

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031320\
 Data File : VX015268.D
 Acq On : 13 Mar 2020 18:21
 Operator : JC/SP
 Sample : L1903-14DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20200309DL

Quant Time: Mar 16 09:35:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

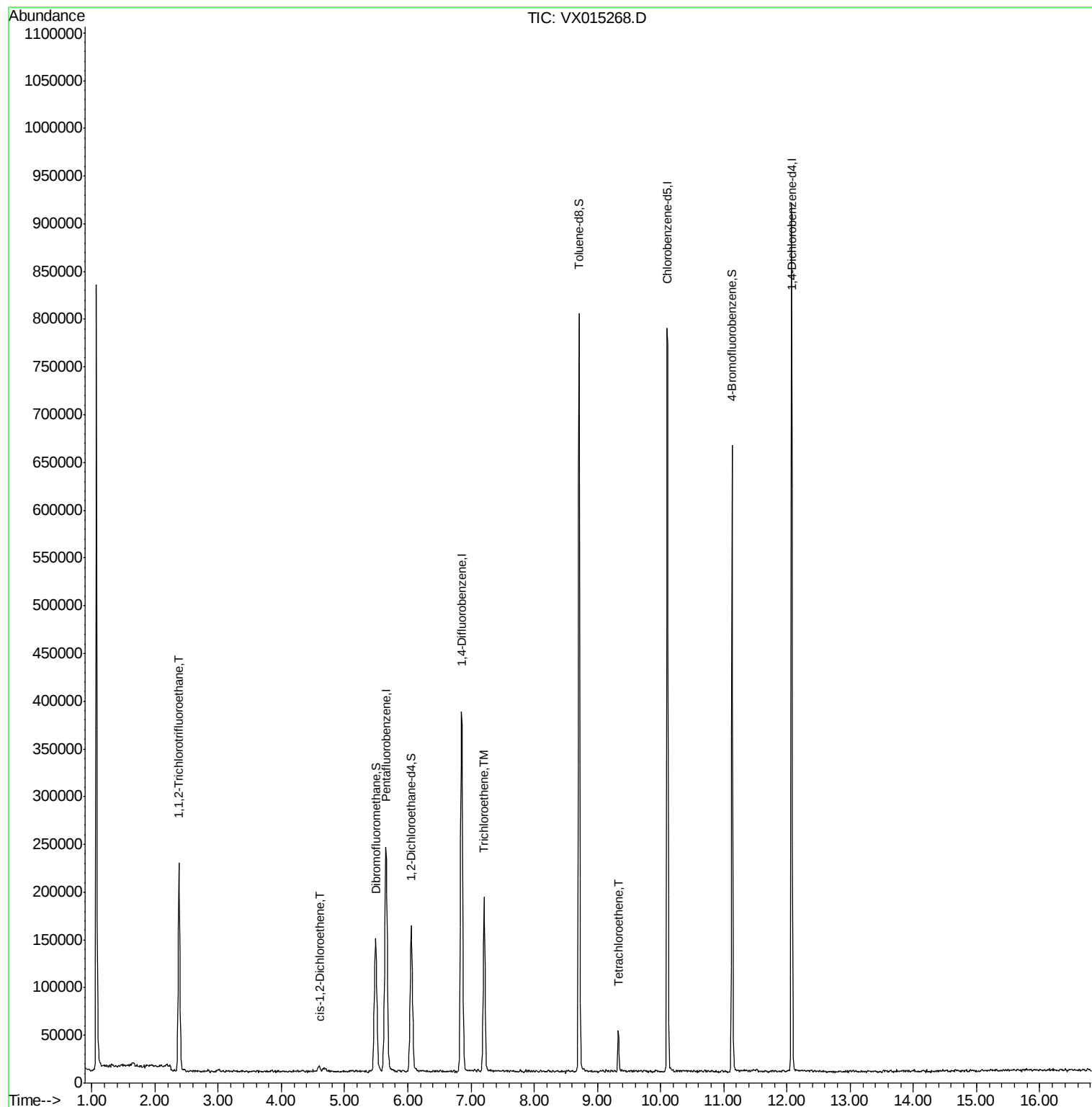
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	244192	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	388397	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	376859	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	193107	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	138869	47.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.86%	
35) Dibromofluoromethane	5.49	113	119028	48.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.16%	
50) Toluene-d8	8.71	98	473046	50.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.50%	
62) 4-Bromofluorobenzene	11.13	95	174257	52.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.84%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.38	101	86665	37.692	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	3908	1.375	ug/l	80
44) Trichloroethene	7.21	130	73268	24.697	ug/l	96
64) Tetrachloroethene	9.33	164	9116	2.926	ug/l	94

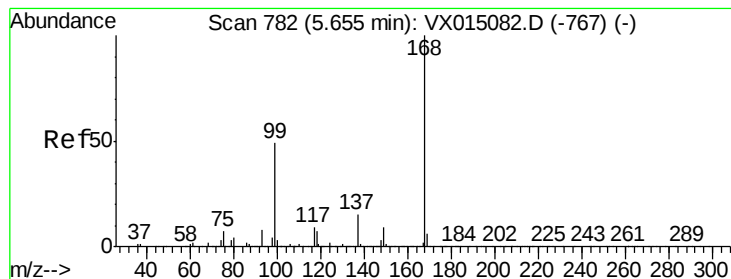
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Mar 04 14:19:10 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX015268.D

Acq: 13 Mar 2020 18:21

Instrument :

MSVOA_X

ClientSampleId :

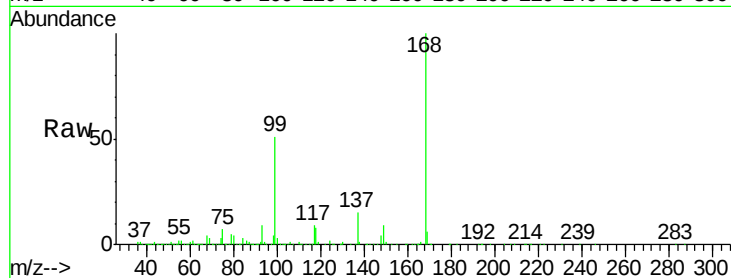
RE131D2-20200309DL

Tot Ion:168 Resp: 244192

Ion Ratio Lower Upper

168 100

99 50.8 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

80000

60000

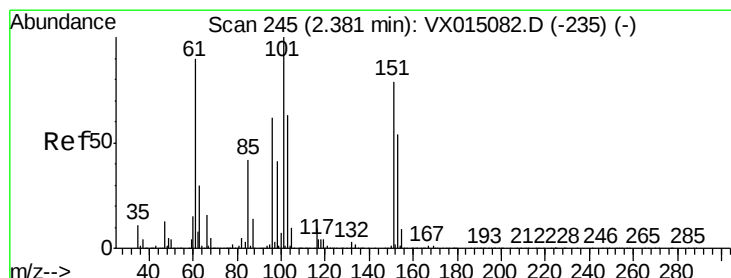
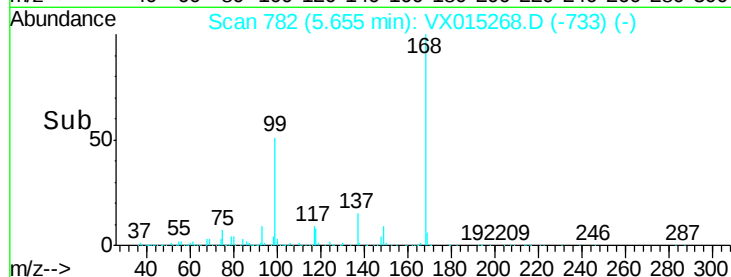
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 37.692 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.00 min

Lab File: VX015268.D

Acq: 13 Mar 2020 18:21

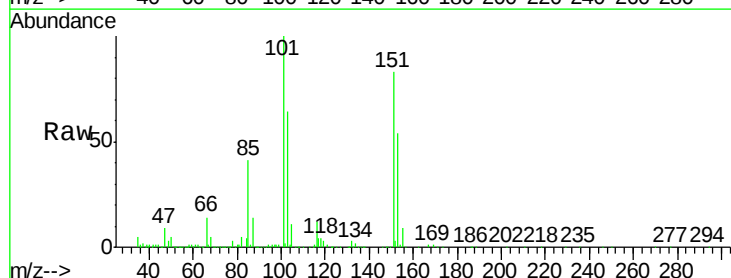
Tgt Ion:101 Resp: 86665

Ion Ratio Lower Upper

101 100

85 42.8 33.7 50.5

151 82.4 64.0 96.0



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

60000

50000

40000

30000

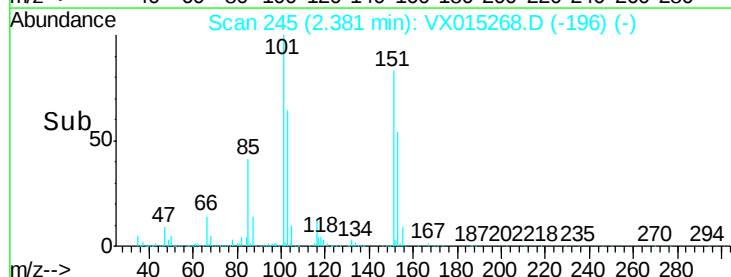
20000

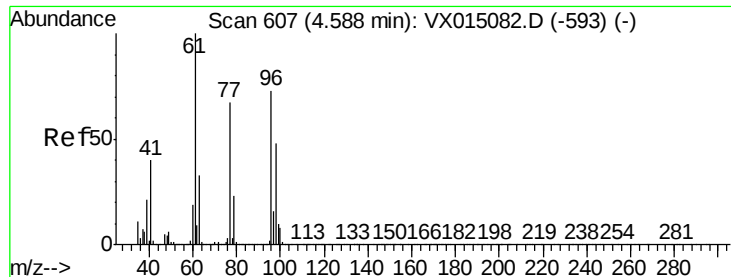
10000

0

2.30 2.35 2.40 2.45

Time-->



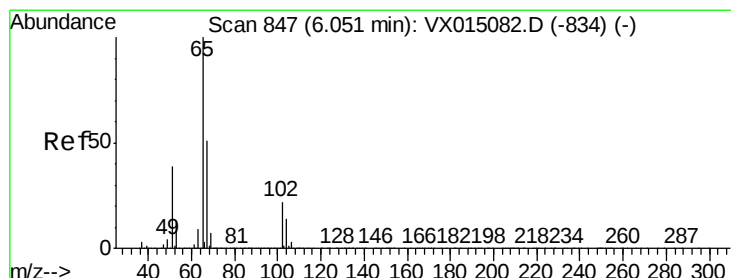
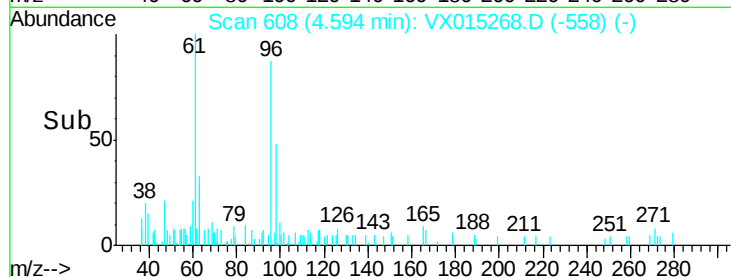
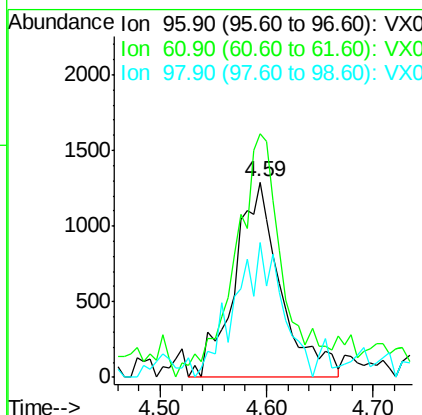
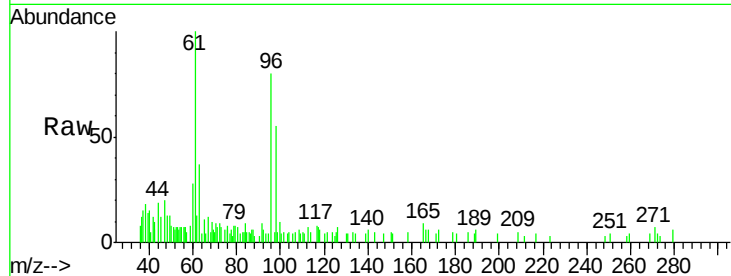


#27

cis-1,2-Dichloroethene
Concen: 1.375 ug/l
RT: 4.59 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX015268.D
Acq: 13 Mar 2020 18:21

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20200309DL

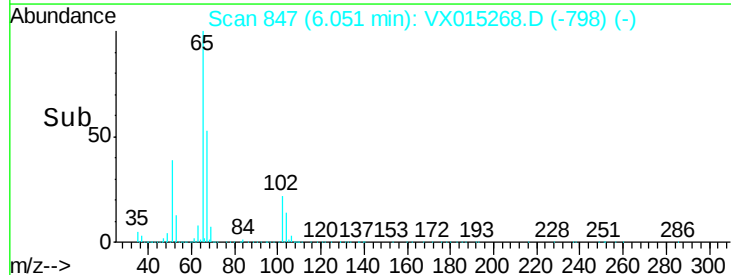
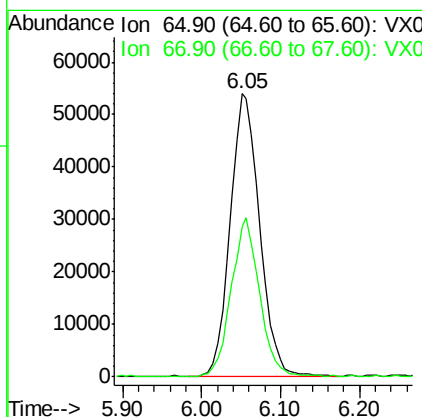
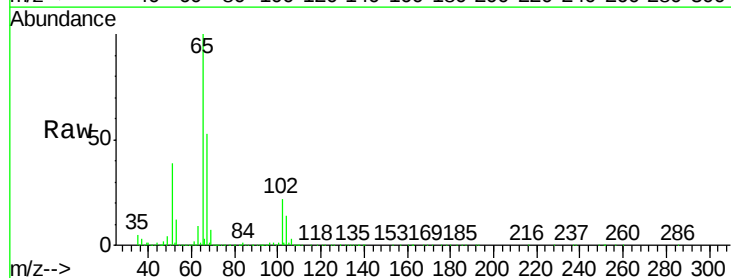
Tot Ion	Ratio	Lower	Upper
96	100		
61	129.3	0.0	286.8
98	33.3	0.0	128.4

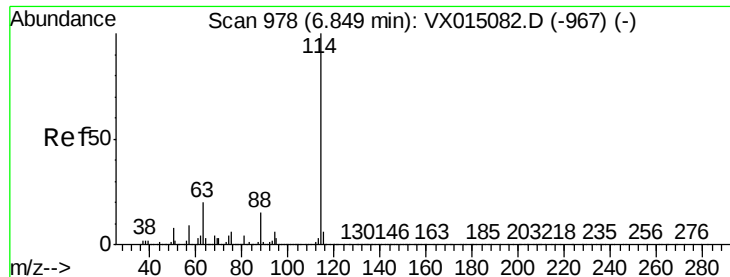


#33

1,2-Dichloroethane-d4
Concen: 47.935 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX015268.D
Acq: 13 Mar 2020 18:21

Tgt Ion	Ratio	Lower	Upper
65	100		
67	54.1	0.0	105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX015268.D

Acq: 13 Mar 2020 18:21

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20200309DL

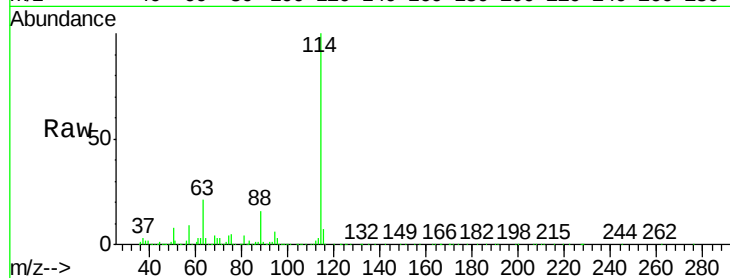
Tot Ion:114 Resp: 388397

Ion Ratio Lower Upper

114 100

63 21.1 0.0 40.0

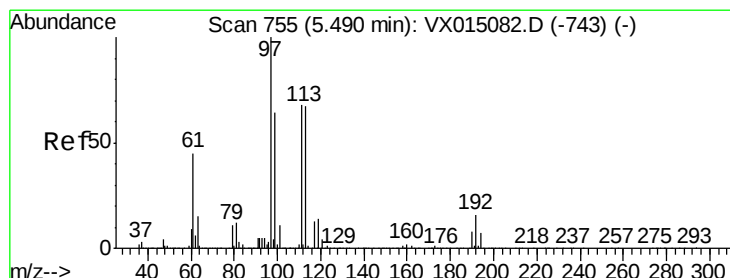
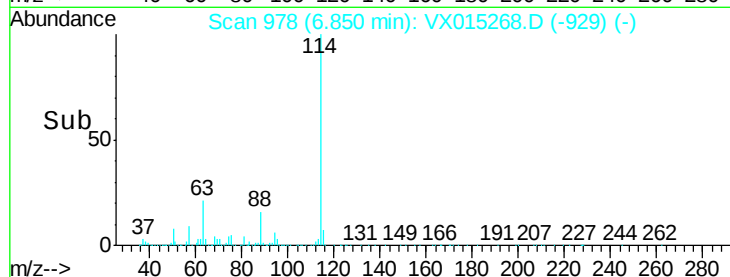
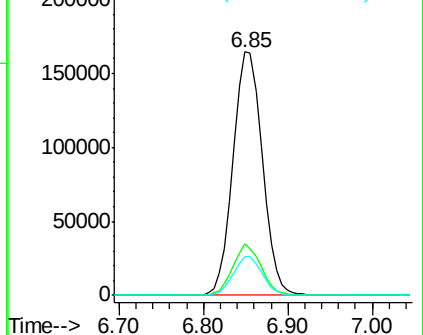
88 16.0 0.0 30.6



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: 48.577 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX015268.D

Acq: 13 Mar 2020 18:21

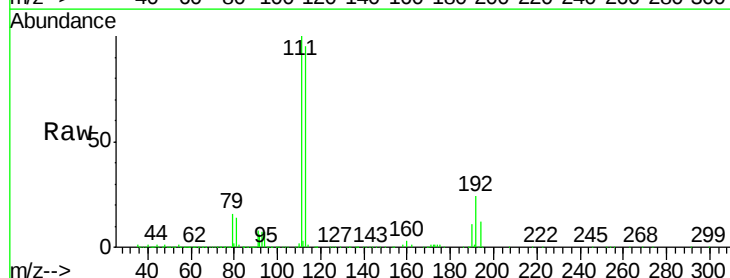
Tgt Ion:113 Resp: 119028

Ion Ratio Lower Upper

113 100

111 102.6 82.6 123.8

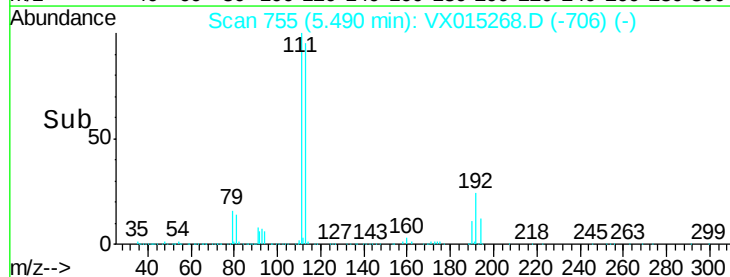
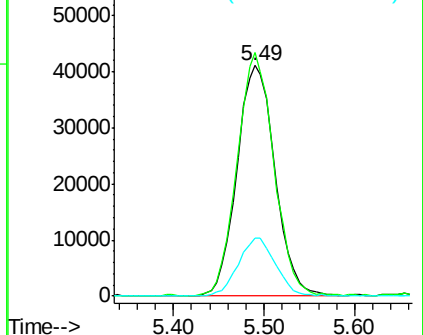
192 25.0 18.6 28.0

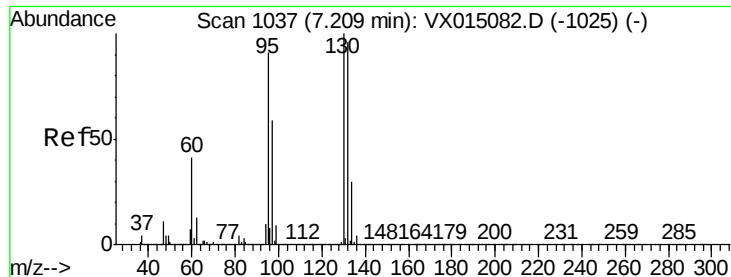


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 24.697 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX015268.D

Acq: 13 Mar 2020 18:21

Instrument :

MSVOA_X

ClientSampleId :

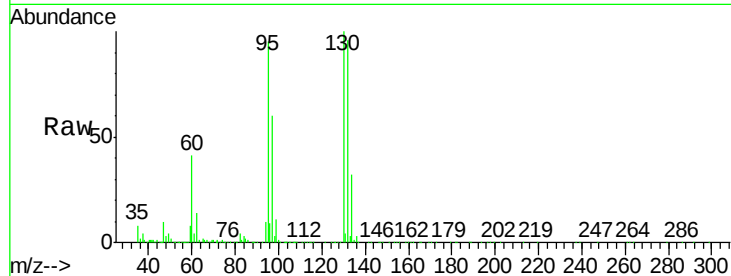
RE131D2-20200309DL

Tot Ion:130 Resp: 73268

Ion Ratio Lower Upper

130 100

95 94.5 0.0 181.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

40000

30000

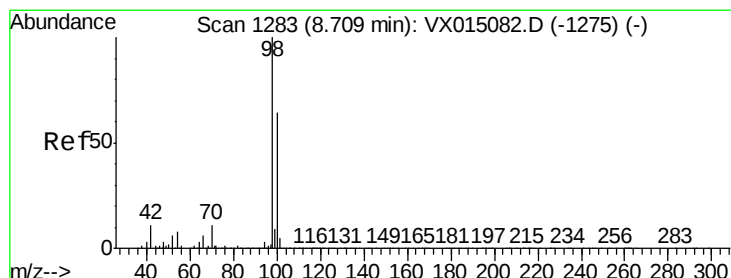
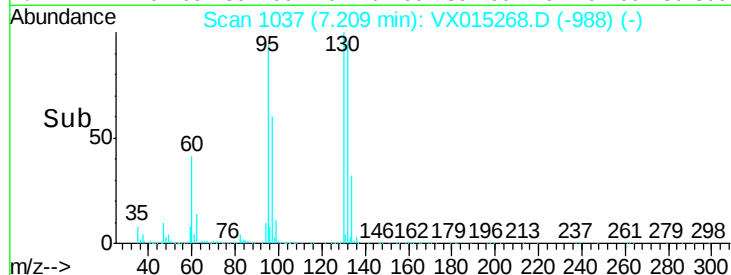
20000

10000

0

7.10 7.20 7.30

Time-->



#50

Toluene-d8

Concen: 50.753 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX015268.D

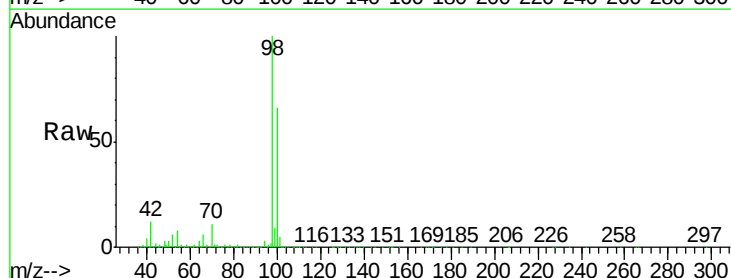
Acq: 13 Mar 2020 18:21

Tgt Ion: 98 Resp: 473046

Ion Ratio Lower Upper

98 100

100 65.6 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.71

300000

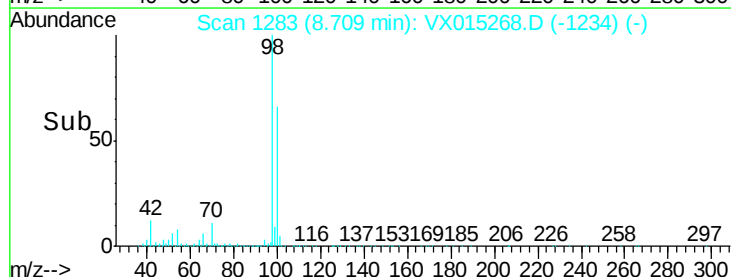
200000

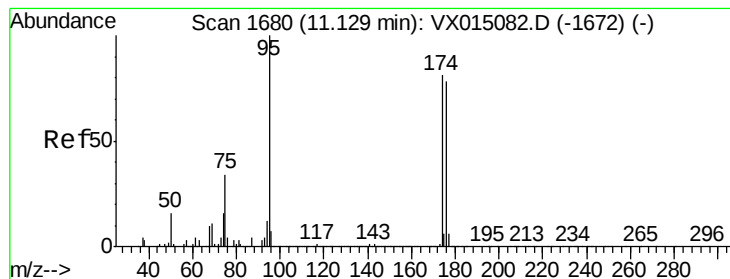
100000

0

8.60 8.70 8.80

Time-->





#62

4-Bromofluorobenzene

Concen: 52.416 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX015268.D

Acq: 13 Mar 2020 18:21

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20200309DL

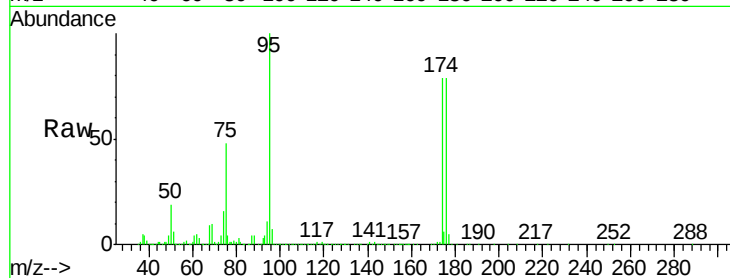
Tot Ion: 95 Resp: 174257

Ion Ratio Lower Upper

95 100

174 91.1 0.0 177.6

176 87.7 0.0 170.2

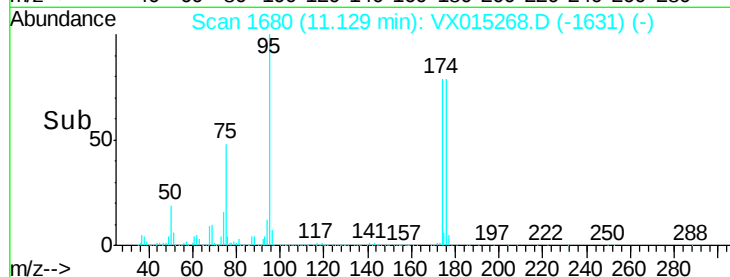


Abundance Ion 94.90 (94.60 to 95.60): VX015268.D (-1672) (-)

Ion 173.80 (173.50 to 174.50): VX015268.D (-1672) (-)

Ion 175.80 (175.50 to 176.50): VX015268.D (-1672) (-)

Time-->

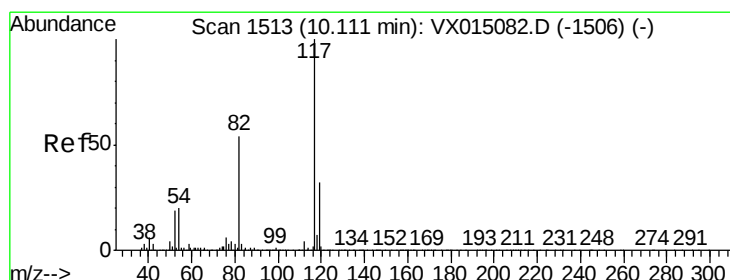


Abundance Ion 94.90 (94.60 to 95.60): VX015268.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX015268.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX015268.D (-1631) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX015268.D

Acq: 13 Mar 2020 18:21

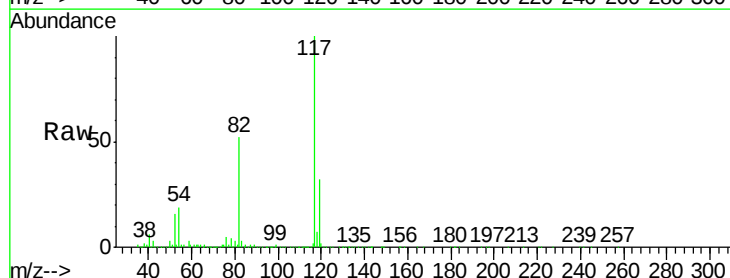
Tgt Ion: 117 Resp: 376859

Ion Ratio Lower Upper

117 100

82 51.9 43.3 64.9

119 31.5 25.8 38.8

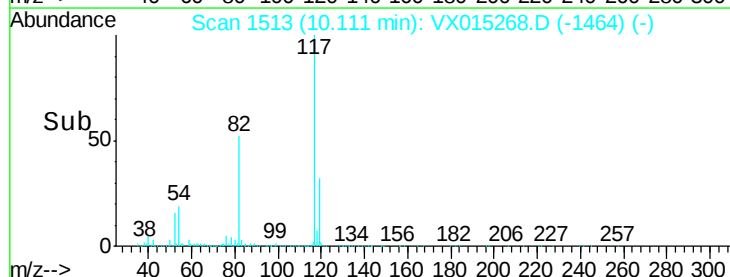


Abundance Ion 116.90 (116.60 to 117.60): VX015268.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX015268.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX015268.D (-1464) (-)

Time-->

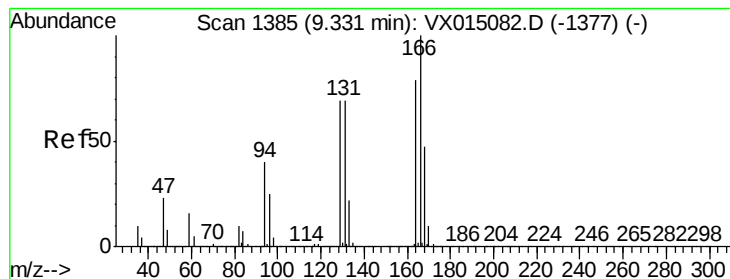


Abundance Ion 116.90 (116.60 to 117.60): VX015268.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX015268.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX015268.D (-1464) (-)

Time-->



#64

Tetrachloroethene

Concen: 2.926 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX015268.D

Acq: 13 Mar 2020 18:21

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20200309DL

Tot Ion:164 Resp: 9116

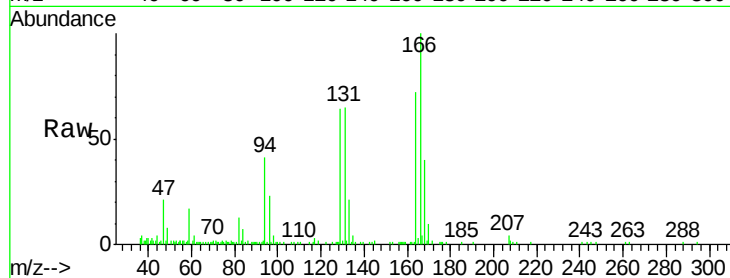
Ion Ratio Lower Upper

164 100

166 139.2 101.1 151.7

129 88.9 69.4 104.0

131 89.5 69.8 104.8

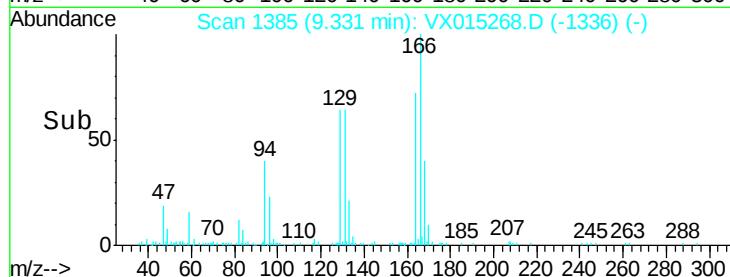


Abundance Ion 163.80 (163.50 to 164.50): V

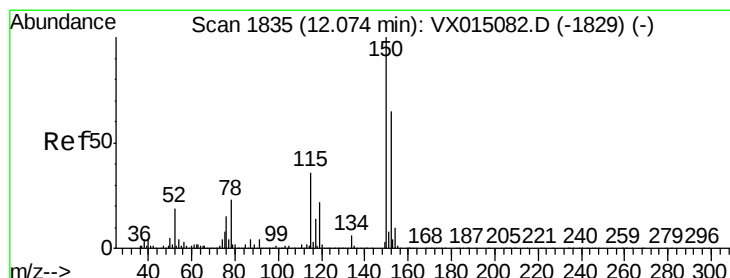
Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX015268.D

Acq: 13 Mar 2020 18:21

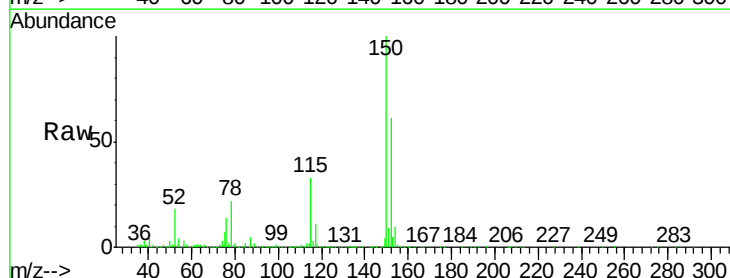
Tgt Ion:152 Resp: 193107

Ion Ratio Lower Upper

152 100

115 54.9 38.2 114.6

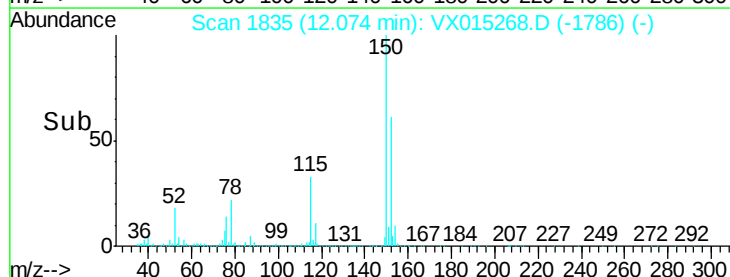
150 157.4 0.0 343.8



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



Time-->