

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112619\
 Data File : VX013624.D
 Acq On : 27 Nov 2019 01:55
 Operator : JC/SP
 Sample : K5962-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 48BR-20191120

Quant Time: Nov 27 06:04:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

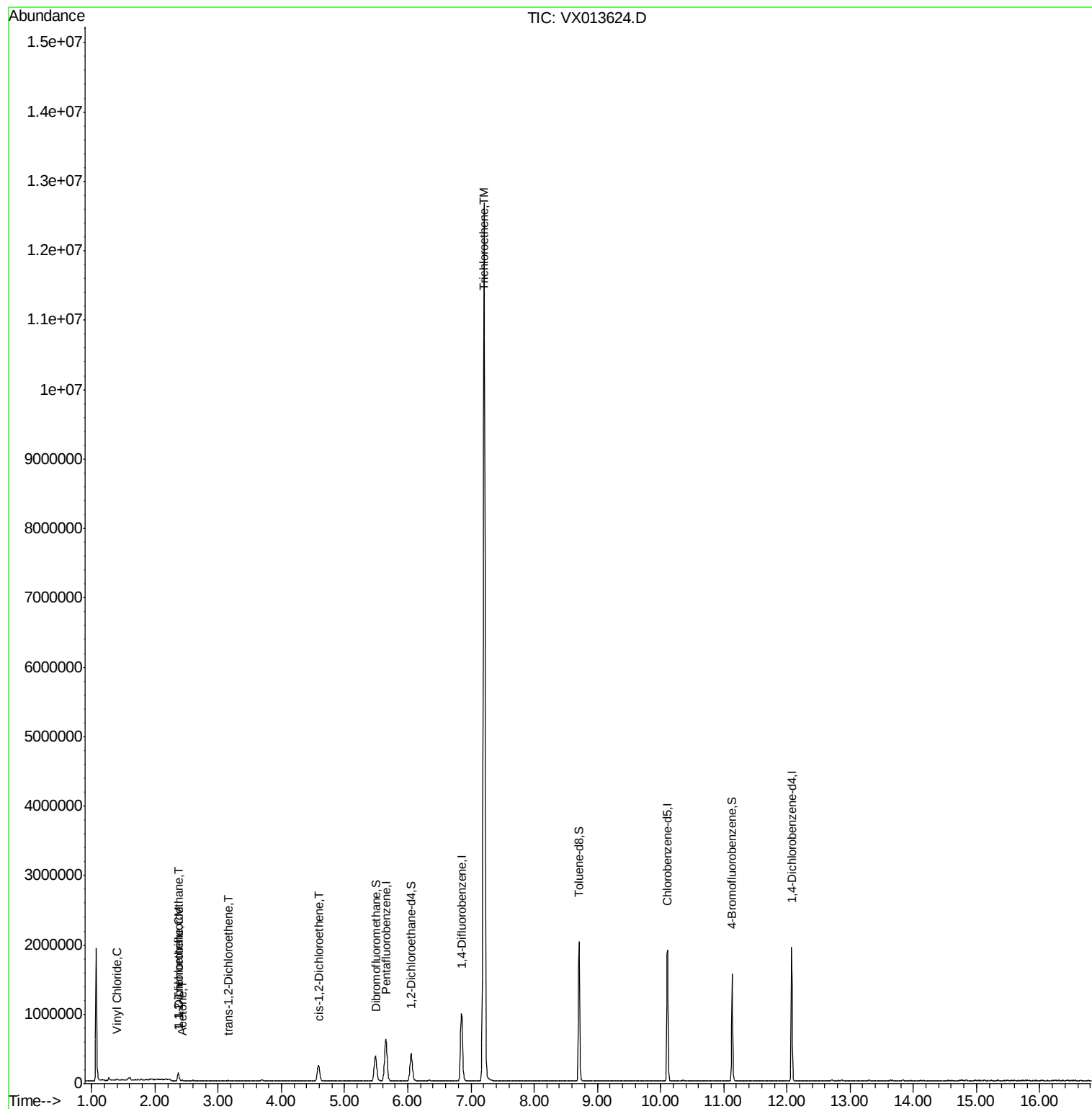
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	638910	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1020169	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	909893	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	406277	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	371715	50.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.24%	
35) Dibromofluoromethane	5.48	113	306358	48.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.16%	
50) Toluene-d8	8.71	98	1209066	49.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.40%	
62) 4-Bromofluorobenzene	11.14	95	405294	45.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.48%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.40	62	6953	0.774	ug/l #	87
9) 1,1,2-Trichlorotrifluoroet	2.38	101	11930	1.958	ug/l	91
12) 1,1-Dichloroethene	2.37	96	33422	5.497	ug/l	91
16) Acetone	2.44	43	7805	2.132	ug/l #	76
21) trans-1,2-Dichloroethene	3.16	96	3631	0.548	ug/l #	89
27) cis-1,2-Dichloroethene	4.59	96	148777	19.558	ug/l	88
44) Trichloroethene	7.21	130	4929165	636.787	ug/l	99

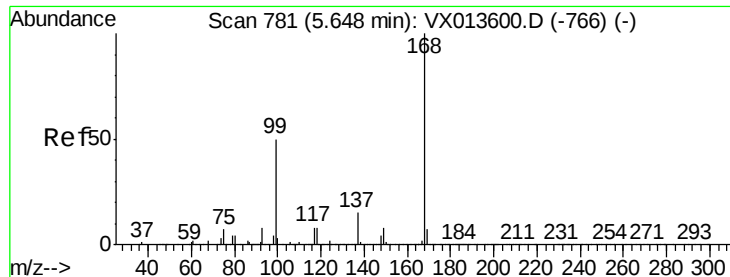
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX112619\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013624.D

Acq: 27 Nov 2019 01:55

Instrument :

MSVOA_X

ClientSampleId :

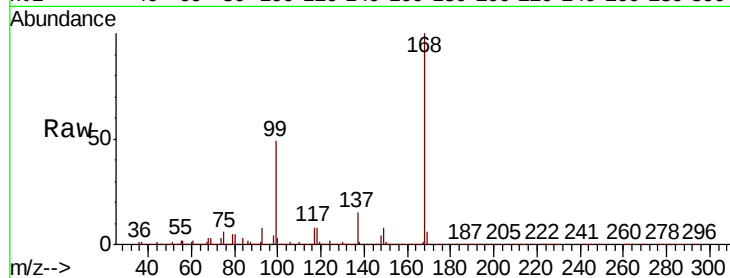
48BR-20191120

Tot Ion:168 Resp: 638910

Ion Ratio Lower Upper

168 100

99 48.9 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

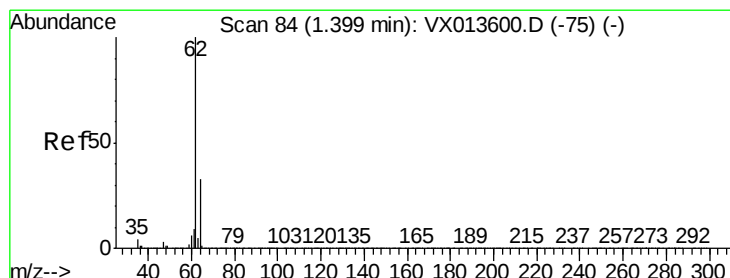
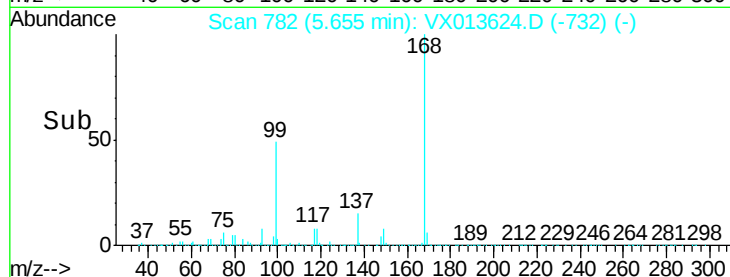
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 0.774 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013624.D

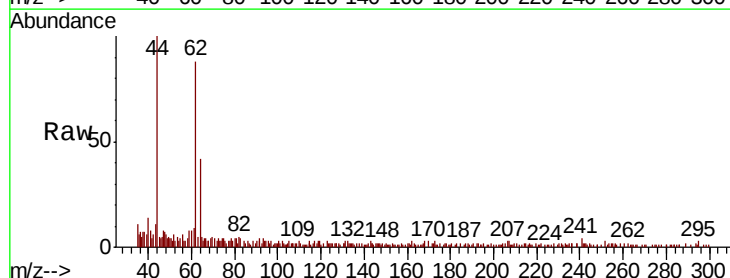
Acq: 27 Nov 2019 01:55

Tgt Ion: 62 Resp: 6953

Ion Ratio Lower Upper

62 100

64 39.6 26.0 39.0#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

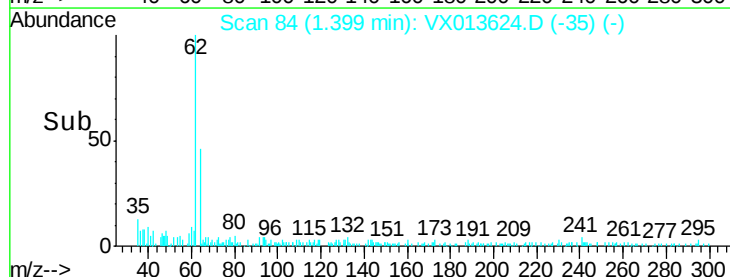
6000

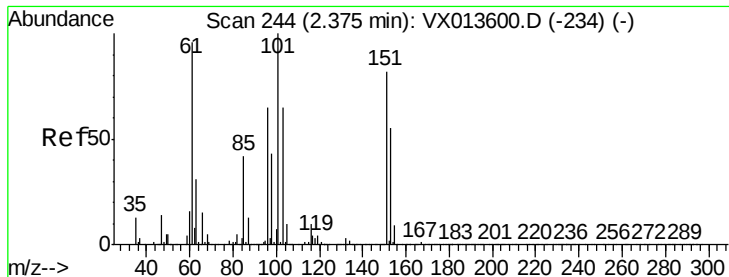
4000

2000

0

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.958 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.01 min

Lab File: VX013624.D

Acq: 27 Nov 2019 01:55

Instrument :

MSVOA_X

ClientSampleId :

48BR-20191120

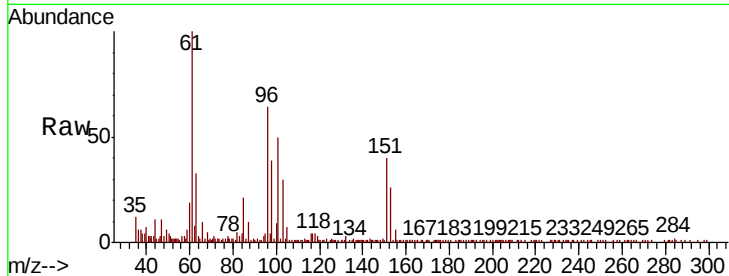
Tot Ion:101 Resp: 11930

Ion Ratio Lower Upper

101 100

85 50.2 33.9 50.9

151 86.3 64.2 96.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V

2.38

6000

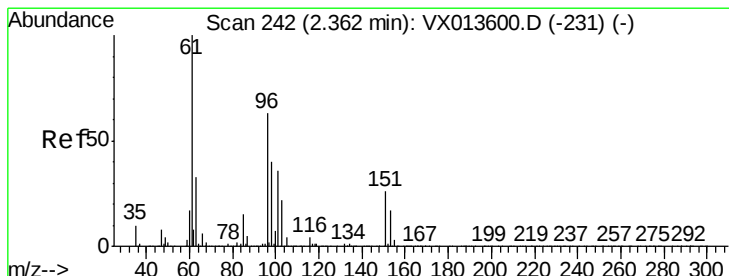
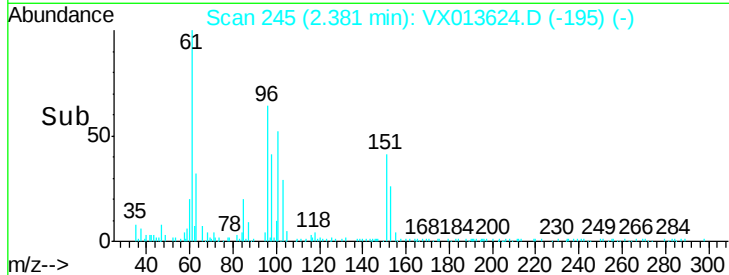
4000

2000

0

2.25 2.30 2.35 2.40 2.45

Time-->



#12

1,1-Dichloroethene

Concen: 5.497 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX013624.D

Acq: 27 Nov 2019 01:55

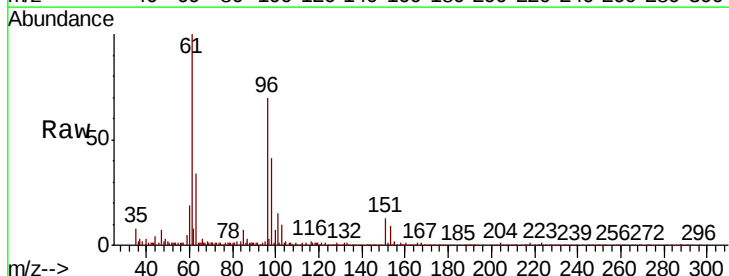
Tgt Ion: 96 Resp: 33422

Ion Ratio Lower Upper

96 100

61 143.8 126.6 190.0

98 59.1 50.6 76.0



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

40000

30000

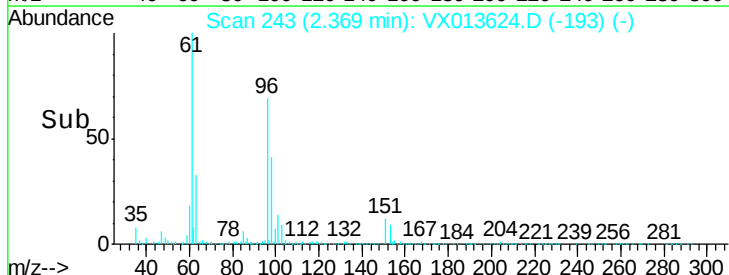
20000

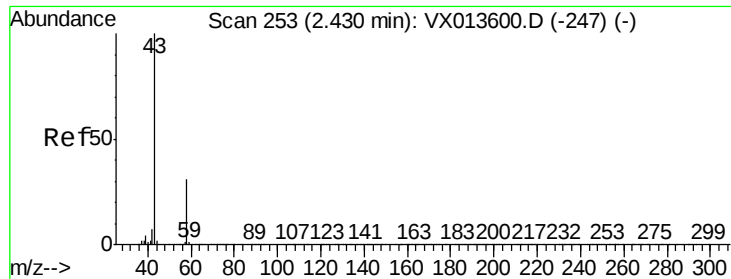
10000

0

2.30 2.35 2.40 2.45

Time-->

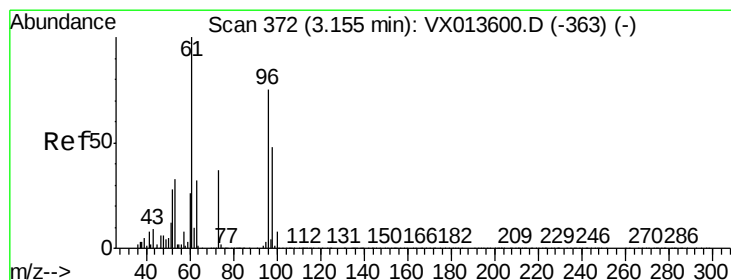
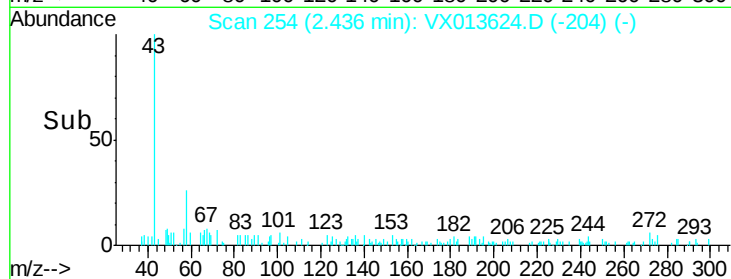
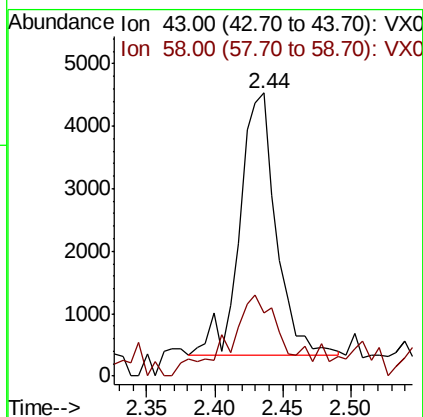
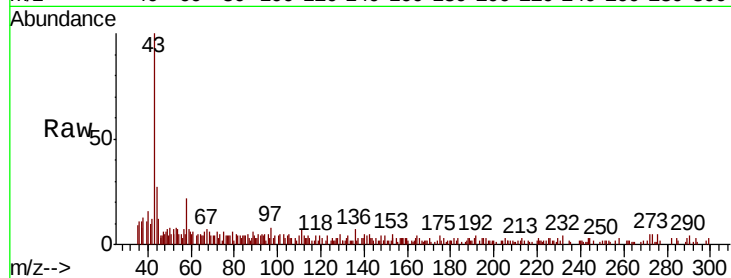




#16
Acetone
Concen: 2.132 ug/l
RT: 2.44 min Scan# 254
Delta R.T. 0.01 min
Lab File: VX013624.D
Acq: 27 Nov 2019 01:55

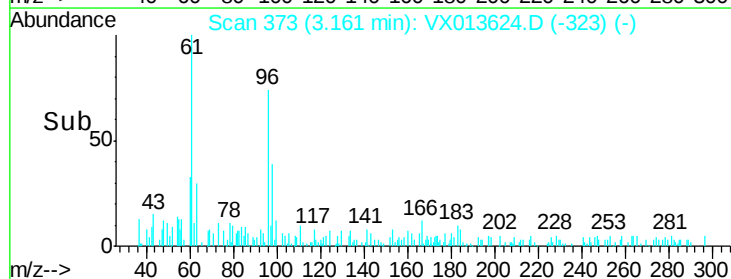
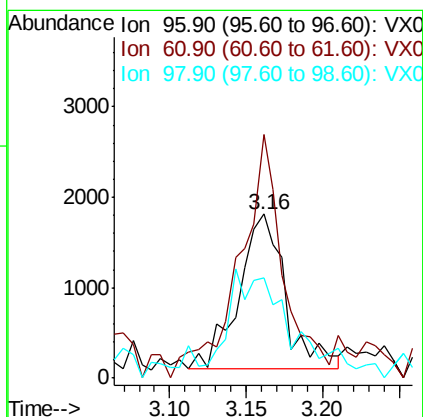
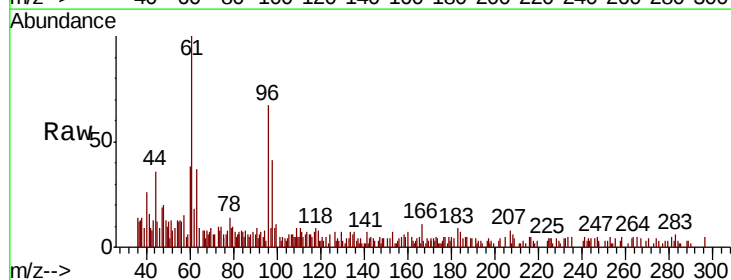
Instrument :
MSVOA_X
ClientSampleId :
48BR-20191120

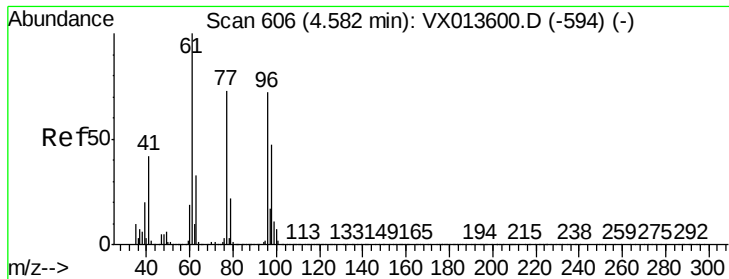
Tot Ion: 43 Resp: 7805
Ion Ratio Lower Upper
43 100
58 17.7 24.6 36.8#



#21
trans-1,2-Dichloroethene
Concen: 0.548 ug/l
RT: 3.16 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX013624.D
Acq: 27 Nov 2019 01:55

Tgt Ion: 96 Resp: 3631
Ion Ratio Lower Upper
96 100
61 129.3 107.2 160.8
98 44.9 51.4 77.0#



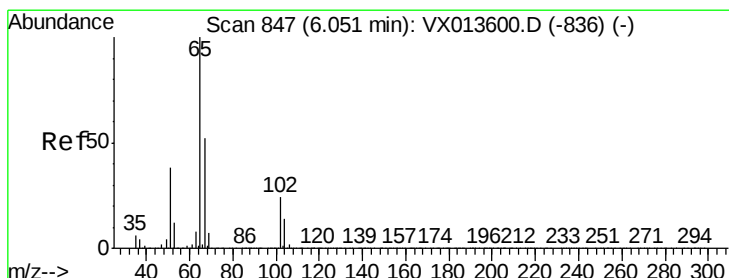
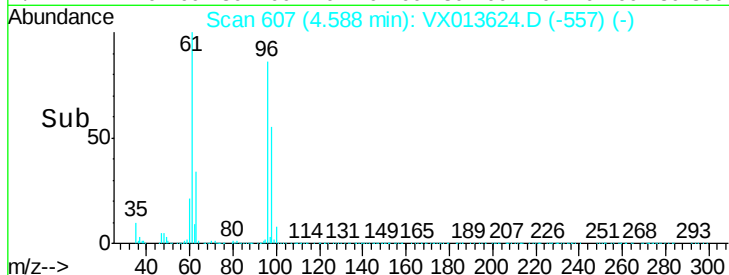
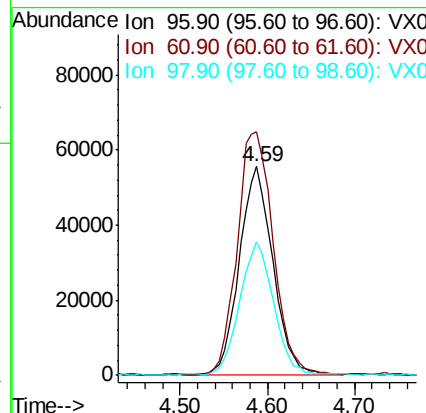
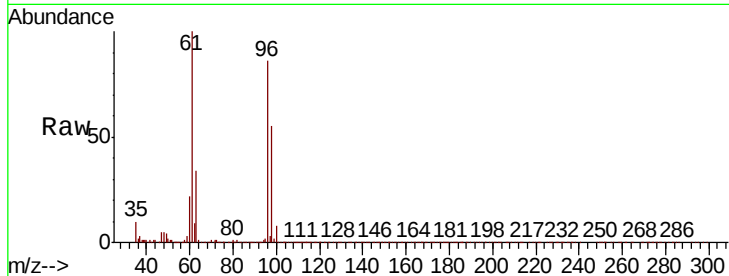


#27

cis-1,2-Dichloroethene
Concen: 19.558 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013624.D
Acq: 27 Nov 2019 01:55

Instrument :
MSVOA_X
ClientSampleId :
48BR-20191120

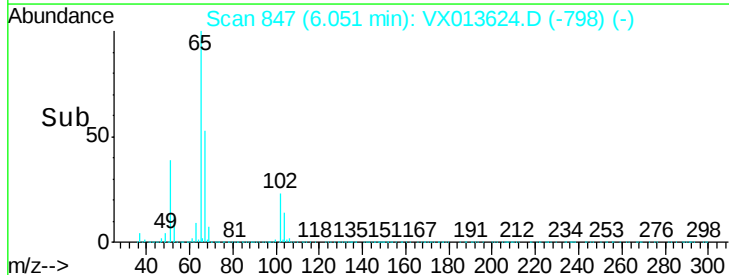
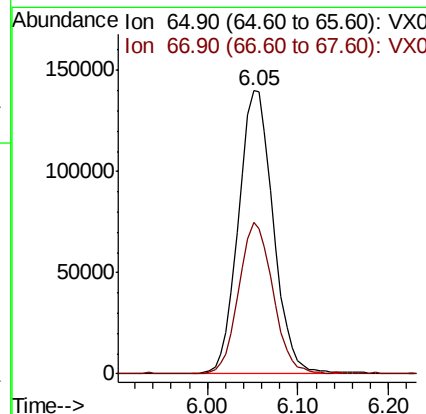
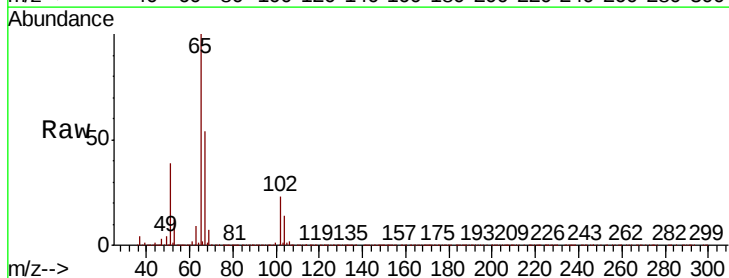
Tot Ion	Ratio	Lower	Upper
96	100		
61	123.7	0.0	286.4
98	65.2	0.0	127.4

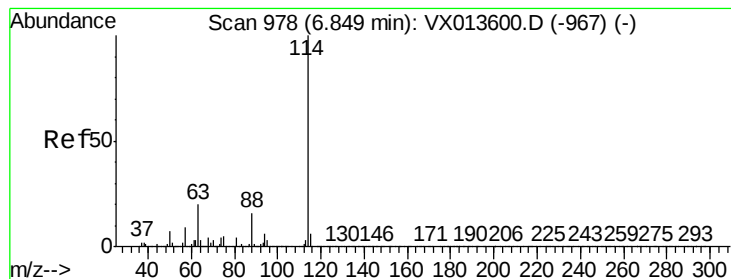


#33

1,2-Dichloroethane-d4
Concen: 50.121 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX013624.D
Acq: 27 Nov 2019 01:55

Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013624.D

Acq: 27 Nov 2019 01:55

Instrument :

MSVOA_X

ClientSampleId :

48BR-20191120

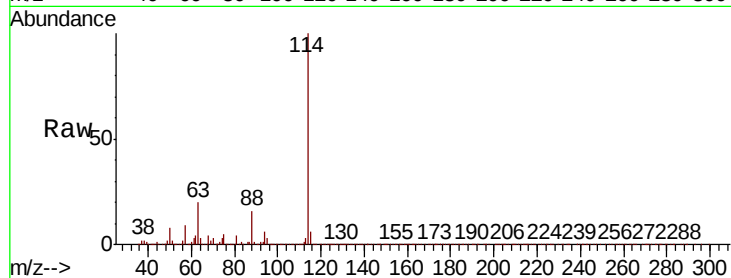
Tot Ion:114 Resp: 1020169

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.6

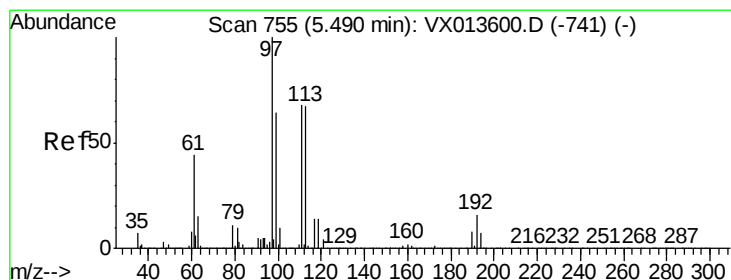
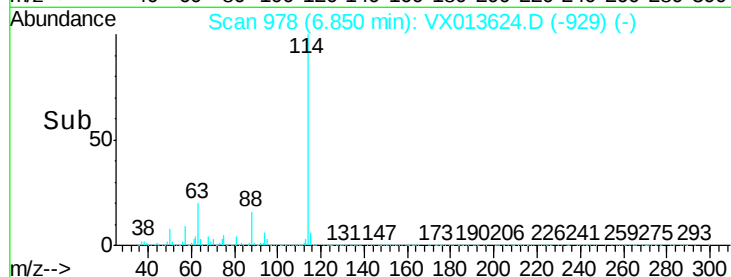
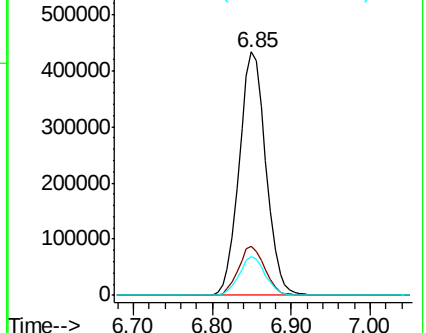
88 15.8 0.0 31.4



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: 48.576 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX013624.D

Acq: 27 Nov 2019 01:55

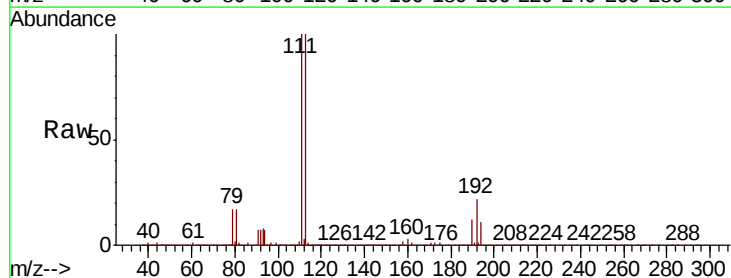
Tgt Ion:113 Resp: 306358

Ion Ratio Lower Upper

113 100

111 104.0 83.6 125.4

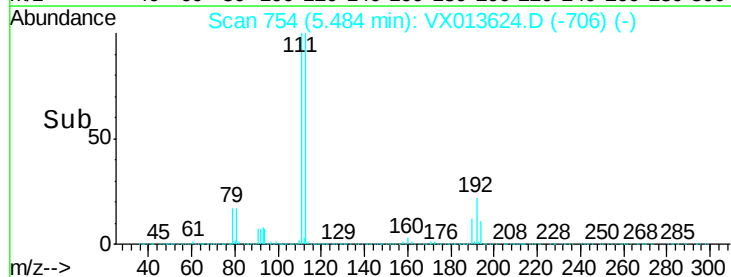
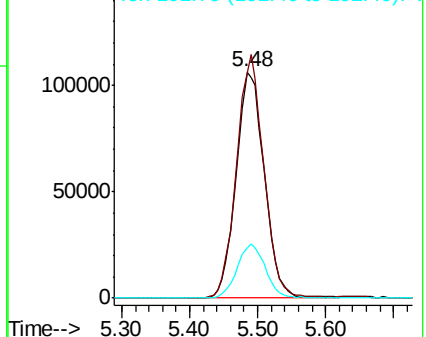
192 23.9 19.2 28.8

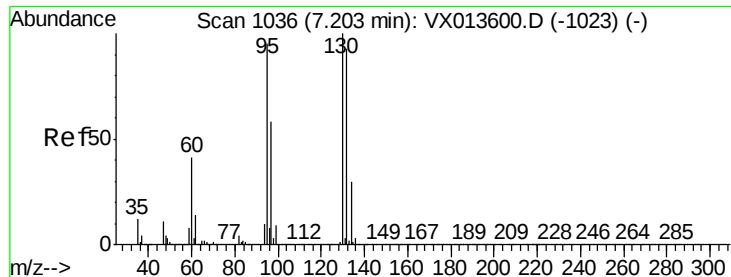


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 636.787 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013624.D

Acq: 27 Nov 2019 01:55

Instrument :

MSVOA_X

ClientSampleId :

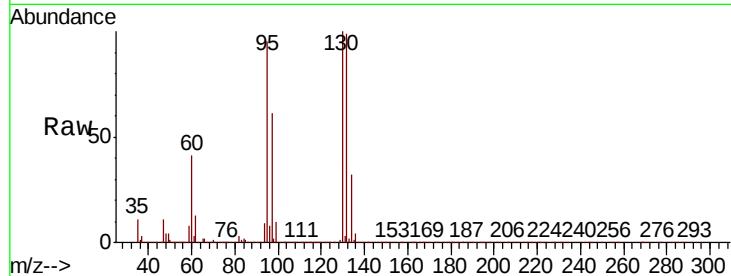
48BR-20191120

Tot Ion:130 Resp: 4929165

Ion Ratio Lower Upper

130 100

95 94.8 0.0 190.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

2500000

2000000

1500000

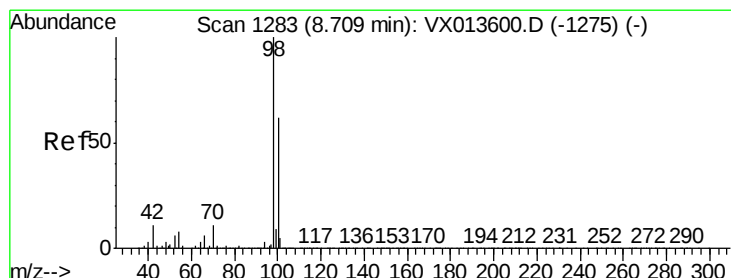
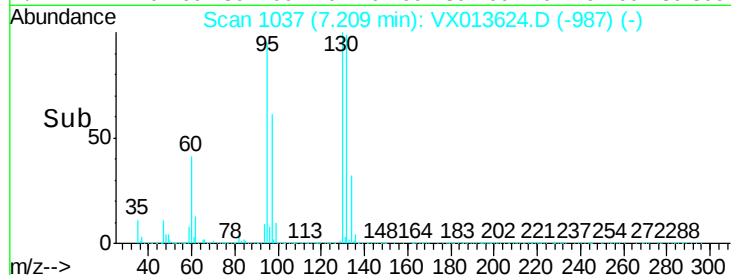
1000000

500000

0

7.10 7.20 7.30 7.40

Time-->



#50

Toluene-d8

Concen: 49.205 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013624.D

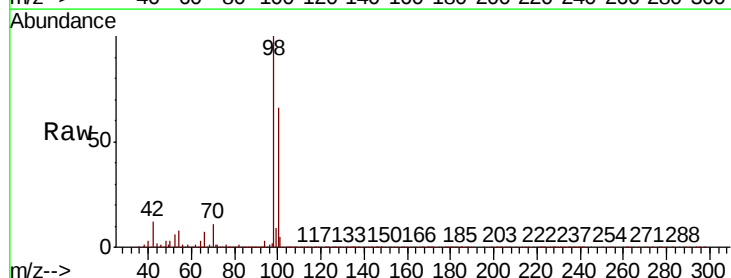
Acq: 27 Nov 2019 01:55

Tgt Ion: 98 Resp: 1209066

Ion Ratio Lower Upper

98 100

100 65.8 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

800000

600000

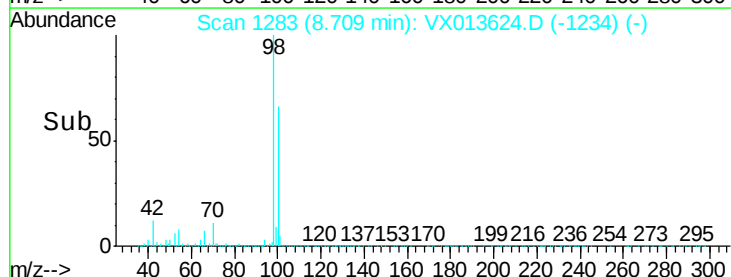
400000

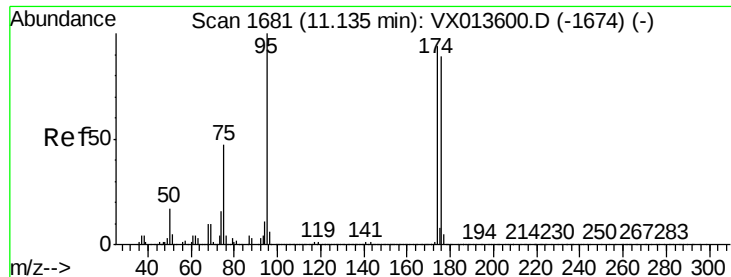
200000

0

8.60 8.70 8.80 8.90

Time-->





#62

4-Bromofluorobenzene

Concen: 45.740 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX013624.D

Acq: 27 Nov 2019 01:55

Instrument :

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ClientSampleId :

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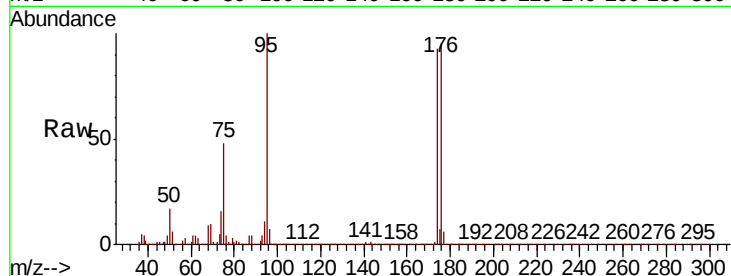
Tot Ion: 95 Resp: 405294

Ion Ratio Lower Upper

95 100

174 90.3 0.0 180.0

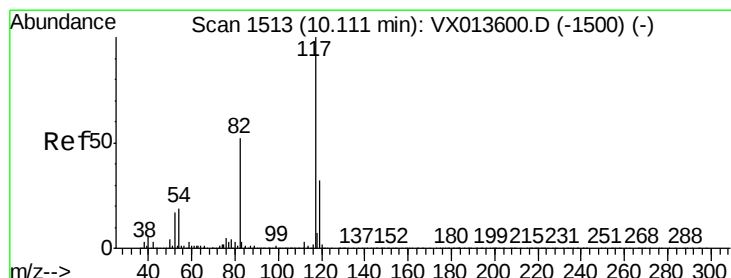
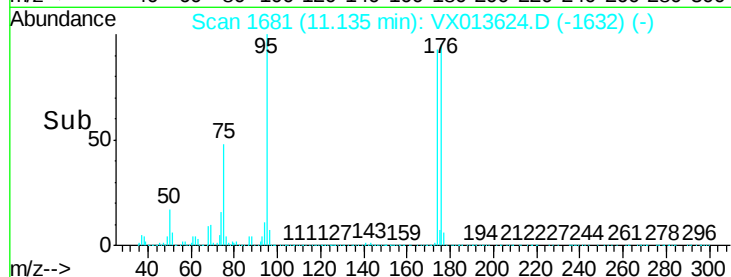
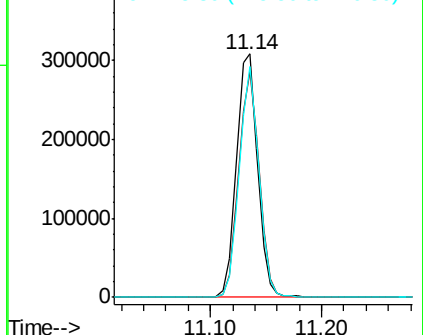
176 88.6 0.0 173.6



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



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX013624.D

Acq: 27 Nov 2019 01:55

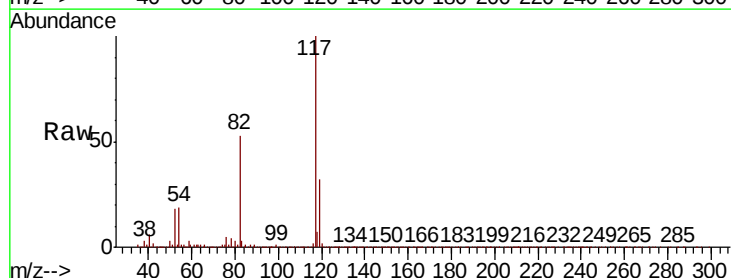
Tgt Ion: 117 Resp: 909893

Ion Ratio Lower Upper

117 100

82 53.3 41.8 62.8

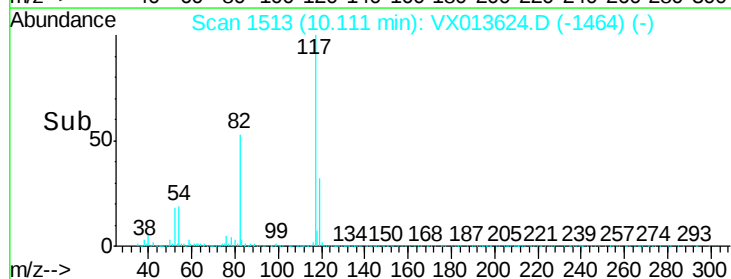
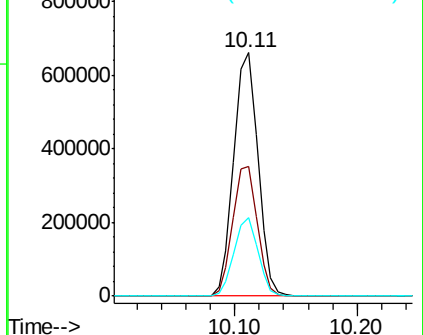
119 32.3 25.8 38.8

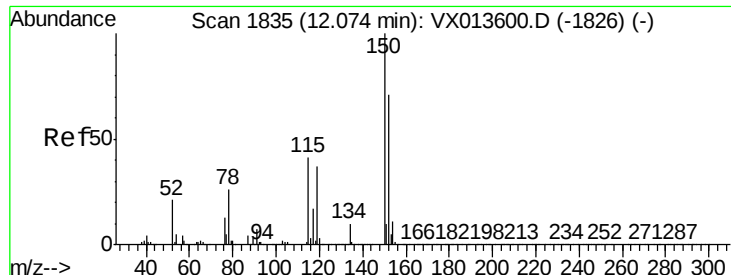


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX013624.D

Acq: 27 Nov 2019 01:55

Instrument :

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ClientSampleId :

48BR-20191120

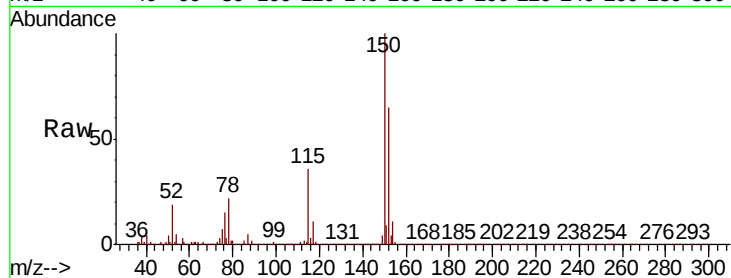
Tot Ion:152 Resp: 406277

Ion Ratio Lower Upper

152 100

115 54.8 38.4 115.1

150 154.4 0.0 346.8



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

