

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032720\
 Data File : VX015389.D
 Acq On : 27 Mar 2020 18:06
 Operator : JC/SP
 Sample : L1997-15
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE123D1-20200317

Quant Time: Mar 30 01:45:50 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	1153469	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1913342	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1812884	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	936126	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	769756	47.32	ug/l	0.00
Spiked Amount			Recovery	=	94.64%	
35) Dibromofluoromethane	5.47	113	593803	48.55	ug/l	0.00
Spiked Amount			Recovery	=	97.10%	
50) Toluene-d8	8.70	98	2309235	51.28	ug/l	0.00
Spiked Amount			Recovery	=	102.56%	
62) 4-Bromofluorobenzene	11.12	95	983287	53.73	ug/l	0.00
Spiked Amount			Recovery	=	107.46%	

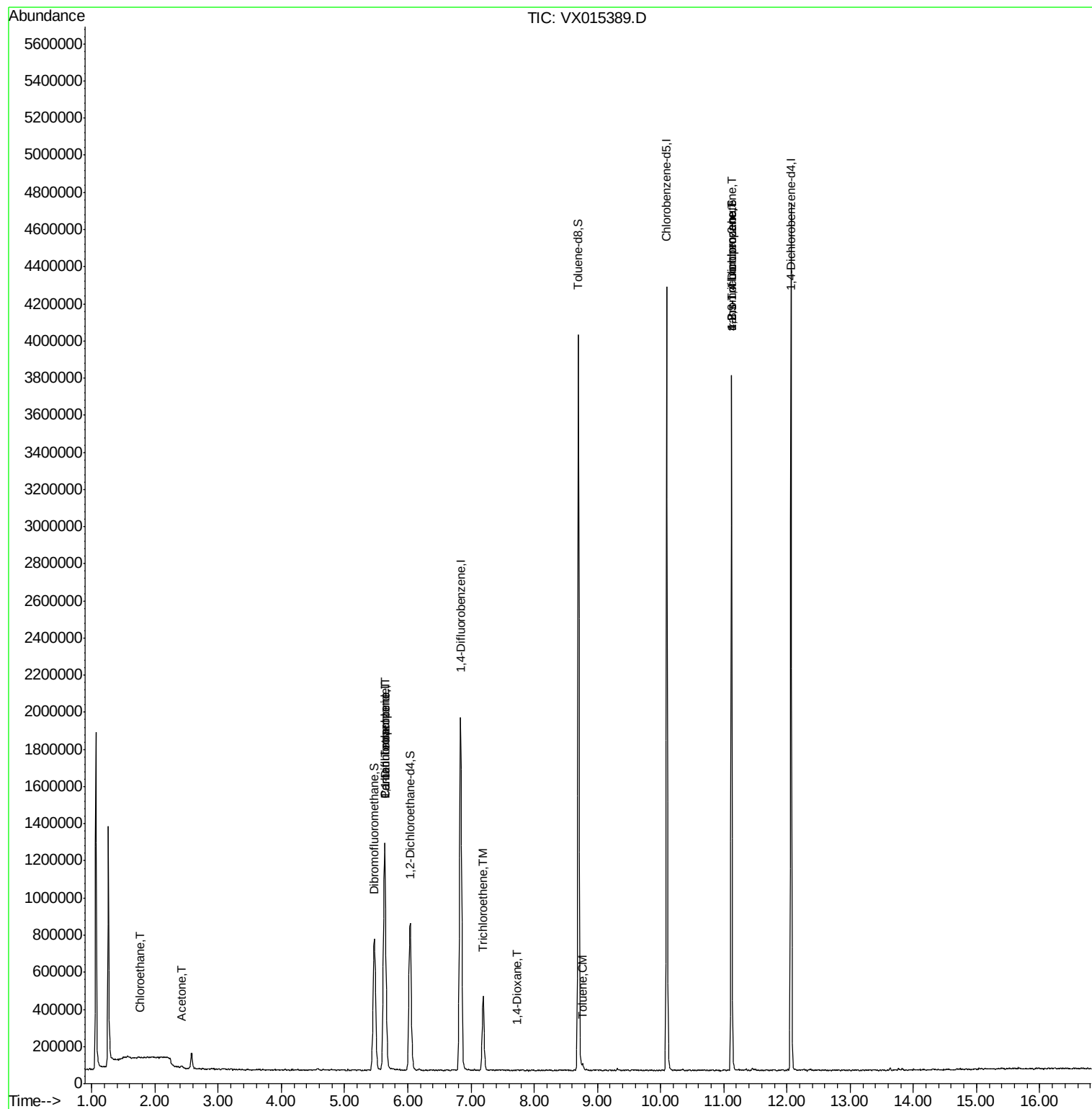
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	1092	Below Cal	#	79
6) Chloroethane	1.77	64	2787	0.378	ug/l #	43
16) Acetone	2.42	43	11463	1.640	ug/l	99
36) 1,1-Dichloropropene	5.64	75	87329	4.954	ug/l #	52
38) Carbon Tetrachloride	5.64	117	114068	5.974	ug/l #	14
44) Trichloroethene	7.20	130	156616	11.120	ug/l	90
49) 1,4-Dioxane	7.73	88	3754	10.397	ug/l #	68
52) Toluene	8.77	92	9358	0.294	ug/l	96
76) 1,2,3-Trichloropropane	11.12	75	506526	26.312	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.12	75	506526	63.135	ug/l #	10

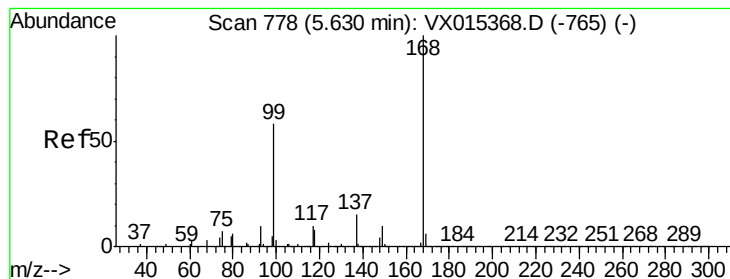
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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: VX015389.D

Acq: 27 Mar 2020 18:06

Instrument :

MSVOA_X

ClientSampleId :

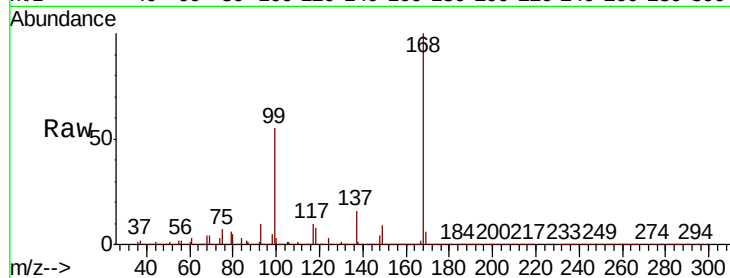
RE123D1-20200317

Tot Ion:168 Resp: 1153469

Ion Ratio Lower Upper

168 100

99 55.2 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

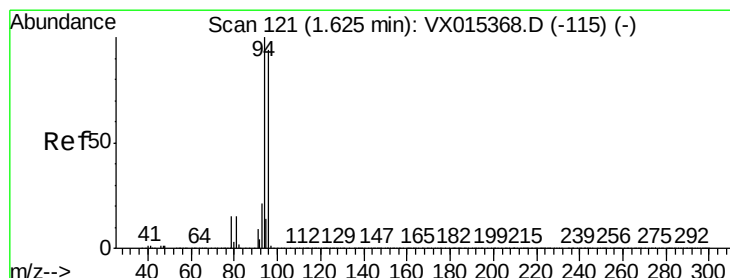
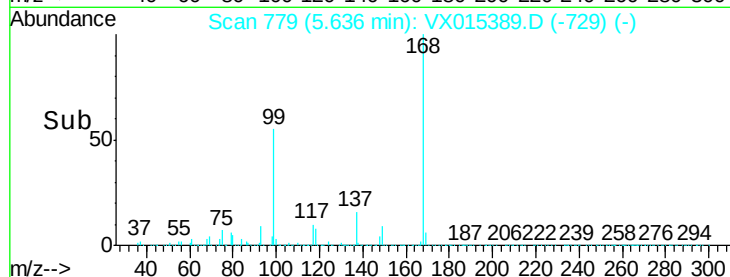
300000

200000

100000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 124

Delta R.T. 0.02 min

Lab File: VX015389.D

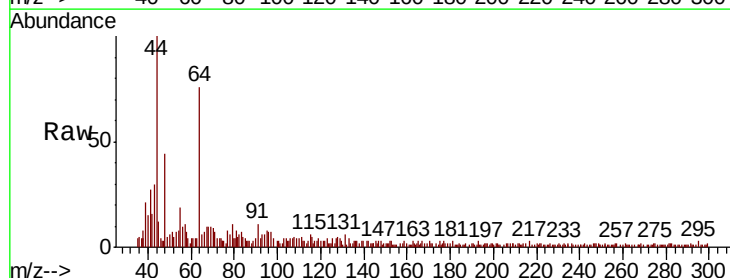
Acq: 27 Mar 2020 18:06

Tgt Ion: 94 Resp: 1092

Ion Ratio Lower Upper

94 100

96 113.4 74.8 112.2#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1200

1000

800

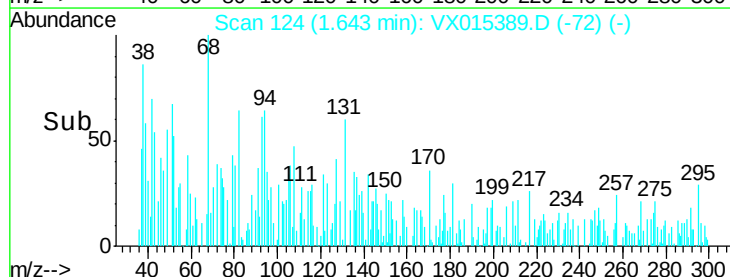
600

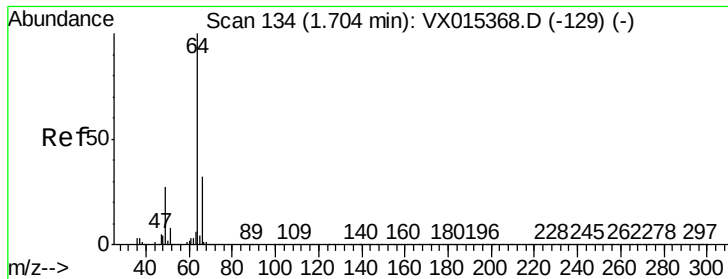
400

200

0

Time-->





#6

Chloroethane

Concen: 0.378 ug/l

RT: 1.77 min Scan# 144

Delta R.T. 0.06 min

Lab File: VX015389.D

Acq: 27 Mar 2020 18:06

Instrument :

MSVOA_X

ClientSampleId :

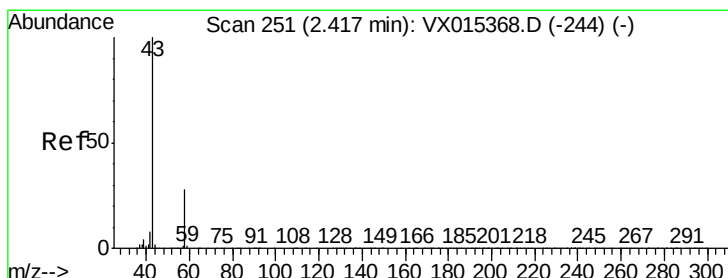
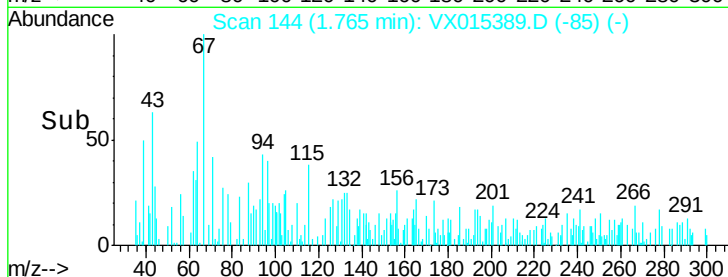
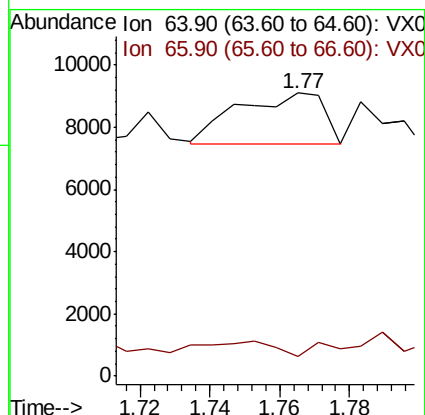
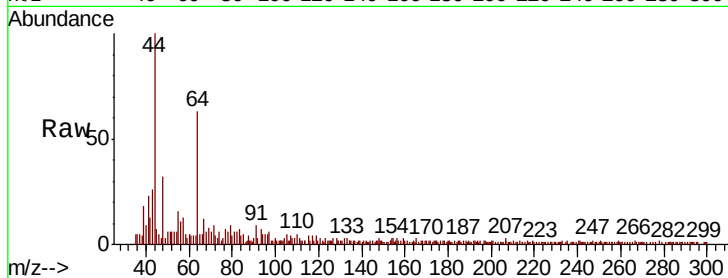
RE123D1-20200317

Tot Ion: 64 Resp: 2787

Ion Ratio Lower Upper

64 100

66 0.0 25.4 38.2#



#16

Acetone

Concen: 1.640 ug/l

RT: 2.42 min Scan# 251

Delta R.T. -0.00 min

Lab File: VX015389.D

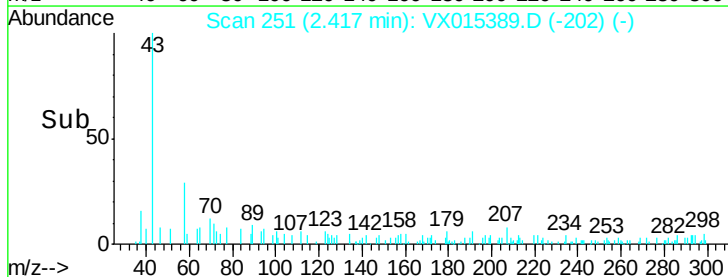
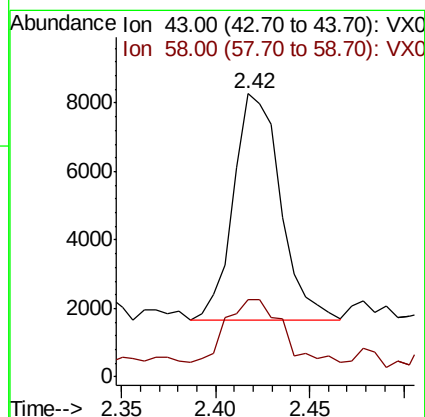
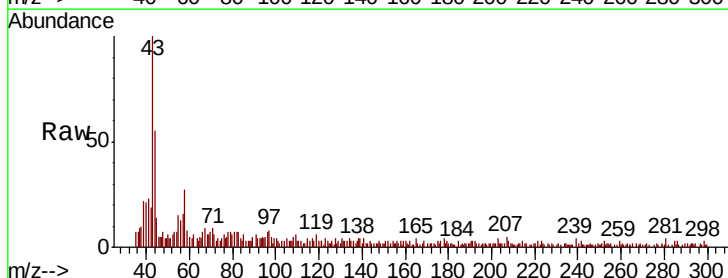
Acq: 27 Mar 2020 18:06

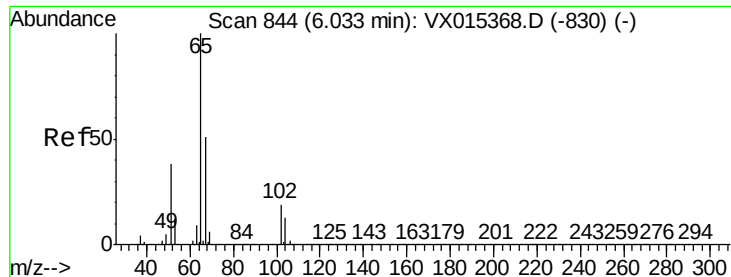
Tgt Ion: 43 Resp: 11463

Ion Ratio Lower Upper

43 100

58 28.2 22.1 33.1

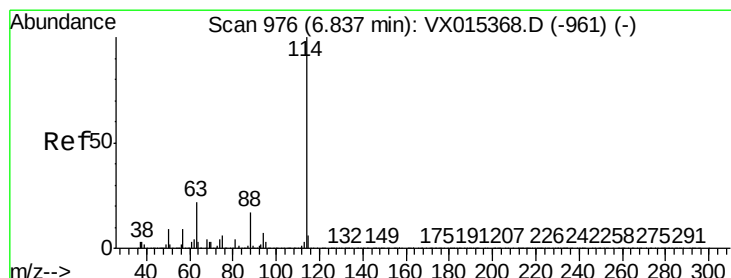
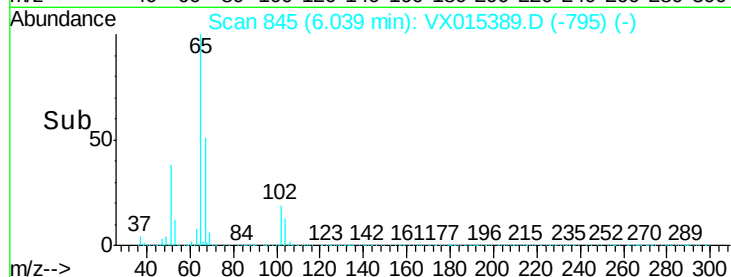
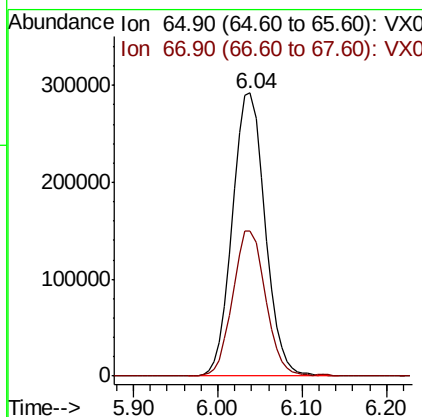
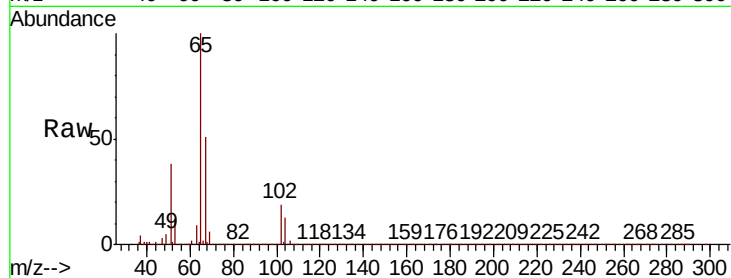




#33
 1,2-Dichloroethane-d4
 Concen: 47.316 ug/l
 RT: 6.04 min Scan# 845
 Delta R.T. 0.01 min
 Lab File: VX015389.D
 Acq: 27 Mar 2020 18:06

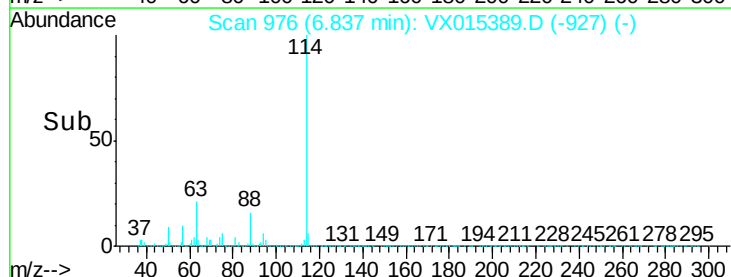
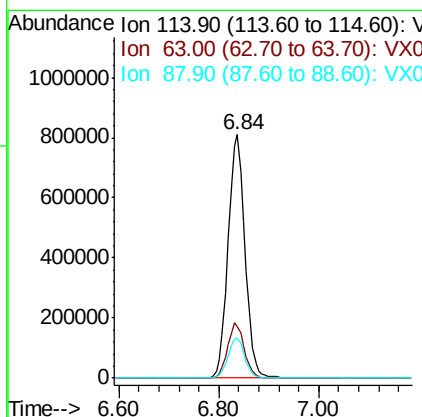
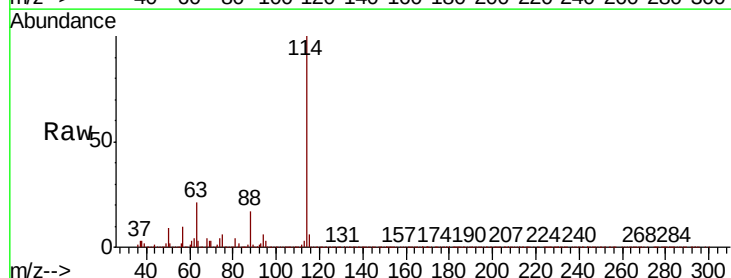
Instrument :
 MSVOA_X
 ClientSampleId :
 RE123D1-20200317

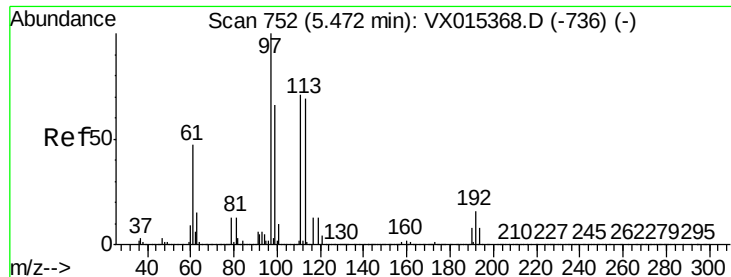
Tot Ion: 65 Resp: 769756
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: VX015389.D
 Acq: 27 Mar 2020 18:06

Tgt Ion: 114 Resp: 1913342
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 44.2
 88 16.5 0.0 33.8

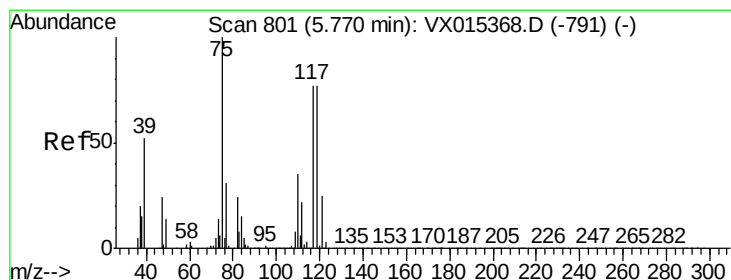
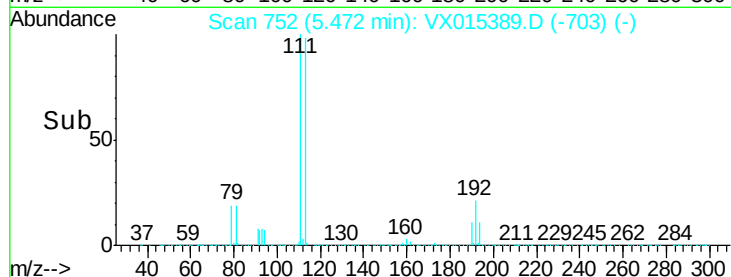
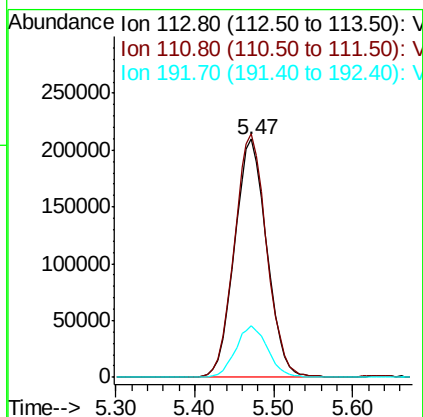
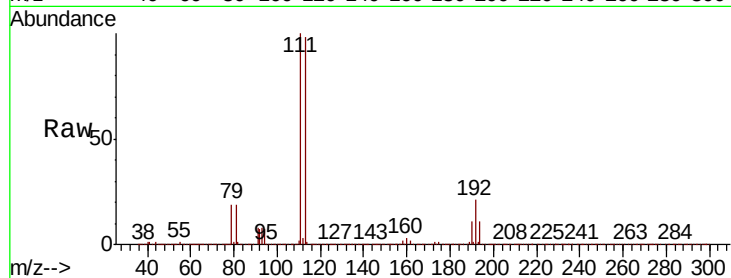




#35
Dibromofluoromethane
Concen: 48.551 ug/l
RT: 5.47 min Scan# 752
Delta R.T. -0.00 min
Lab File: VX015389.D
Acq: 27 Mar 2020 18:06

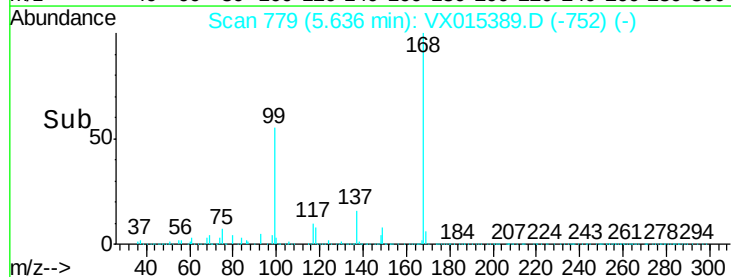
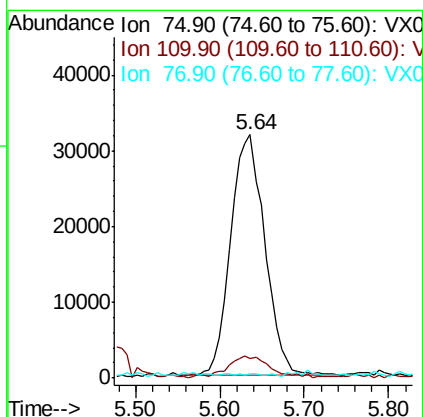
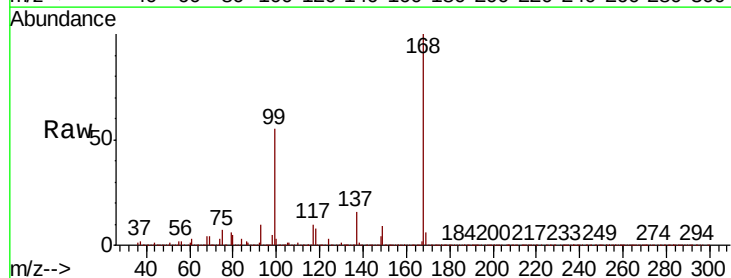
Instrument :
MSVOA_X
ClientSampleId :
RE123D1-20200317

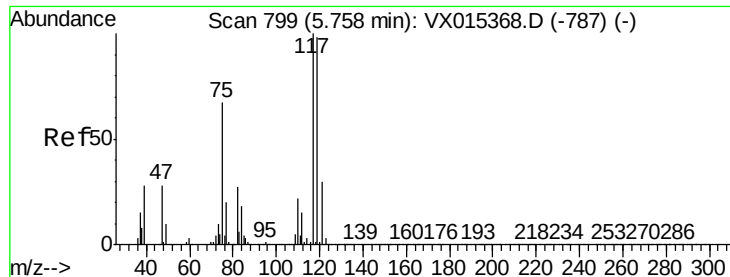
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.5	122.3
192	21.5	17.8	26.6



#36
1,1-Dichloropropene
Concen: 4.954 ug/l
RT: 5.64 min Scan# 779
Delta R.T. -0.13 min
Lab File: VX015389.D
Acq: 27 Mar 2020 18:06

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.5	17.1	51.3#
77	0.4	24.6	36.8#

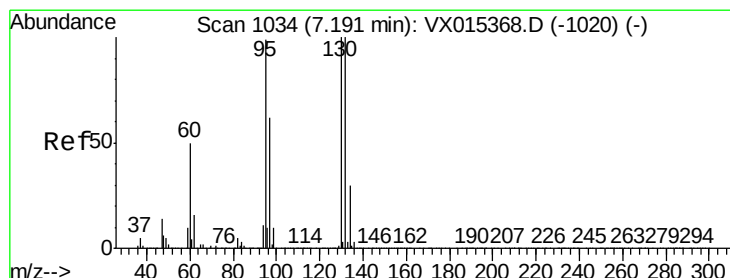
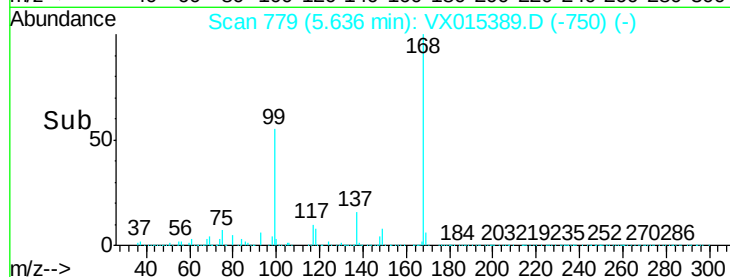
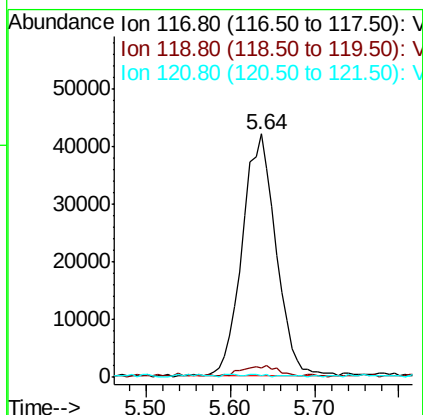
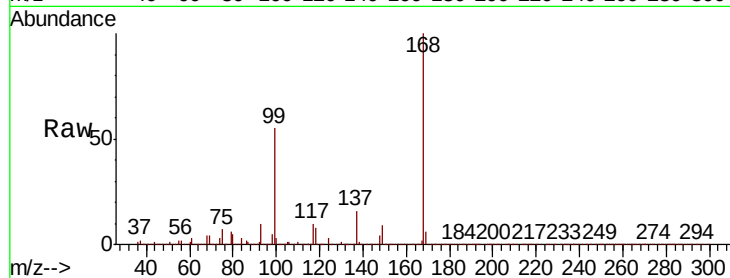




#38
Carbon Tetrachloride
Concen: 5.974 ug/l
RT: 5.64 min Scan# 779
Delta R.T. -0.12 min
Lab File: VX015389.D
Acq: 27 Mar 2020 18:06

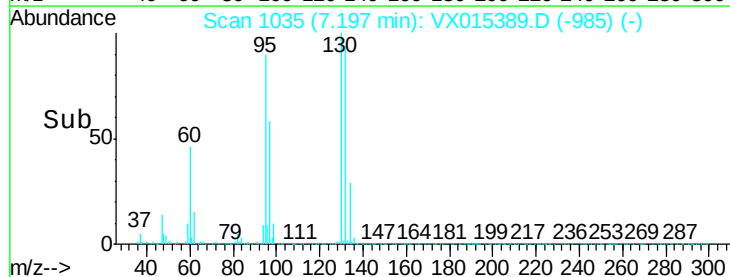
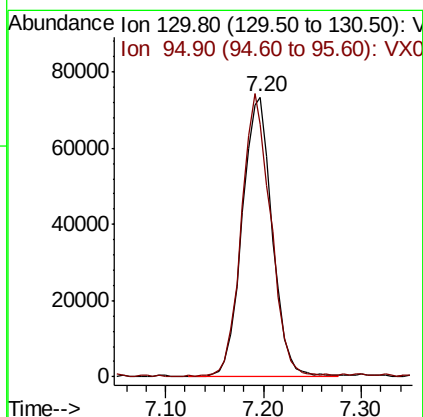
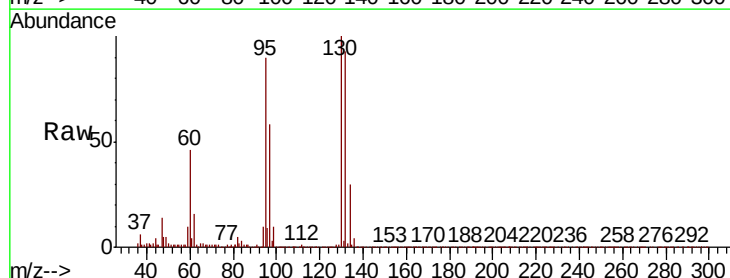
Instrument :
MSVOA_X
ClientSampleId :
RE123D1-20200317

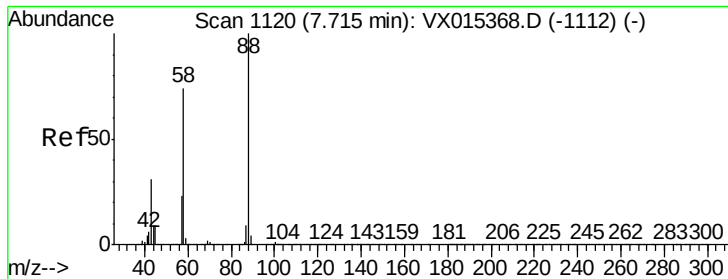
Tot Ion:117 Resp: 114068
Ion Ratio Lower Upper
117 100
119 3.3 78.0 117.0#
121 0.3 23.8 35.8#



#44
Trichloroethene
Concen: 11.120 ug/l
RT: 7.20 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX015389.D
Acq: 27 Mar 2020 18:06

Tgt Ion:130 Resp: 156616
Ion Ratio Lower Upper
130 100
95 89.8 0.0 199.0





#49

1,4-Dioxane

Concen: 10.397 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.02 min

Lab File: VX015389.D

Acq: 27 Mar 2020 18:06

Instrument :

MSVOA_X

ClientSampleId :

RE123D1-20200317

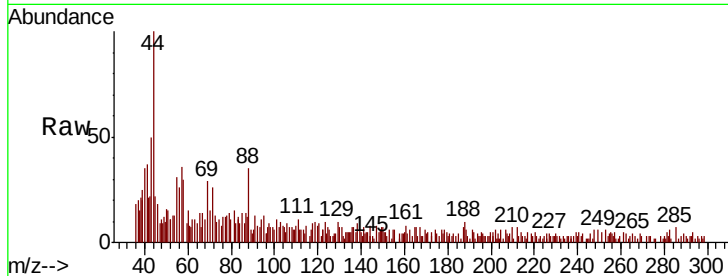
Tot Ion: 88 Resp: 3754

Ion Ratio Lower Upper

88 100

43 58.5 30.1 45.1#

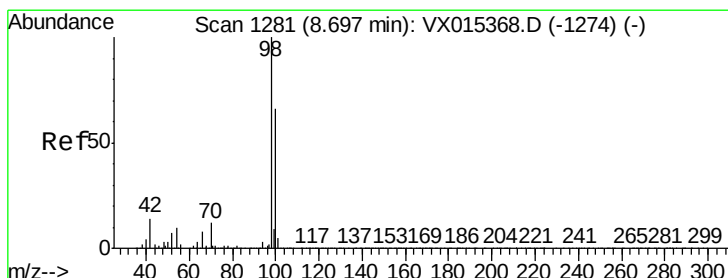
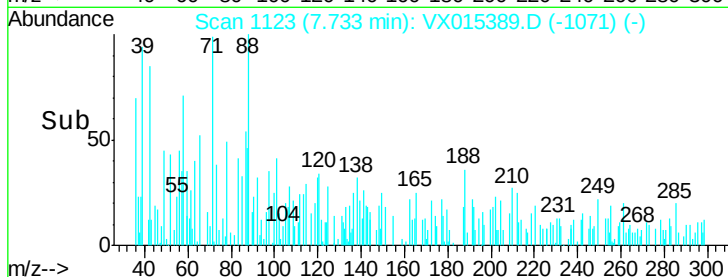
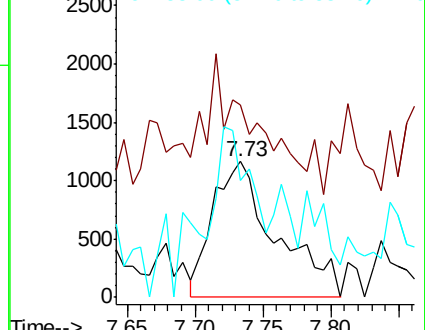
58 50.1 60.6 90.8#



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 51.282 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VX015389.D

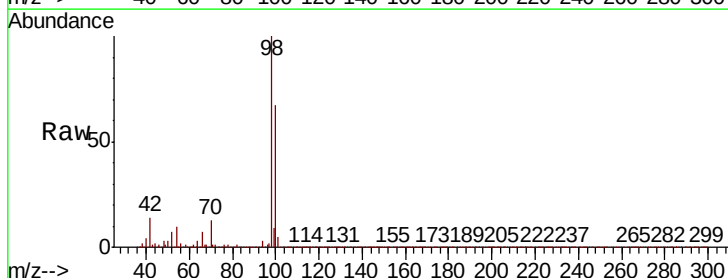
Acq: 27 Mar 2020 18:06

Tgt Ion: 98 Resp: 2309235

Ion Ratio Lower Upper

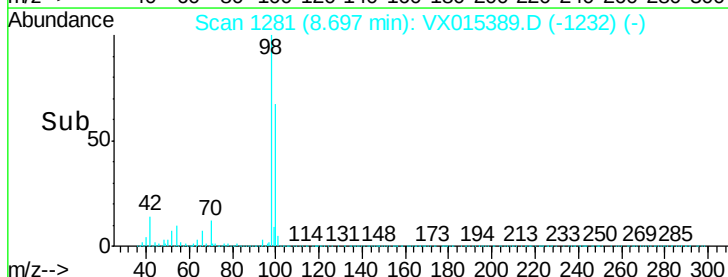
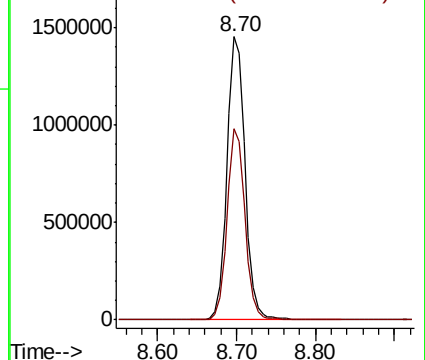
98 100

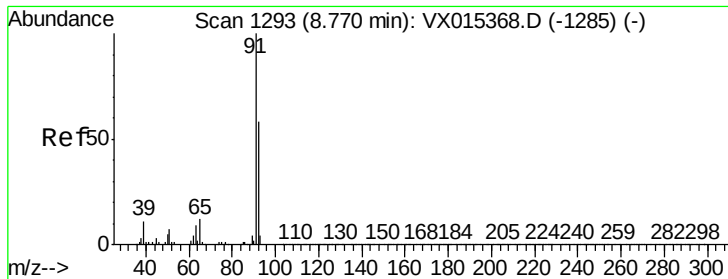
100 66.5 53.5 80.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#52

Toluene

Concen: 0.294 ug/l

RT: 8.77 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX015389.D

Acq: 27 Mar 2020 18:06

Instrument :

MSVOA_X

ClientSampleId :

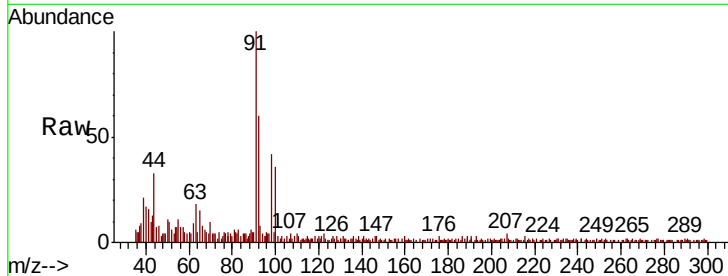
RE123D1-20200317

Tot Ion: 92 Resp: 9358

Ion Ratio Lower Upper

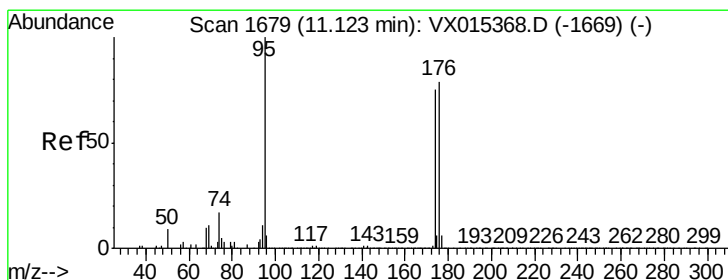
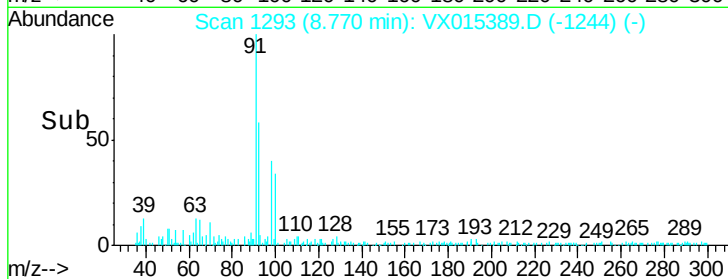
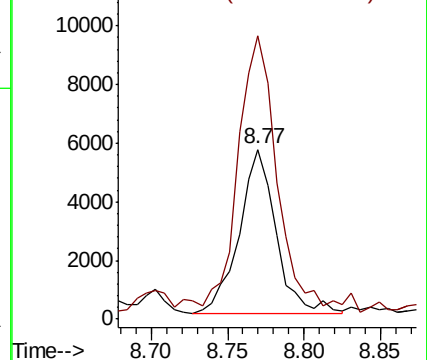
92 100

91 165.6 136.6 205.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 53.731 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015389.D

Acq: 27 Mar 2020 18:06

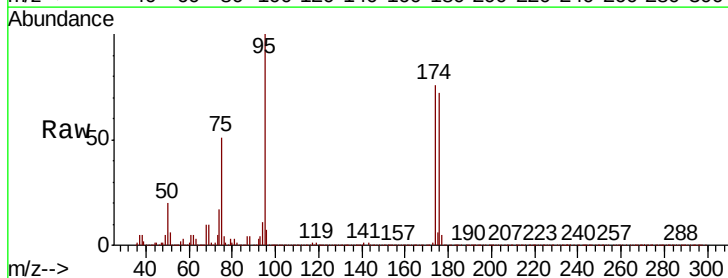
Tgt Ion: 95 Resp: 983287

Ion Ratio Lower Upper

95 100

174 76.7 0.0 158.6

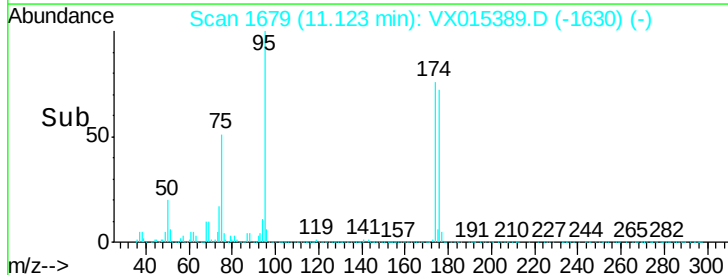
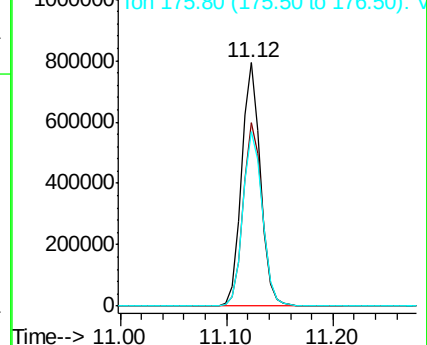
176 74.8 0.0 159.0

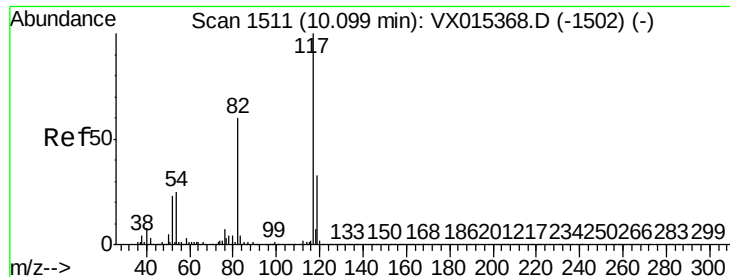


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

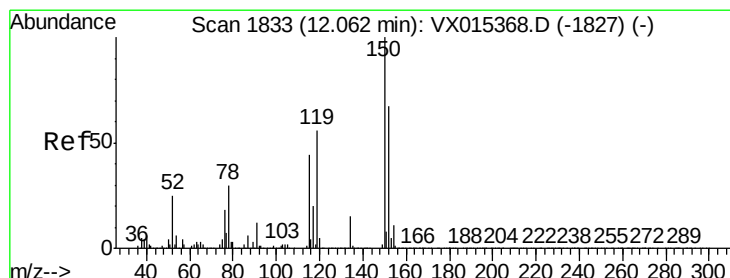
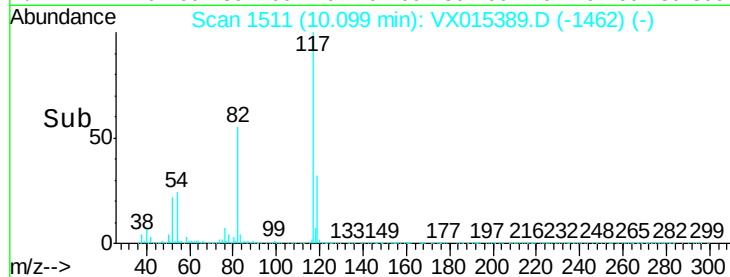
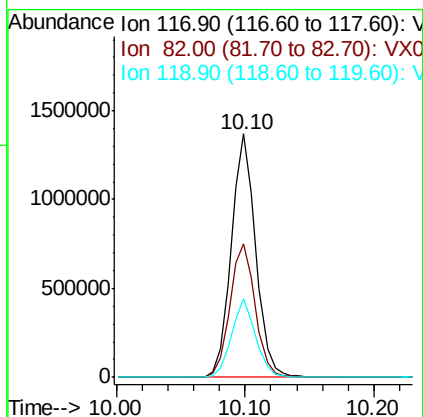
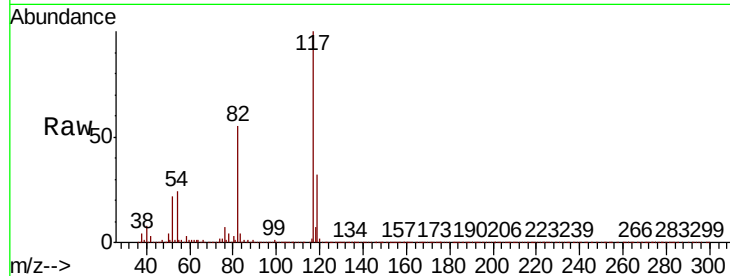




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015389.D
Acq: 27 Mar 2020 18:06

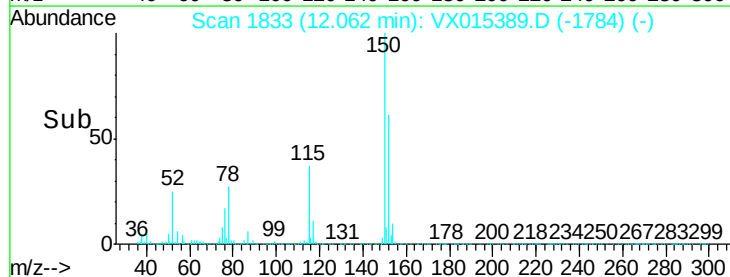
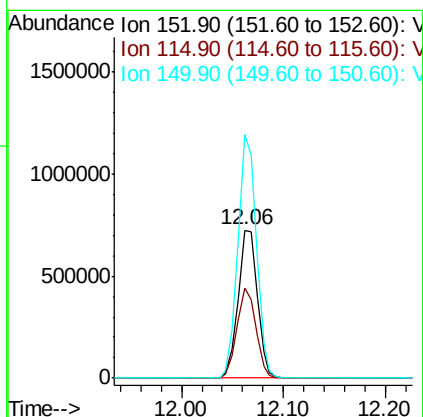
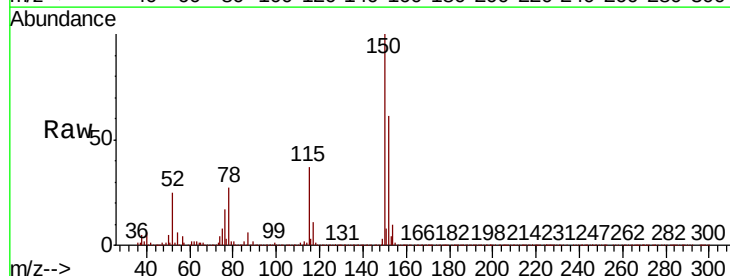
Instrument :
MSVOA_X
ClientSampleId :
RE123D1-20200317

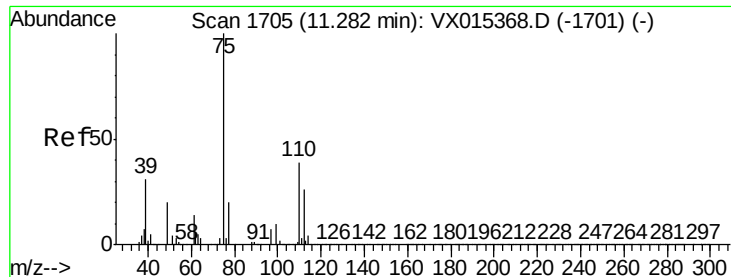
Tot Ion:117 Resp: 1812884
Ion Ratio Lower Upper
117 100
82 55.0 47.8 71.8
119 32.4 26.8 40.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VX015389.D
Acq: 27 Mar 2020 18:06

Tgt Ion:152 Resp: 936126
Ion Ratio Lower Upper
152 100
115 59.6 39.0 116.9
150 158.5 0.0 340.8





#76

1,2,3-Trichloropropane

Concen: 26.312 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.16 min

Lab File: VX015389.D

Acq: 27 Mar 2020 18:06

Instrument :

MSVOA_X

ClientSampleId :

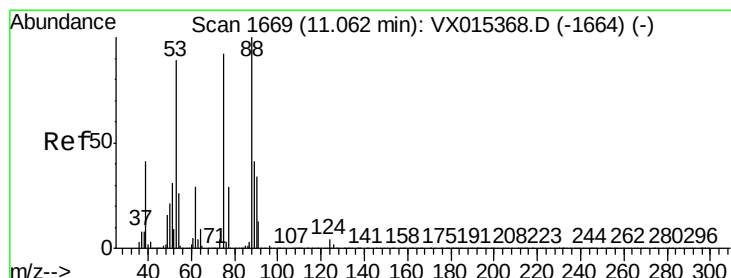
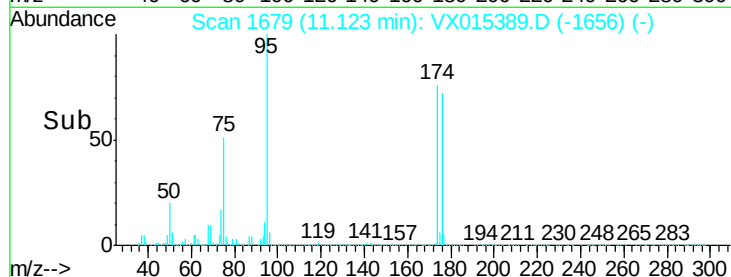
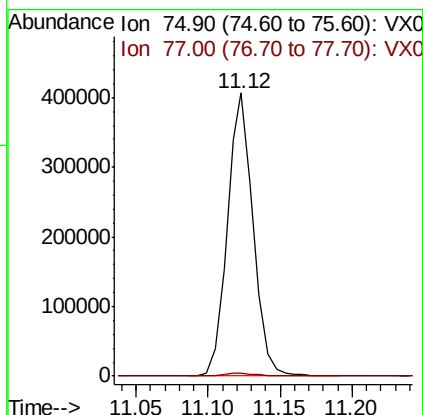
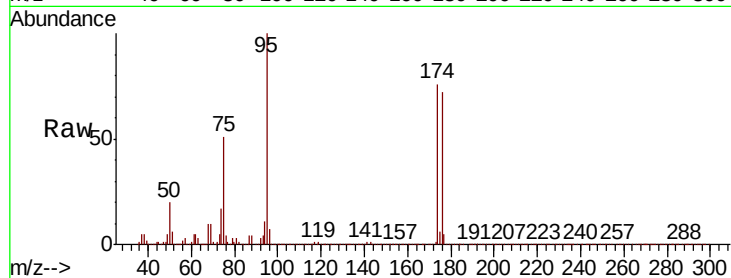
RE123D1-20200317

Tot Ion: 75 Resp: 506526

Ion Ratio Lower Upper

75 100

77 1.1 21.2 63.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 63.135 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.06 min

Lab File: VX015389.D

Acq: 27 Mar 2020 18:06

Tgt Ion: 75 Resp: 506526

Ion Ratio Lower Upper

75 100

53 0.2 80.1 120.1#

89 0.1 36.1 54.1#

