

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042020\
 Data File : VX015765.D
 Acq On : 20 Apr 2020 15:04
 Operator : JC/SP
 Sample : IBLK
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 21 07:55:56 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	1043868	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1610956	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1566295	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	877705	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	608054	41.30	ug/l	0.00
Spiked Amount			Recovery	=	82.60%	
35) Dibromofluoromethane	5.47	113	496563	48.22	ug/l	0.00
Spiked Amount			Recovery	=	96.44%	
50) Toluene-d8	8.70	98	1927633	50.84	ug/l	0.00
Spiked Amount			Recovery	=	101.68%	
62) 4-Bromofluorobenzene	11.12	95	816752	53.01	ug/l	0.00
Spiked Amount			Recovery	=	106.02%	

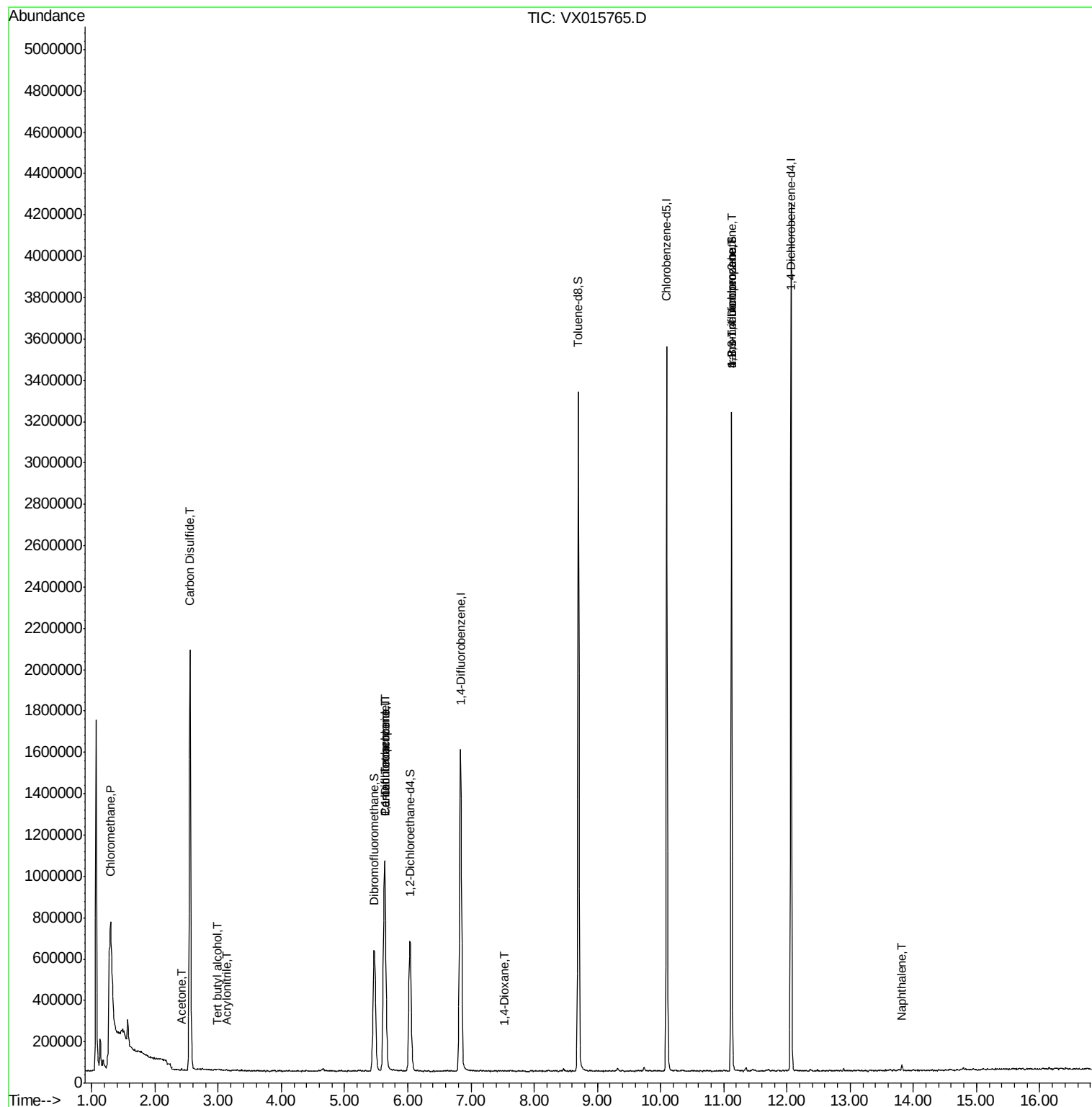
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.30	50	47030	4.016	ug/l #	49
5) Bromomethane	1.62	94	174	Below Cal	#	3
11) Tert butyl alcohol	2.98	59	2213	0.628	ug/l #	25
15) Acrylonitrile	3.14	53	1861	0.277	ug/l #	33
16) Acetone	2.42	43	3981	0.629	ug/l #	89
17) Carbon Disulfide	2.55	76	2532310	84.231	ug/l	99
36) 1,1-Dichloropropene	5.63	75	68448	4.611	ug/l #	53
38) Carbon Tetrachloride	5.64	117	92554	5.757	ug/l #	15
49) 1,4-Dioxane	7.51	88	486	1.599	ug/l	94
76) 1,2,3-Trichloropropane	11.12	75	401254	22.231	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.12	75	401254	53.342	ug/l #	10
95) Naphthalene	13.82	128	18157	0.280	ug/l #	85

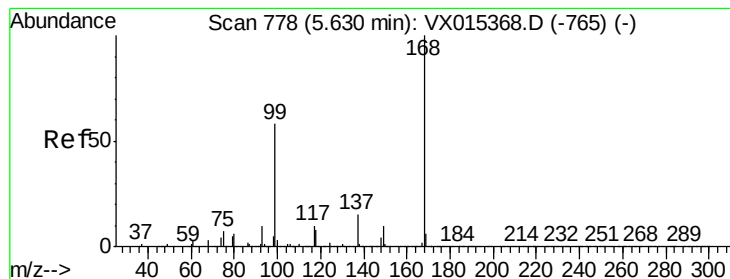
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 27 09:35:51 2020
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: VX015765.D

Acq: 20 Apr 2020 15:04

Instrument :

MSVOA_X

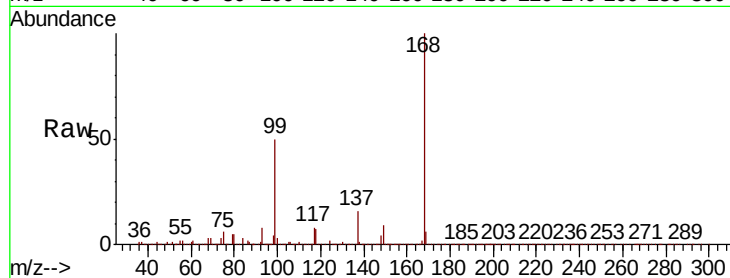
ClientSampleId :

Tot Ion:168 Resp: 1043868

Ion Ratio Lower Upper

168 100

99 49.7 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

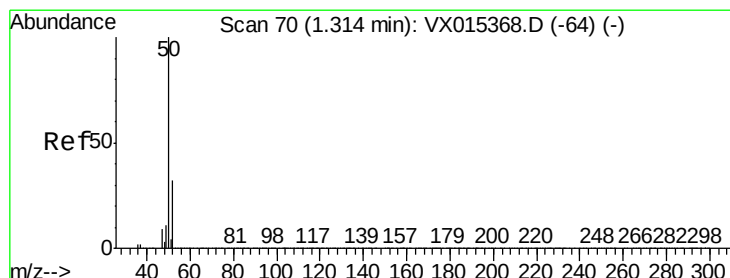
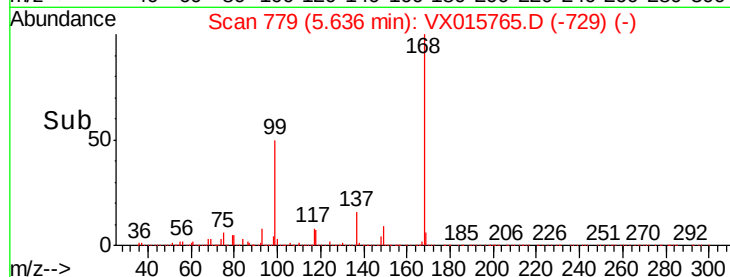
200000

100000

0

5.50 5.60 5.70 5.80

Time-->



#3

Chloromethane

Concen: 4.016 ug/l

RT: 1.30 min Scan# 67

Delta R.T. -0.02 min

Lab File: VX015765.D

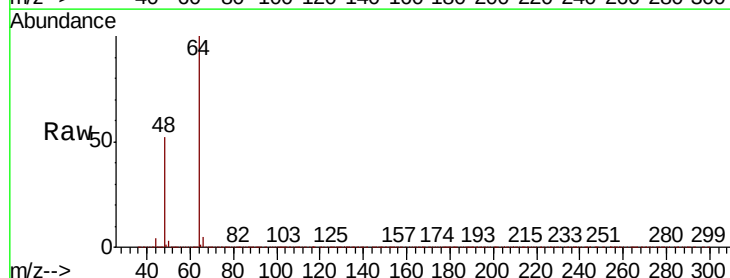
Acq: 20 Apr 2020 15:04

Tgt Ion: 50 Resp: 47030

Ion Ratio Lower Upper

50 100

52 3.2 25.3 37.9#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.30

12000

10000

8000

6000

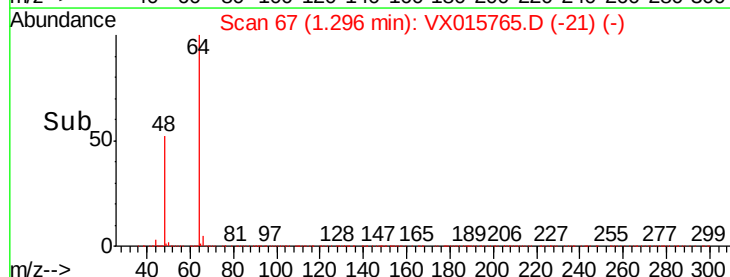
4000

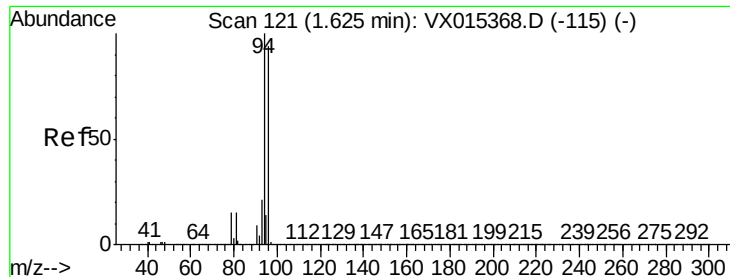
2000

0

1.20 1.30 1.40

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX015765.D

Acq: 20 Apr 2020 15:04

Instrument :

MSVOA_X

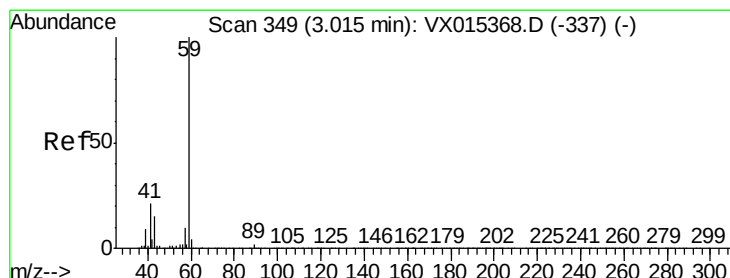
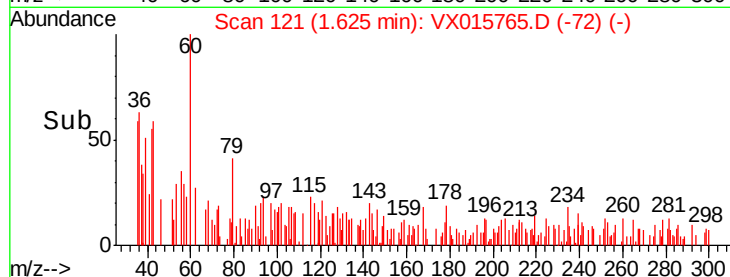
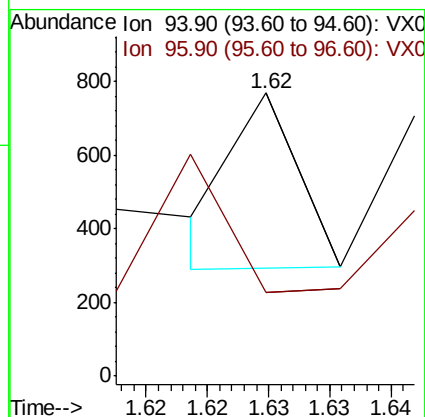
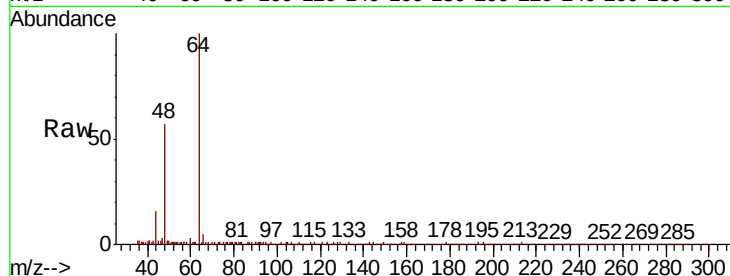
ClientSampled :

Tot Ion: 94 Resp: 174

Ion Ratio Lower Upper

94 100

96 0.0 74.8 112.2#



#11

Tert butyl alcohol

Concen: 0.628 ug/l

RT: 2.98 min Scan# 344

Delta R.T. -0.03 min

Lab File: VX015765.D

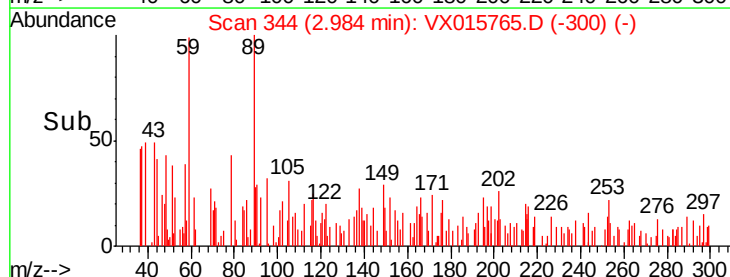
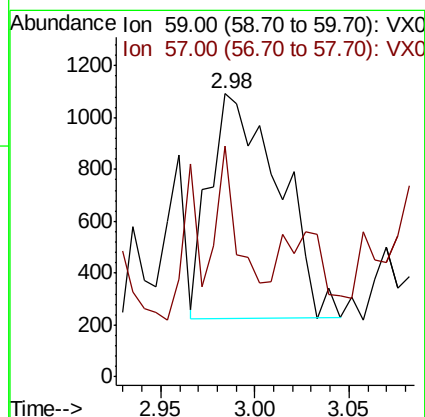
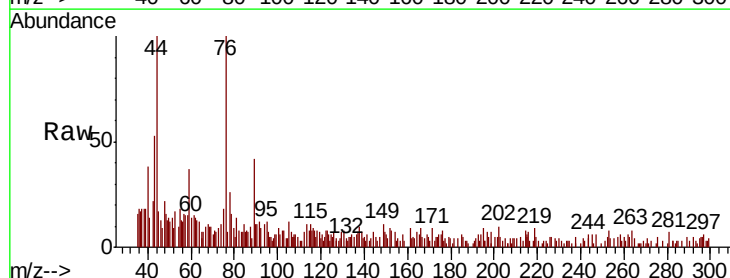
Acq: 20 Apr 2020 15:04

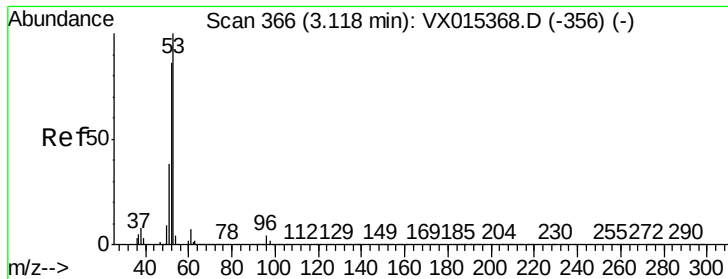
Tgt Ion: 59 Resp: 2213

Ion Ratio Lower Upper

59 100

57 37.8 8.1 12.1#





#15

Acrylonitrile

Concen: 0.277 ug/l

RT: 3.14 min Scan# 369

Delta R.T. 0.02 min

Lab File: VX015765.D

Acq: 20 Apr 2020 15:04

Instrument :

MSVOA_X

ClientSampled :

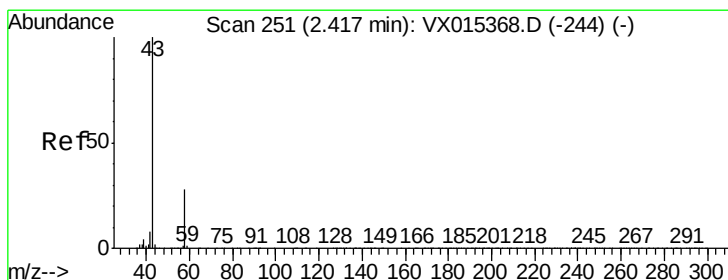
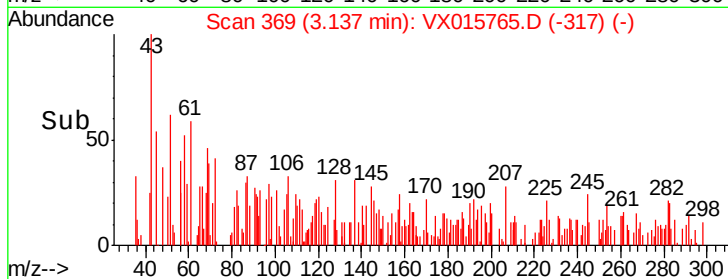
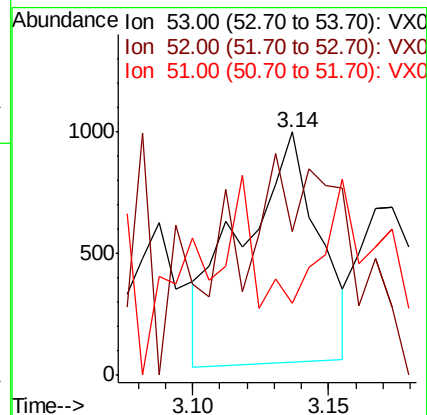
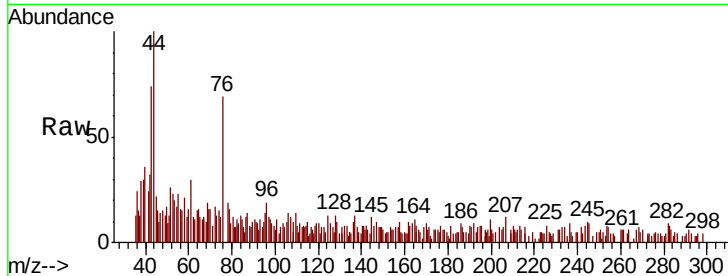
Tot Ion: 53 Resp: 1861

Ion Ratio Lower Upper

53 100

52 20.6 66.8 100.2#

51 0.0 29.5 44.3#



#16

Acetone

Concen: 0.629 ug/l

RT: 2.42 min Scan# 252

Delta R.T. 0.01 min

Lab File: VX015765.D

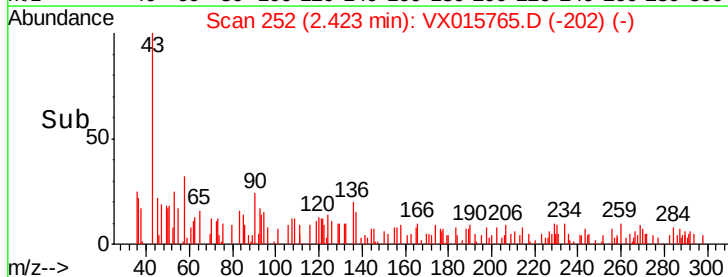
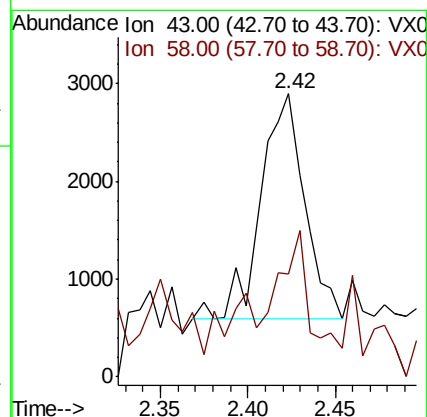
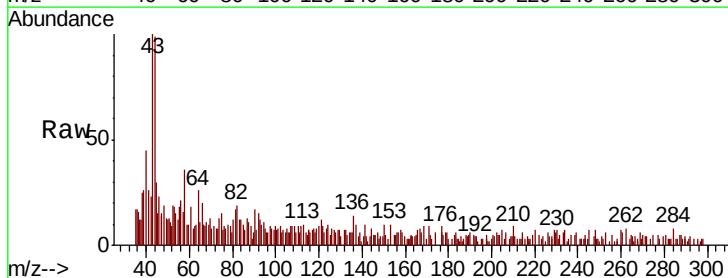
Acq: 20 Apr 2020 15:04

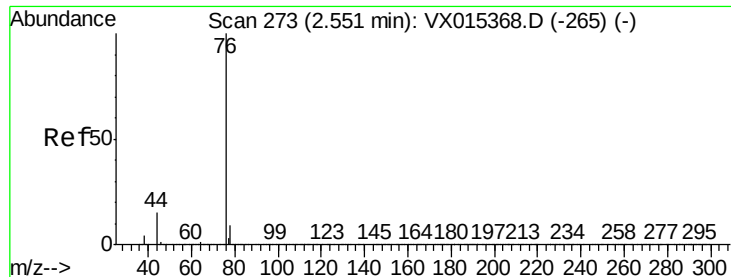
Tgt Ion: 43 Resp: 3981

Ion Ratio Lower Upper

43 100

58 33.3 22.1 33.1#

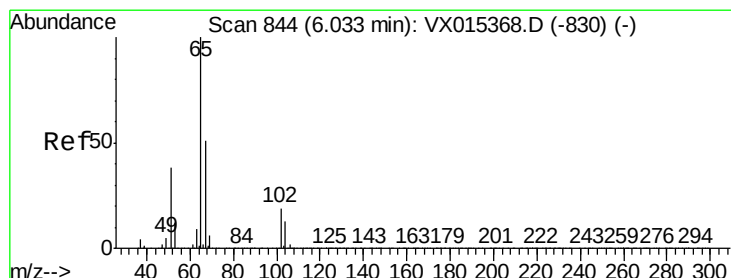
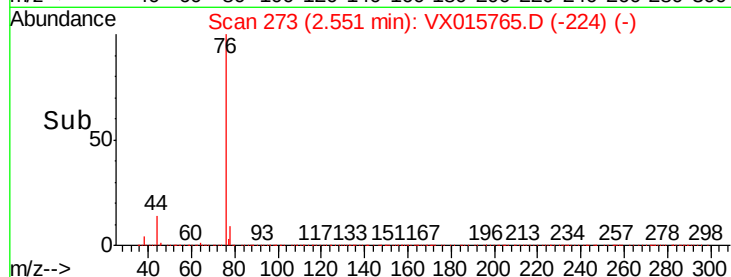
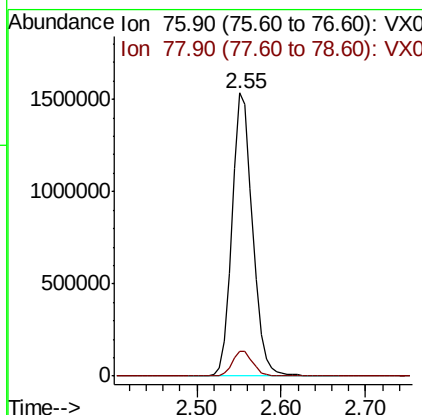
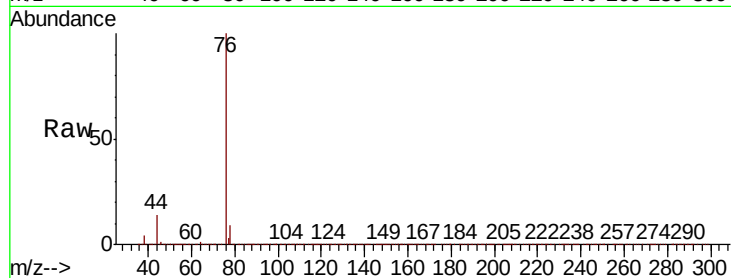




#17
Carbon Disulfide
Concen: 84.231 ug/l
RT: 2.55 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX015765.D
Acq: 20 Apr 2020 15:04

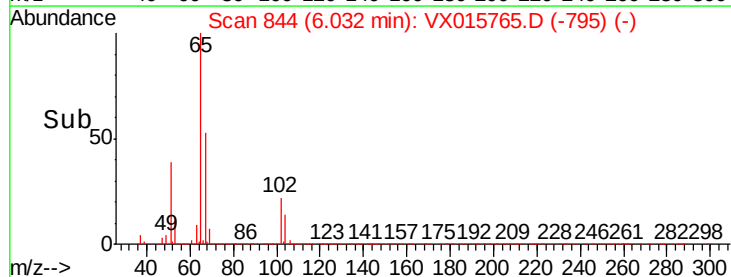
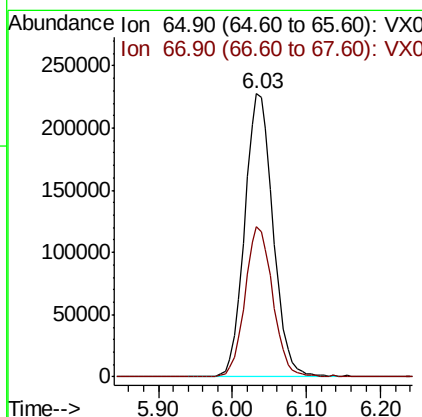
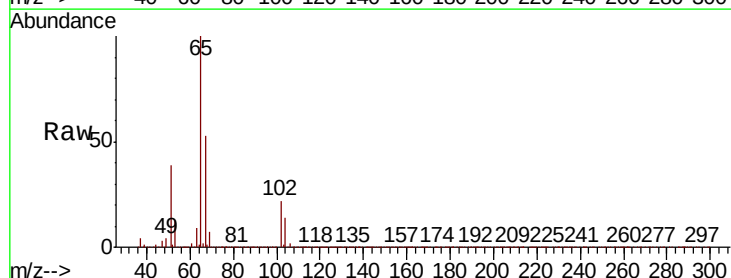
Instrument :
MSVOA_X
ClientSampleId :

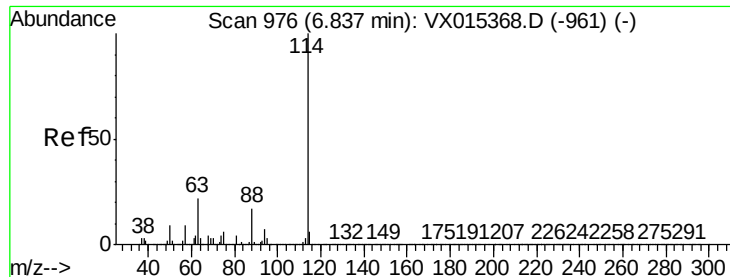
Tot Ion: 76 Resp: 2532310
Ion Ratio Lower Upper
76 100
78 8.6 7.1 10.7



#33
1,2-Dichloroethane-d4
Concen: 41.301 ug/l
RT: 6.03 min Scan# 844
Delta R.T. -0.00 min
Lab File: VX015765.D
Acq: 20 Apr 2020 15:04

Tgt Ion: 65 Resp: 608054
Ion Ratio Lower Upper
65 100
67 51.6 0.0 102.6

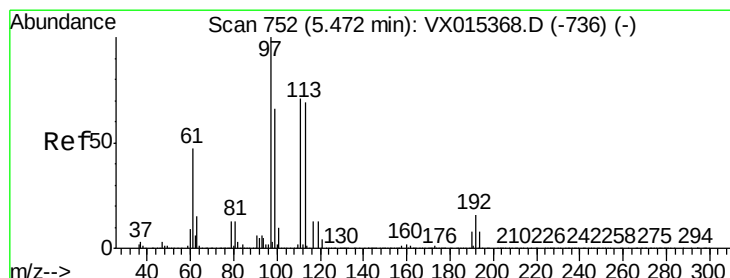
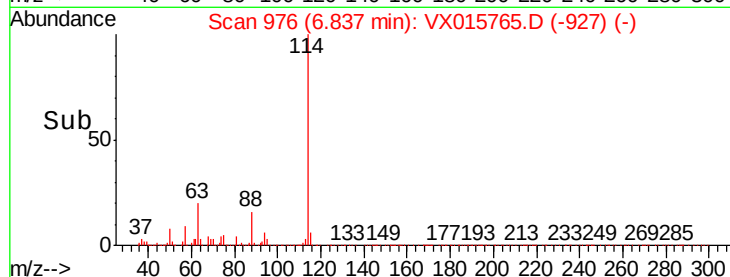
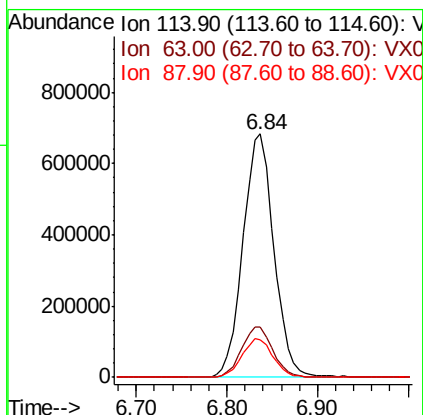
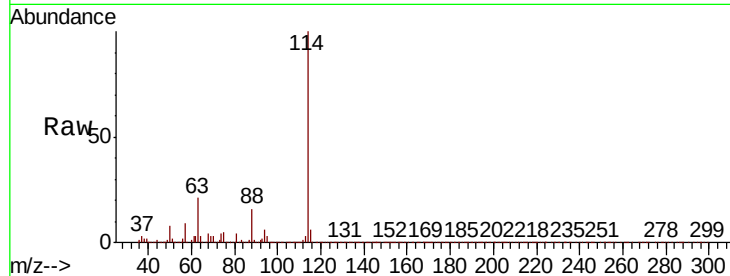




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.84 min Scan# 976
Delta R.T. -0.00 min
Lab File: VX015765.D
Acq: 20 Apr 2020 15:04

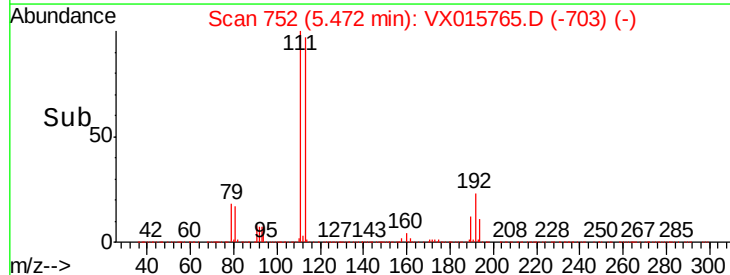
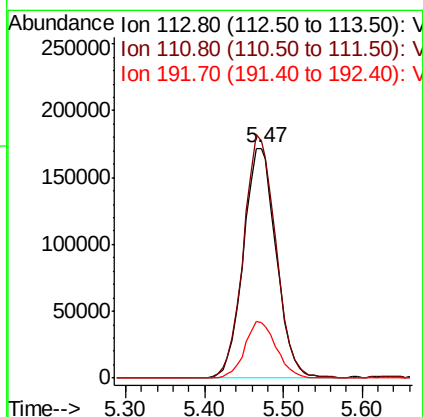
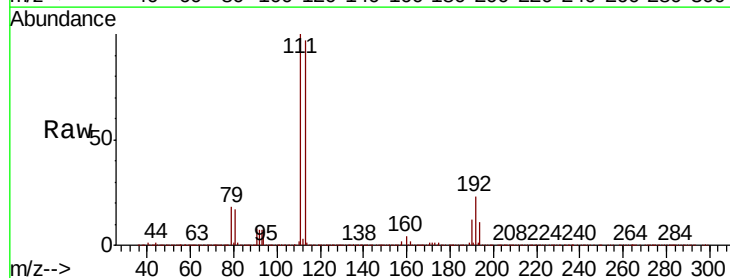
Instrument :
MSVOA_X
ClientSampleId :

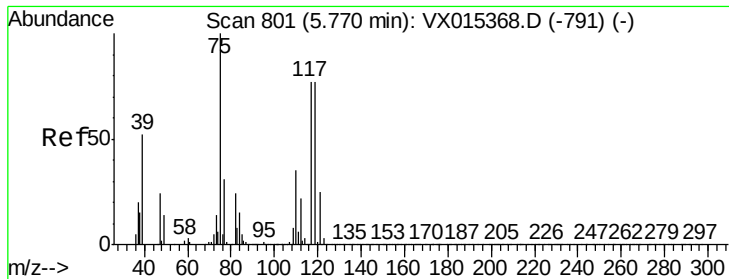
Tot Ion:114 Resp: 1610956
Ion Ratio Lower Upper
114 100
63 20.4 0.0 44.2
88 15.5 0.0 33.8



#35
Dibromofluoromethane
Concen: 48.221 ug/l
RT: 5.47 min Scan# 752
Delta R.T. -0.00 min
Lab File: VX015765.D
Acq: 20 Apr 2020 15:04

Tgt Ion:113 Resp: 496563
Ion Ratio Lower Upper
113 100
111 103.3 81.5 122.3
192 23.6 17.8 26.6

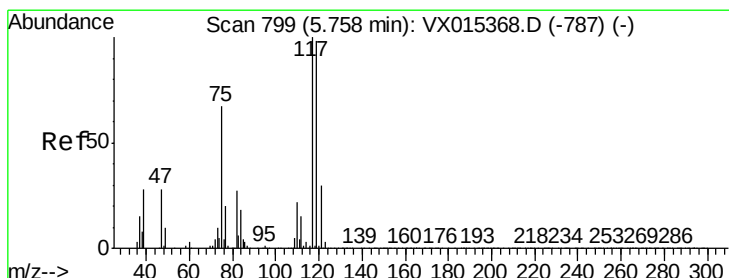
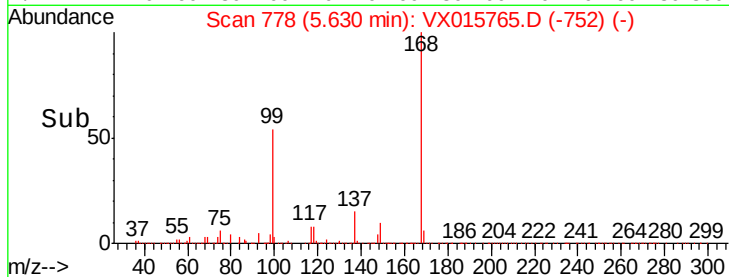
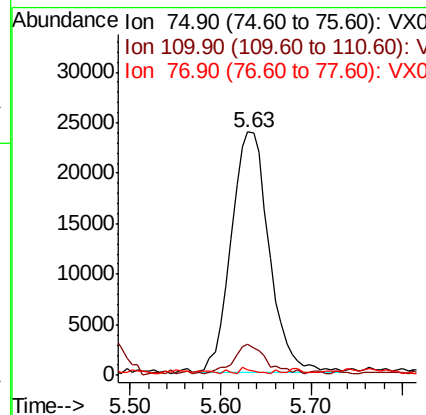
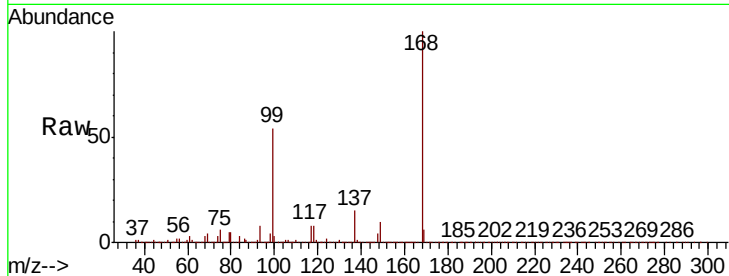




#36
 1,1-Dichloropropene
 Concen: 4.611 ug/l
 RT: 5.63 min Scan# 778
 Delta R.T. -0.14 min
 Lab File: VX015765.D
 Acq: 20 Apr 2020 15:04

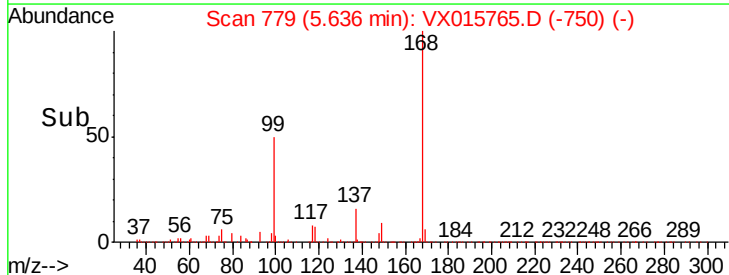
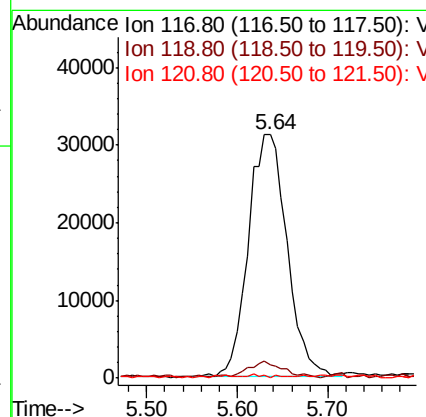
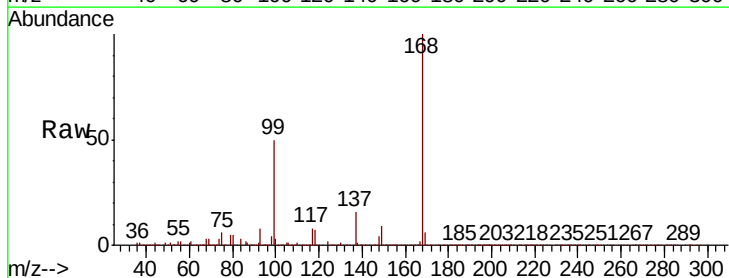
Instrument :
 MSVOA_X
 ClientSampleId :

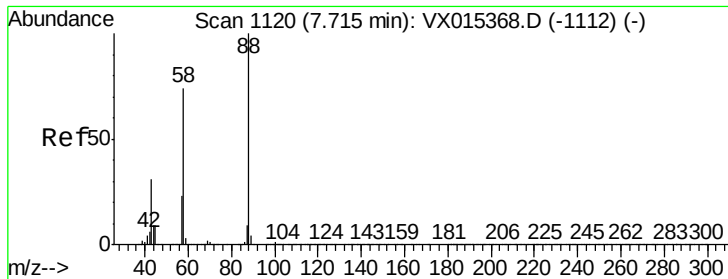
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.7	17.1	51.3#
77	0.8	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 5.757 ug/l
 RT: 5.64 min Scan# 779
 Delta R.T. -0.12 min
 Lab File: VX015765.D
 Acq: 20 Apr 2020 15:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.2	78.0	117.0#
121	0.0	23.8	35.8#





#49

1,4-Dioxane

Concen: 1.599 ug/l

RT: 7.51 min Scan# 1087

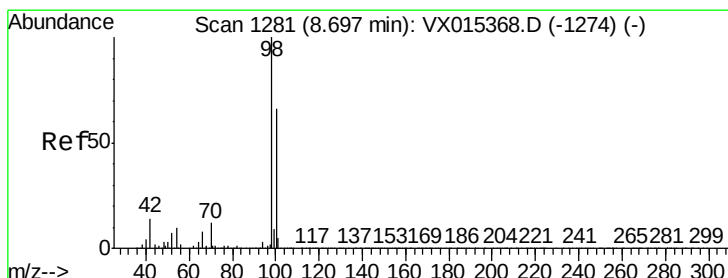
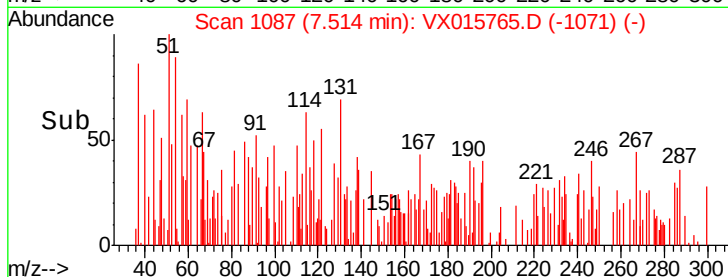
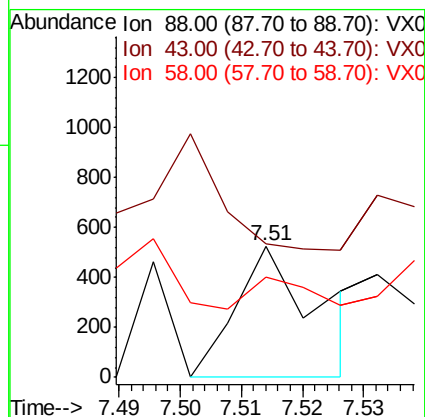
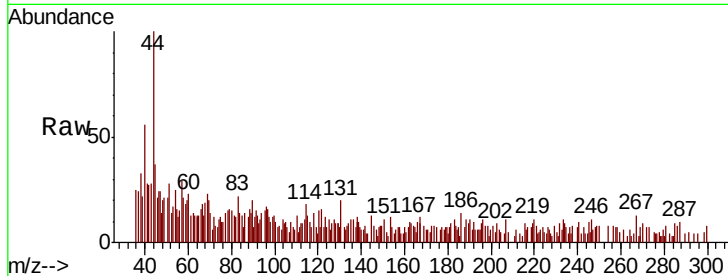
Delta R.T. -0.20 min

Lab File: VX015765.D

Acq: 20 Apr 2020 15:04

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	88	Resp:	486
Ion	Ratio	Lower	Upper
88	100		
43	35.6	30.1	45.1
58	70.0	60.6	90.8



#50

Toluene-d8

Concen: 50.843 ug/l

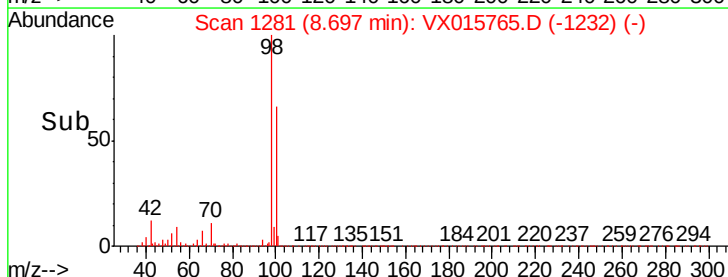
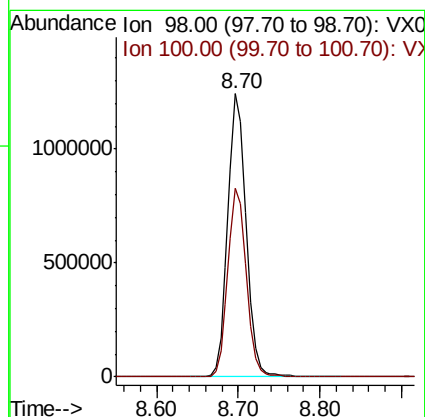
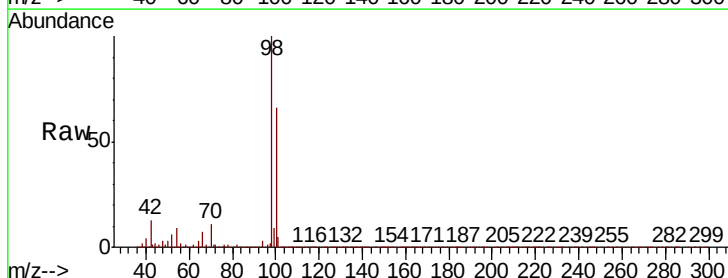
RT: 8.70 min Scan# 1281

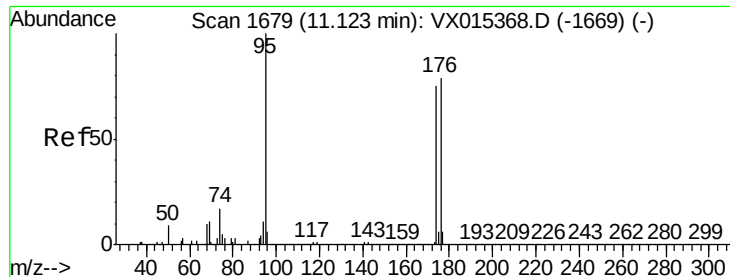
Delta R.T. -0.00 min

Lab File: VX015765.D

Acq: 20 Apr 2020 15:04

Tgt Ion:	98	Resp:	1927633
Ion	Ratio	Lower	Upper
98	100		
100	67.4	53.5	80.3





#62

4-Bromofluorobenzene

Concen: 53.008 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VX015765.D

Acq: 20 Apr 2020 15:04

Instrument :

MSVOA_X

ClientSampleId :

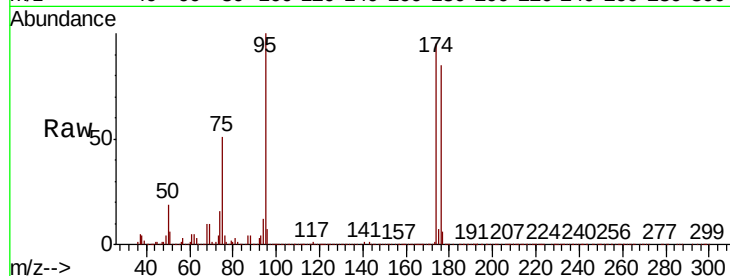
Tot Ion: 95 Resp: 816752

Ion Ratio Lower Upper

95 100

174 88.2 0.0 158.6

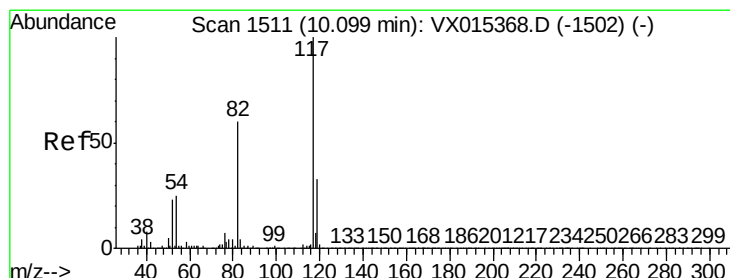
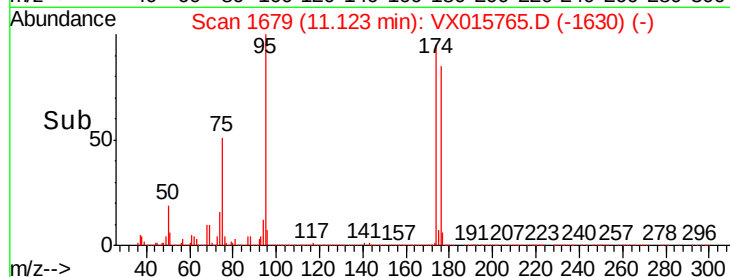
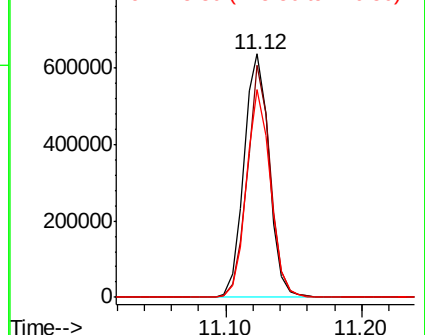
176 82.4 0.0 159.0



Abundance Ion 94.90 (94.60 to 95.60): VX015765.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX015765.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX015765.D (-1630) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1511

Delta R.T. -0.00 min

Lab File: VX015765.D

Acq: 20 Apr 2020 15:04

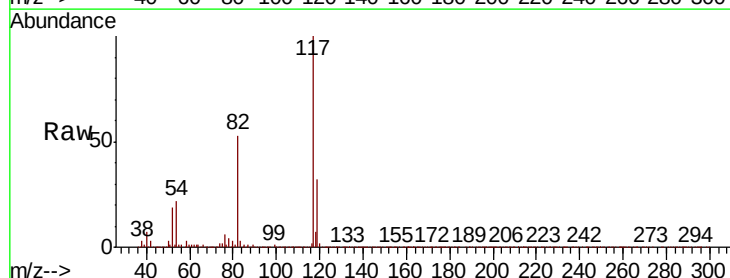
Tgt Ion: 117 Resp: 1566295

Ion Ratio Lower Upper

117 100

82 53.4 47.8 71.8

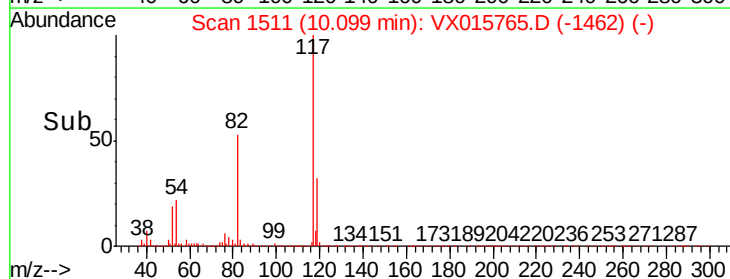
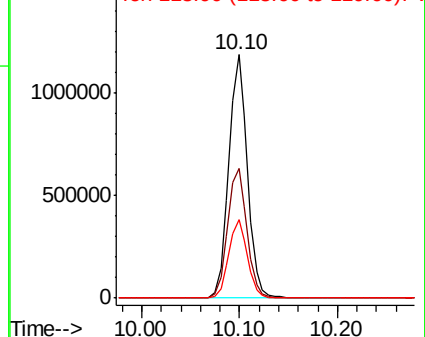
119 32.0 26.8 40.2

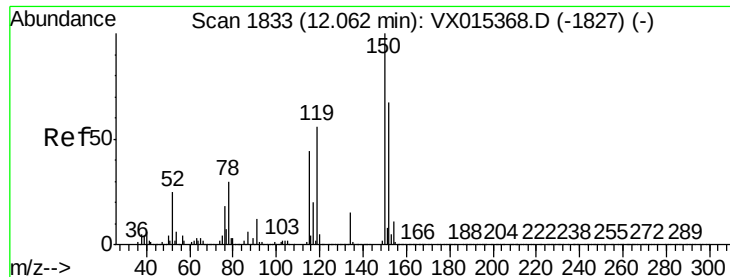


Abundance Ion 116.90 (116.60 to 117.60): VX015765.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX015765.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX015765.D (-1462) (-)

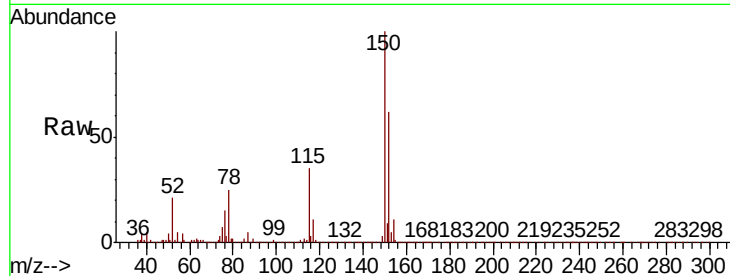




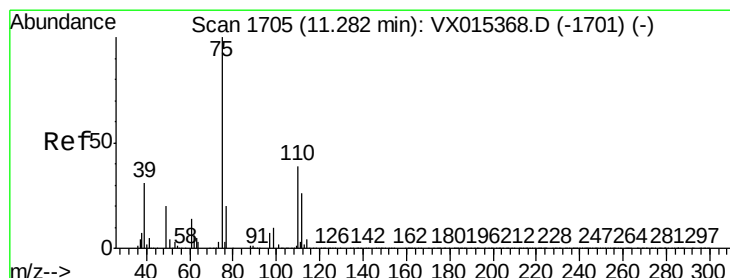
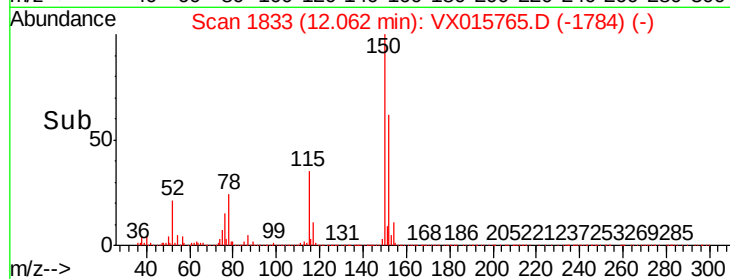
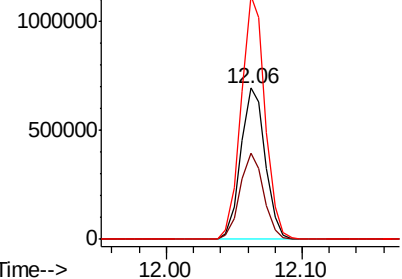
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX015765.D
 Acq: 20 Apr 2020 15:04

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.7	39.0	116.9
150	157.2	0.0	340.8

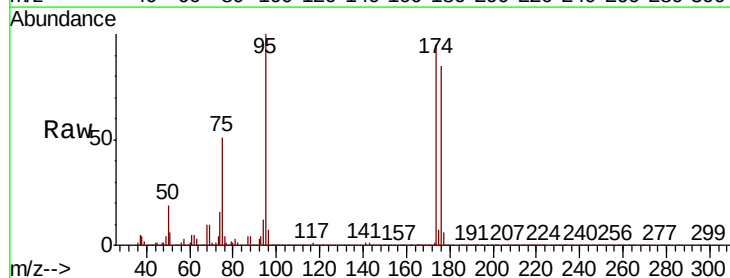


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

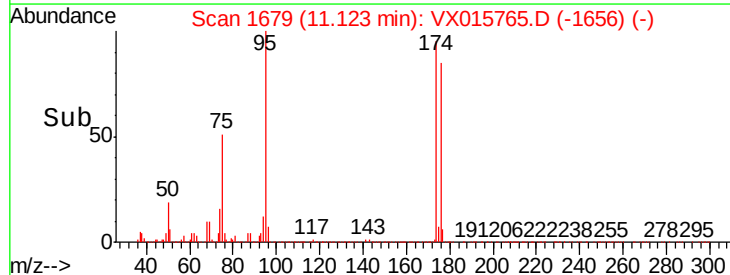
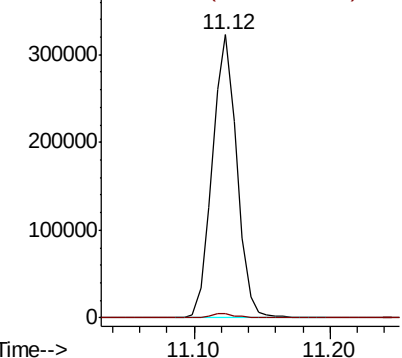


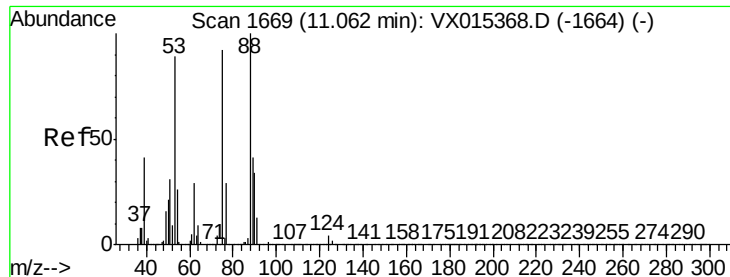
#76
 1,2,3-Trichloropropane
 Concen: 22.231 ug/l
 RT: 11.12 min Scan# 1679
 Delta R.T. -0.16 min
 Lab File: VX015765.D
 Acq: 20 Apr 2020 15:04

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.4	21.2	63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 53.342 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.06 min

Lab File: VX015765.D

Acq: 20 Apr 2020 15:04

Instrument :

MSVOA_X

ClientSampleId :

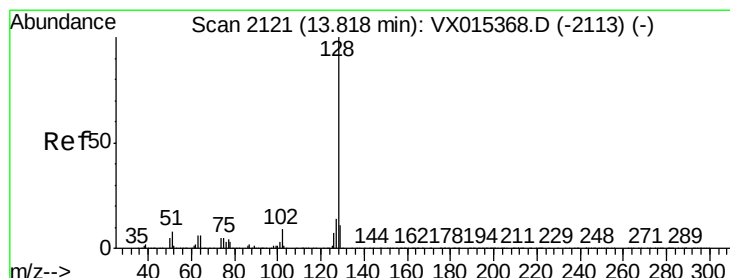
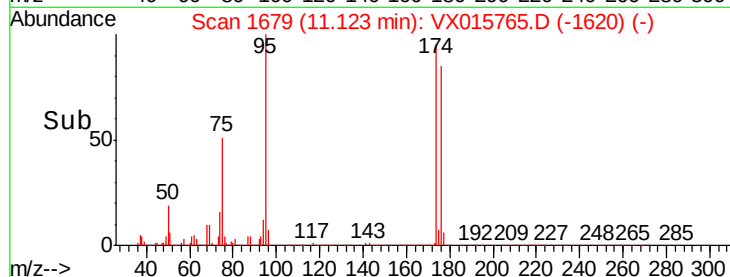
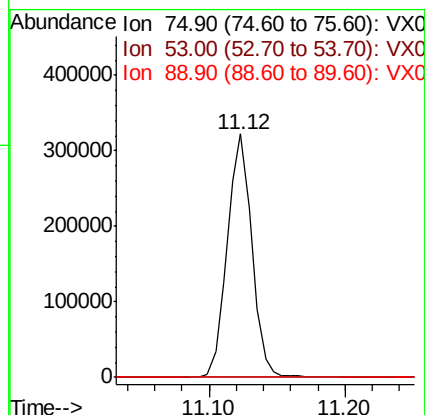
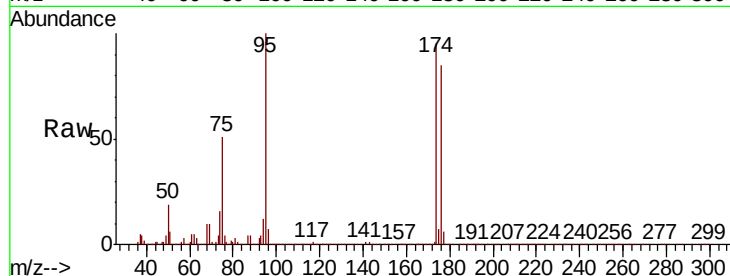
Tot Ion: 75 Resp: 401254

Ion Ratio Lower Upper

75 100

53 0.2 80.1 120.1#

89 0.1 36.1 54.1#



#95

Naphthalene

Concen: 0.280 ug/l

RT: 13.82 min Scan# 2121

Delta R.T. -0.00 min

Lab File: VX015765.D

Acq: 20 Apr 2020 15:04

Tgt Ion: 128 Resp: 18157

Ion Ratio Lower Upper

128 100

127 20.7 10.6 15.8#

129 15.4 8.8 13.2#

