

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042120\
 Data File : VX015799.D
 Acq On : 21 Apr 2020 17:02
 Operator : JC/SP
 Sample : L2327-18
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-4-S

Quant Time: Apr 22 06:16:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

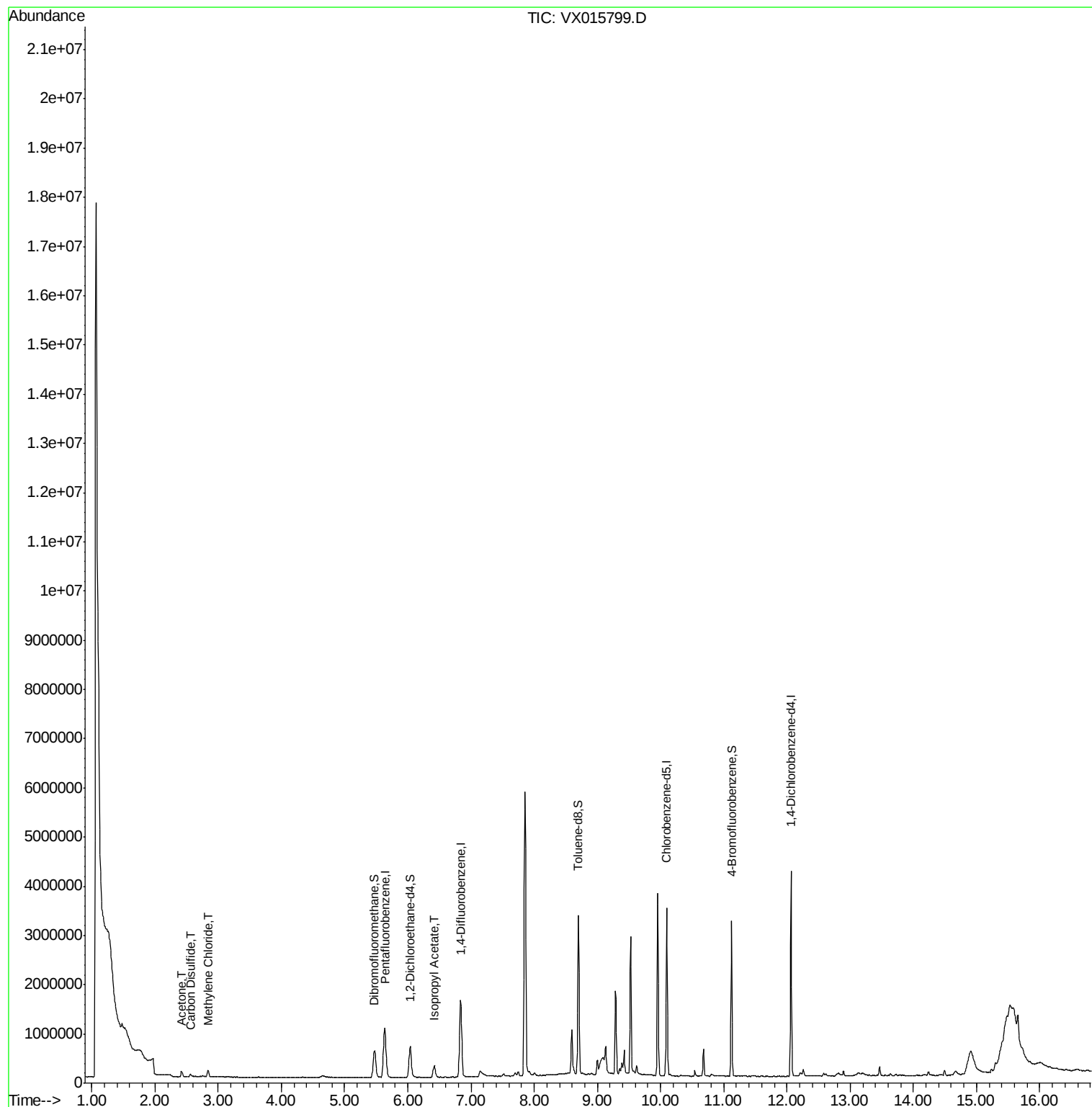
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1053955	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1617366	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1522714	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	879611	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	594731	40.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.02%	
35) Dibromofluoromethane	5.48	113	484818	46.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.78%	
50) Toluene-d8	8.70	98	1922154	50.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.00%	
62) 4-Bromofluorobenzene	11.12	95	804299	51.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.98%	
Target Compounds						
16) Acetone	2.42	43	163551	25.610	ug/l	95
17) Carbon Disulfide	2.56	76	85640	2.821	ug/l	96
20) Methylene Chloride	2.84	84	58041	4.866	ug/l	95
43) Isopropyl Acetate	6.42	43	367891	11.231	ug/l	99

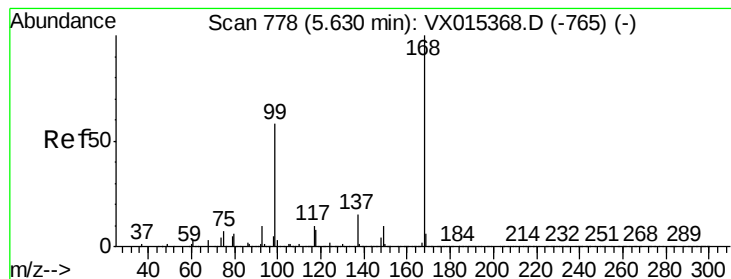
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Mar 27 09:35:51 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.01 min

Lab File: VX015799.D

Acq: 21 Apr 2020 17:02

Instrument :

MSVOA_X

ClientSampleId :

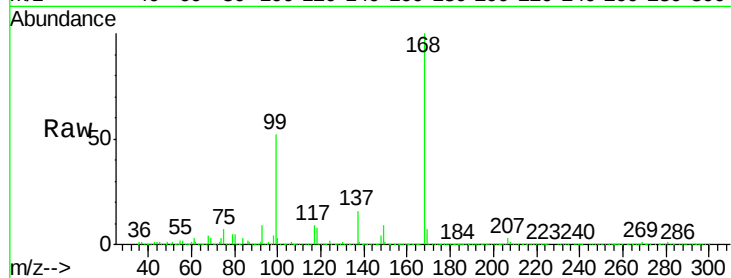
TP-4-S

Tot Ion:168 Resp: 1053955

Ion Ratio Lower Upper

168 100

99 51.7 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

400000

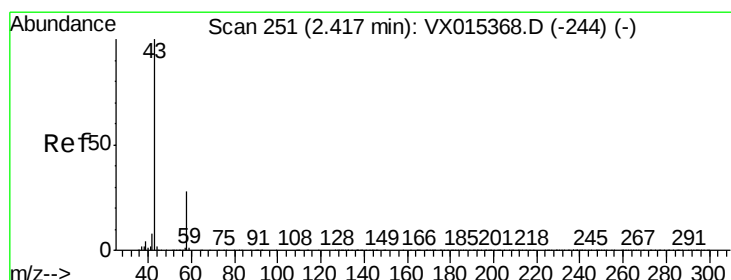
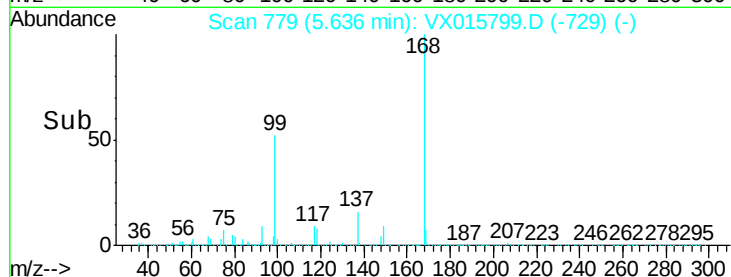
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 25.610 ug/l

RT: 2.42 min Scan# 252

Delta R.T. 0.01 min

Lab File: VX015799.D

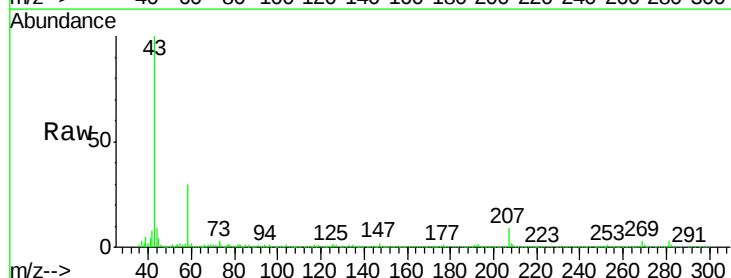
Acq: 21 Apr 2020 17:02

Tgt Ion: 43 Resp: 163551

Ion Ratio Lower Upper

43 100

58 30.2 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

100000

80000

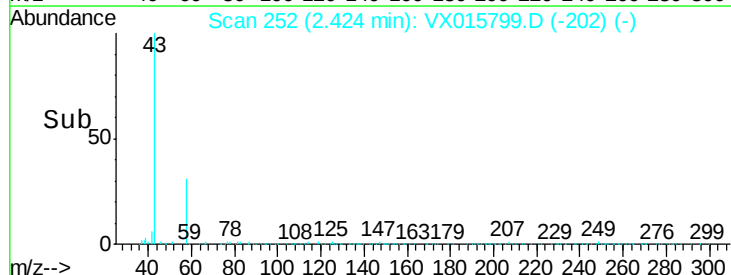
60000

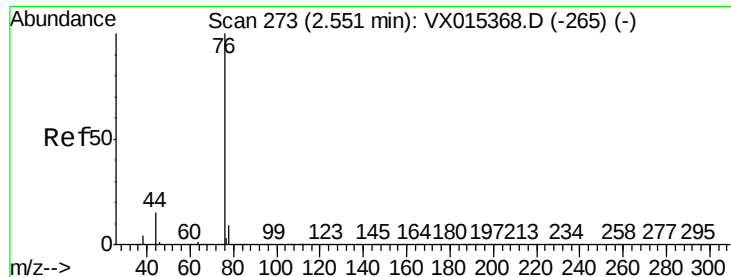
40000

20000

0

Time-->





#17

Carbon Disulfide

Concen: 2.821 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.01 min

Lab File: VX015799.D

Acq: 21 Apr 2020 17:02

Instrument :

MSVOA_X

ClientSampleId :

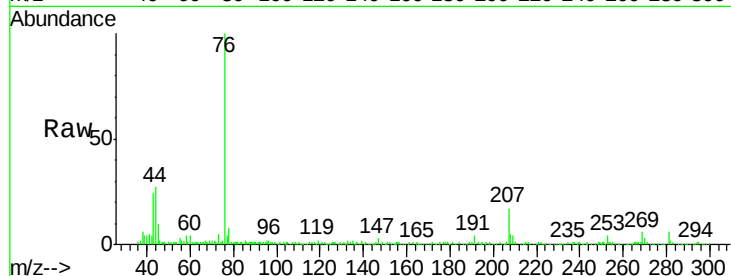
TP-4-S

Tot Ion: 76 Resp: 85640

Ion Ratio Lower Upper

76 100

78 7.3 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

40000

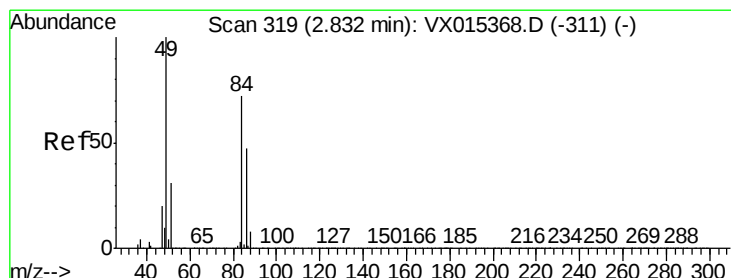
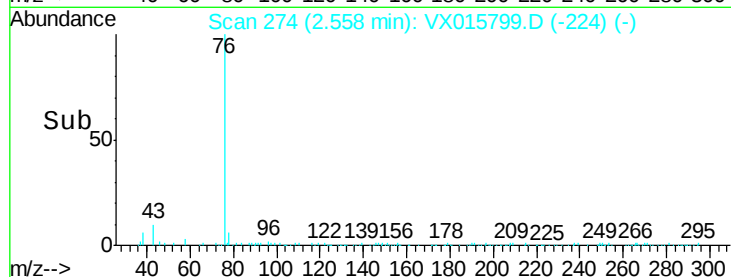
30000

20000

10000

0

Time--> 2.45 2.50 2.55 2.60 2.65



#20

Methylene Chloride

Concen: 4.866 ug/l

RT: 2.84 min Scan# 320

Delta R.T. 0.01 min

Lab File: VX015799.D

Acq: 21 Apr 2020 17:02

Tgt Ion: 84 Resp: 58041

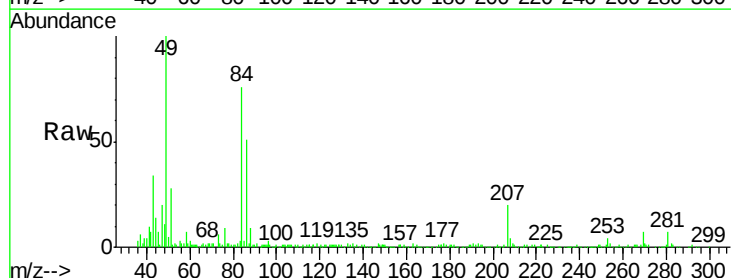
Ion Ratio Lower Upper

84 100

49 131.4 111.3 166.9

51 36.9 34.0 51.0

86 66.8 52.5 78.7



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

60000

50000

40000

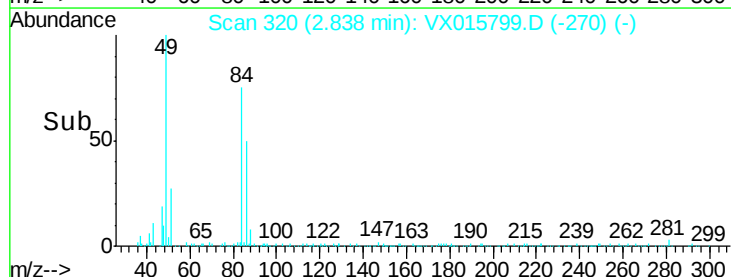
30000

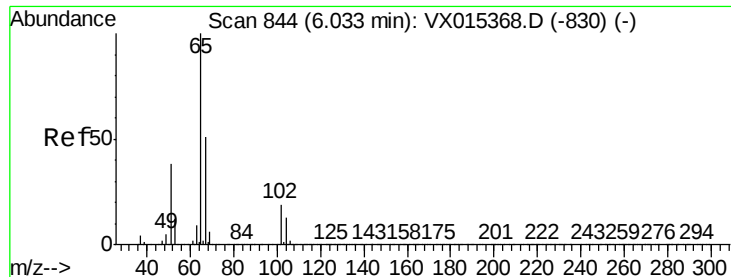
20000

10000

0

Time--> 2.80 2.90





#33

1,2-Dichloroethane-d4

Concen: 40.009 ug/l

RT: 6.04 min Scan# 845

Delta R.T. 0.01 min

Lab File: VX015799.D

Acq: 21 Apr 2020 17:02

Instrument :

MSVOA_X

ClientSampleId :

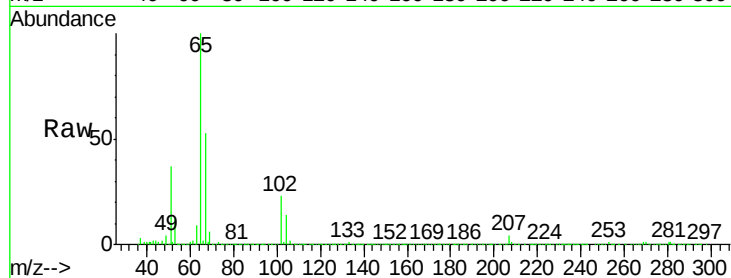
TP-4-S

Tot Ion: 65 Resp: 594731

Ion Ratio Lower Upper

65 100

67 52.3 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.04

250000

200000

150000

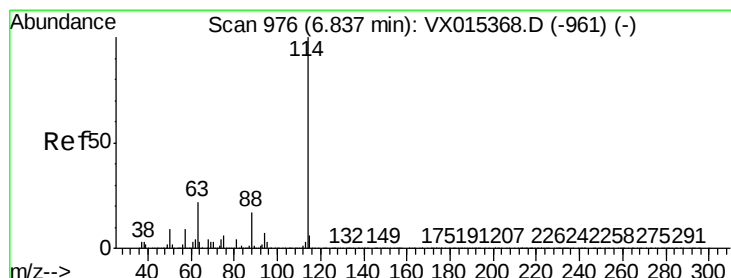
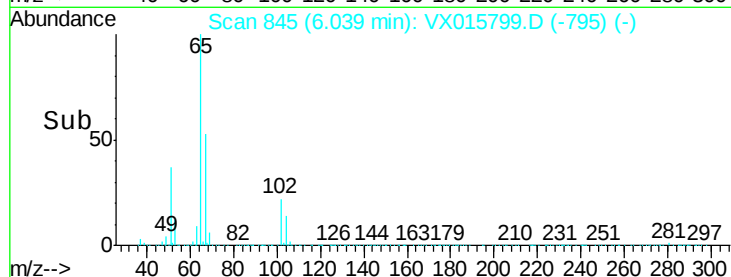
100000

50000

0

Time-->

5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 976

Delta R.T. 0.00 min

Lab File: VX015799.D

Acq: 21 Apr 2020 17:02

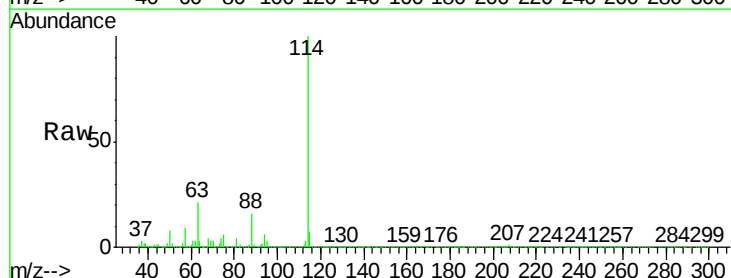
Tgt Ion: 114 Resp: 1617366

Ion Ratio Lower Upper

114 100

63 21.3 0.0 44.2

88 16.3 0.0 33.8



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

800000

600000

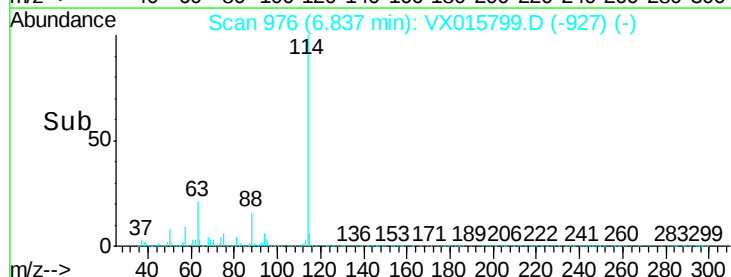
400000

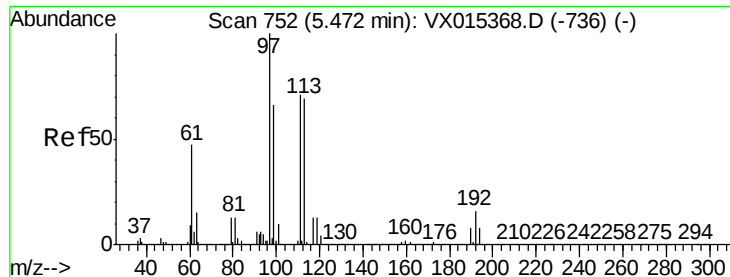
200000

0

Time-->

6.70 6.80 6.90





#35

Dibromofluoromethane

Concen: 46.894 ug/l

RT: 5.48 min Scan# 753

Delta R.T. 0.01 min

Lab File: VX015799.D

Acq: 21 Apr 2020 17:02

Instrument :

MSVOA_X

ClientSampleId :

TP-4-S

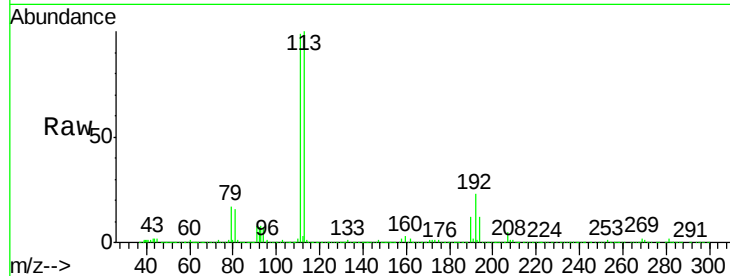
Tot Ion:113 Resp: 484818

Ion Ratio Lower Upper

113 100

111 100.7 81.5 122.3

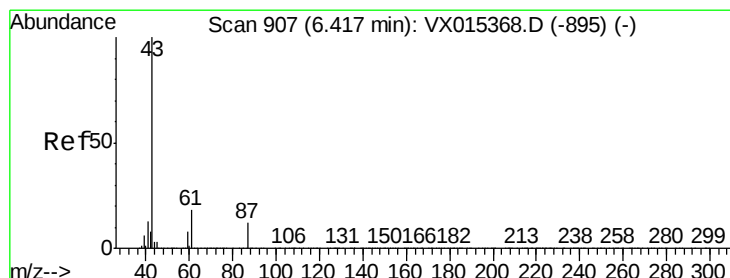
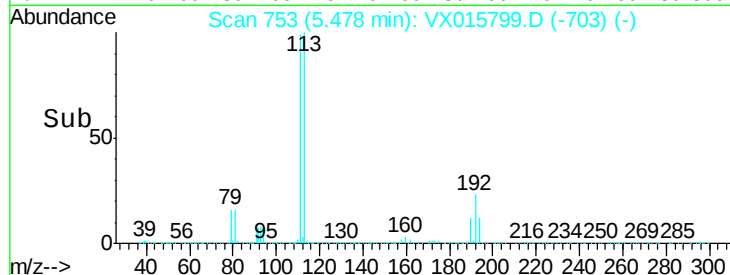
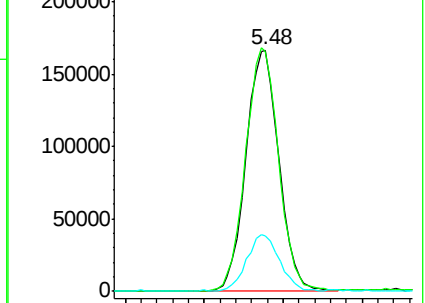
192 22.9 17.8 26.6



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



#43

Isopropyl Acetate

Concen: 11.231 ug/l

RT: 6.42 min Scan# 907

Delta R.T. 0.00 min

Lab File: VX015799.D

Acq: 21 Apr 2020 17:02

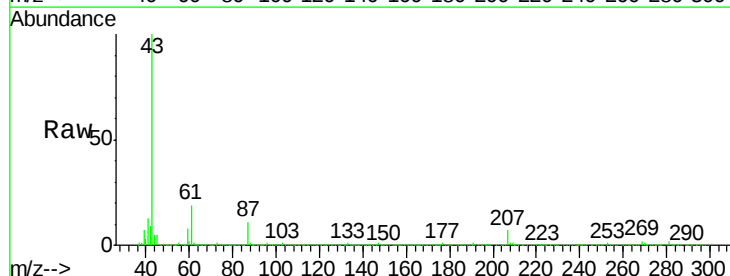
Tgt Ion: 43 Resp: 367891

Ion Ratio Lower Upper

43 100

61 18.9 14.8 22.2

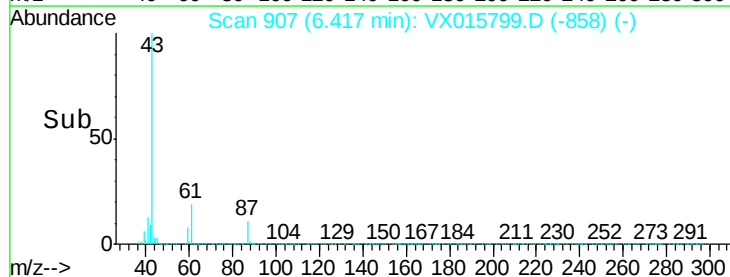
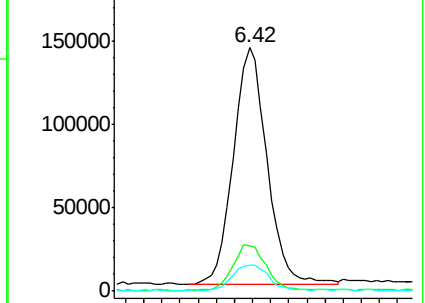
87 11.4 9.4 14.0

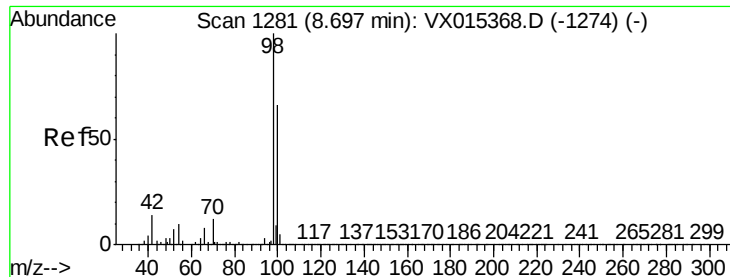


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

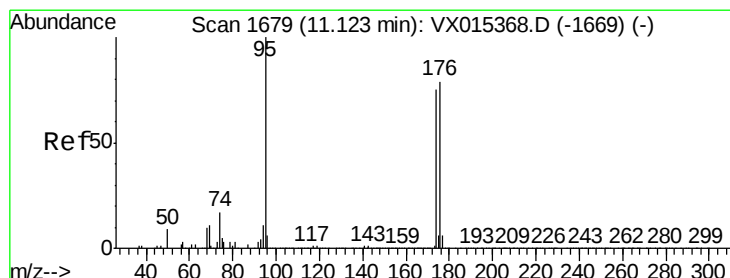
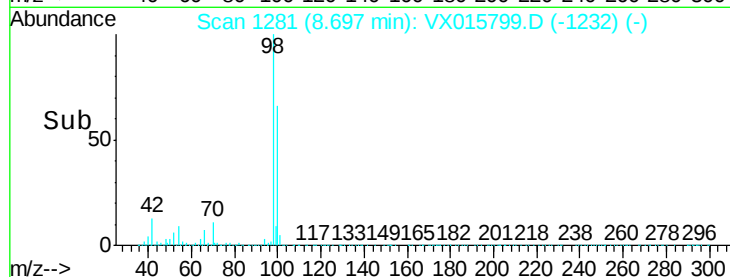
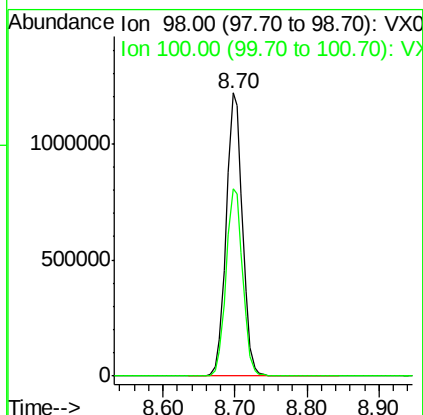
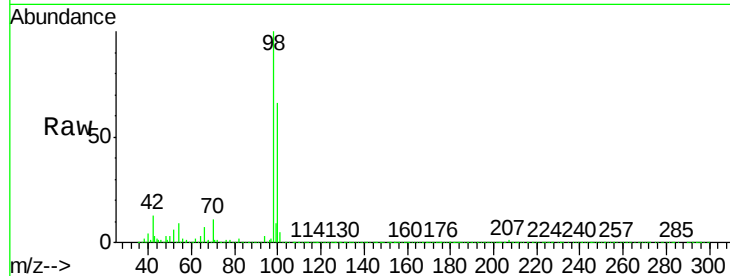




#50
Toluene-d8
Concen: 50.498 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VX015799.D
Acq: 21 Apr 2020 17:02

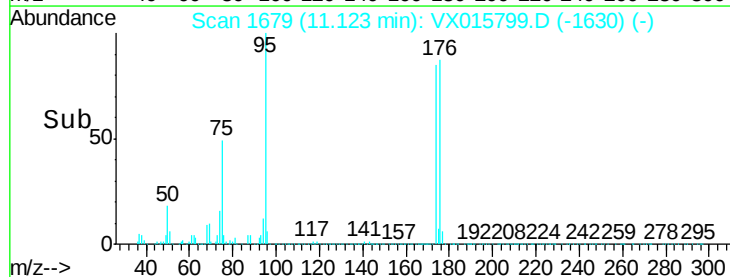
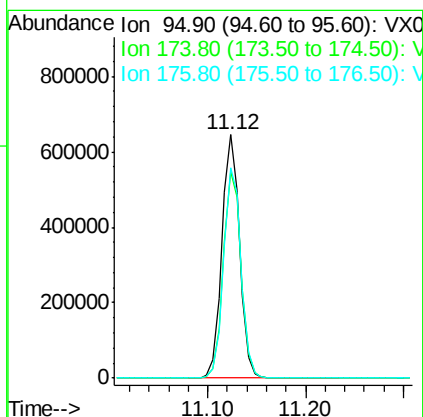
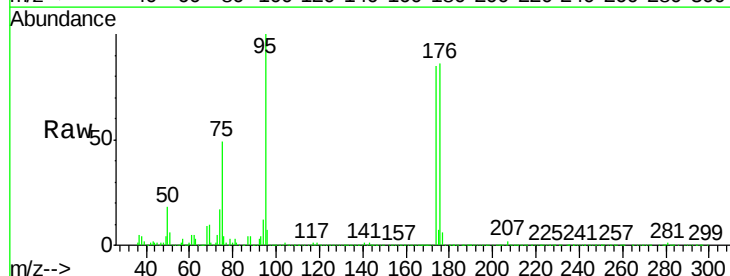
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TP-4-S

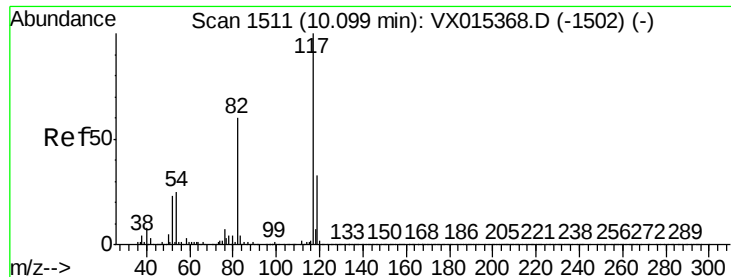
Tot Ion: 98 Resp: 1922154
Ion Ratio Lower Upper
98 100
100 67.6 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 51.993 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VX015799.D
Acq: 21 Apr 2020 17:02

Tgt Ion: 95 Resp: 804299
Ion Ratio Lower Upper
95 100
174 85.5 0.0 158.6
176 85.4 0.0 159.0

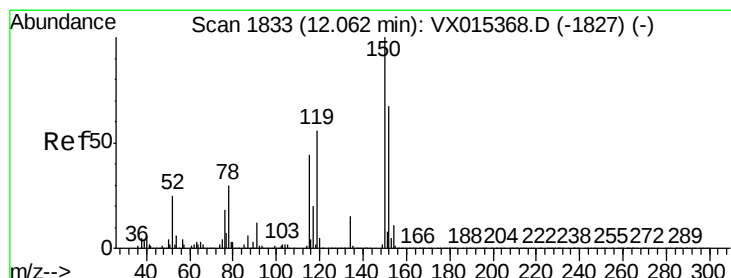
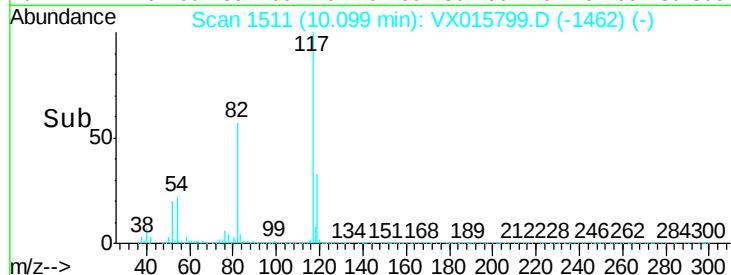
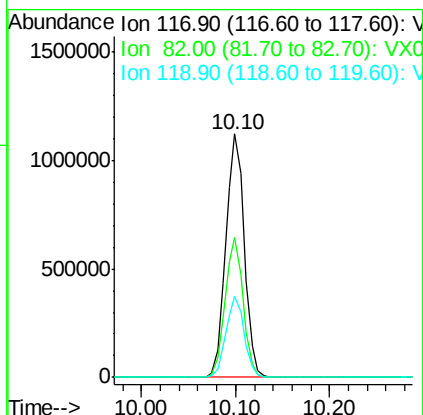
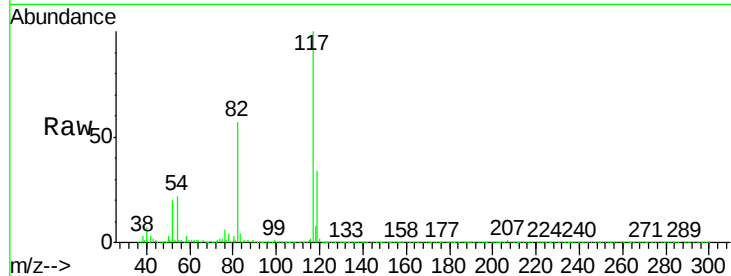




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015799.D
Acq: 21 Apr 2020 17:02

Instrument :
MSVOA_X
ClientSampled :
TP-4-S

Tot Ion:117 Resp: 1522714
Ion Ratio Lower Upper
117 100
82 57.4 47.8 71.8
119 33.5 26.8 40.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX015799.D
Acq: 21 Apr 2020 17:02

Tgt Ion:152 Resp: 879611
Ion Ratio Lower Upper
152 100
115 55.7 39.0 116.9
150 153.1 0.0 340.8

