

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112219\
 Data File : VX013558.D
 Acq On : 23 Nov 2019 01:40
 Operator : JC/SP
 Sample : K5962-08DL 50X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 29BR-20191120DL

Quant Time: Nov 23 03:17:15 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

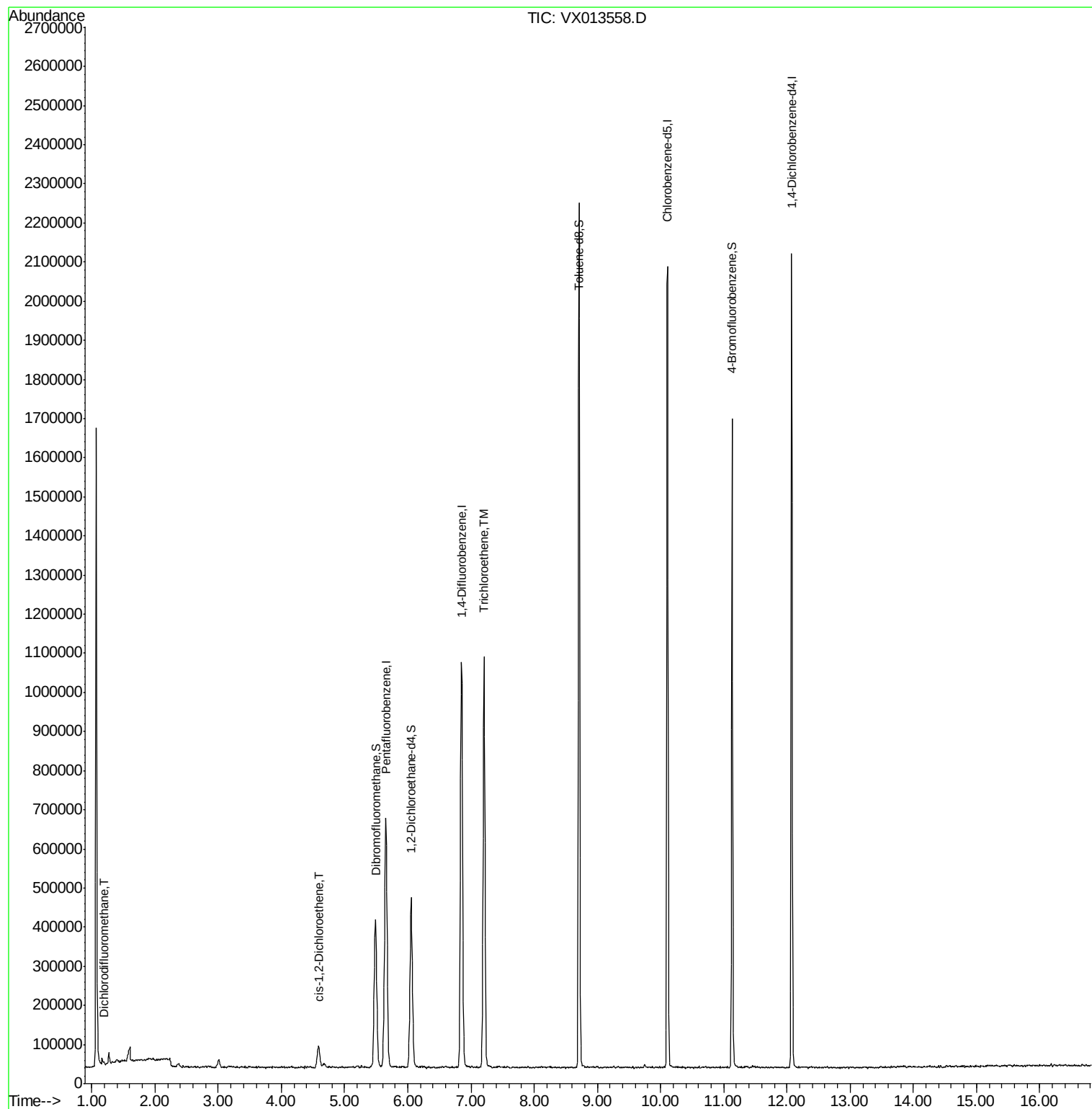
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	666889	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1093973	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	977319	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	443247	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	399085	50.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.02%	
35) Dibromofluoromethane	5.49	113	331879	48.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.74%	
50) Toluene-d8	8.71	98	1306489	50.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.02%	
62) 4-Bromofluorobenzene	11.14	95	439150	47.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.08%	
Target Compounds						
2) Dichlorodifluoromethane	1.19	85	4192	0.546	ug/l	74
27) cis-1,2-Dichloroethene	4.59	96	36760	4.927	ug/l	92
44) Trichloroethene	7.21	130	424989	52.813	ug/l	99

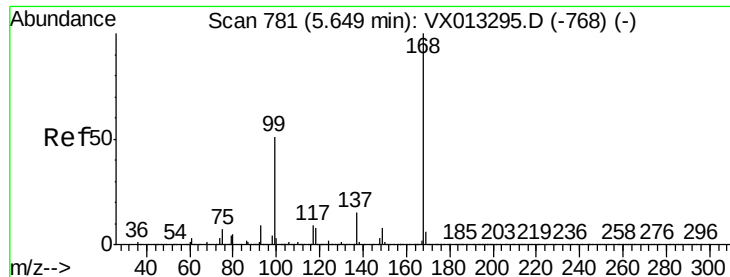
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013558.D

Acq: 23 Nov 2019 01:40

Instrument :

MSVOA_X

ClientSampleId :

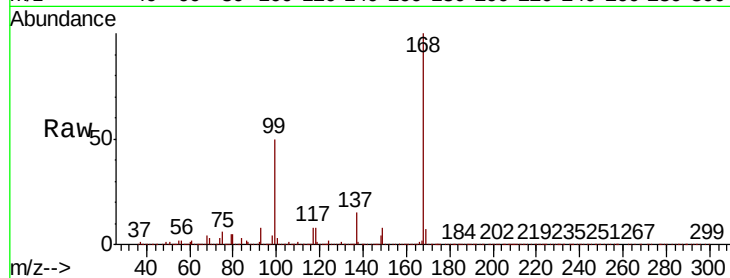
29BR-20191120DL

Tot Ion:168 Resp: 666889

Ion Ratio Lower Upper

168 100

99 49.6 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

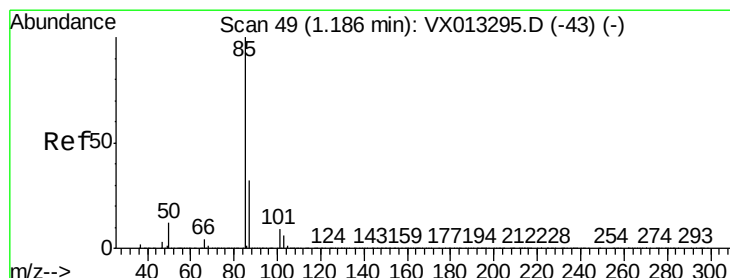
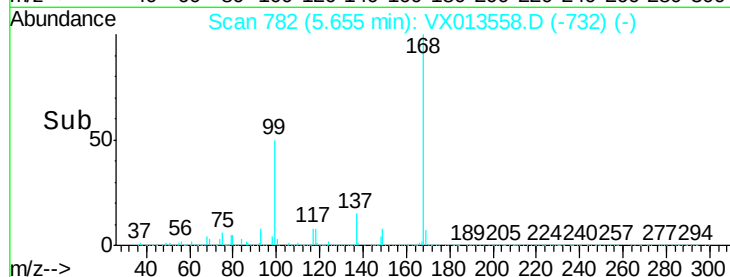
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 0.546 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX013558.D

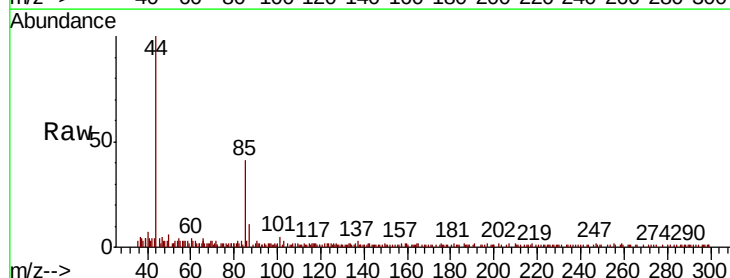
Acq: 23 Nov 2019 01:40

Tgt Ion: 85 Resp: 4192

Ion Ratio Lower Upper

85 100

87 17.0 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

4000

3000

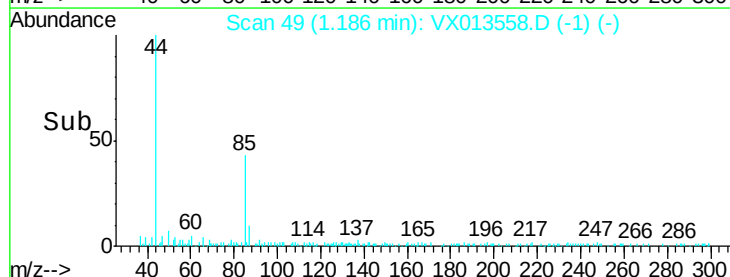
2000

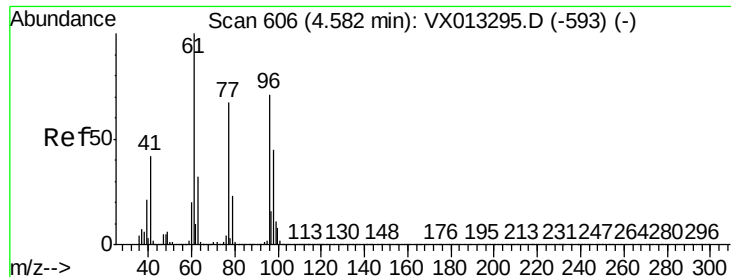
1000

0

Time-->

1.15 1.20 1.25



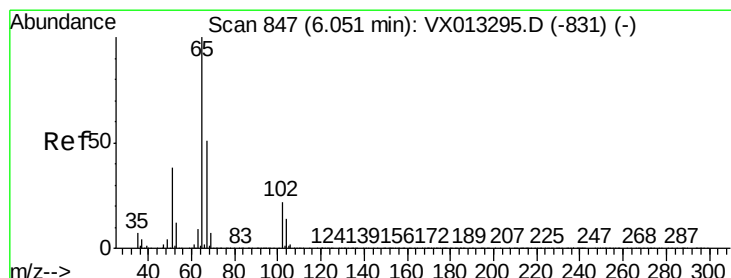
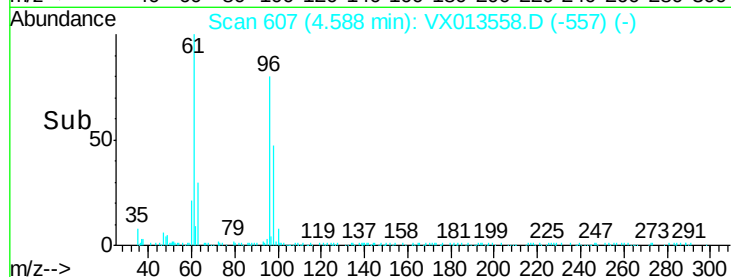
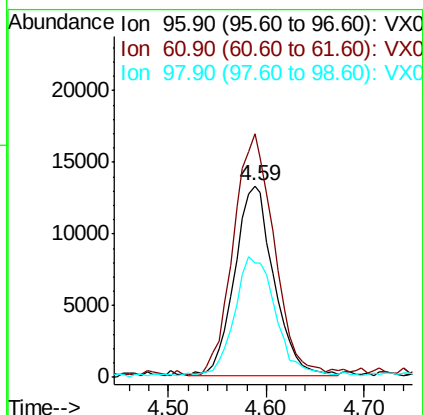
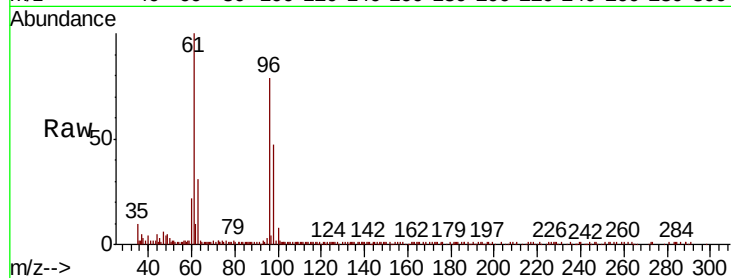


#27

cis-1,2-Dichloroethene
Concen: 4.927 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013558.D
Acq: 23 Nov 2019 01:40

Instrument :
MSVOA_X
ClientSampleId :
29BR-20191120DL

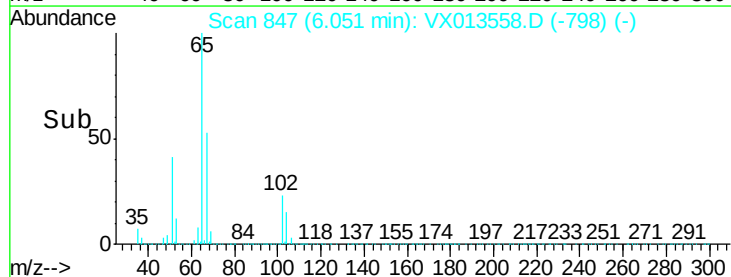
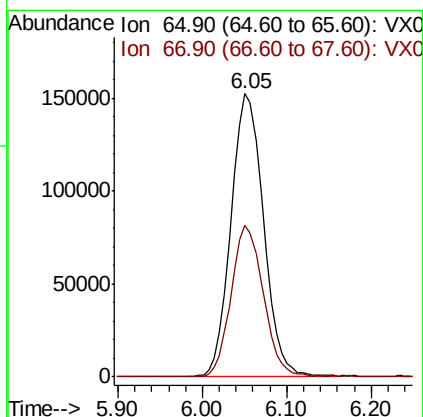
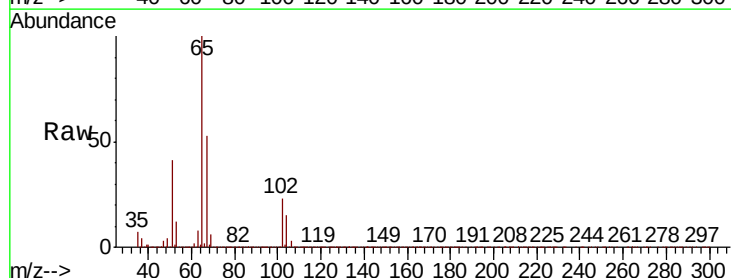
Tot Ion	Ratio	Lower	Upper
96	100		
61	130.6	0.0	288.0
98	64.6	0.0	129.6

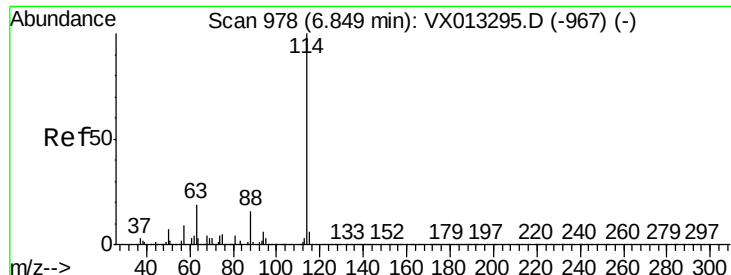


#33

1,2-Dichloroethane-d4
Concen: 50.513 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX013558.D
Acq: 23 Nov 2019 01:40

Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.3	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: VX013558.D

Acq: 23 Nov 2019 01:40

Instrument :

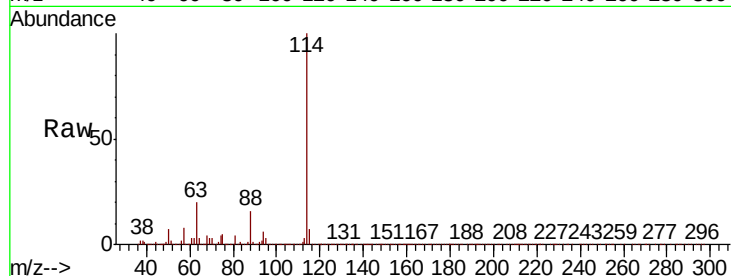
MSVOA_X

ClientSampleId :

29BR-20191120DL

Tot Ion:114 Resp: 1093973

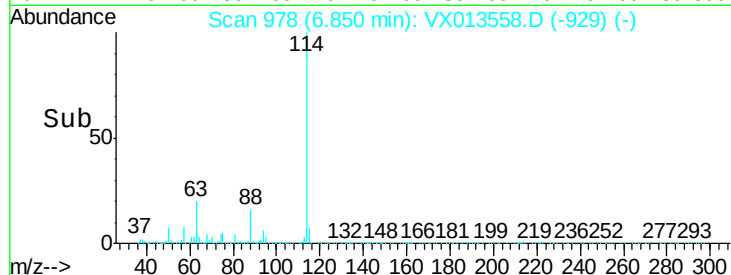
Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	38.4
88	15.6	0.0	32.2



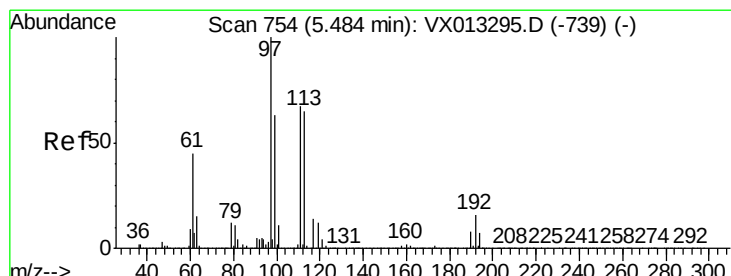
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



Time-->



#35

Dibromofluoromethane

Concen: 48.368 ug/l

RT: 5.49 min Scan# 755

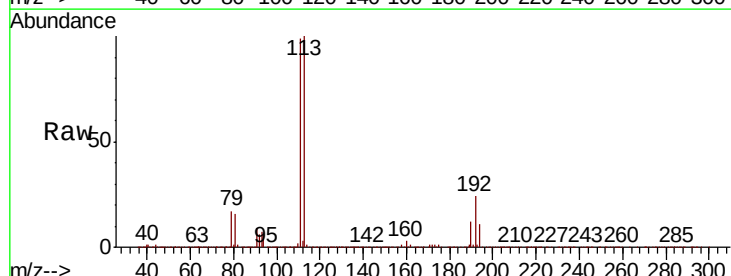
Delta R.T. 0.01 min

Lab File: VX013558.D

Acq: 23 Nov 2019 01:40

Tgt Ion:113 Resp: 331879

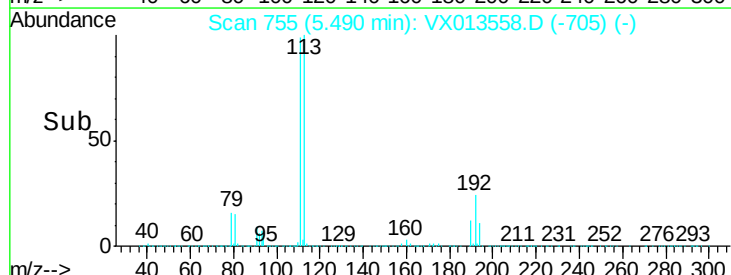
Ion	Ratio	Lower	Upper
113	100		
111	101.0	81.9	122.9
192	23.7	19.1	28.7



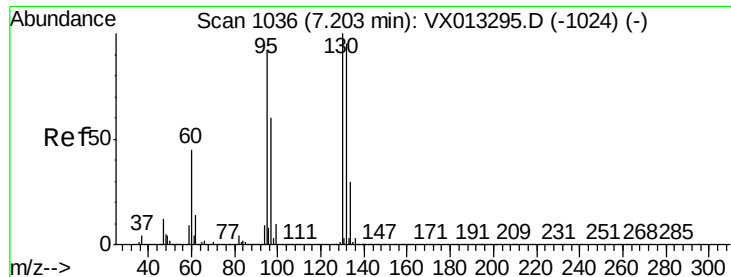
Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



Time-->



#44

Trichloroethene

Concen: 52.813 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013558.D

Acq: 23 Nov 2019 01:40

Instrument :

MSVOA_X

ClientSampleId :

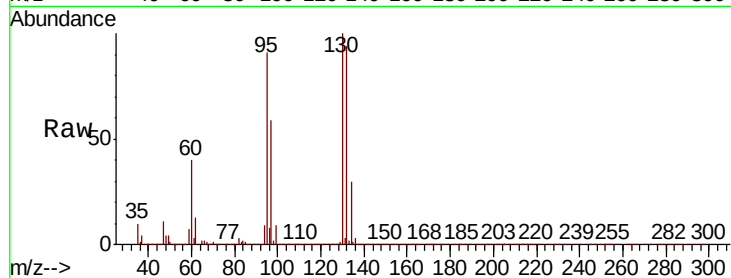
29BR-20191120DL

Tot Ion:130 Resp: 424989

Ion Ratio Lower Upper

130 100

95 91.3 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

200000

150000

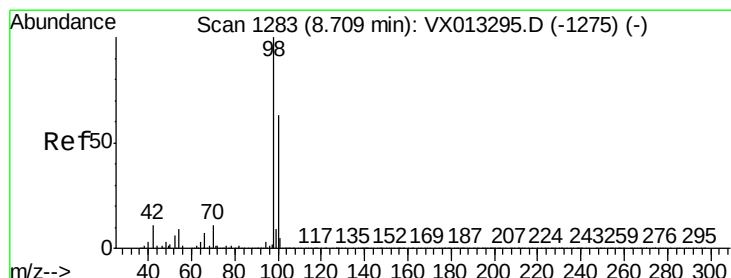
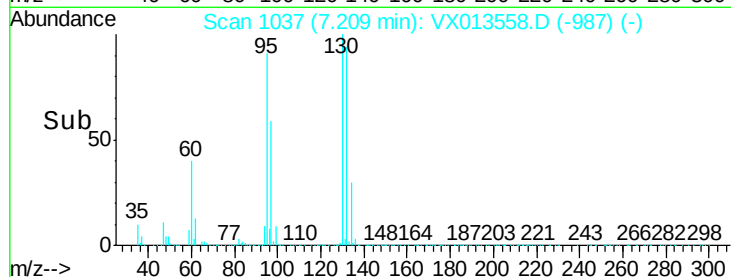
100000

50000

0

Time-->

7.10 7.20 7.30



#50

Toluene-d8

Concen: 50.507 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013558.D

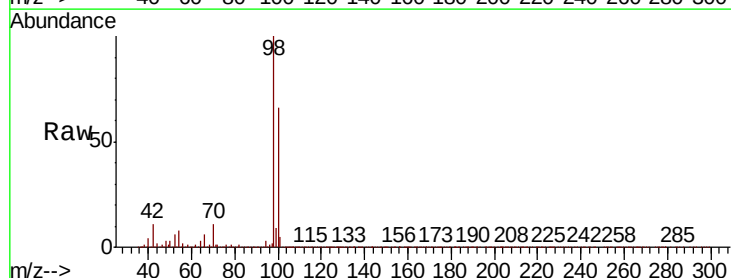
Acq: 23 Nov 2019 01:40

Tgt Ion: 98 Resp: 1306489

Ion Ratio Lower Upper

98 100

100 65.3 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

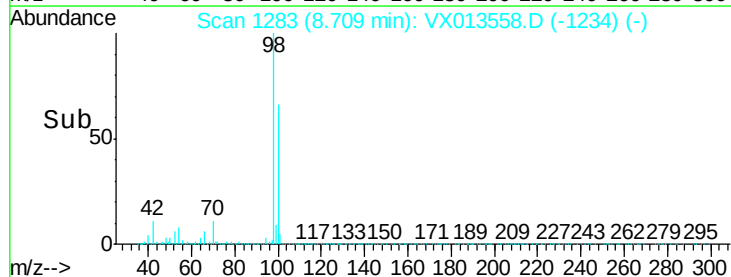
400000

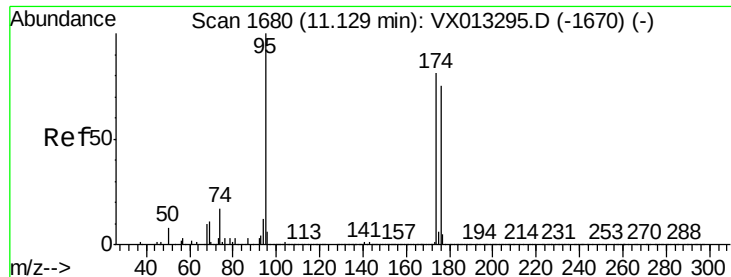
200000

0

Time-->

8.60 8.65 8.70 8.75 8.80

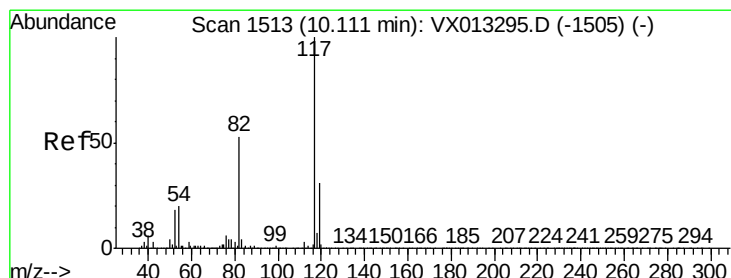
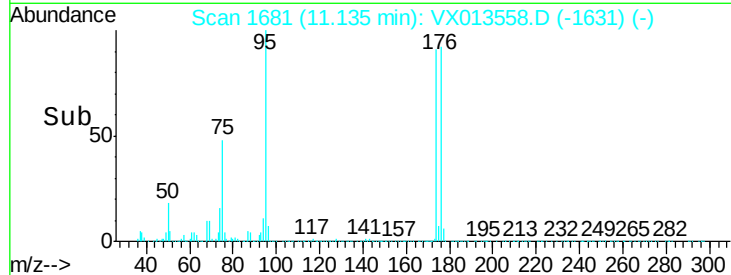
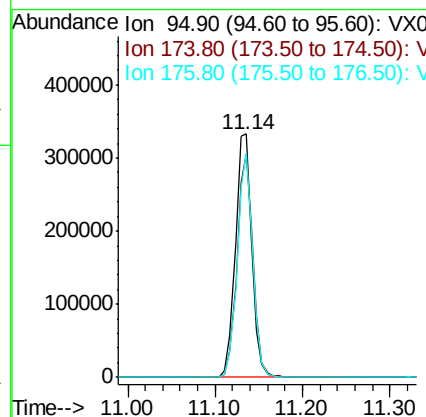
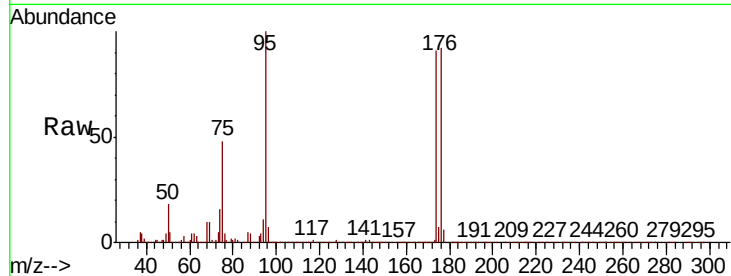




#62
4-Bromofluorobenzene
Concen: 47.040 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX013558.D
Acq: 23 Nov 2019 01:40

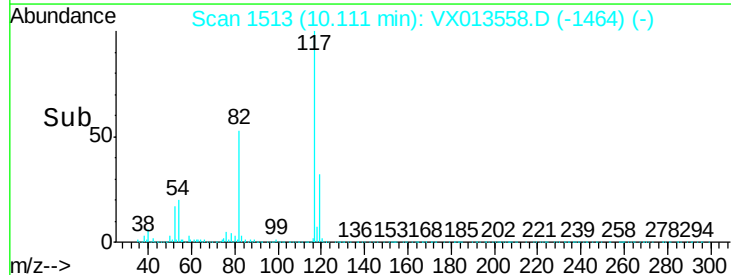
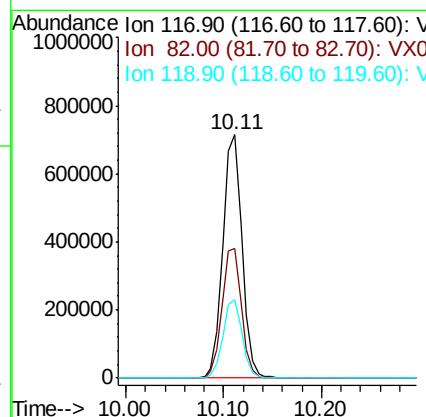
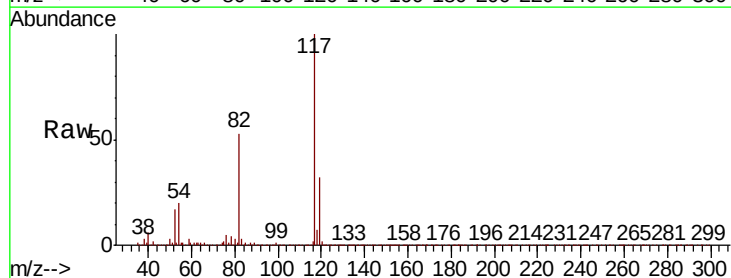
Instrument :
MSVOA_X
ClientSampleId :
29BR-20191120DL

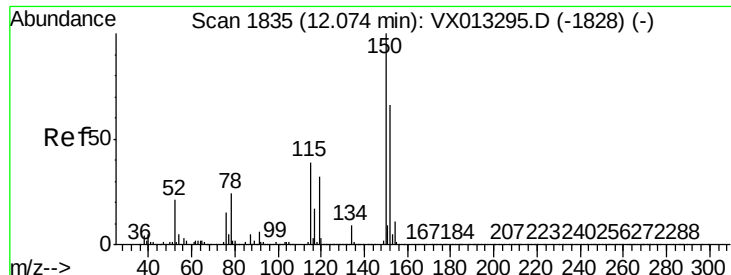
Tot Ion	Ratio	Lower	Upper
95	100		
174	89.0	0.0	179.8
176	86.5	0.0	173.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013558.D
Acq: 23 Nov 2019 01:40

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.3	42.6	64.0
119	32.3	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: VX013558.D

Acq: 23 Nov 2019 01:40

Instrument :

MSVOA_X

ClientSampleId :

29BR-20191120DL

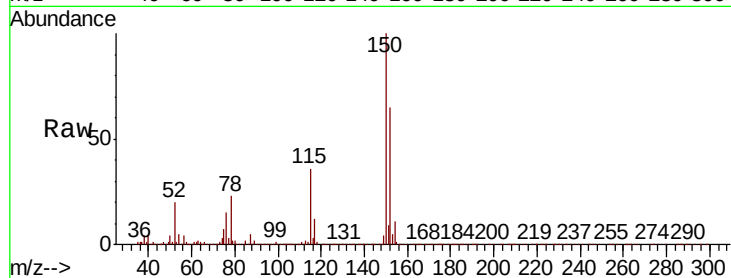
Tot Ion:152 Resp: 443247

Ion Ratio Lower Upper

152 100

115 54.8 39.5 118.3

150 157.7 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

