

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111319\
 Data File : VX013404.D
 Acq On : 13 Nov 2019 13:58
 Operator : JC/SP
 Sample : K5802-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0675

Quant Time: Nov 14 07:18:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

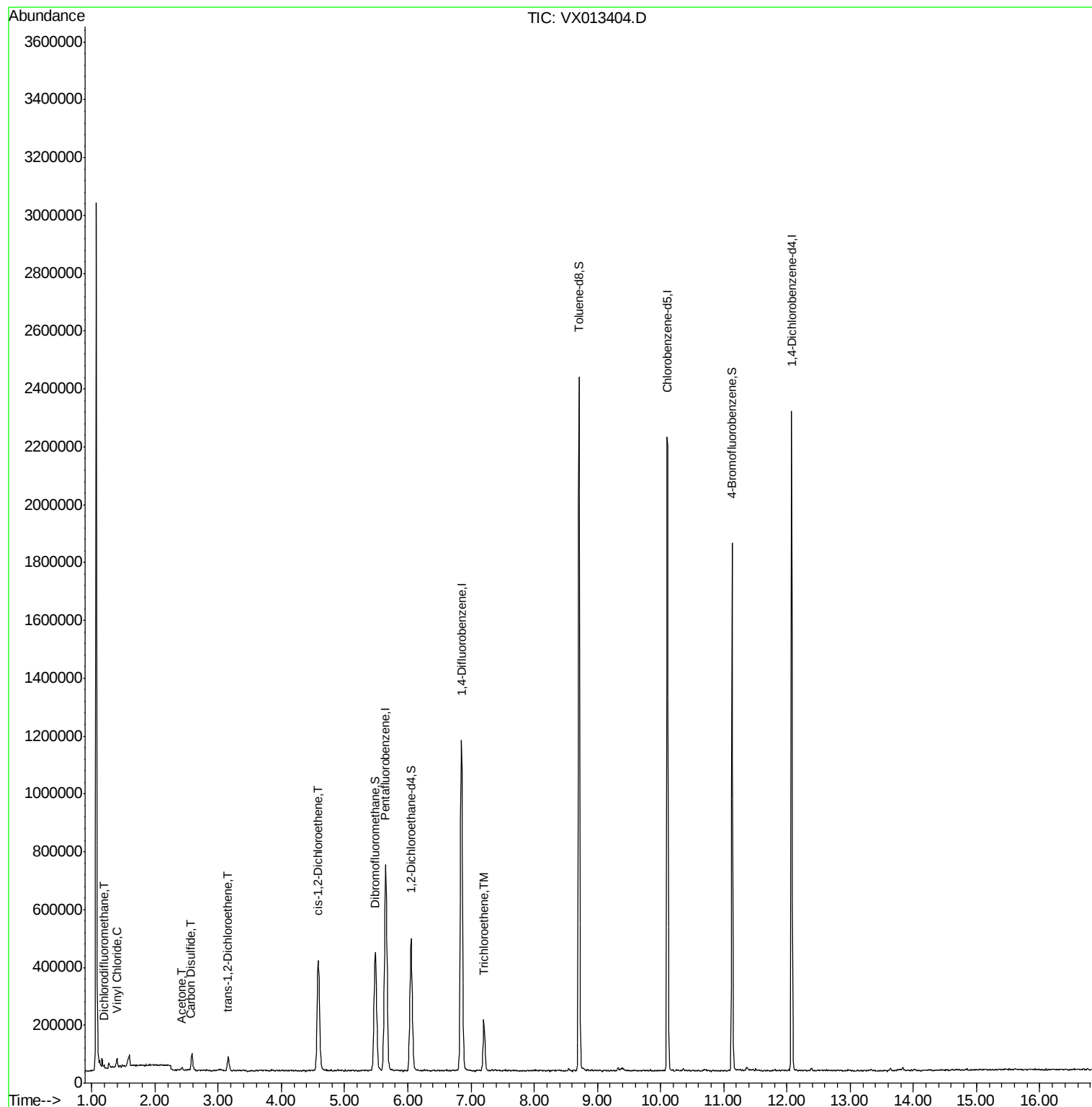
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	745728	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1191329	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	1058323	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	489804	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	425952	48.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.42%	
35) Dibromofluoromethane	5.49	113	359025	48.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.10%	
50) Toluene-d8	8.71	98	1405310	49.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.78%	
62) 4-Bromofluorobenzene	11.14	95	475640	46.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.58%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.19	85	8273	0.963	ug/l	84
4) Vinyl Chloride	1.40	62	19367	1.826	ug/l	99
16) Acetone	2.42	43	10054	2.282	ug/l #	87
17) Carbon Disulfide	2.56	76	5673	0.310	ug/l #	91
21) trans-1,2-Dichloroethene	3.15	96	21166	2.842	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	246355	29.527	ug/l	89
44) Trichloroethene	7.21	130	74740	8.529	ug/l	96

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX013404.D

Acq: 13 Nov 2019 13:58

Instrument :

MSVOA_X

ClientSampleId :

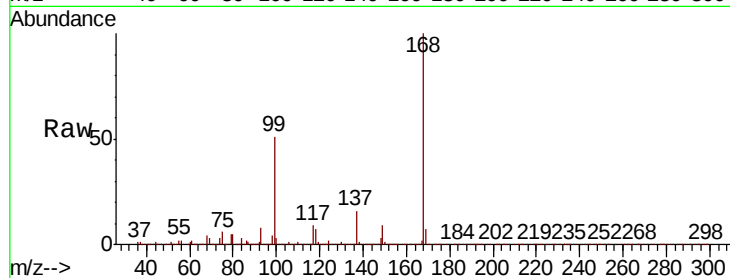
S32-0675

Tot Ion:168 Resp: 745728

Ion Ratio Lower Upper

168 100

99 51.4 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

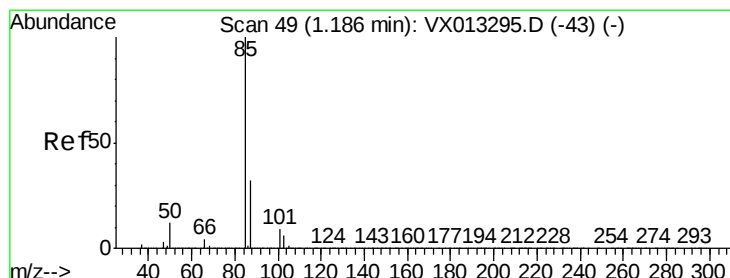
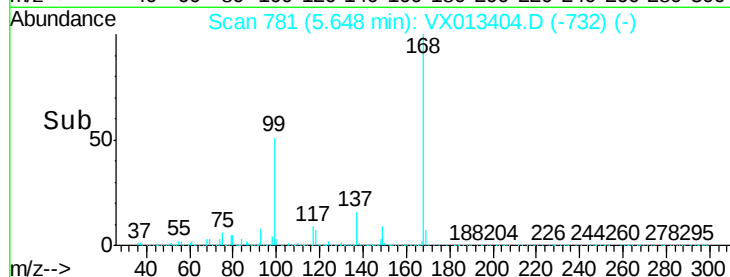
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 0.963 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX013404.D

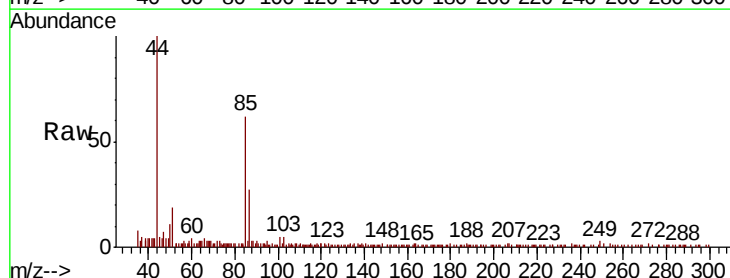
Acq: 13 Nov 2019 13:58

Tgt Ion: 85 Resp: 8273

Ion Ratio Lower Upper

85 100

87 40.7 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

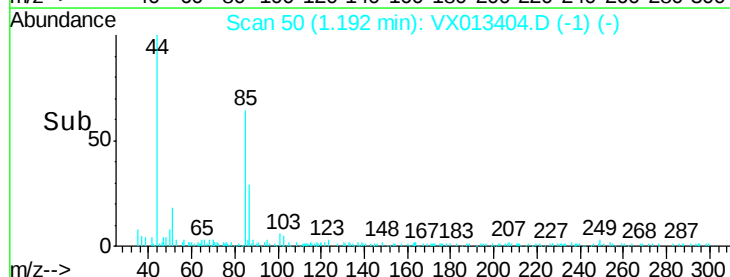
6000

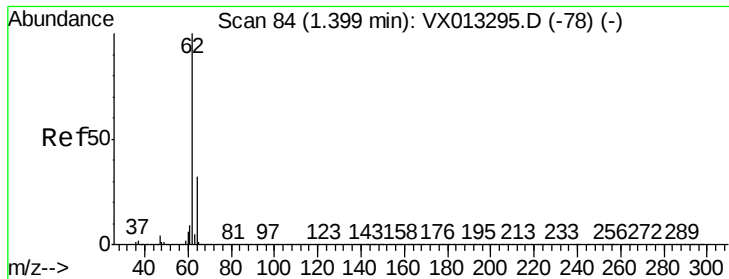
4000

2000

0

Time-->





#4

Vinyl Chloride

Concen: 1.826 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013404.D

Acq: 13 Nov 2019 13:58

Instrument :

MSVOA_X

ClientSampleId :

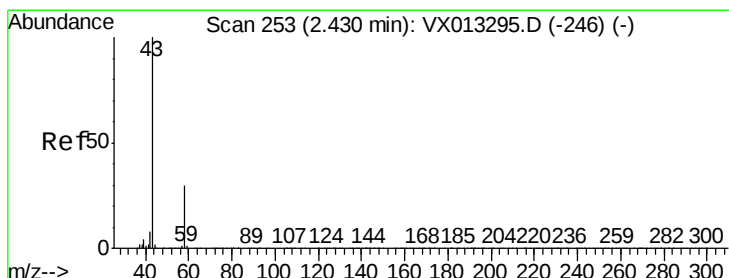
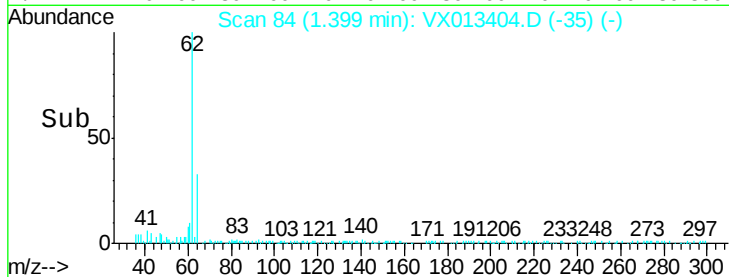
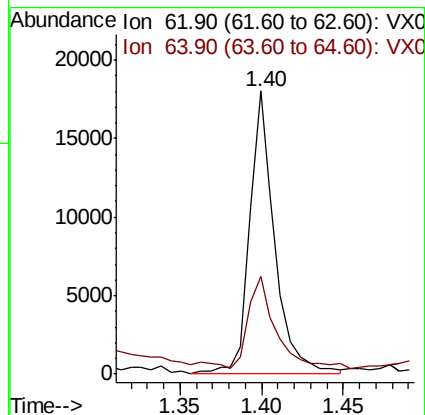
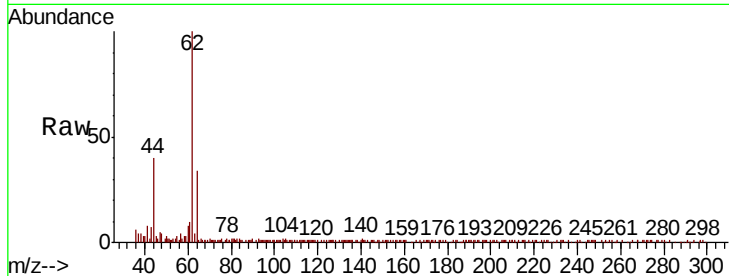
S32-0675

Tot Ion: 62 Resp: 19367

Ion Ratio Lower Upper

62 100

64 31.5 25.6 38.4



#16

Acetone

Concen: 2.282 ug/l

RT: 2.42 min Scan# 252

Delta R.T. -0.01 min

Lab File: VX013404.D

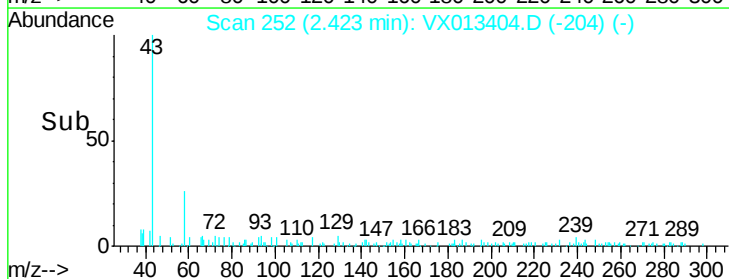
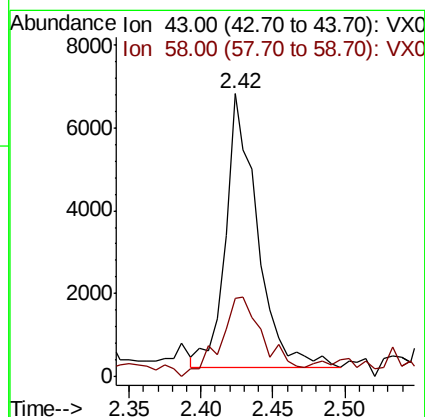
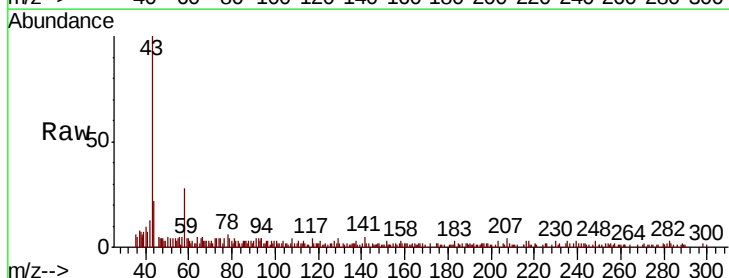
Acq: 13 Nov 2019 13:58

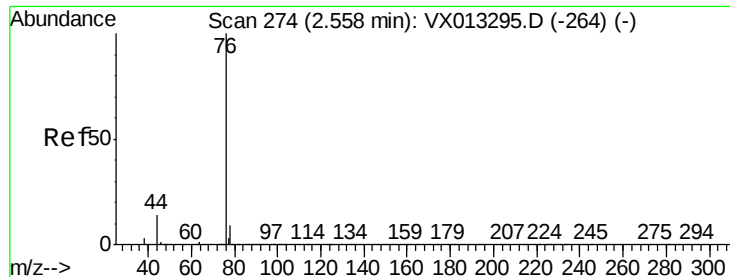
Tgt Ion: 43 Resp: 10054

Ion Ratio Lower Upper

43 100

58 23.1 24.3 36.5#





#17

Carbon Disulfide

Concen: 0.310 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX013404.D

Acq: 13 Nov 2019 13:58

Instrument :

MSVOA_X

ClientSampleId :

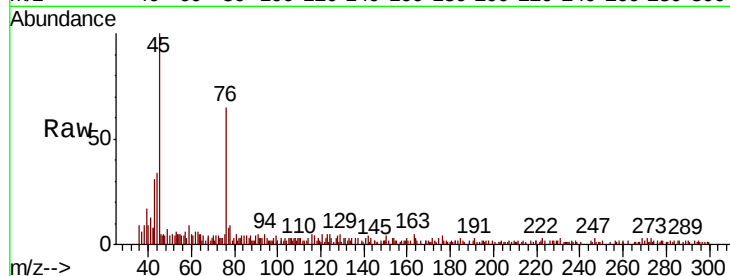
S32-0675

Tot Ion: 76 Resp: 5673

Ion Ratio Lower Upper

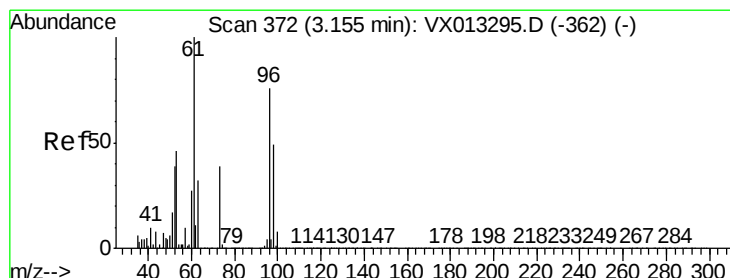
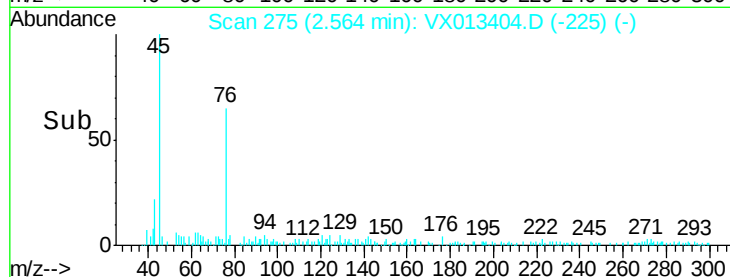
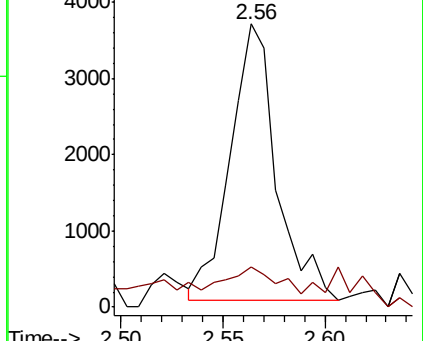
76 100

78 5.5 7.0 10.6#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#21

trans-1,2-Dichloroethene

Concen: 2.842 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013404.D

Acq: 13 Nov 2019 13:58

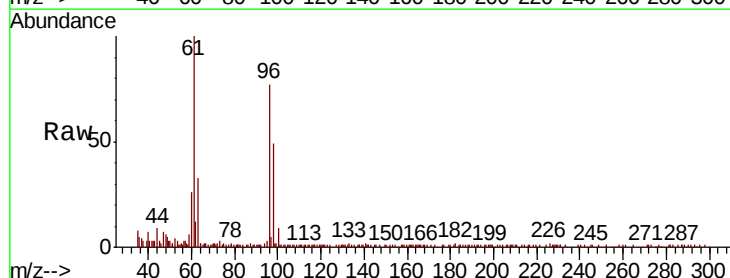
Tgt Ion: 96 Resp: 21166

Ion Ratio Lower Upper

96 100

61 129.4 105.8 158.6

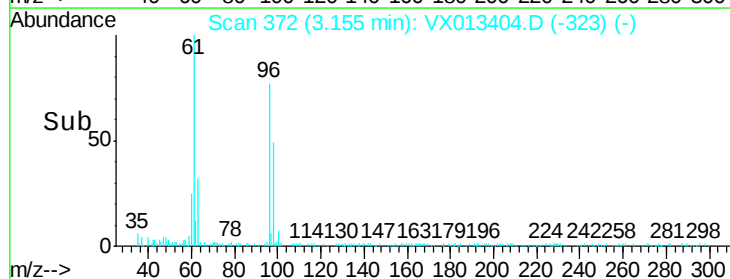
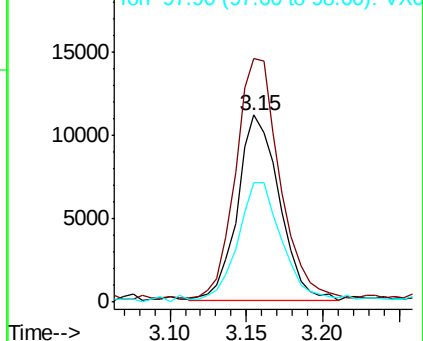
98 62.9 51.8 77.6

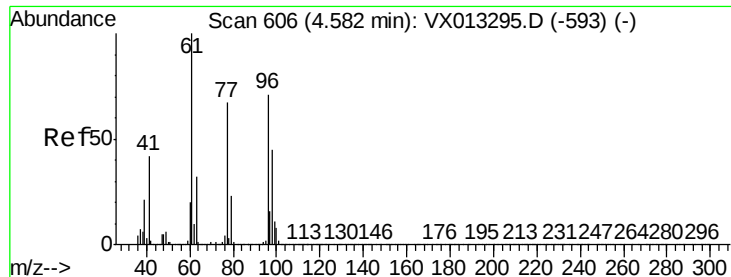


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



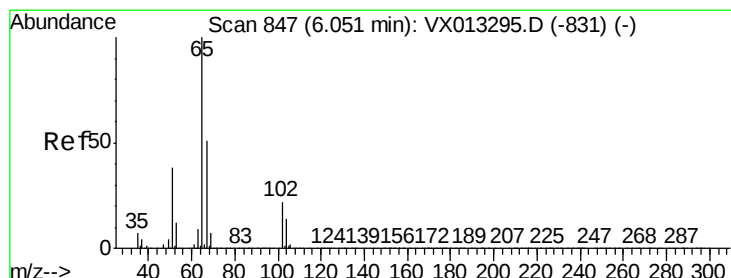
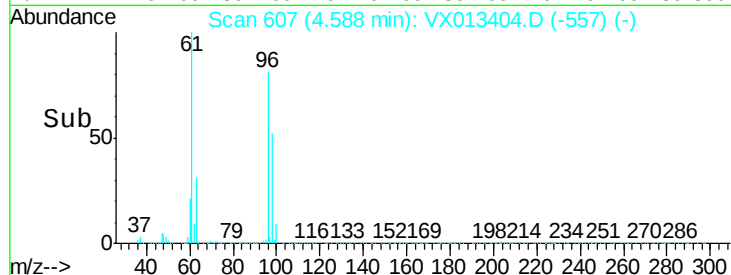
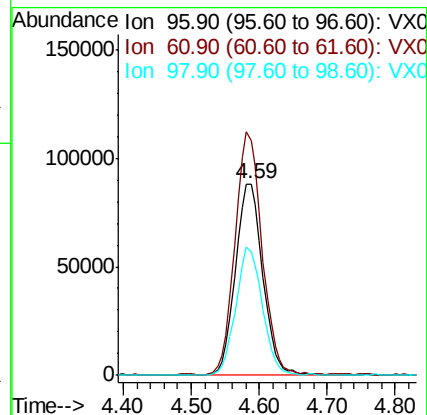
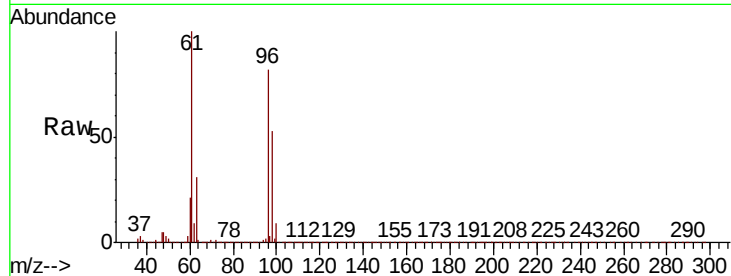


#27

cis-1,2-Dichloroethene
 Concen: 29.527 ug/l
 RT: 4.59 min Scan# 607
 Delta R.T. 0.01 min
 Lab File: VX013404.D
 Acq: 13 Nov 2019 13:58

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0675

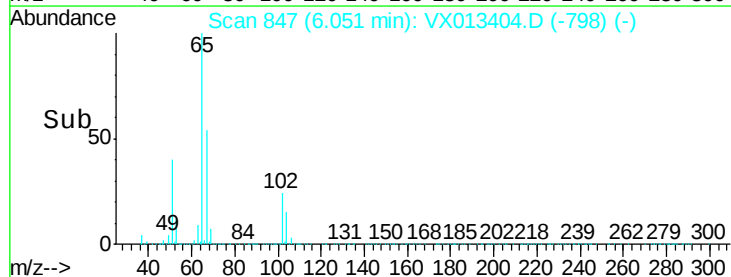
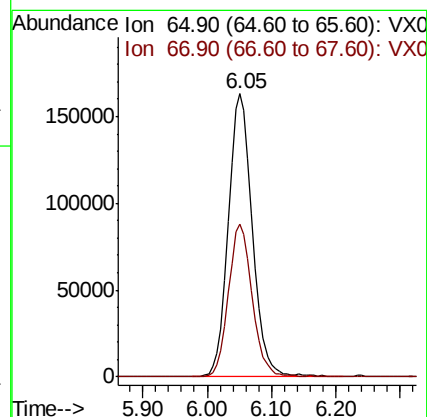
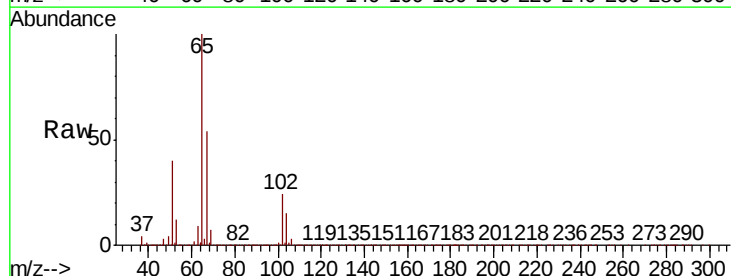
Tot Ion	Ratio	Lower	Upper
96	100		
61	124.9	0.0	288.0
98	64.6	0.0	129.6

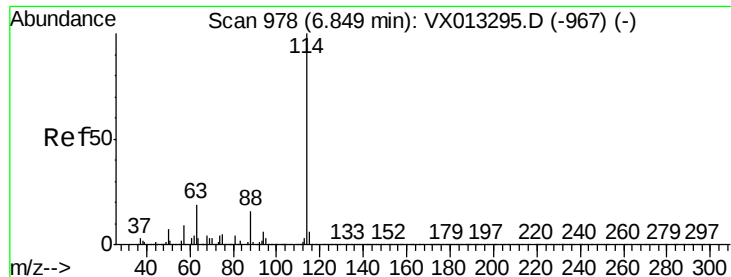


#33

1,2-Dichloroethane-d4
 Concen: 48.214 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX013404.D
 Acq: 13 Nov 2019 13:58

Tgt Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	104.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013404.D

Acq: 13 Nov 2019 13:58

Instrument :

MSVOA_X

ClientSampleId :

S32-0675

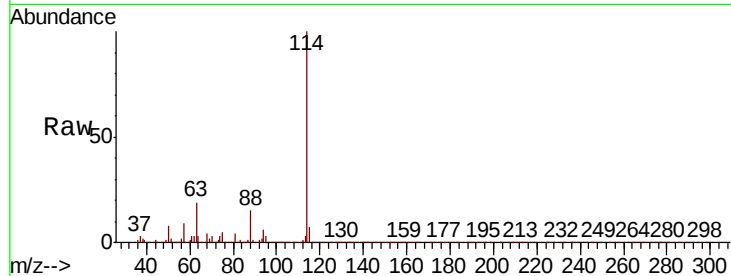
Tot Ion:114 Resp: 1191329

Ion Ratio Lower Upper

114 100

63 19.3 0.0 38.4

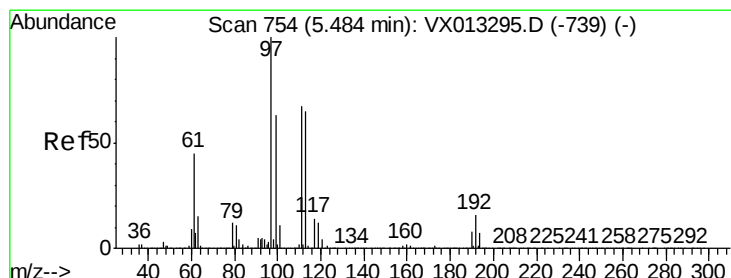
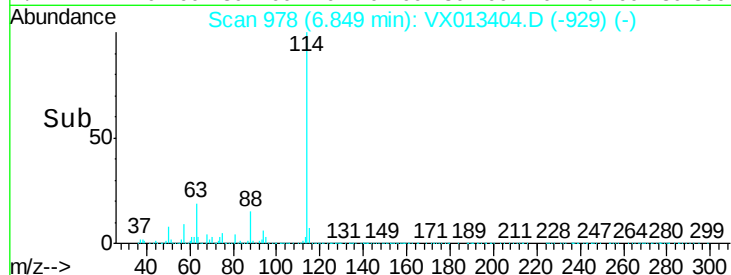
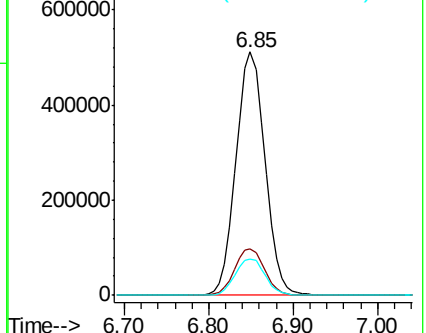
88 15.0 0.0 32.2



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: 48.048 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX013404.D

Acq: 13 Nov 2019 13:58

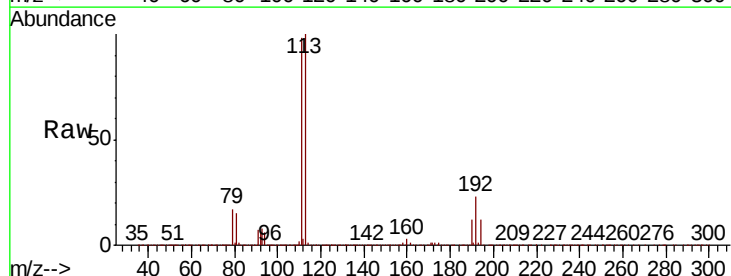
Tgt Ion:113 Resp: 359025

Ion Ratio Lower Upper

113 100

111 102.0 81.9 122.9

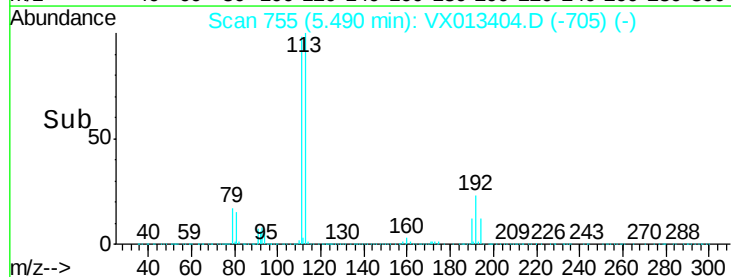
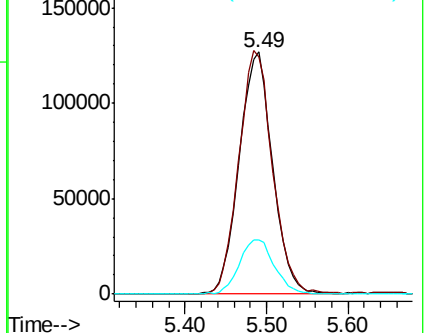
192 23.8 19.1 28.7

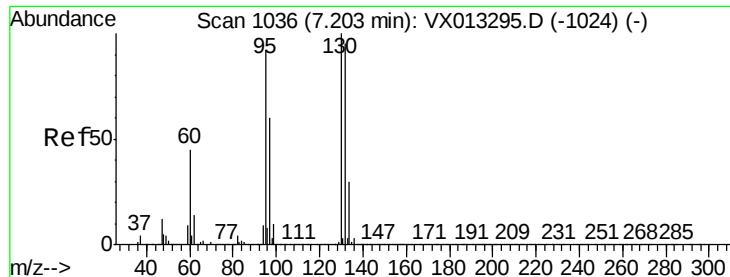


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 8.529 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013404.D

Acq: 13 Nov 2019 13:58

Instrument :

MSVOA_X

ClientSampleId :

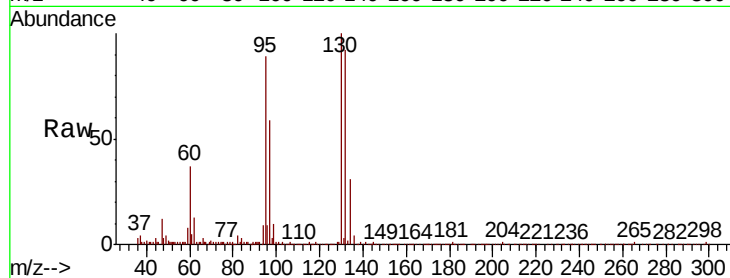
S32-0675

Tot Ion:130 Resp: 74740

Ion Ratio Lower Upper

130 100

95 88.8 0.0 184.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

40000

30000

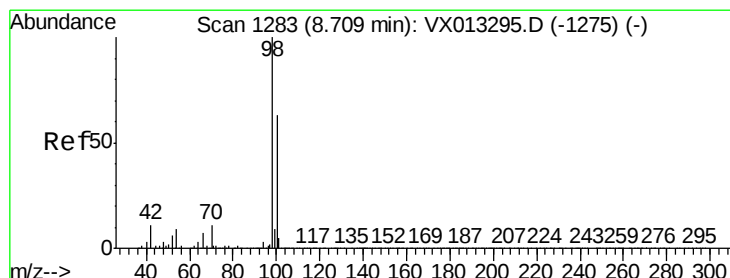
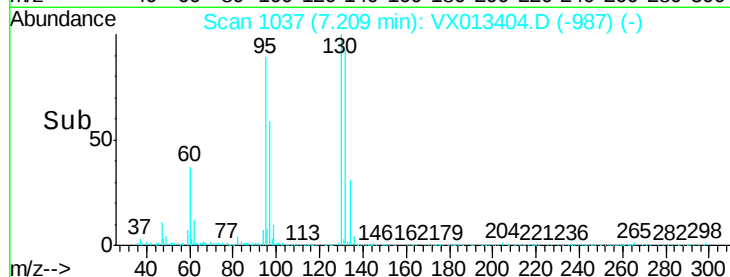
20000

10000

0

Time-->

7.10 7.15 7.20 7.25 7.30



#50

Toluene-d8

Concen: 49.888 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013404.D

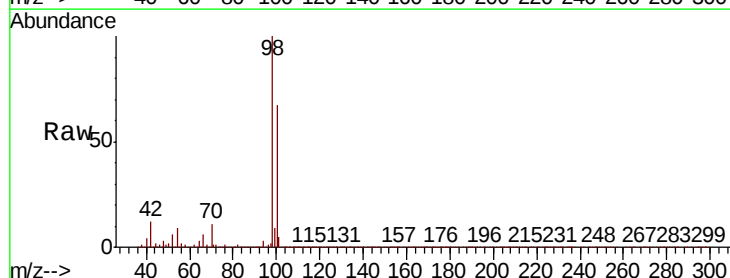
Acq: 13 Nov 2019 13:58

Tgt Ion: 98 Resp: 1405310

Ion Ratio Lower Upper

98 100

100 65.7 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

1000000

800000

600000

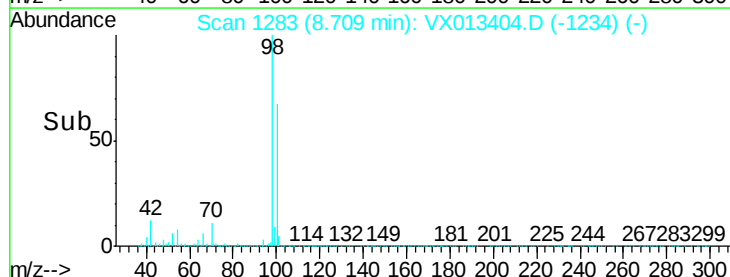
400000

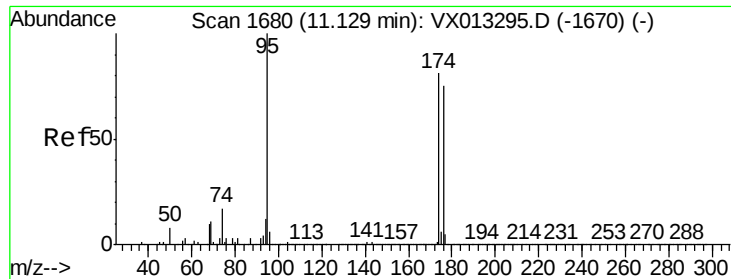
200000

0

Time-->

8.60 8.70 8.80

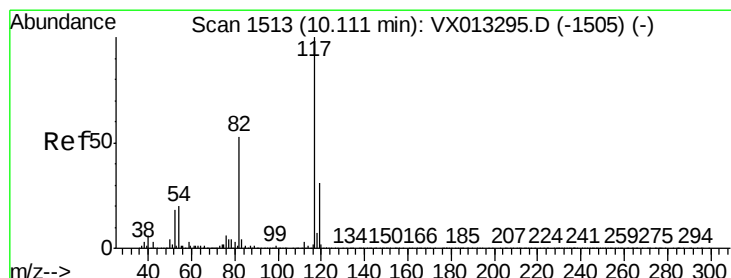
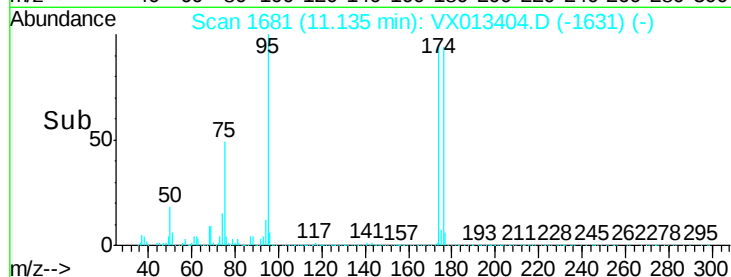
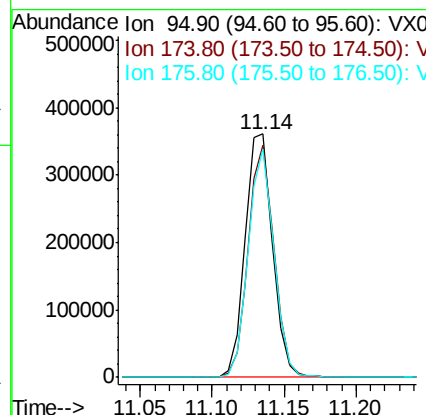
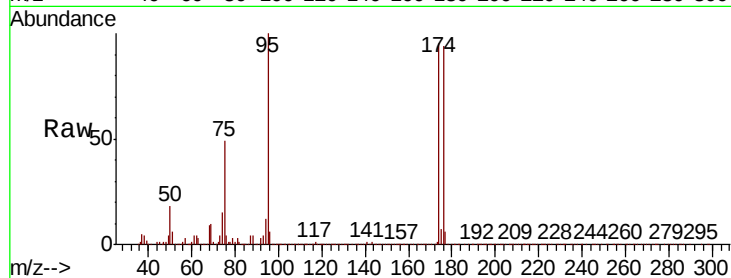




#62
4-Bromofluorobenzene
Concen: 46.785 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX013404.D
Acq: 13 Nov 2019 13:58

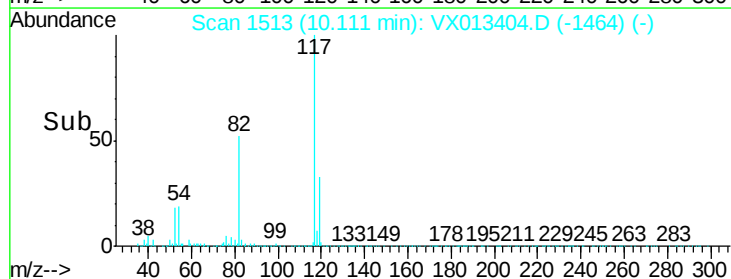
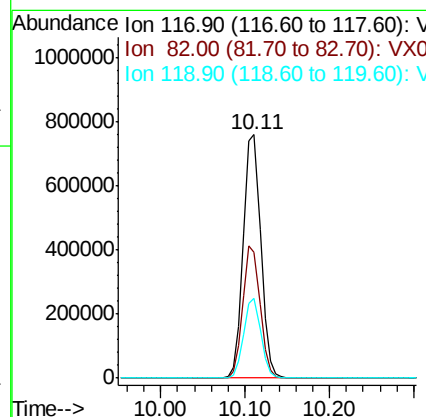
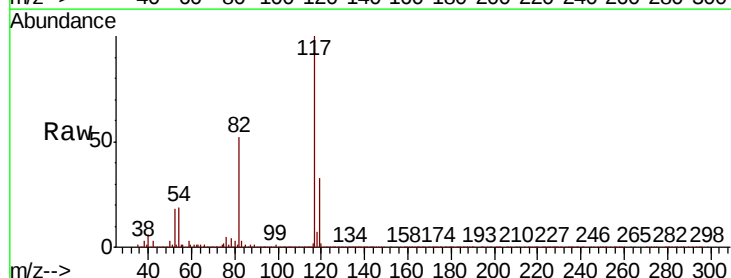
Instrument :
MSVOA_X
ClientSampleId :
S32-0675

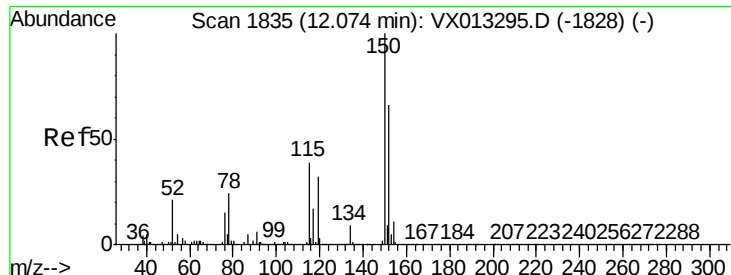
Tot Ion: 95 Resp: 475640
Ion Ratio Lower Upper
95 100
174 89.6 0.0 179.8
176 87.9 0.0 173.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013404.D
Acq: 13 Nov 2019 13:58

Tgt Ion: 117 Resp: 1058323
Ion Ratio Lower Upper
117 100
82 51.8 42.6 64.0
119 32.6 24.8 37.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013404.D

Acq: 13 Nov 2019 13:58

Instrument :

MSVOA_X

ClientSampleId :

S32-0675

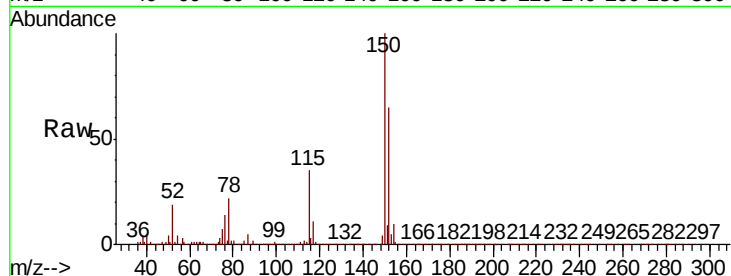
Tot Ion:152 Resp: 489804

Ion Ratio Lower Upper

152 100

115 54.3 39.5 118.3

150 154.6 0.0 344.4



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

