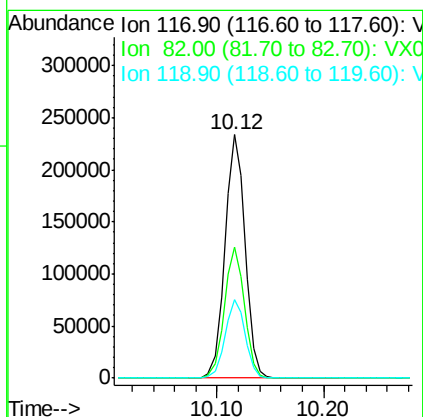
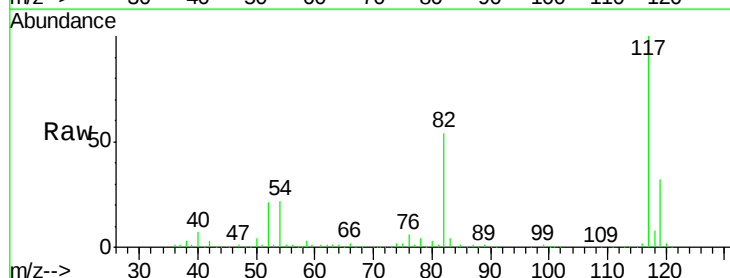
Instrument :
MSVOA_X
ClientSampleId :
S32-0628DL

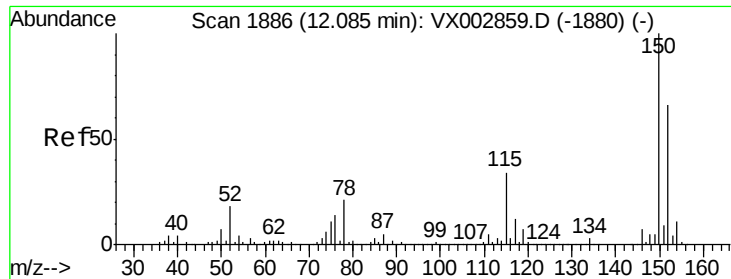
Tot Ion: 95 Resp: 163024
Ion Ratio Lower Upper
95 100
174 97.6 0.0 187.4
176 94.8 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002872.D
Acq: 25 Jun 2018 21:15

Tgt Ion: 117 Resp: 309431
Ion Ratio Lower Upper
117 100
82 53.8 45.0 67.4
119 32.2 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX002872.D

Acq: 25 Jun 2018 21:15

Instrument :

MSVOA_X

ClientSampleId :

S32-0628DL

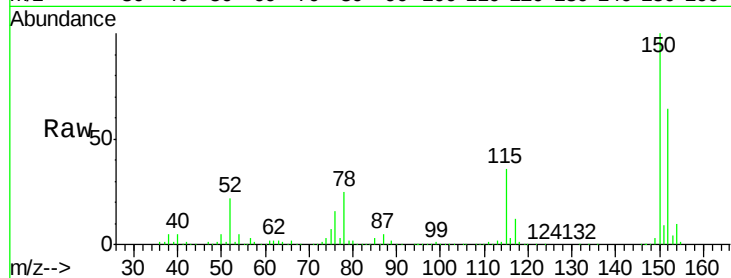
Tot Ion:152 Resp: 171043

Ion Ratio Lower Upper

152 100

115 54.6 40.1 120.2

150 155.5 0.0 347.2



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

