

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040820\
 Data File : VX015562.D
 Acq On : 08 Apr 2020 12:38
 Operator : JC/SP
 Sample : L2190-26
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-TB-200406

Quant Time: Apr 09 06:18:43 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	5.63	168	1094347	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1758999	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1724145	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	899023	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	730955	47.36	ug/l	0.00
Spiked Amount			Recovery	=	94.72%	
35) Dibromofluoromethane	5.47	113	563004	50.07	ug/l	0.00
Spiked Amount			Recovery	=	100.14%	
50) Toluene-d8	8.70	98	2123240	51.29	ug/l	0.00
Spiked Amount			Recovery	=	102.58%	
62) 4-Bromofluorobenzene	11.12	95	908307	53.99	ug/l	0.00
Spiked Amount			Recovery	=	107.98%	

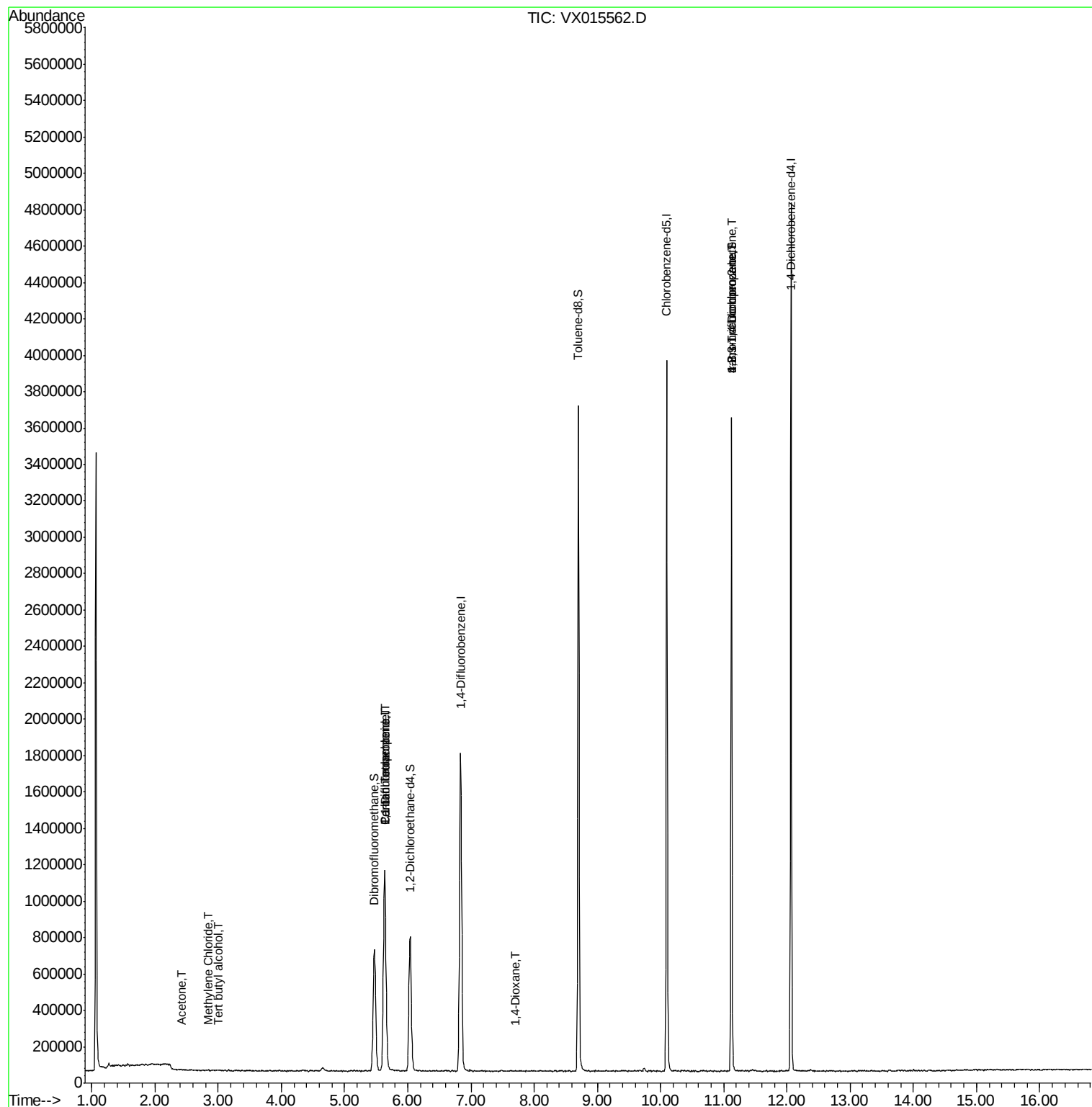
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.60	94	216	Below Cal	#	6
11) Tert butyl alcohol	3.00	59	4736	1.282	ug/l #	79
16) Acetone	2.42	43	2227	0.336	ug/l #	72
20) Methylene Chloride	2.84	84	3248	0.262	ug/l #	55
36) 1,1-Dichloropropene	5.64	75	84423	5.209	ug/l #	53
38) Carbon Tetrachloride	5.64	117	103292	5.884	ug/l #	13
49) 1,4-Dioxane	7.71	88	142	0.428	ug/l #	1
76) 1,2,3-Trichloropropane	11.12	75	470099	25.428	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.12	75	470099	61.013	ug/l #	10

(#) = 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: 5.63 min Scan# 778

Delta R.T. 0.00 min

Lab File: VX015562.D

Acq: 08 Apr 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

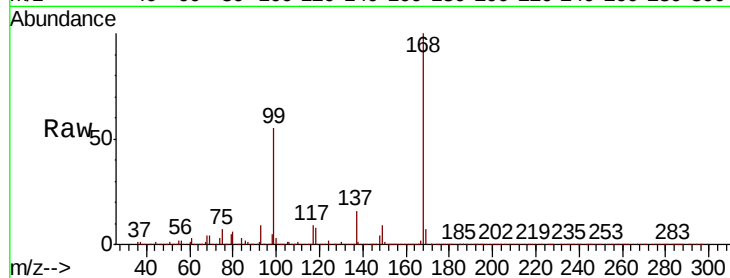
Z3-TB-200406

Tot Ion:168 Resp: 1094347

Ion Ratio Lower Upper

168 100

99 54.6 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

400000

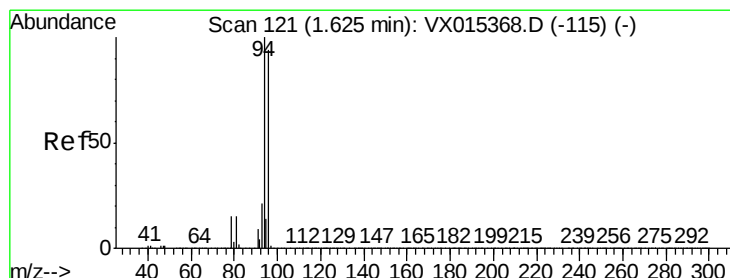
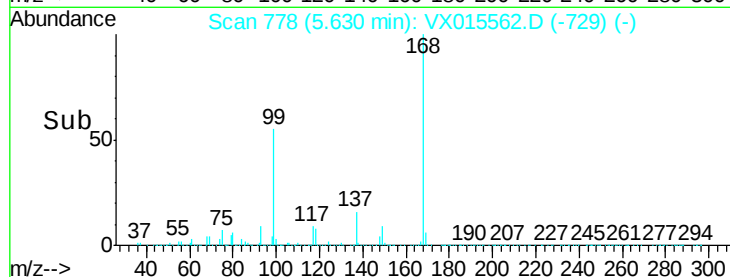
300000

200000

100000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 1.60 min Scan# 117

Delta R.T. -0.02 min

Lab File: VX015562.D

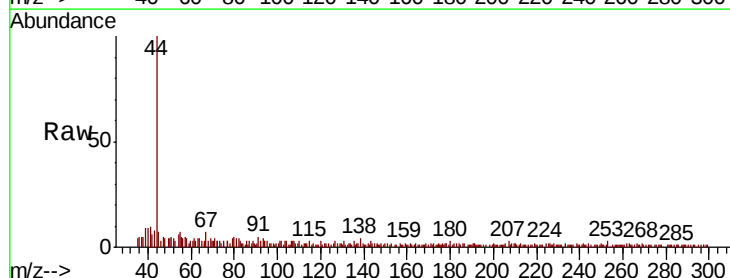
Acq: 08 Apr 2020 12:38

Tgt Ion: 94 Resp: 216

Ion Ratio Lower Upper

94 100

96 2.7 74.8 112.2#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.60

800

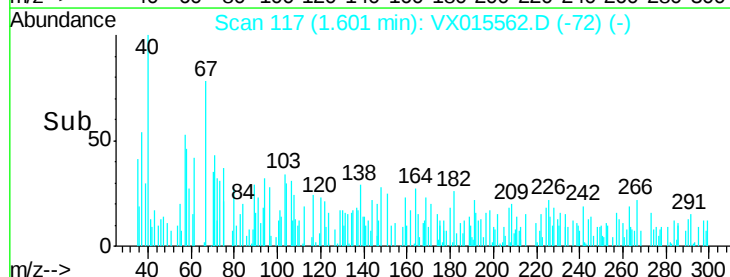
600

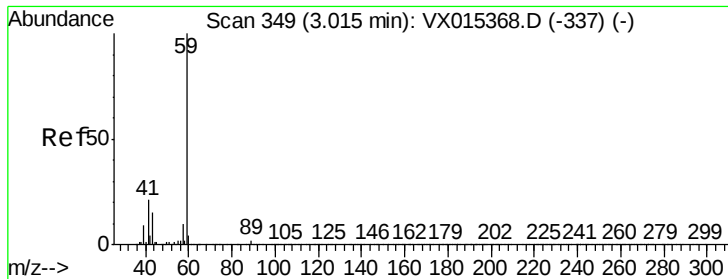
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200

0

Time-->



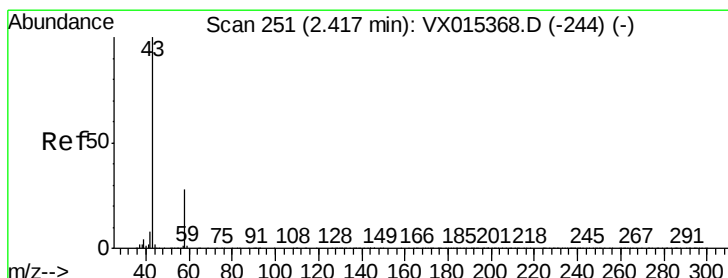
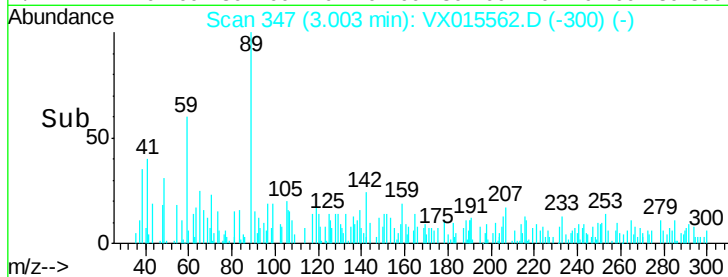
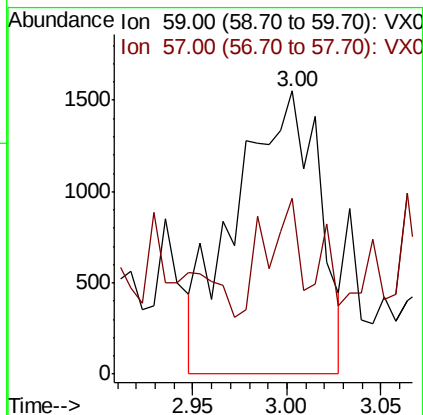
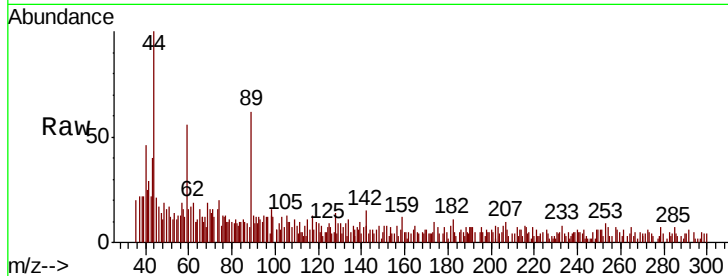


#11

Tert butvl alcohol
 Concen: 1.282 ug/l
 RT: 3.00 min Scan# 347
 Delta R.T. -0.01 min
 Lab File: VX015562.D
 Acq: 08 Apr 2020 12:38

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-TB-200406

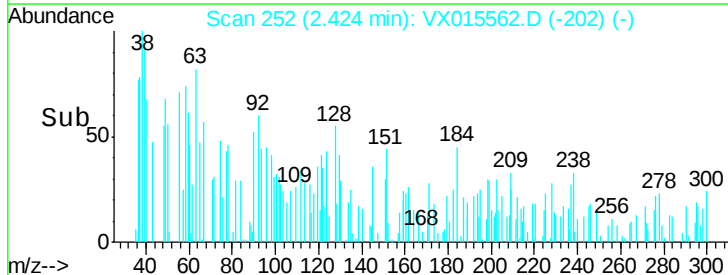
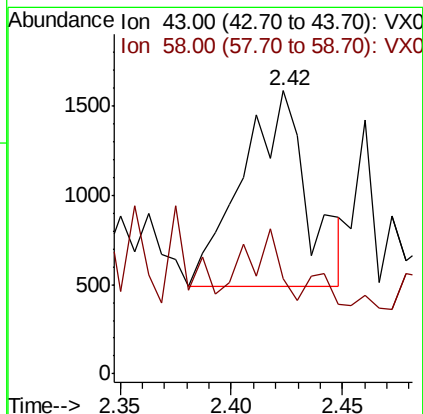
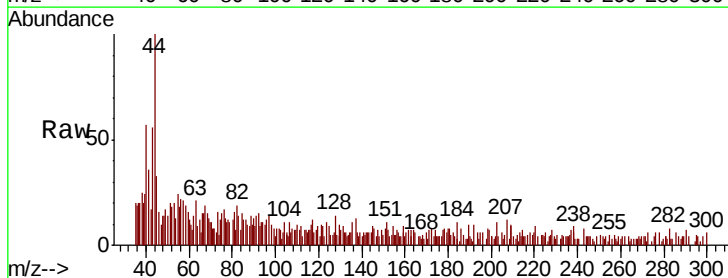
Tot Ion: 59 Resp: 4736
 Ion Ratio Lower Upper
 59 100
 57 17.9 8.1 12.1#

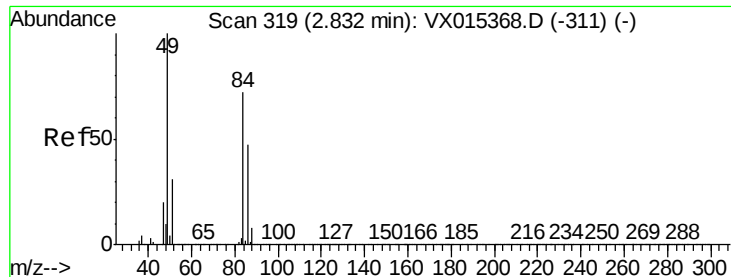


#16

Acetone
 Concen: 0.336 ug/l
 RT: 2.42 min Scan# 252
 Delta R.T. 0.01 min
 Lab File: VX015562.D
 Acq: 08 Apr 2020 12:38

Tgt Ion: 43 Resp: 2227
 Ion Ratio Lower Upper
 43 100
 58 13.2 22.1 33.1#

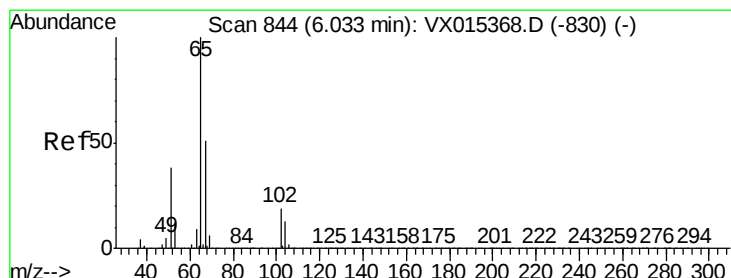
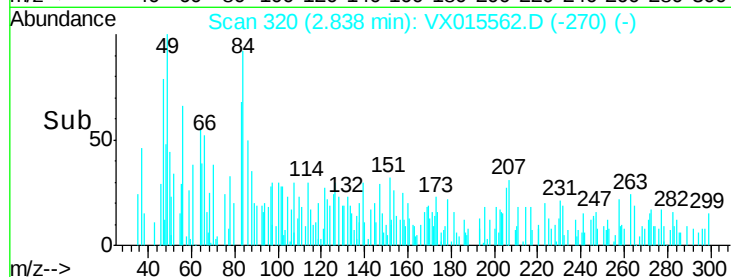
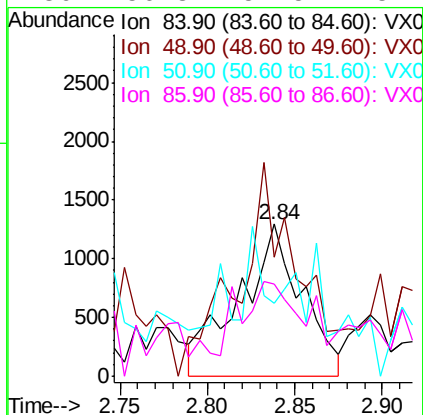
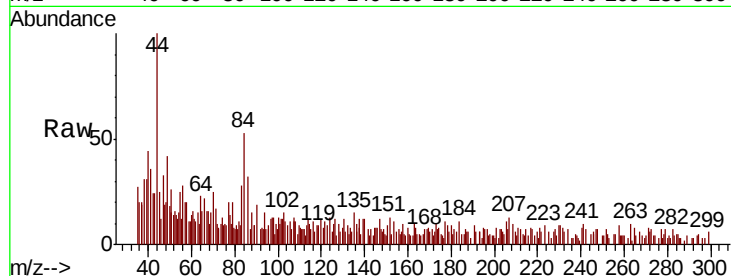




#20
Methvlene Chloride
Concen: 0.262 ug/l
RT: 2.84 min Scan# 320
Delta R.T. 0.01 min
Lab File: VX015562.D
Acq: 08 Apr 2020 12:38

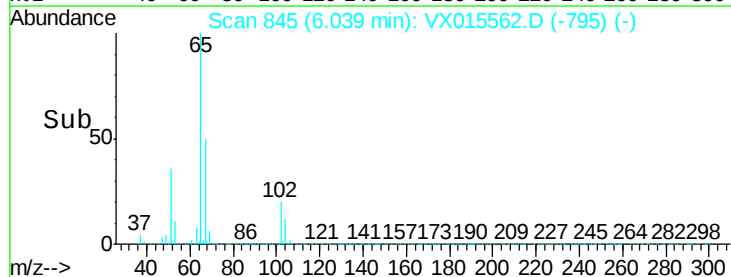
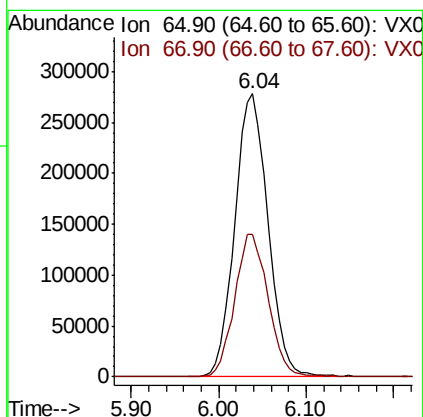
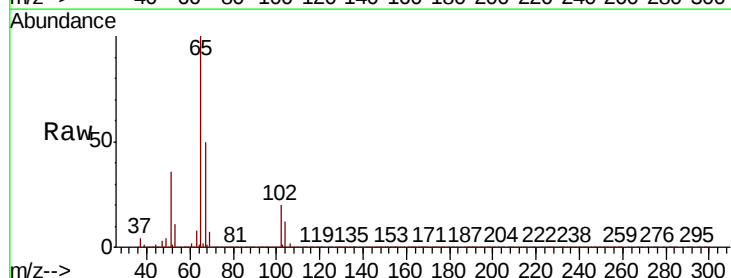
Instrument :
MSVOA_X
ClientSampleId :
Z3-TB-200406

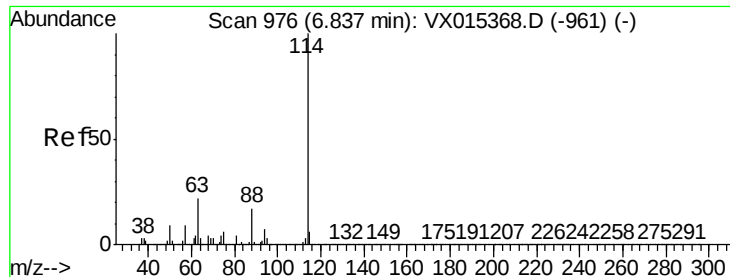
Tot Ion: 84 Resp: 3248
Ion Ratio Lower Upper
84 100
49 61.0 111.3 166.9#
51 21.2 34.0 51.0#
86 56.3 52.5 78.7



#33
1,2-Dichloroethane-d4
Concen: 47.358 ug/l
RT: 6.04 min Scan# 845
Delta R.T. 0.01 min
Lab File: VX015562.D
Acq: 08 Apr 2020 12:38

Tgt Ion: 65 Resp: 730955
Ion Ratio Lower Upper
65 100
67 50.5 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: VX015562.D

Acq: 08 Apr 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

Z3-TB-200406

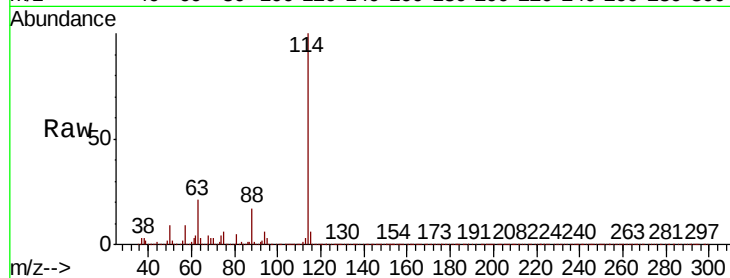
Tot Ion:114 Resp: 1758999

Ion Ratio Lower Upper

114 100

63 21.4 0.0 44.2

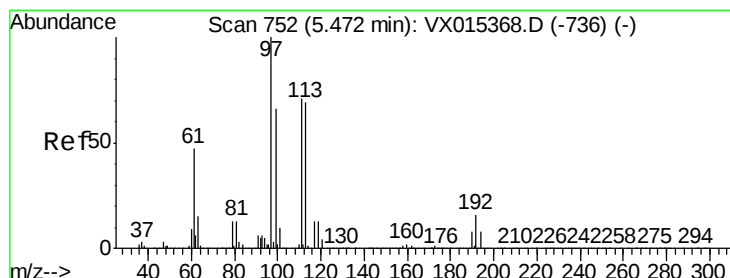
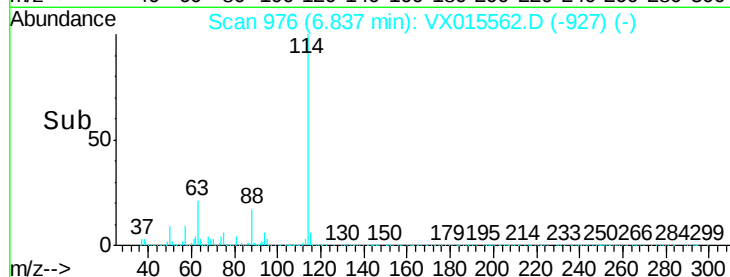
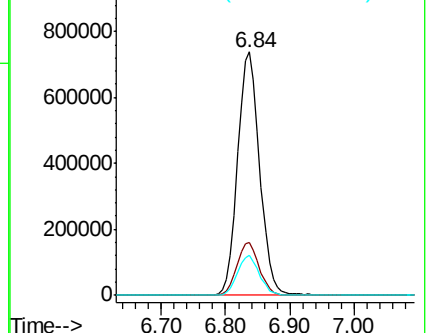
88 16.5 0.0 33.8



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: 50.071 ug/l

RT: 5.47 min Scan# 752

Delta R.T. 0.00 min

Lab File: VX015562.D

Acq: 08 Apr 2020 12:38

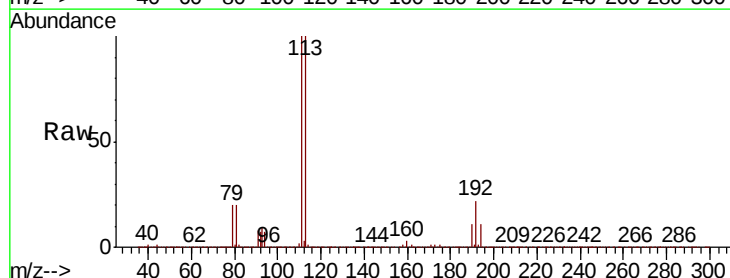
Tgt Ion:113 Resp: 563004

Ion Ratio Lower Upper

113 100

111 100.7 81.5 122.3

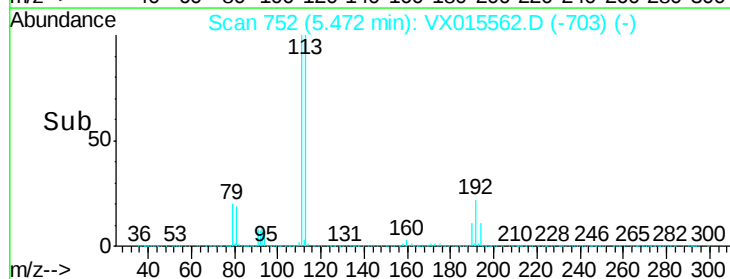
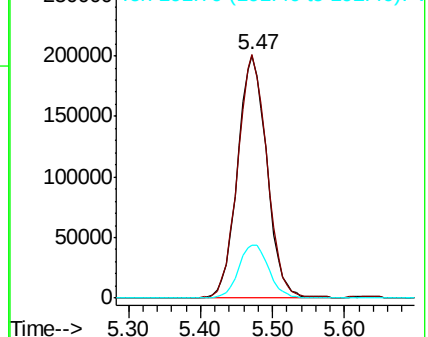
192 22.6 17.8 26.6

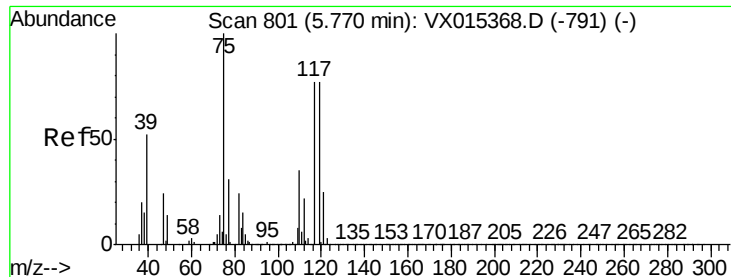


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.209 ug/l

RT: 5.64 min Scan# 779

Delta R.T. -0.13 min

Lab File: VX015562.D

Acq: 08 Apr 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

Z3-TB-200406

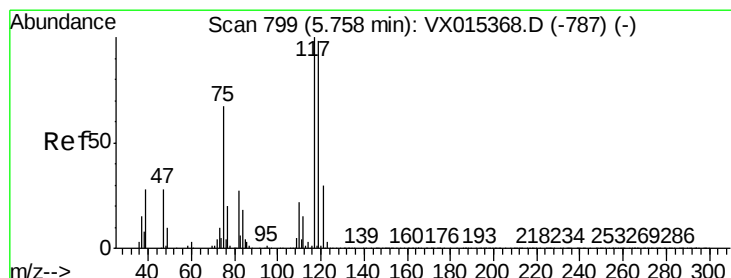
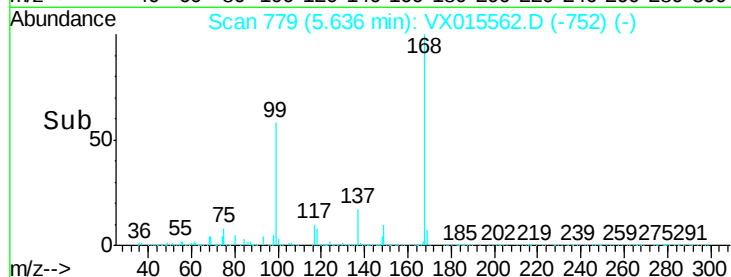
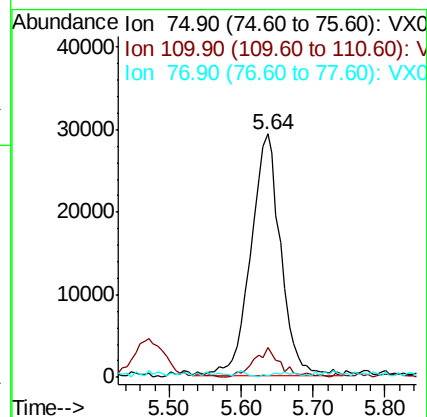
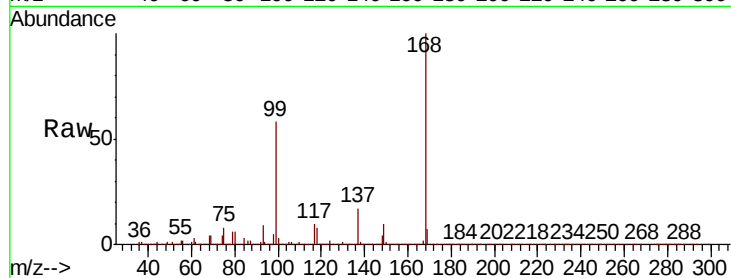
Tot Ion: 75 Resp: 84423

Ion Ratio Lower Upper

75 100

110 10.7 17.1 51.3#

77 0.8 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 5.884 ug/l

RT: 5.64 min Scan# 779

Delta R.T. -0.12 min

Lab File: VX015562.D

Acq: 08 Apr 2020 12:38

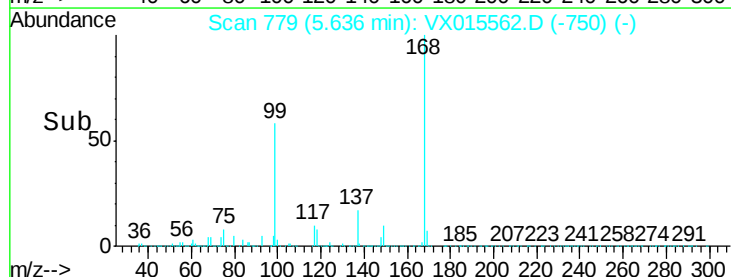
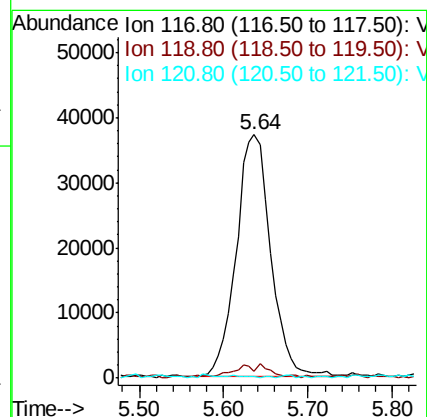
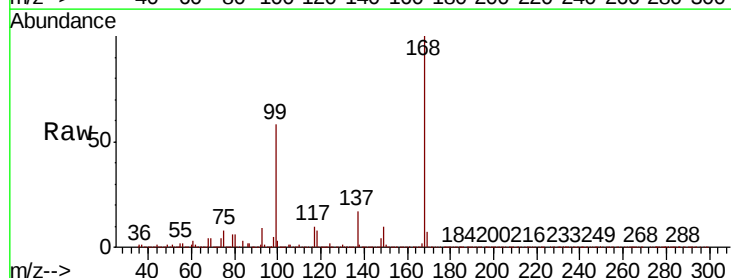
Tgt Ion: 117 Resp: 103292

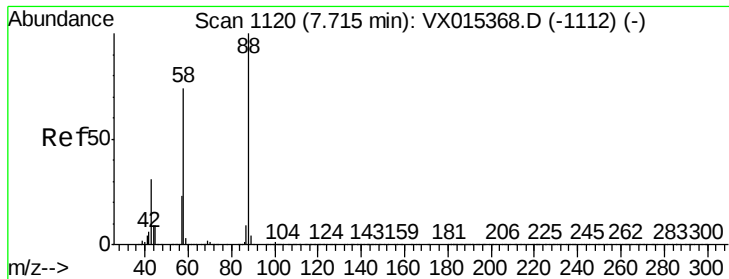
Ion Ratio Lower Upper

117 100

119 2.3 78.0 117.0#

121 0.7 23.8 35.8#





#49

1,4-Dioxane

Concen: 0.428 ug/l

RT: 7.71 min Scan# 1119

Delta R.T. -0.01 min

Lab File: VX015562.D

Acq: 08 Apr 2020 12:38

Instrument :

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ClientSampleId :

Z3-TB-200406

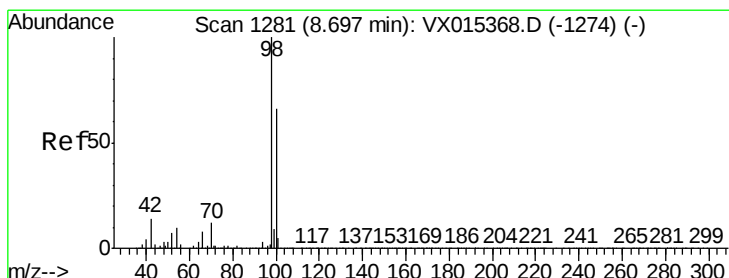
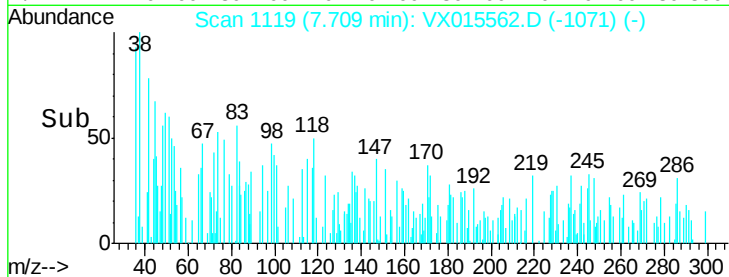
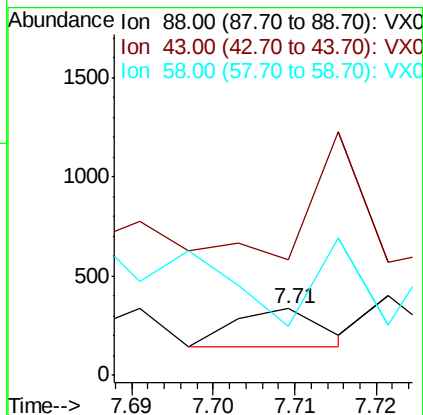
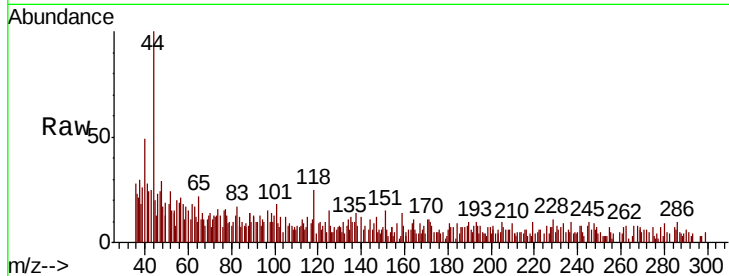
Tot Ion: 88 Resp: 142

Ion Ratio Lower Upper

88 100

43 337.3 30.1 45.1#

58 116.2 60.6 90.8#



#50

Toluene-d8

Concen: 51.289 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015562.D

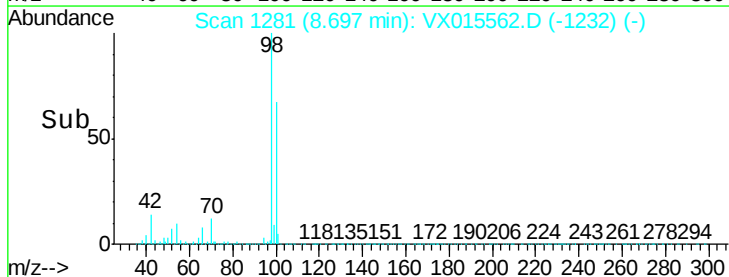
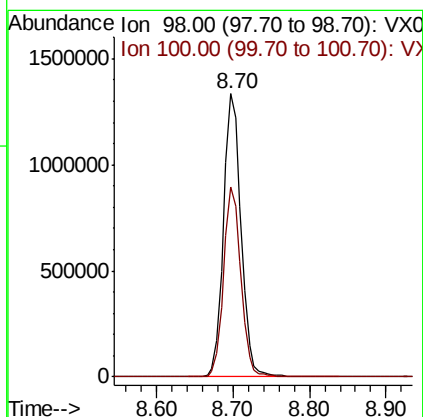
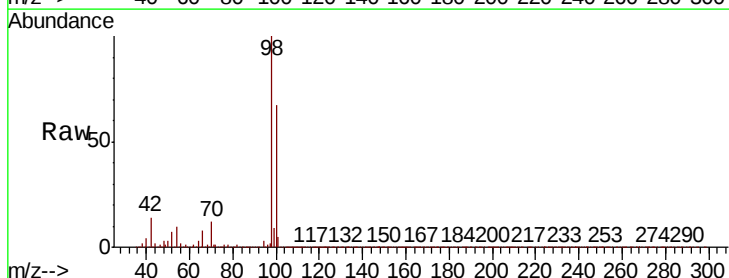
Acq: 08 Apr 2020 12:38

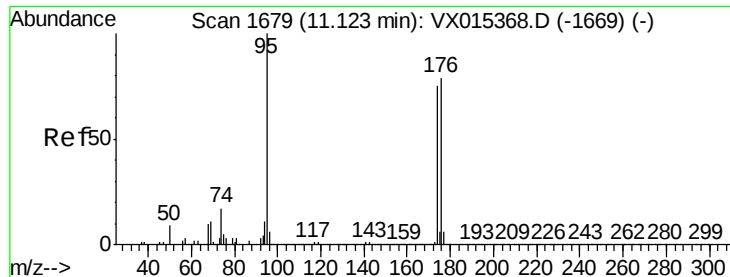
Tgt Ion: 98 Resp: 2123240

Ion Ratio Lower Upper

98 100

100 66.1 53.5 80.3





#62

4-Bromofluorobenzene

Concen: 53.989 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015562.D

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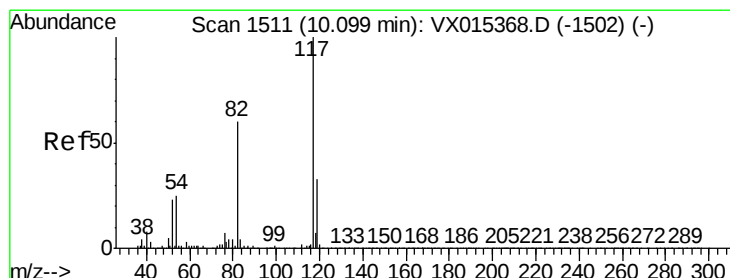
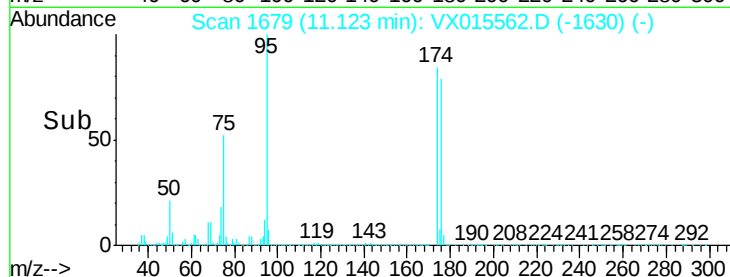
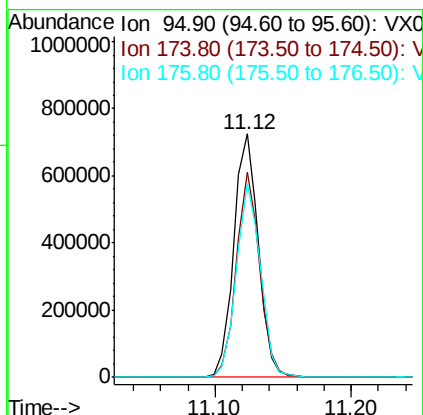
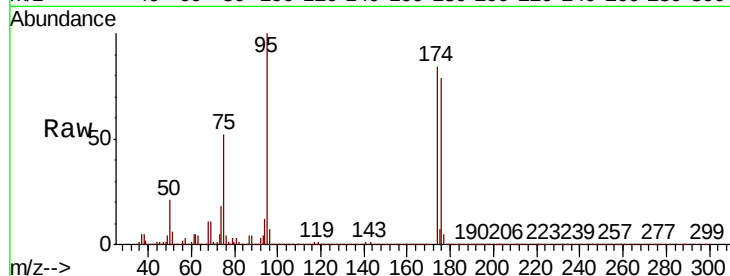
Tot Ion: 95 Resp: 908307

Ion Ratio Lower Upper

95 100

174 80.3 0.0 158.6

176 78.6 0.0 159.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1511

Delta R.T. 0.00 min

Lab File: VX015562.D

Acq: 08 Apr 2020 12:38

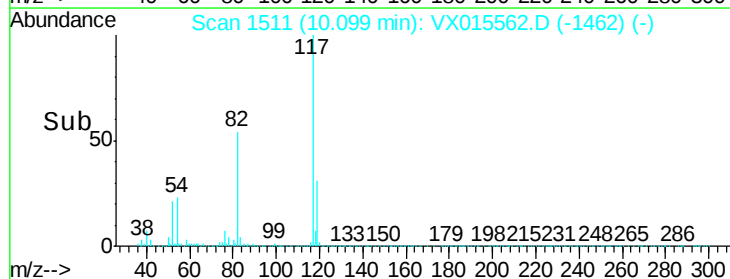
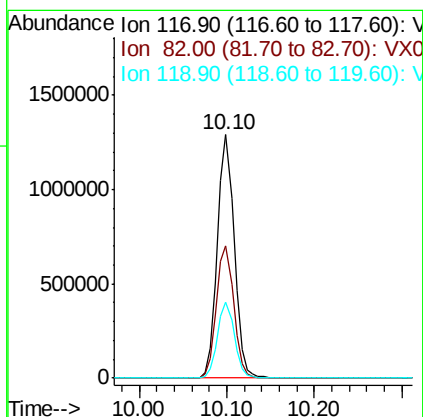
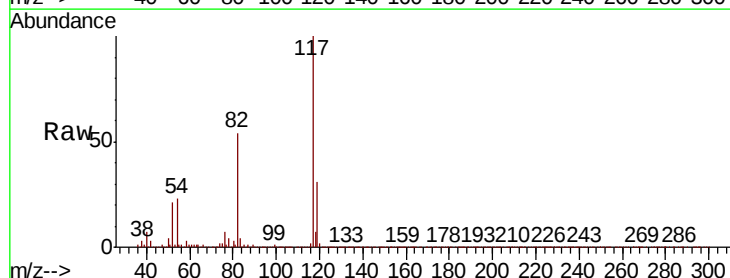
Tgt Ion: 117 Resp: 1724145

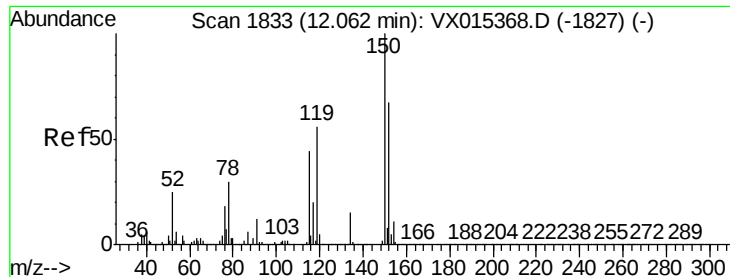
Ion Ratio Lower Upper

117 100

82 54.2 47.8 71.8

119 31.2 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: VX015562.D

Acq: 08 Apr 2020 12:38

Instrument :

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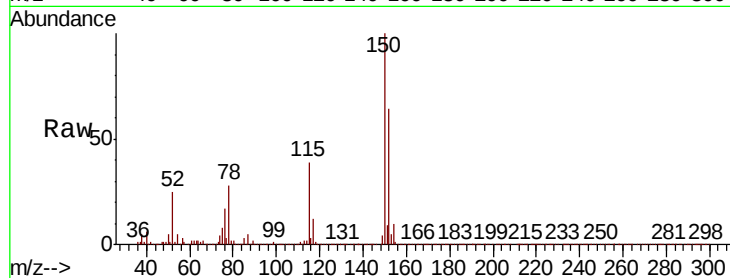
Tot Ion:152 Resp: 899023

Ion Ratio Lower Upper

152 100

115 60.2 39.0 116.9

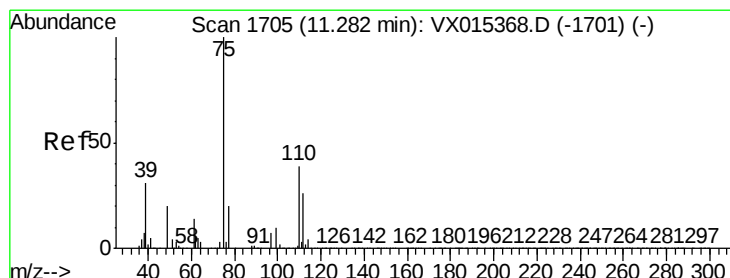
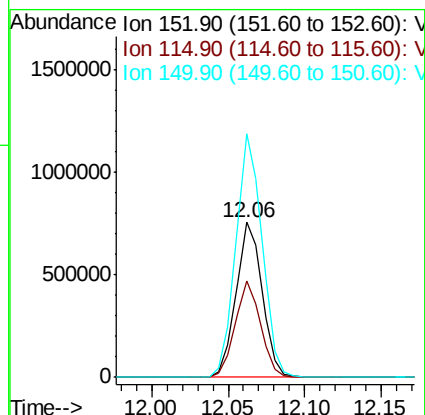
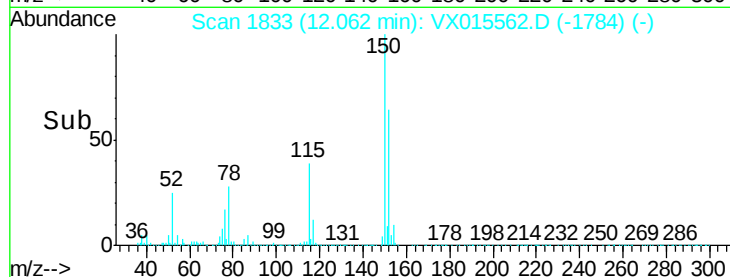
150 157.2 0.0 340.8



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: 25.428 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.16 min

Lab File: VX015562.D

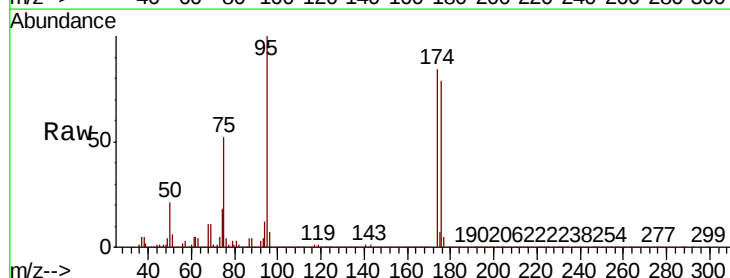
Acq: 08 Apr 2020 12:38

Tgt Ion: 75 Resp: 470099

Ion Ratio Lower Upper

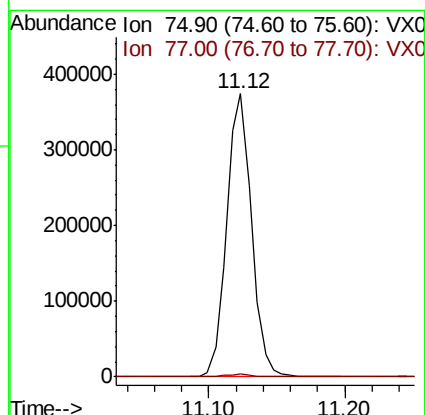
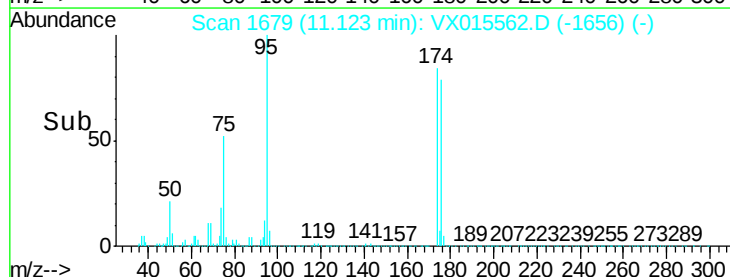
75 100

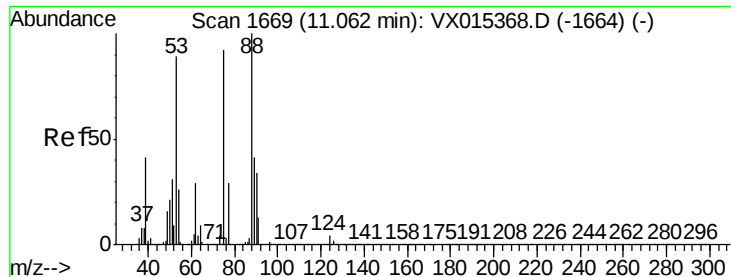
77 0.9 21.2 63.6#



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: 61.013 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.06 min

Lab File: VX015562.D

Acq: 08 Apr 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

Z3-TB-200406

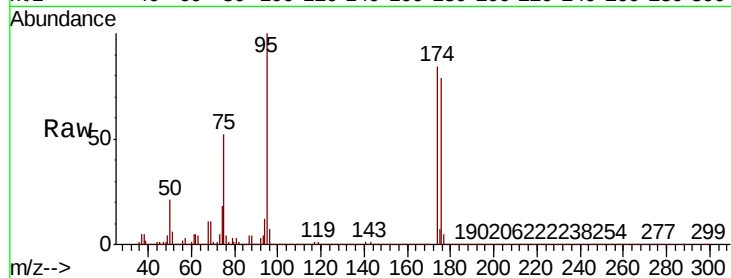
Tot Ion: 75 Resp: 470099

Ion Ratio Lower Upper

75 100

53 0.2 80.1 120.1#

89 0.0 36.1 54.1#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

