

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042020\
 Data File : VX015771.D
 Acq On : 20 Apr 2020 17:20
 Operator : JC/SP
 Sample : L2339-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BIN-4

Quant Time: Apr 21 08:30:27 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	1069301	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1651945	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1641740	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	917332	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	653699	43.34	ug/l	0.00
Spiked Amount			Recovery	=	86.68%	
35) Dibromofluoromethane	5.47	113	520040	49.25	ug/l	0.00
Spiked Amount			Recovery	=	98.50%	
50) Toluene-d8	8.70	98	1990677	51.20	ug/l	0.00
Spiked Amount			Recovery	=	102.40%	
62) 4-Bromofluorobenzene	11.12	95	853955	54.05	ug/l	0.00
Spiked Amount			Recovery	=	108.10%	

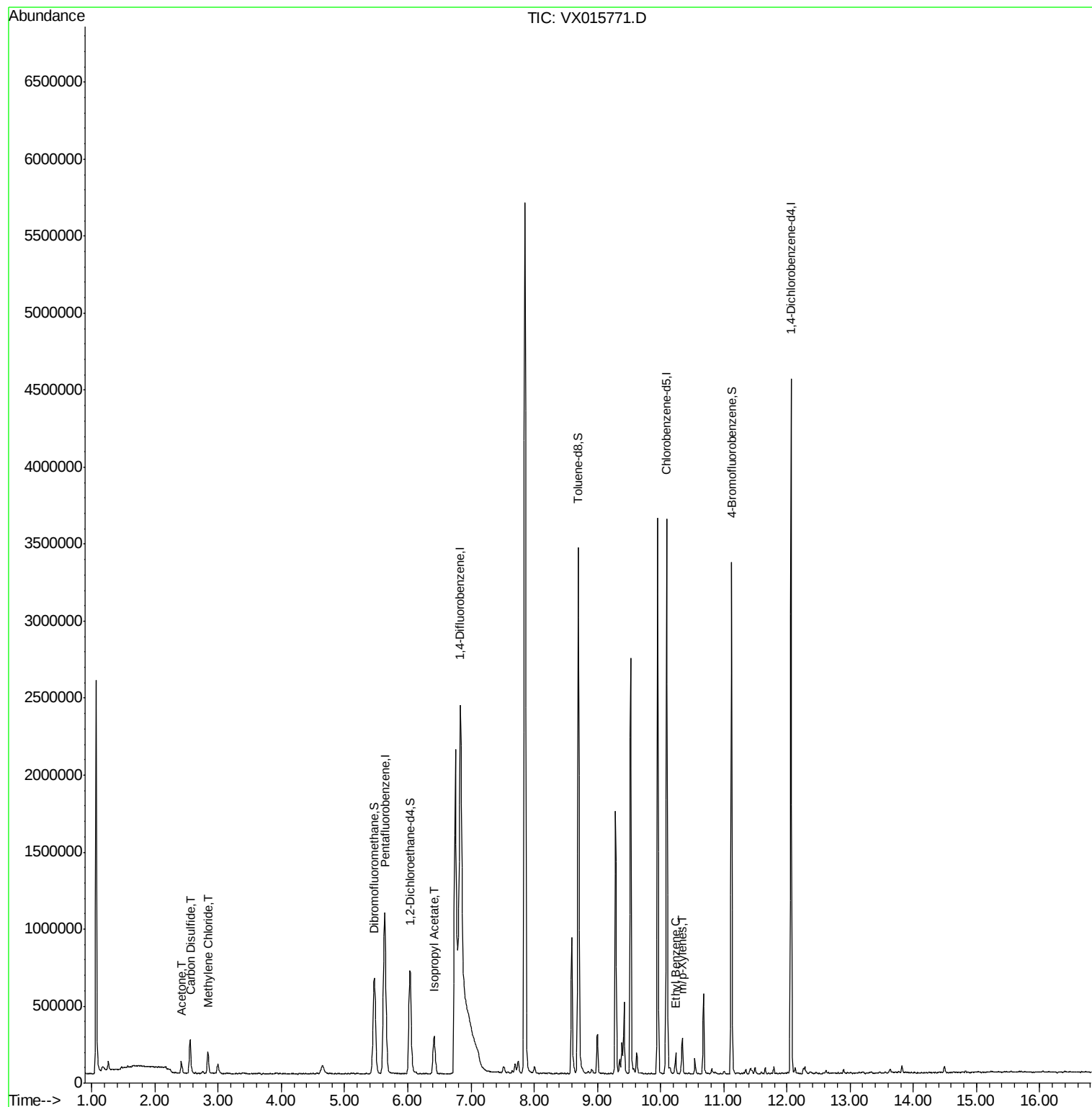
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.42	43	84758	13.081	ug/l	99
17) Carbon Disulfide	2.55	76	278942	9.058	ug/l	98
20) Methylene Chloride	2.84	84	62757	5.186	ug/l	89
43) Isopropyl Acetate	6.42	43	351351	10.502	ug/l	99
67) Ethyl Benzene	10.24	91	84248	1.451	ug/l	99
68) m/p-Xylenes	10.34	106	55701	2.576	ug/l	99

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

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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: VX015771.D

Acq: 20 Apr 2020 17:20

Instrument :

MSVOA_X

ClientSampleId :

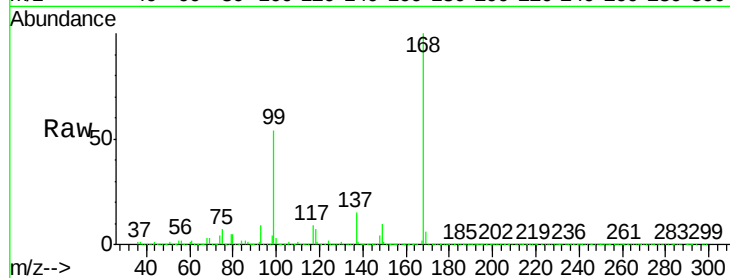
BIN-4

Tot Ion:168 Resp: 1069301

Ion Ratio Lower Upper

168 100

99 53.7 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

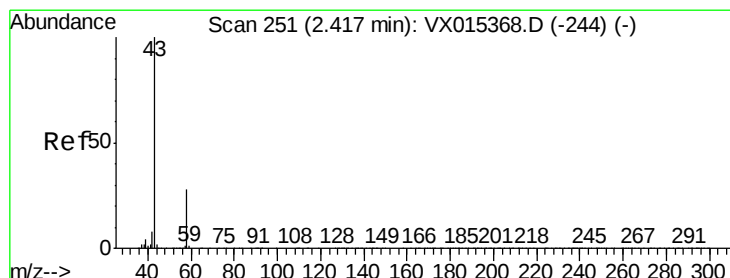
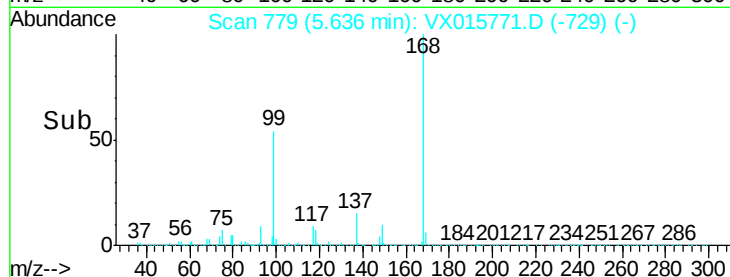
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100000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 13.081 ug/l

RT: 2.42 min Scan# 251

Delta R.T. 0.00 min

Lab File: VX015771.D

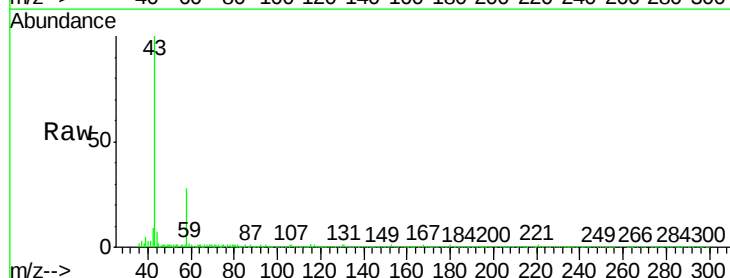
Acq: 20 Apr 2020 17:20

Tgt Ion: 43 Resp: 84758

Ion Ratio Lower Upper

43 100

58 28.2 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

60000

50000

40000

30000

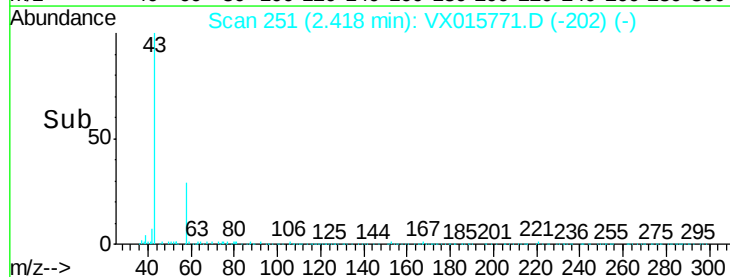
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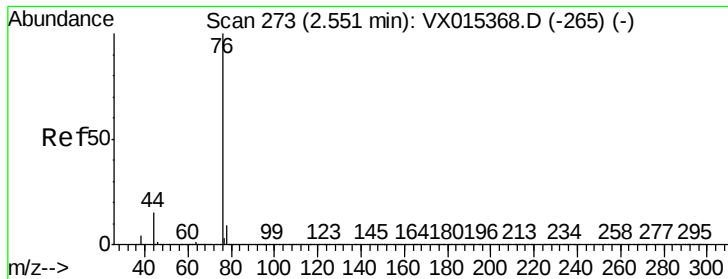
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0

Time-->

2.30 2.40 2.50

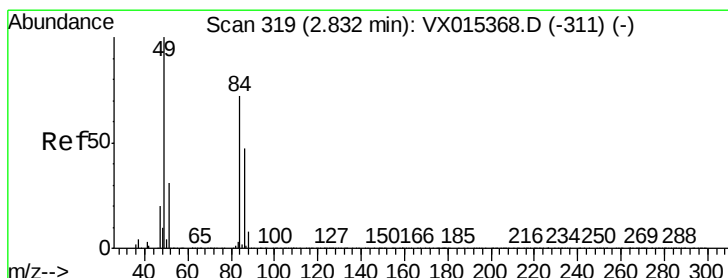
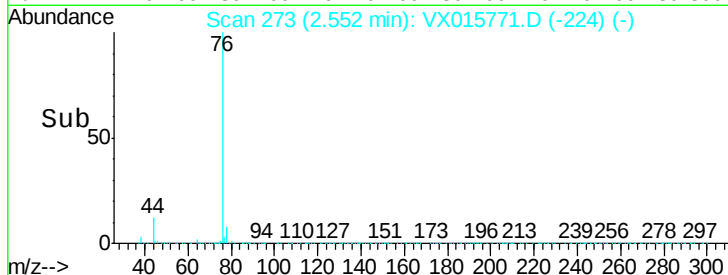
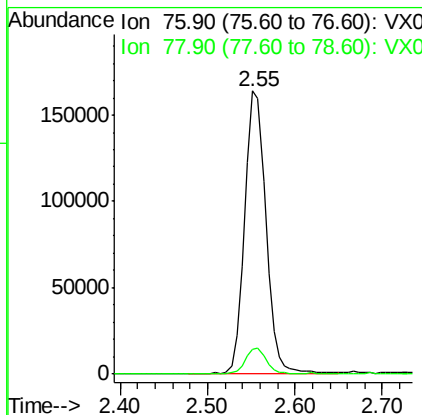
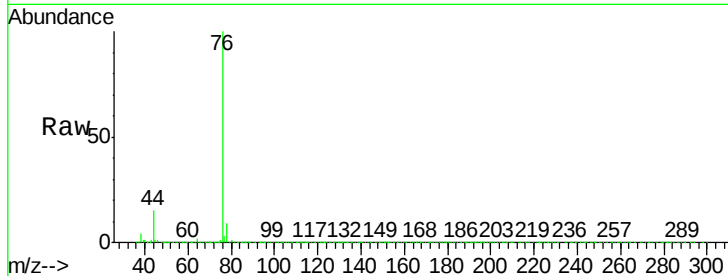




#17
Carbon Disulfide
Concen: 9.058 ug/l
RT: 2.55 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX015771.D
Acq: 20 Apr 2020 17:20

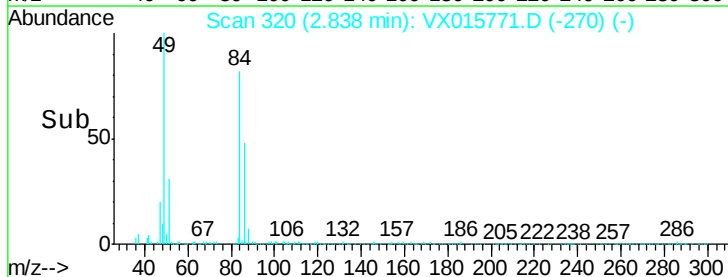
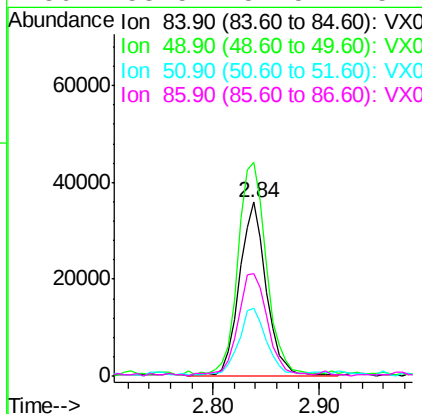
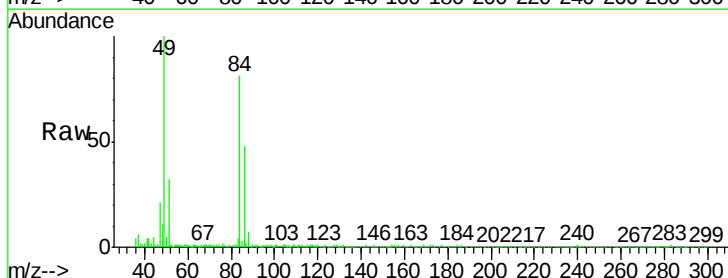
Instrument :
MSVOA_X
ClientSampleId :
BIN-4

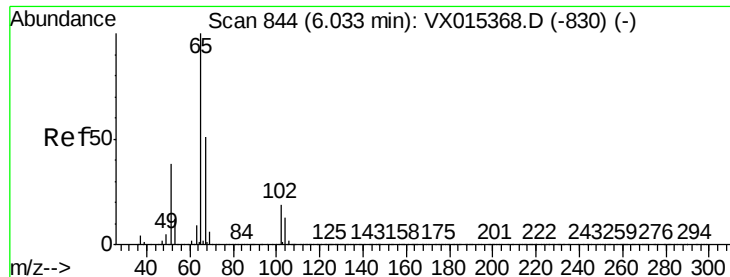
Tot Ion: 76 Resp: 278942
Ion Ratio Lower Upper
76 100
78 8.3 7.1 10.7



#20
Methylene Chloride
Concen: 5.186 ug/l
RT: 2.84 min Scan# 320
Delta R.T. 0.01 min
Lab File: VX015771.D
Acq: 20 Apr 2020 17:20

Tgt Ion: 84 Resp: 62757
Ion Ratio Lower Upper
84 100
49 122.2 111.3 166.9
51 38.0 34.0 51.0
86 58.5 52.5 78.7





#33

1,2-Dichloroethane-d4

Concen: 43.345 ug/l

RT: 6.03 min Scan# 844

Delta R.T. 0.00 min

Lab File: VX015771.D

Acq: 20 Apr 2020 17:20

Instrument :

MSVOA_X

ClientSampled :

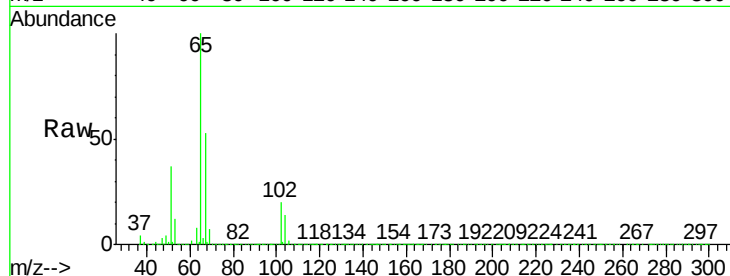
BIN-4

Tot Ion: 65 Resp: 653699

Ion Ratio Lower Upper

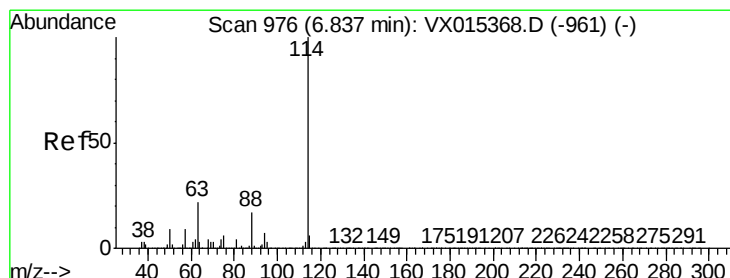
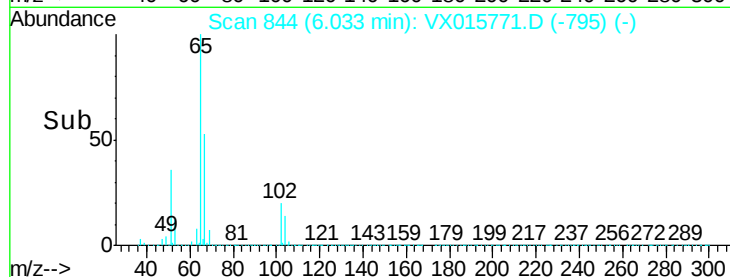
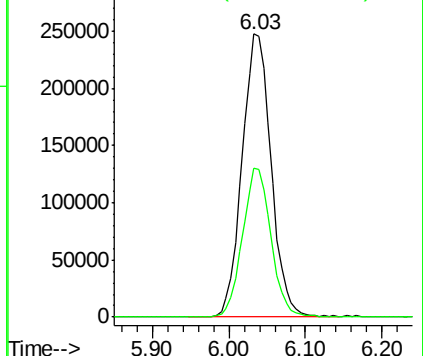
65 100

67 51.2 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: 50.000 ug/l

RT: 6.83 min Scan# 975

Delta R.T. -0.01 min

Lab File: VX015771.D

Acq: 20 Apr 2020 17:20

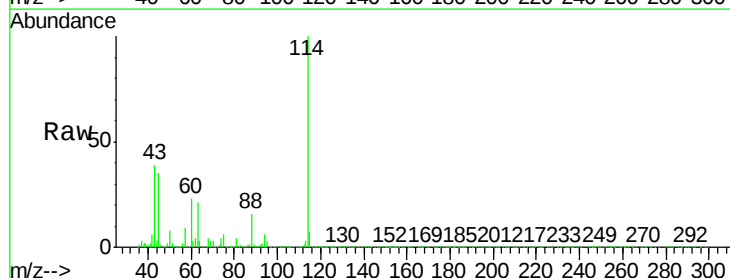
Tgt Ion: 114 Resp: 1651945

Ion Ratio Lower Upper

114 100

63 21.2 0.0 44.2

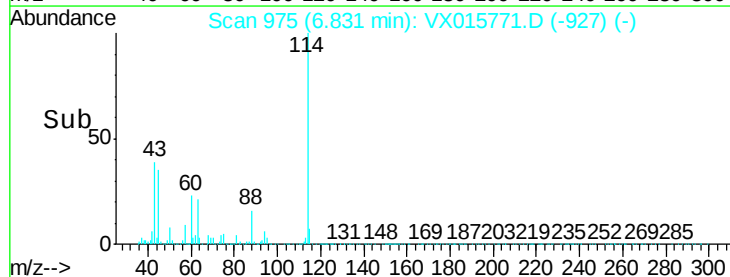
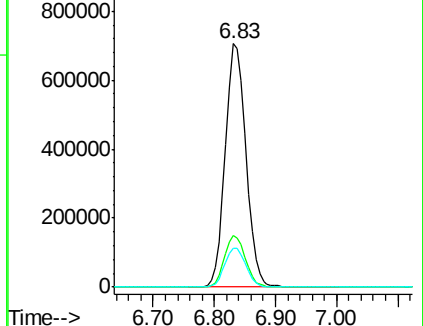
88 15.9 0.0 33.8

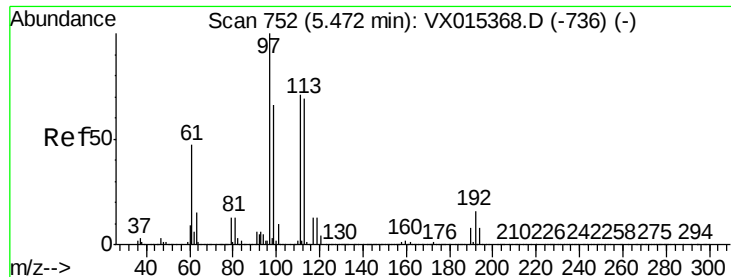


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

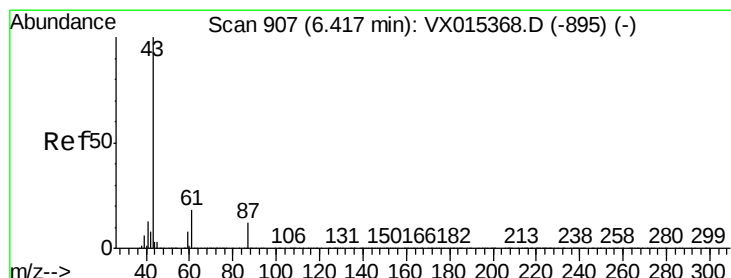
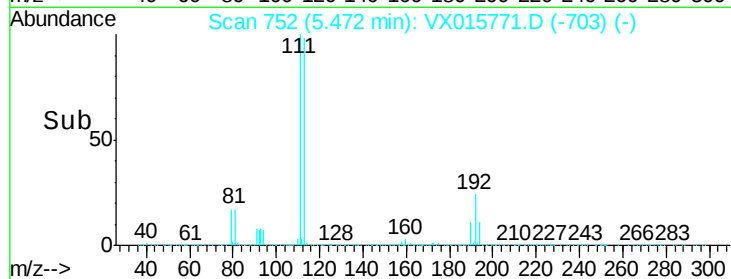
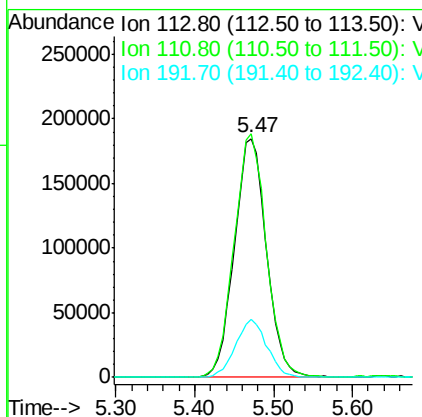
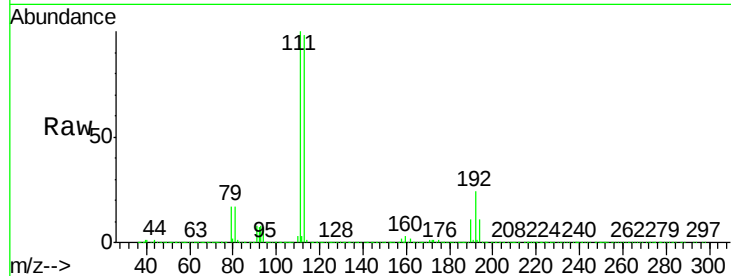




#35
 Dibromofluoromethane
 Concen: 49.248 ug/l
 RT: 5.47 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: VX015771.D
 Acq: 20 Apr 2020 17:20

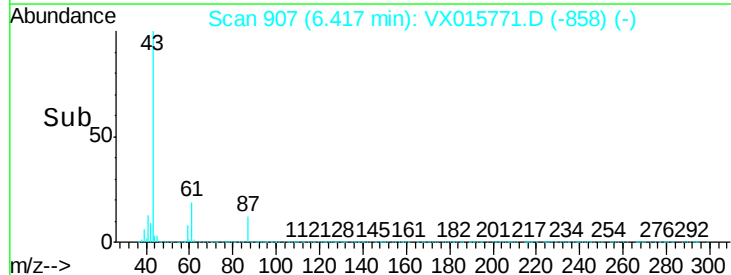
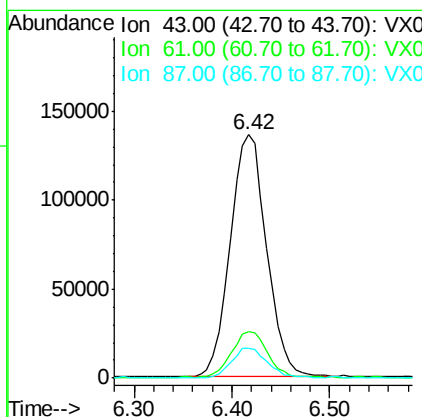
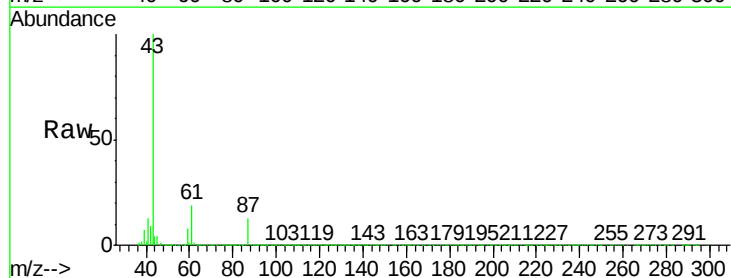
Instrument :
 MSVOA_X
 ClientSampled :
 BIN-4

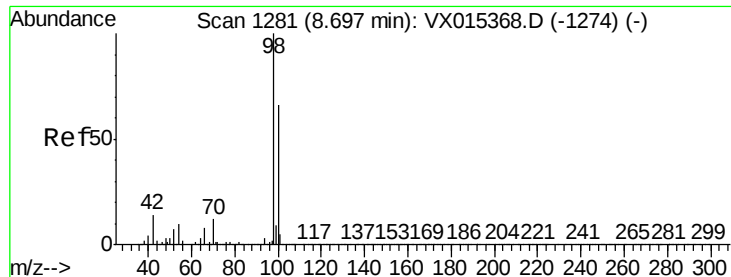
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.5	122.3
192	23.8	17.8	26.6



#43
 Isopropyl Acetate
 Concen: 10.502 ug/l
 RT: 6.42 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: VX015771.D
 Acq: 20 Apr 2020 17:20

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.1	14.8	22.2
87	12.2	9.4	14.0





#50

Toluene-d8

Concen: 51.203 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015771.D

Acq: 20 Apr 2020 17:20

Instrument :

MSVOA_X

ClientSampleId :

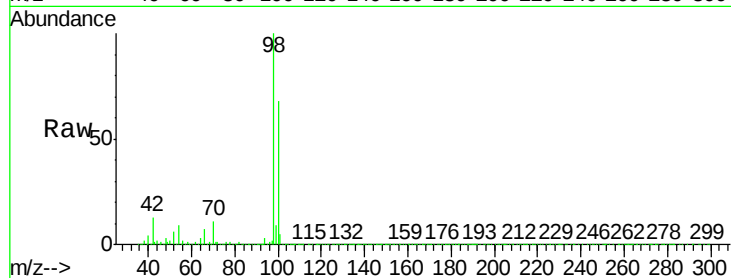
BIN-4

Tot Ion: 98 Resp: 1990677

Ion Ratio Lower Upper

98 100

100 67.0 53.5 80.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

1500000

8.70

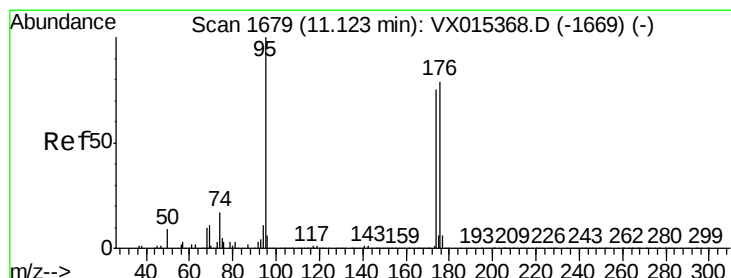
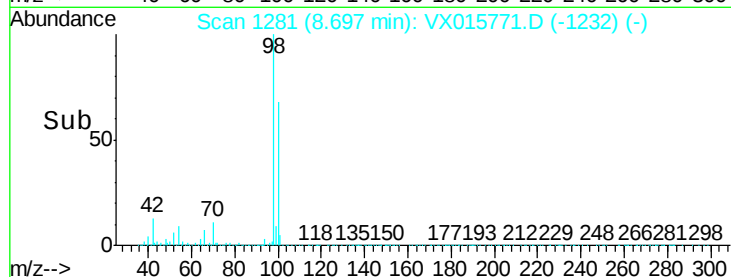
1000000

500000

0

Time-->

8.60 8.70 8.80 8.90



#62

4-Bromofluorobenzene

Concen: 54.048 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015771.D

Acq: 20 Apr 2020 17:20

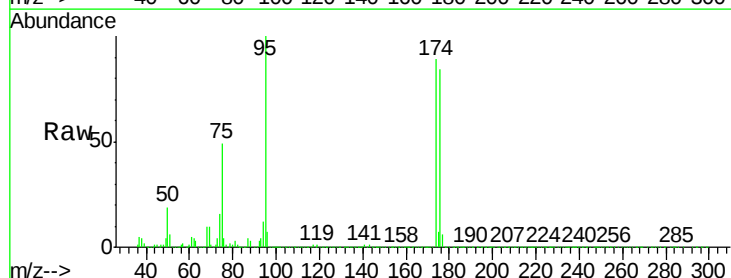
Tgt Ion: 95 Resp: 853955

Ion Ratio Lower Upper

95 100

174 86.6 0.0 158.6

176 83.3 0.0 159.0



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

800000

11.12

600000

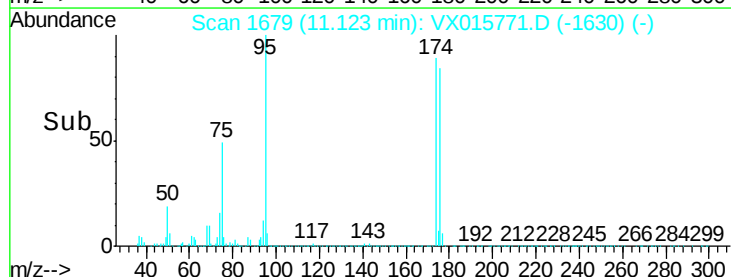
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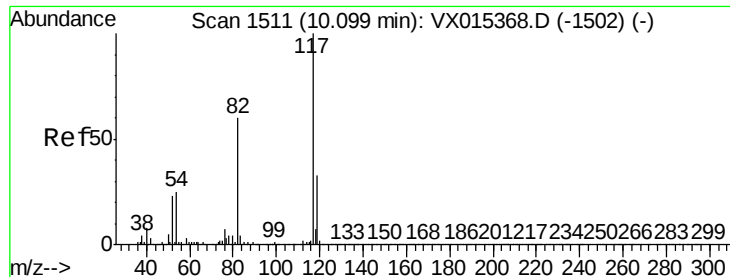
200000

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Time-->

11.10 11.20

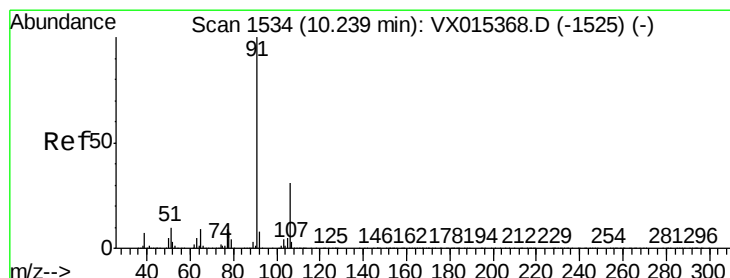
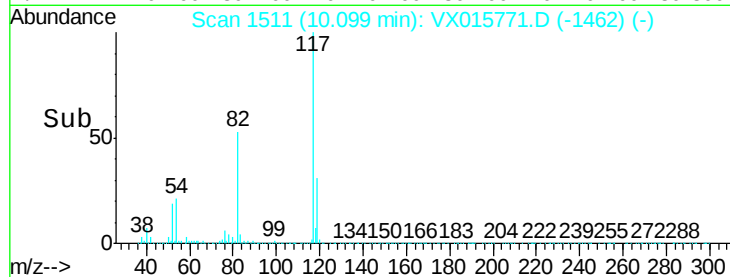
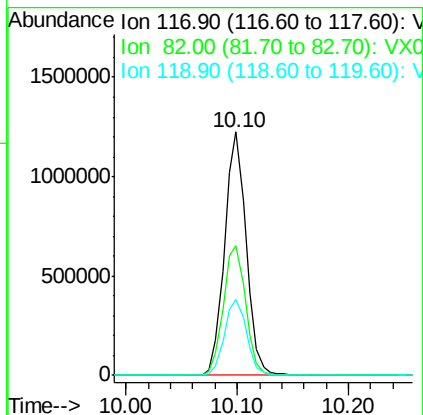
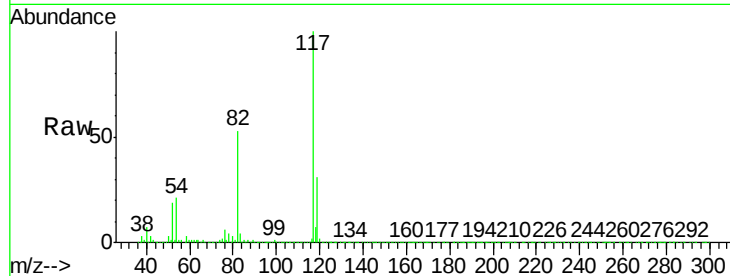




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015771.D
Acq: 20 Apr 2020 17:20

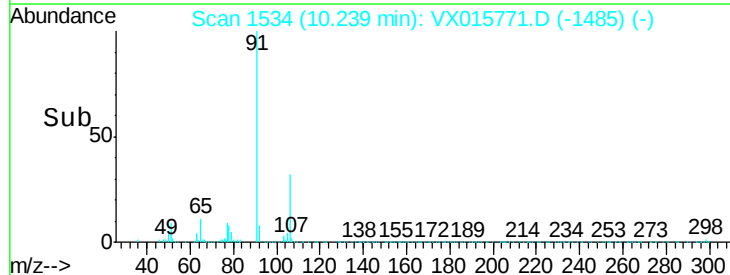
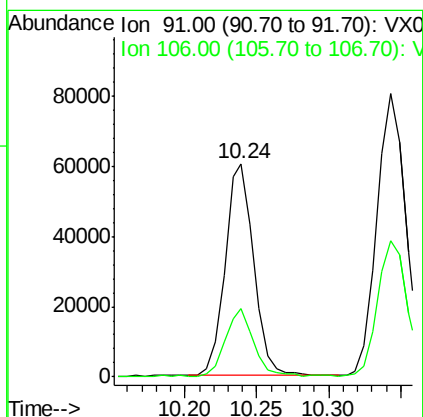
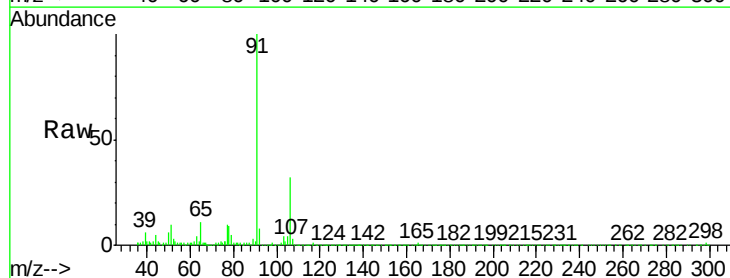
Instrument :
MSVOA_X
ClientSampleId :
BIN-4

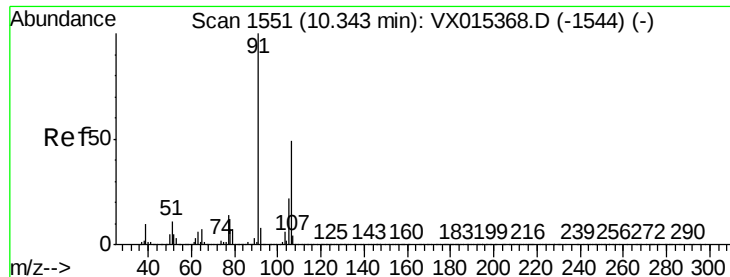
Tot Ion:117 Resp: 1641740
Ion Ratio Lower Upper
117 100
82 53.1 47.8 71.8
119 31.0 26.8 40.2



#67
Ethyl Benzene
Concen: 1.451 ug/l
RT: 10.24 min Scan# 1534
Delta R.T. 0.00 min
Lab File: VX015771.D
Acq: 20 Apr 2020 17:20

Tgt Ion: 91 Resp: 84248
Ion Ratio Lower Upper
91 100
106 31.6 24.8 37.2

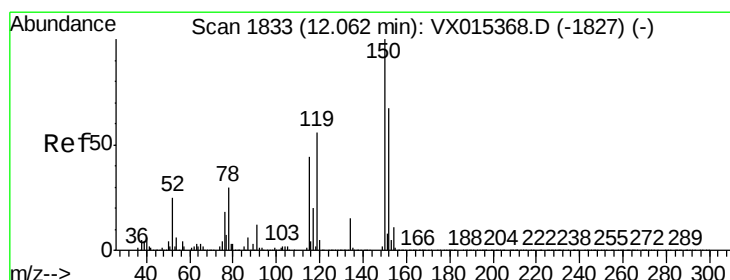
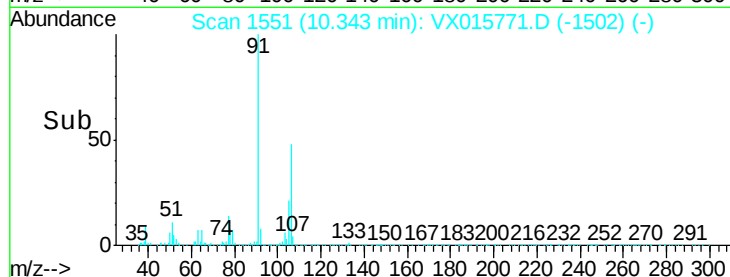
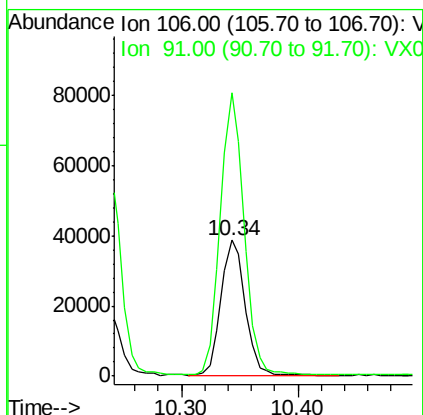
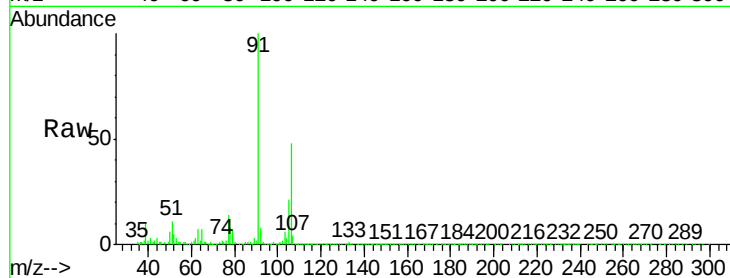




#68
m/p-Xvlenes
Concen: 2.576 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. 0.00 min
Lab File: VX015771.D
Acq: 20 Apr 2020 17:20

Instrument :
MSVOA_X
ClientSampled :
BIN-4

Tot Ion:106 Resp: 55701
Ion Ratio Lower Upper
106 100
91 202.2 163.4 245.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX015771.D
Acq: 20 Apr 2020 17:20

Tgt Ion:152 Resp: 917332
Ion Ratio Lower Upper
152 100
115 55.6 39.0 116.9
150 156.7 0.0 340.8

