

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081718\
 Data File : VX004129.D
 Acq On : 17 Aug 2018 13:56
 Operator : JC/MD
 Sample : J4520-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CD-8-15-18

Quant Time: Aug 20 09:38:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	258188	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.86	114	404761	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	379003	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	216539	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	191546	52.66	ug/l	0.00
Spiked Amount			Recovery	=	105.32%	
35) Dibromofluoromethane	5.51	113	151407	49.98	ug/l	0.00
Spiked Amount			Recovery	=	99.96%	
50) Toluene-d8	8.71	98	588341	47.90	ug/l	0.00
Spiked Amount			Recovery	=	95.80%	
62) 4-Bromofluorobenzene	11.15	95	202498	45.46	ug/l	0.00
Spiked Amount			Recovery	=	90.92%	

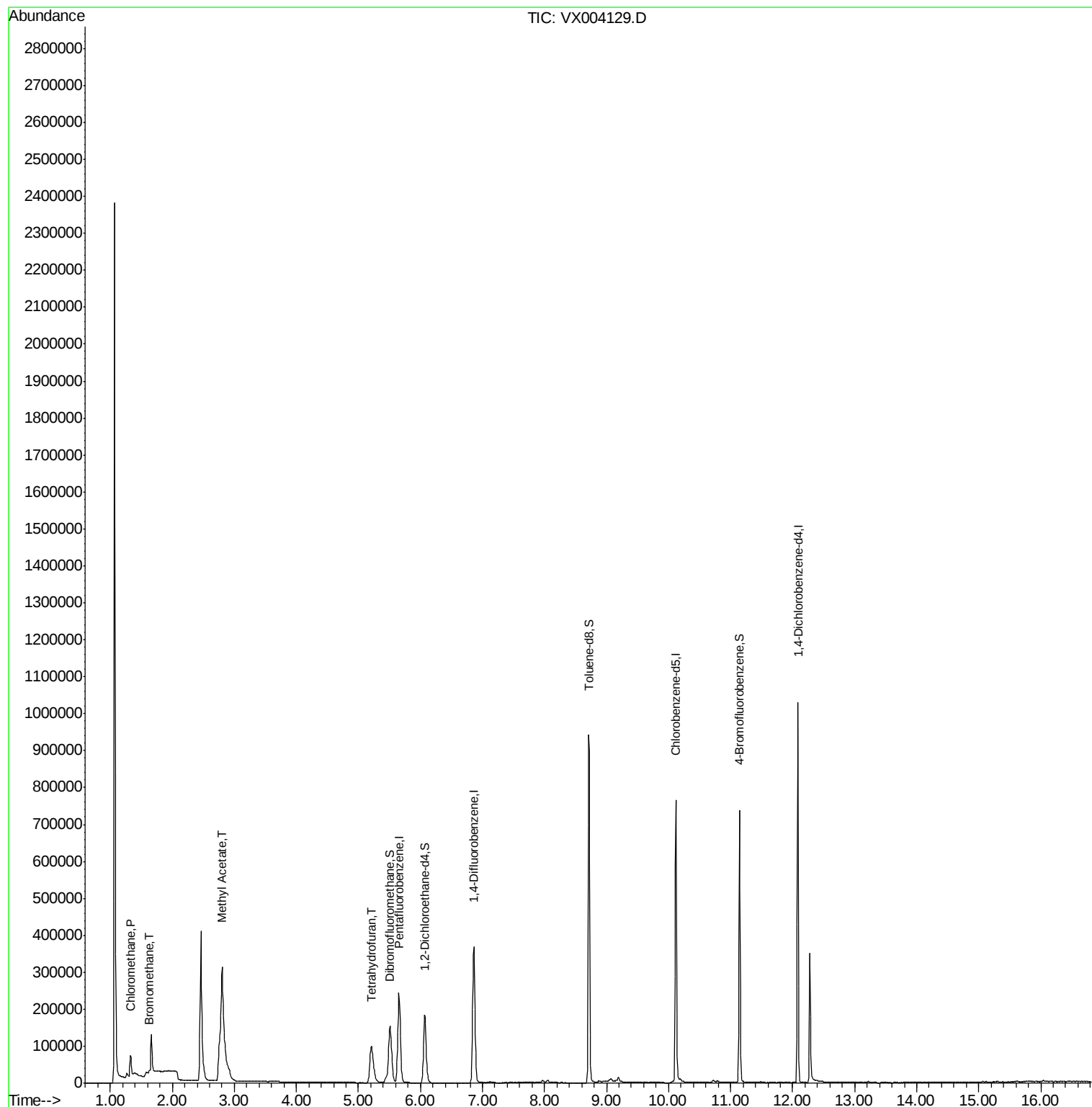
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	64523	20.92	ug/l	100
5) Bromomethane	1.63	94	3160	1.70	ug/l	92
18) Methyl Acetate	2.80	43	338744	80.60	ug/l	99
29) Tetrahydrofuran	5.21	42	124072	78.91	ug/l	97

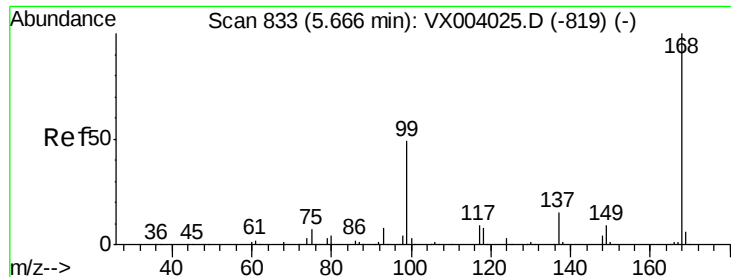
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Aug 14 13:27:25 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.65 min Scan# 831

Delta R.T. -0.01 min

Lab File: VX004129.D

Acq: 17 Aug 2018 13:56

Instrument :

MSVOA_X

ClientSampleId :

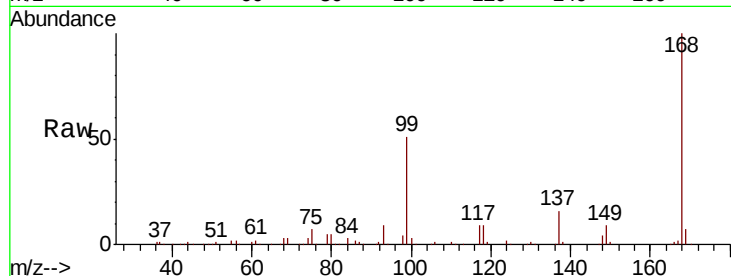
CD-8-15-18

Tot Ion:168 Resp: 258188

Ion Ratio Lower Upper

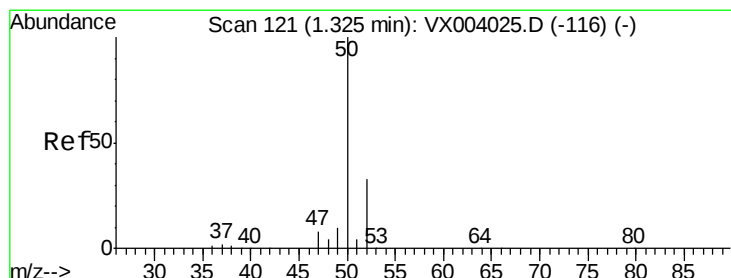
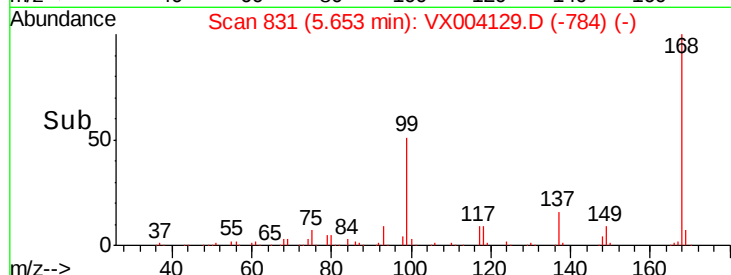
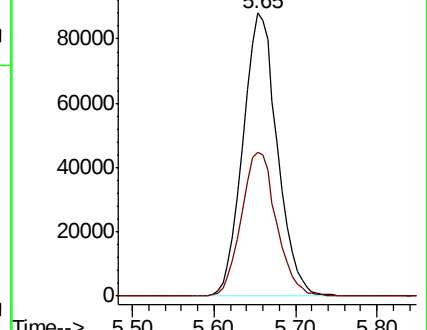
168 100

99 50.8 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 20.92 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX004129.D

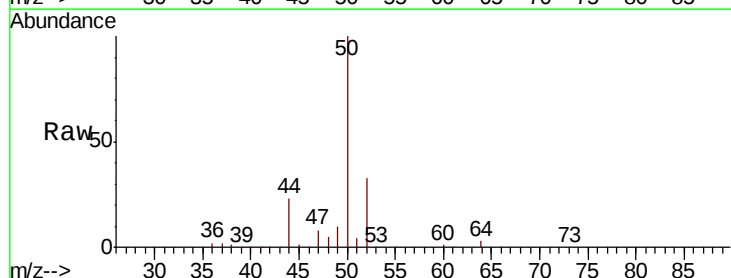
Acq: 17 Aug 2018 13:56

Tgt Ion: 50 Resp: 64523

Ion Ratio Lower Upper

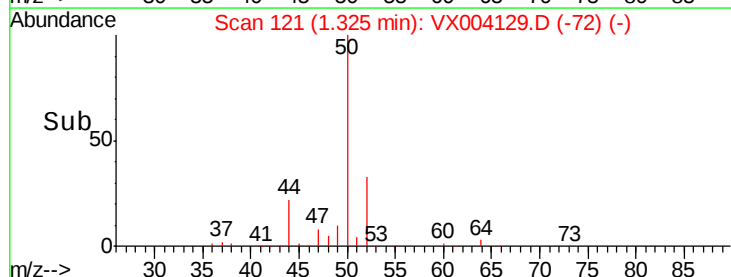
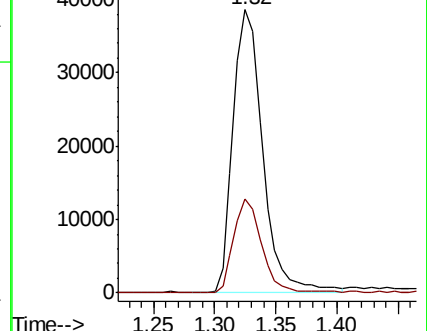
50 100

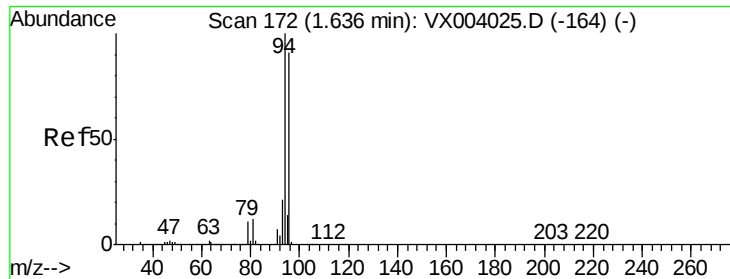
52 33.1 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: 1.70 ug/l

RT: 1.63 min Scan# 171

Delta R.T. -0.01 min

Lab File: VX004129.D

Acq: 17 Aug 2018 13:56

Instrument :

MSVOA_X

ClientSampleId :

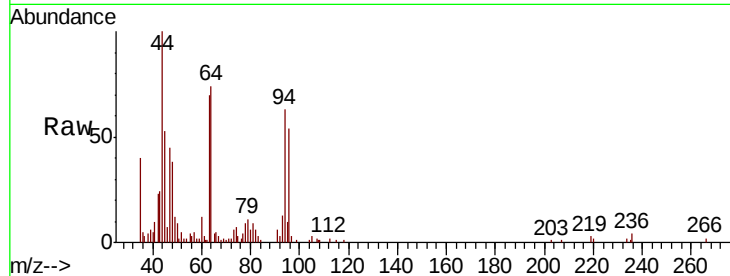
CD-8-15-18

Tot Ion: 94 Resp: 3160

Ion Ratio Lower Upper

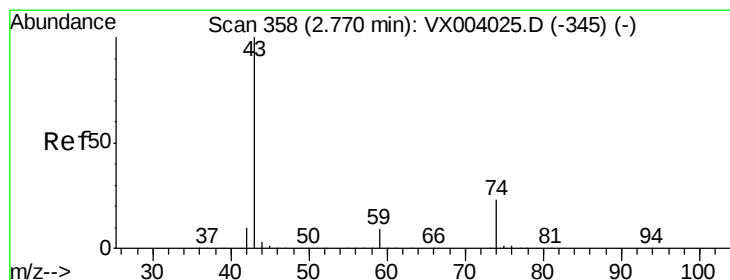
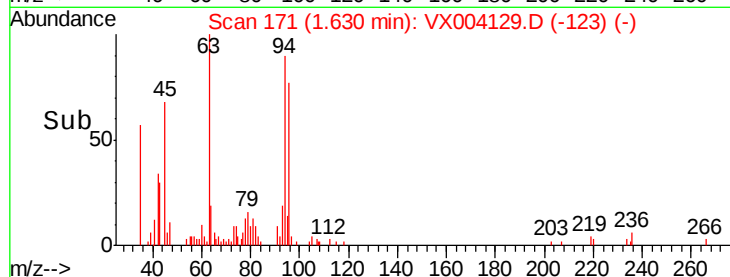
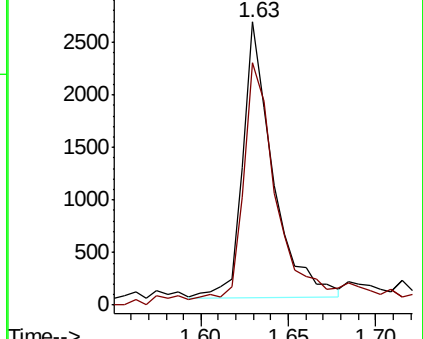
94 100

96 85.9 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#18

Methyl Acetate

Concen: 80.60 ug/l

RT: 2.80 min Scan# 363

Delta R.T. 0.03 min

Lab File: VX004129.D

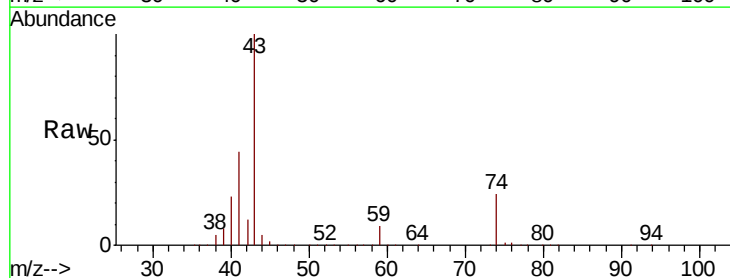
Acq: 17 Aug 2018 13:56

Tgt Ion: 43 Resp: 338744

Ion Ratio Lower Upper

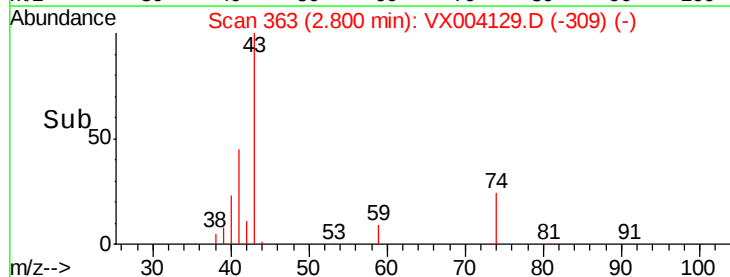
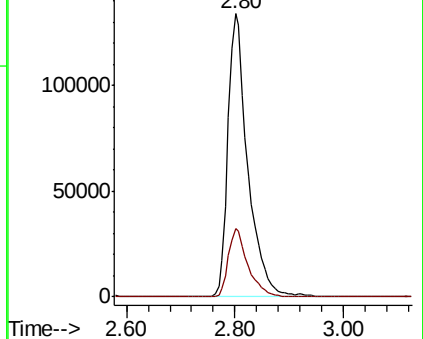
43 100

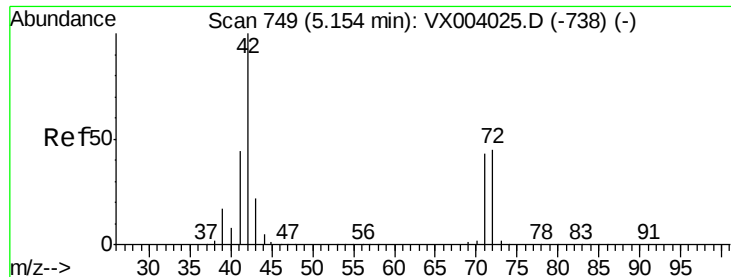
74 24.0 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#29

Tetrahydrofuran

Concen: 78.91 ug/l

RT: 5.21 min Scan# 758

Delta R.T. 0.05 min

Lab File: VX004129.D

Acq: 17 Aug 2018 13:56

Instrument :

MSVOA_X

ClientSampled :

CD-8-15-18

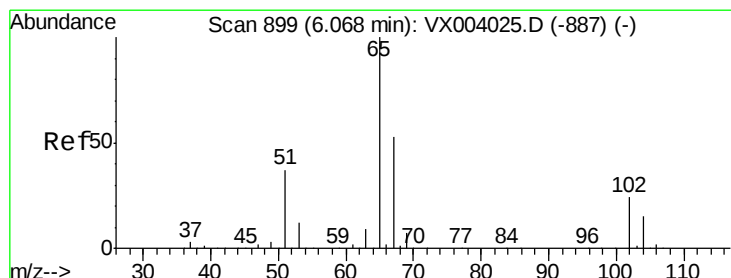
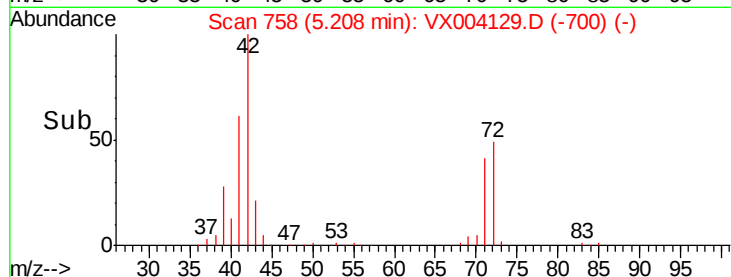
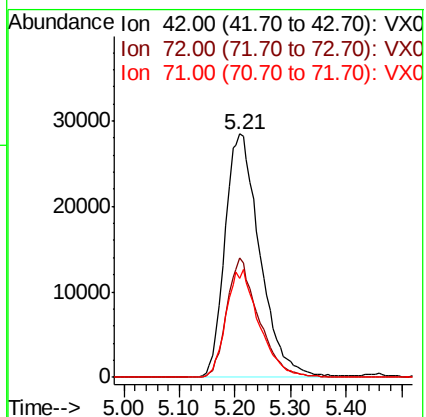
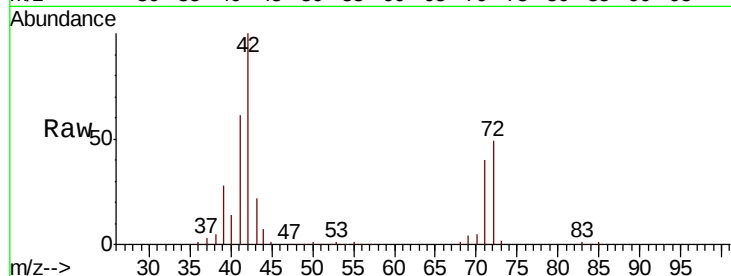
Tot Ion: 42 Resp: 124072

Ion Ratio Lower Upper

42 100

72 44.6 37.7 56.5

71 42.1 35.0 52.6



#33

1,2-Dichloroethane-d4

Concen: 52.66 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.00 min

Lab File: VX004129.D

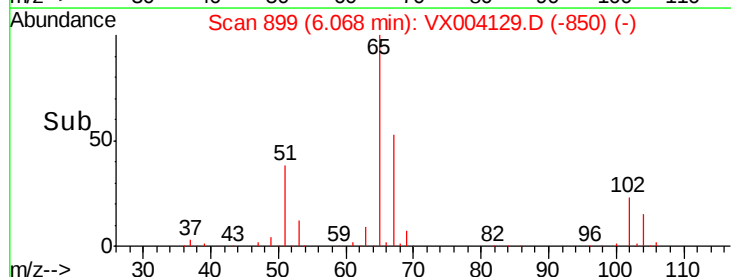
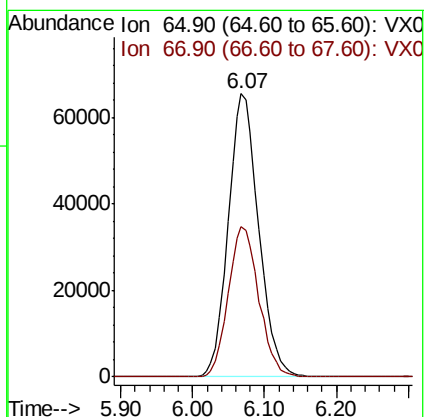
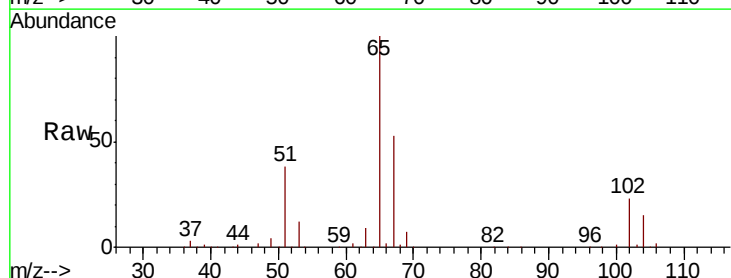
Acq: 17 Aug 2018 13:56

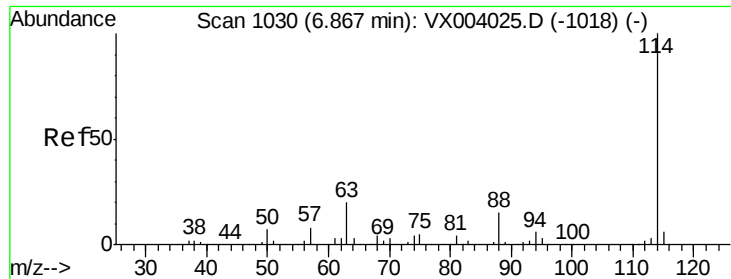
Tgt Ion: 65 Resp: 191546

Ion Ratio Lower Upper

65 100

67 53.4 0.0 105.8

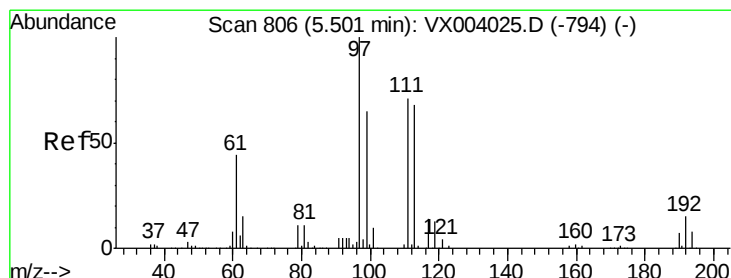
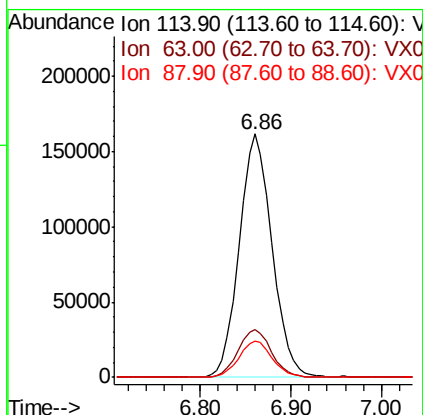
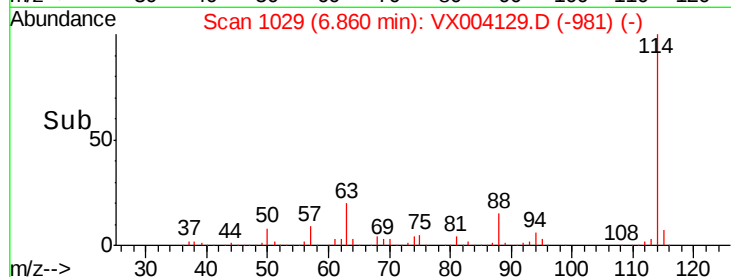
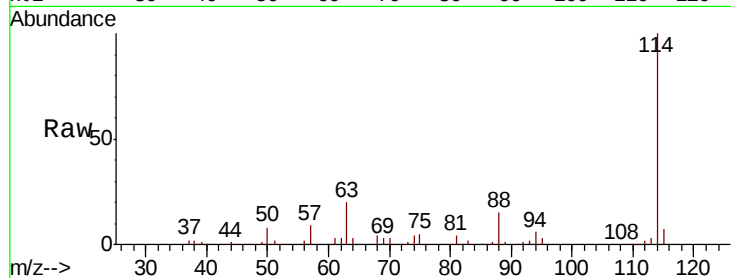




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX004129.D
 Acq: 17 Aug 2018 13:56

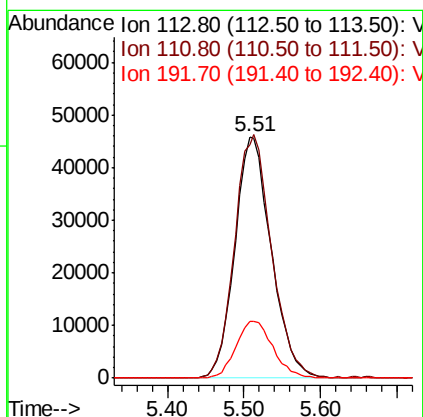
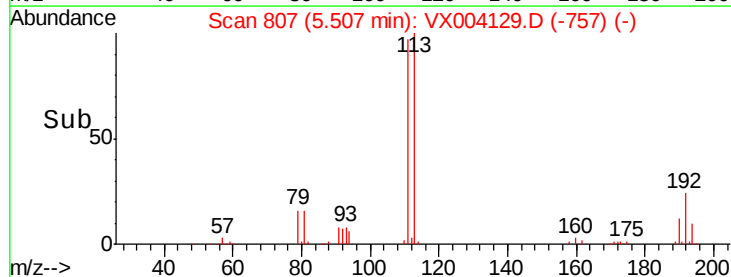
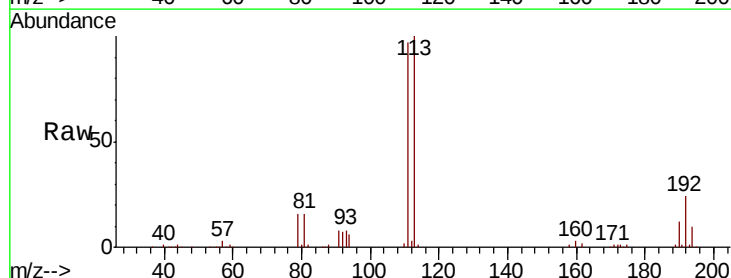
Instrument :
 MSVOA_X
 ClientSampleId :
 CD-8-15-18

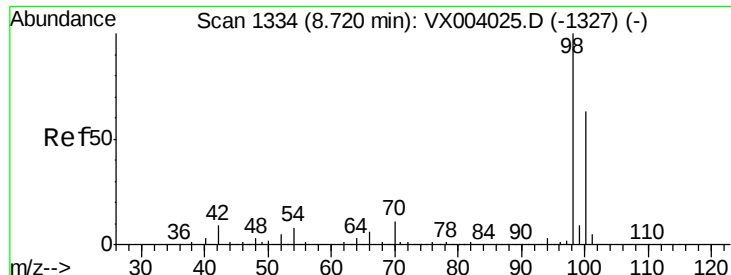
Tot Ion:114 Resp: 404761
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.0
 88 15.1 0.0 32.0



#35
 Dibromofluoromethane
 Concen: 49.98 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX004129.D
 Acq: 17 Aug 2018 13:56

Tgt Ion:113 Resp: 151407
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.0 123.0
 192 24.2 19.0 28.4





#50

Toluene-d8

Concen: 47.90 ug/l

RT: 8.71 min Scan# 1333

Delta R.T. -0.01 min

Lab File: VX004129.D

Acq: 17 Aug 2018 13:56

Instrument :

MSVOA_X

ClientSampleId :

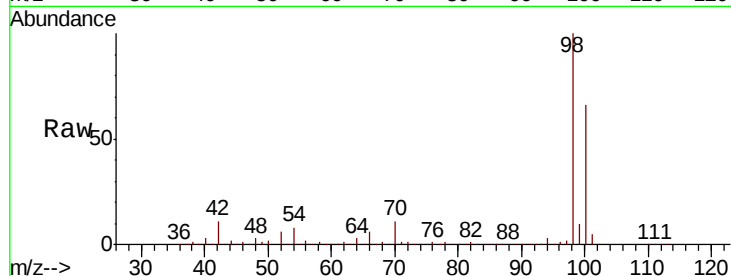
CD-8-15-18

Tot Ion: 98 Resp: 588341

Ion Ratio Lower Upper

98 100

100 65.7 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

400000

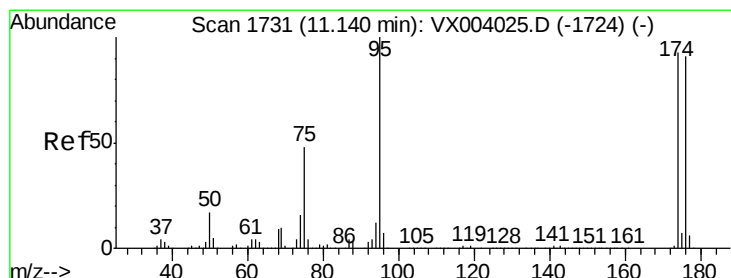
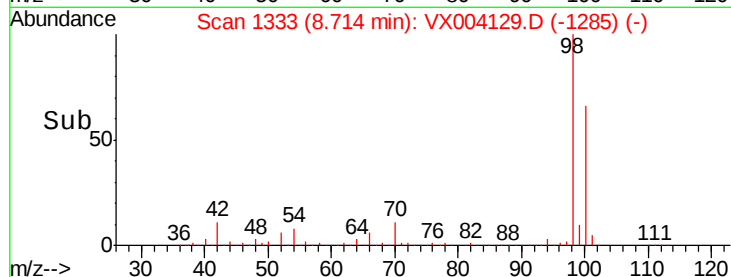
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.46 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.01 min

Lab File: VX004129.D

Acq: 17 Aug 2018 13:56

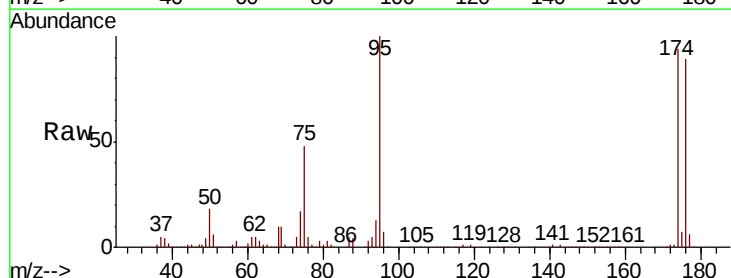
Tgt Ion: 95 Resp: 202498

Ion Ratio Lower Upper

95 100

174 90.8 0.0 182.8

176 87.0 0.0 179.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

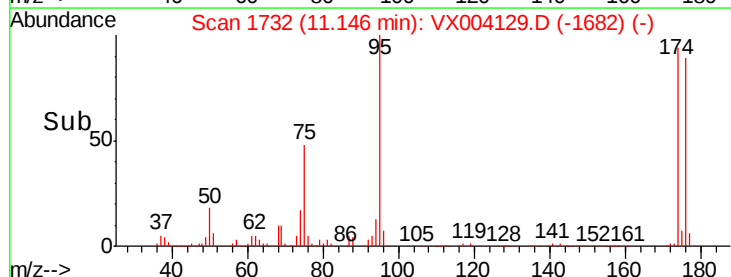
150000

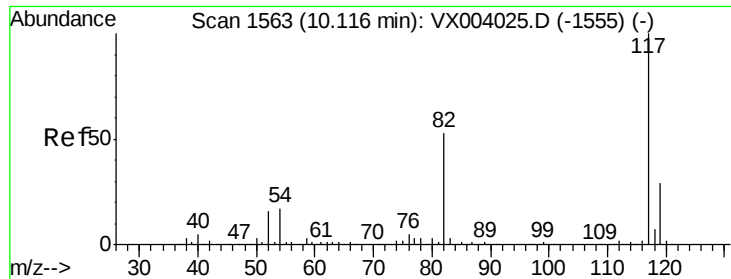
100000

50000

0

Time-->

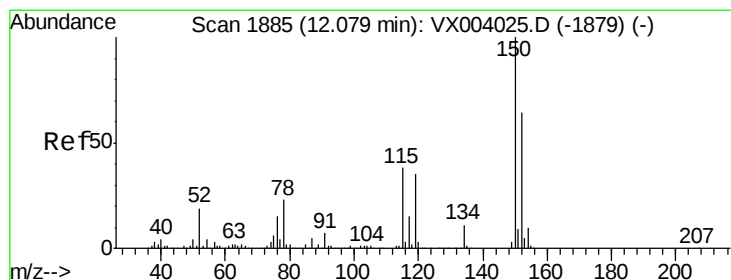
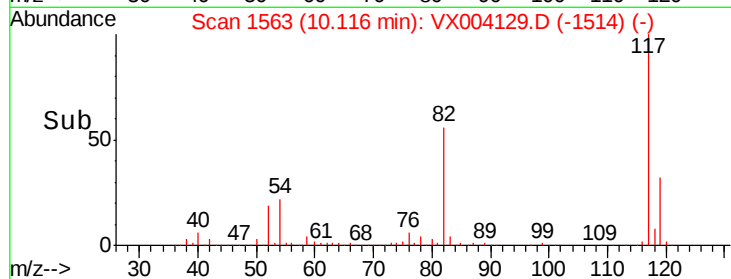
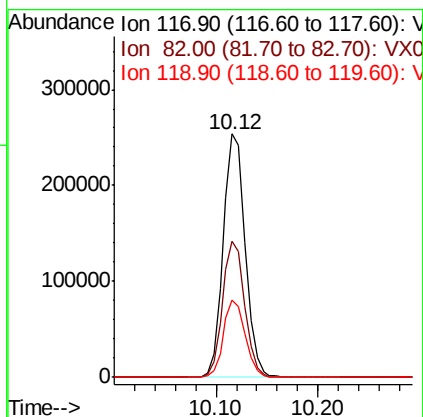
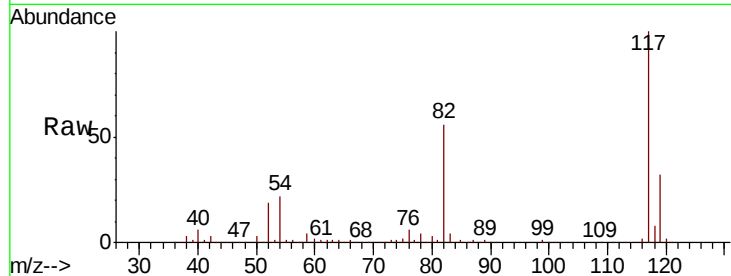




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004129.D
Acq: 17 Aug 2018 13:56

Instrument :
MSVOA_X
ClientSampleId :
CD-8-15-18

Tot Ion:117 Resp: 379003
Ion Ratio Lower Upper
117 100
82 56.1 45.4 68.0
119 31.6 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.01 min
Lab File: VX004129.D
Acq: 17 Aug 2018 13:56

Tgt Ion:152 Resp: 216539
Ion Ratio Lower Upper
152 100
115 55.8 39.1 117.3
150 158.6 0.0 349.2

