

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032720\
 Data File : VX015395.D
 Acq On : 27 Mar 2020 20:23
 Operator : JC/SP
 Sample : L1997-06 100X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20200316

Quant Time: Mar 30 01:47:09 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	1120485	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1812144	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1746918	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	918594	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	745113	47.15	ug/l	0.00
Spiked Amount			Recovery	=	94.30%	
35) Dibromofluoromethane	5.47	113	572556	49.43	ug/l	0.00
Spiked Amount			Recovery	=	98.86%	
50) Toluene-d8	8.70	98	2219679	52.05	ug/l	0.00
Spiked Amount			Recovery	=	104.10%	
62) 4-Bromofluorobenzene	11.12	95	955281	55.12	ug/l	0.00
Spiked Amount			Recovery	=	110.24%	

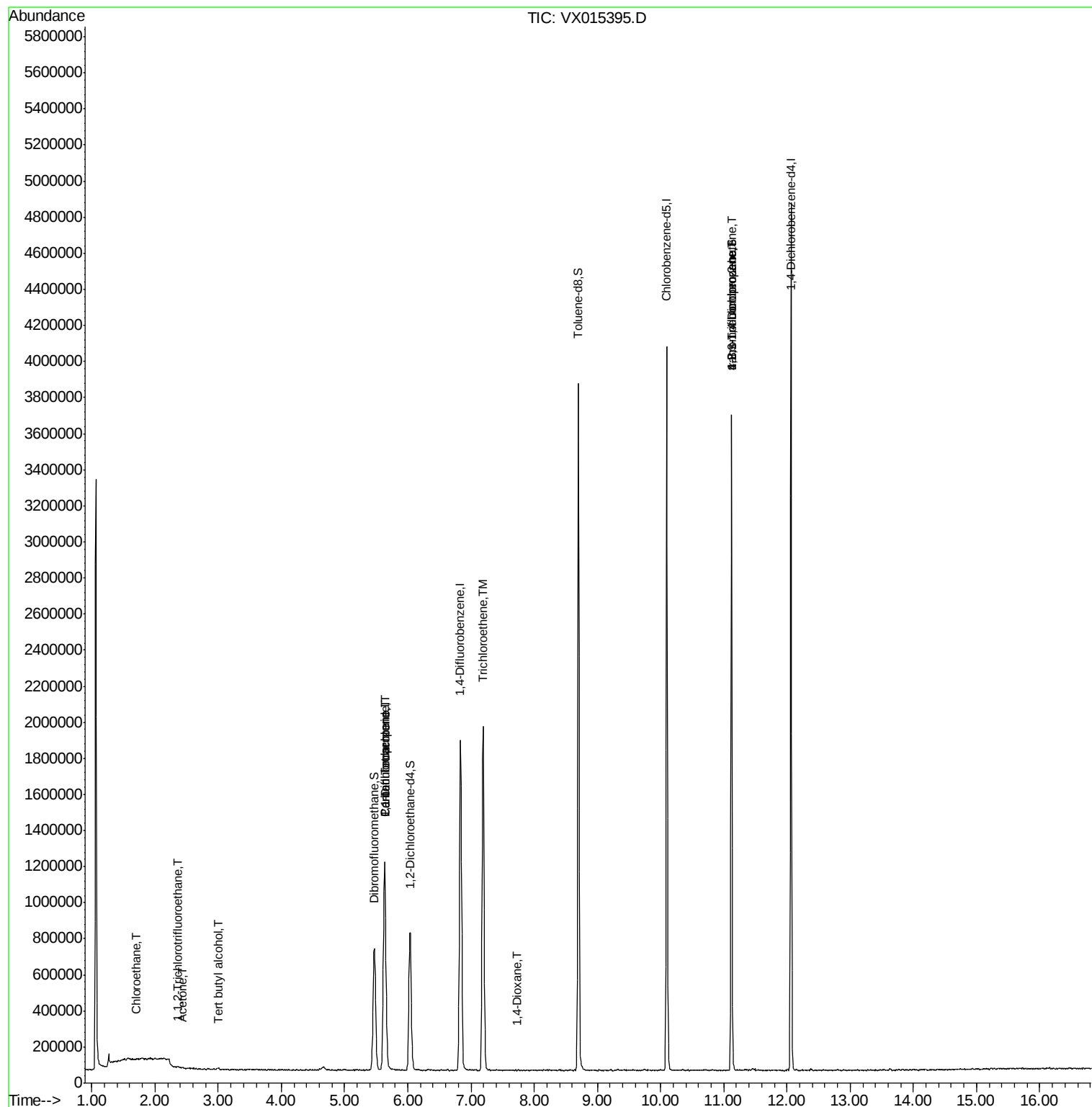
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.63	94	533	Below Cal	#	3
6) Chloroethane	1.71	64	2004	0.280	ug/l #	78
9) 1,1,2-Trichlorotrifluoroet	2.37	101	2734	0.271	ug/l	99
11) Tert butyl alcohol	3.00	59	5585	1.477	ug/l #	91
16) Acetone	2.43	43	2928	0.431	ug/l #	67
36) 1,1-Dichloropropene	5.64	75	85693	5.132	ug/l #	53
38) Carbon Tetrachloride	5.64	117	108043	5.974	ug/l #	14
44) Trichloroethene	7.19	130	723749	54.258	ug/l	98
49) 1,4-Dioxane	7.73	88	393	1.149	ug/l #	1
76) 1,2,3-Trichloropropane	11.12	75	496497	26.283	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.12	75	496497	63.066	ug/l #	10

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

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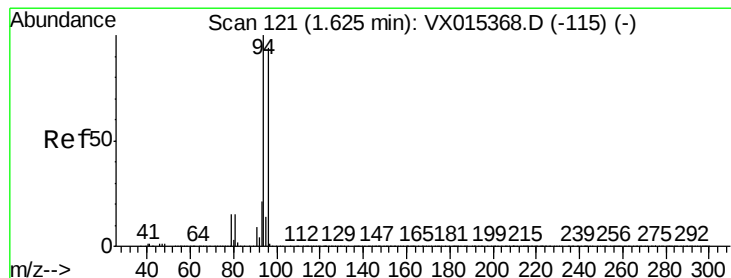
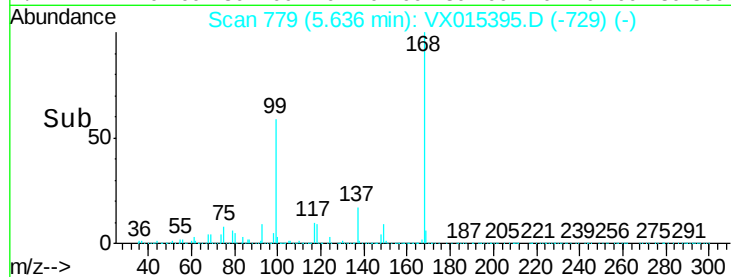
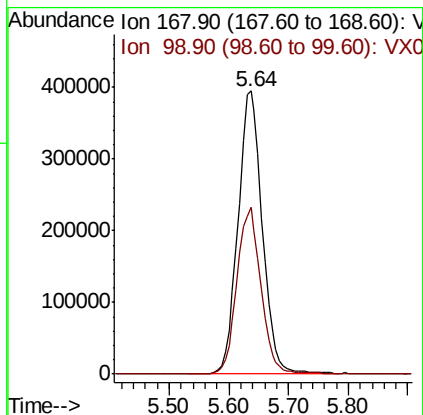
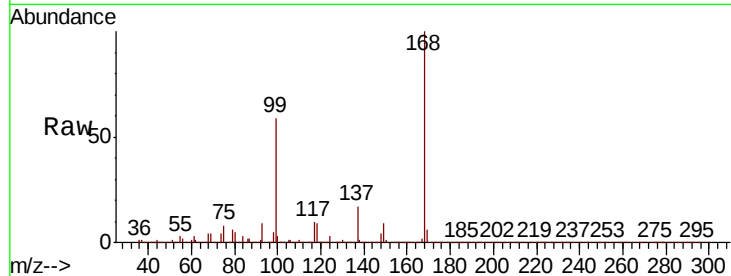


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.64 min Scan# 779
 Delta R.T. 0.01 min
 Lab File: VX015395.D
 Acq: 27 Mar 2020 20:23

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20200316

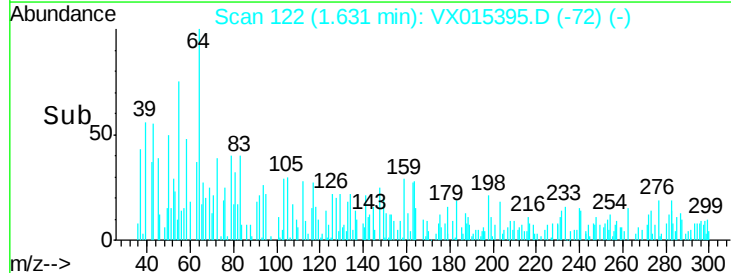
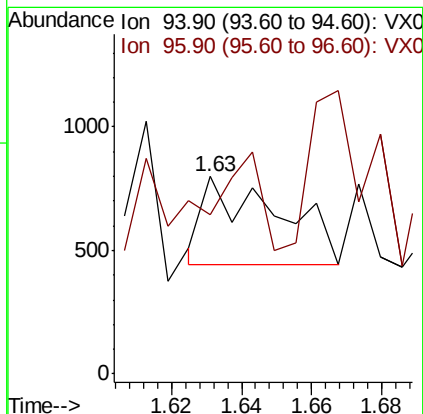
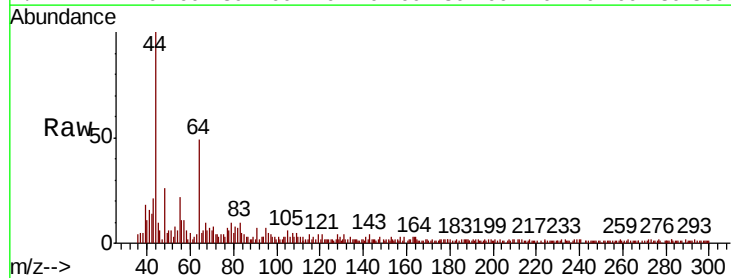
Tot Ion:168 Resp: 1120485
 Ion Ratio Lower Upper
 168 100
 99 58.8 46.4 69.6

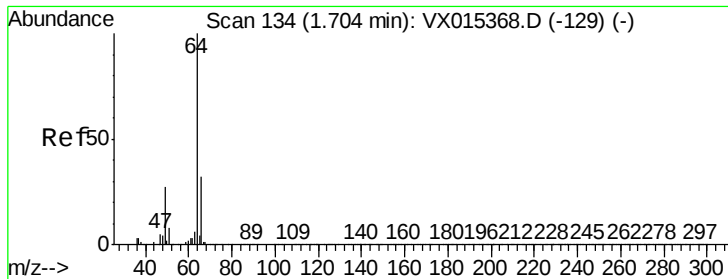


#5

Bromomethane
 Concen: Below Cal
 RT: 1.63 min Scan# 122
 Delta R.T. 0.01 min
 Lab File: VX015395.D
 Acq: 27 Mar 2020 20:23

Tgt Ion: 94 Resp: 533
 Ion Ratio Lower Upper
 94 100
 96 0.0 74.8 112.2#





#6

Chloroethane

Concen: 0.280 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX015395.D

Acq: 27 Mar 2020 20:23

Instrument :

MSVOA_X

ClientSampleId :

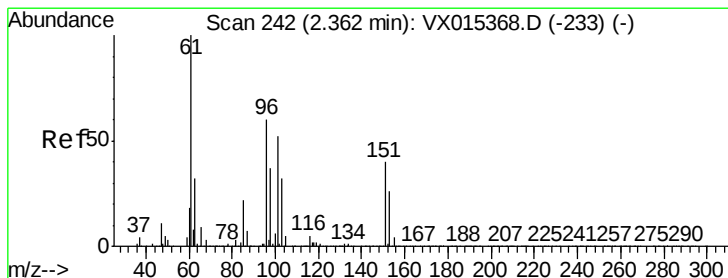
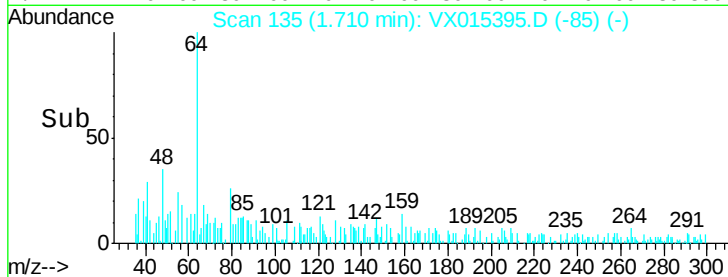
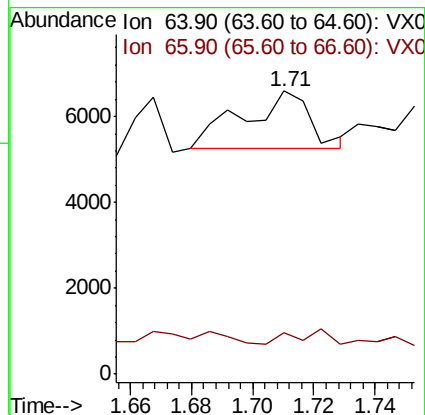
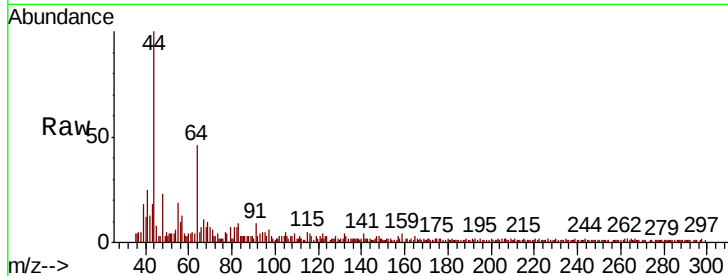
RE122D2-20200316

Tot Ion: 64 Resp: 2004

Ion Ratio Lower Upper

64 100

66 19.7 25.4 38.2#



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.271 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX015395.D

Acq: 27 Mar 2020 20:23

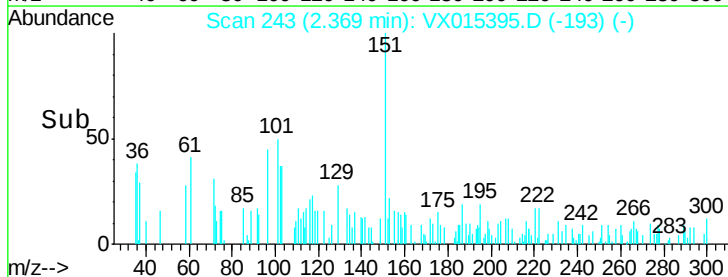
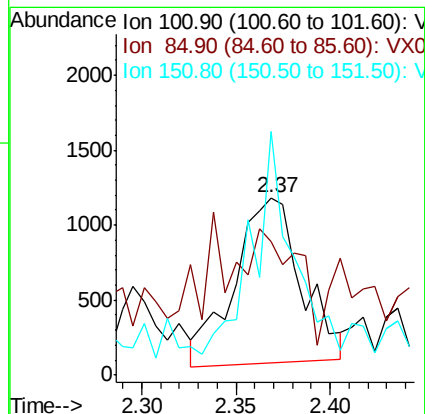
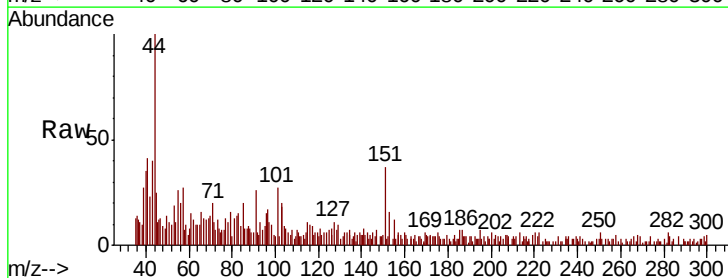
Tgt Ion: 101 Resp: 2734

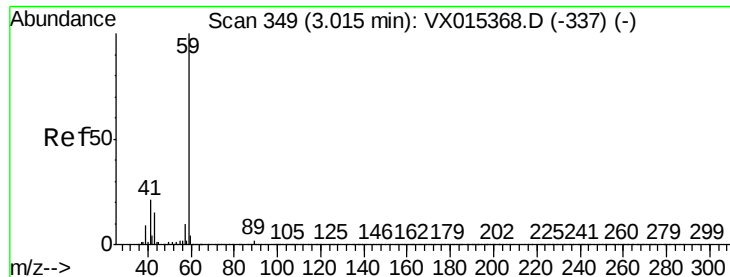
Ion Ratio Lower Upper

101 100

85 43.1 35.0 52.4

151 78.7 64.1 96.1

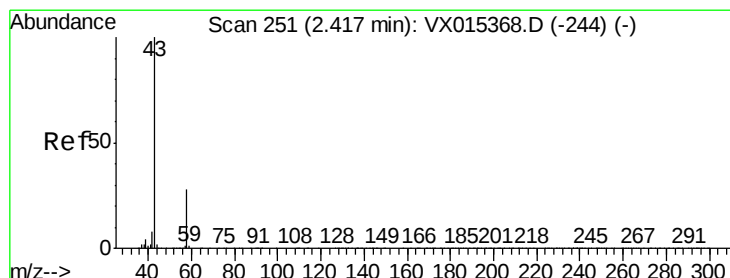
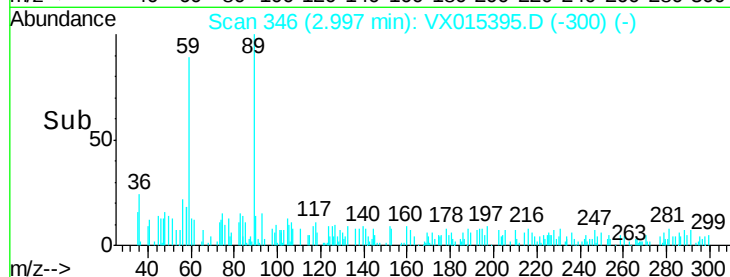
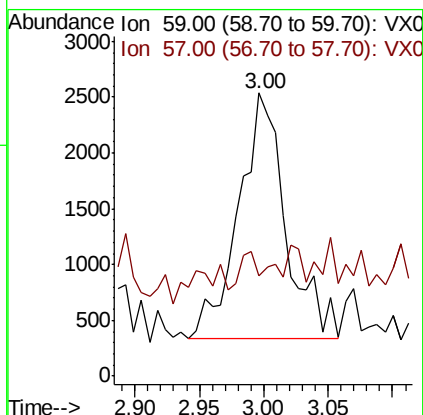
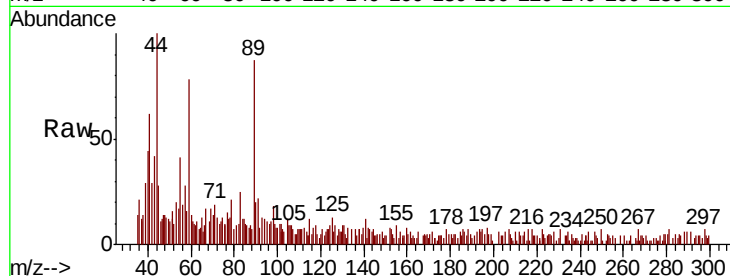




#11
Tert butyl alcohol
Concen: 1.477 ug/l
RT: 3.00 min Scan# 346
Delta R.T. -0.02 min
Lab File: VX015395.D
Acq: 27 Mar 2020 20:23

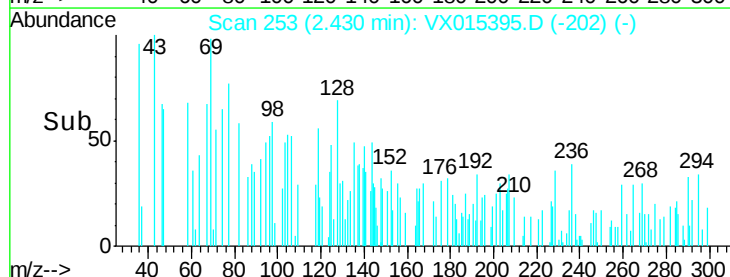
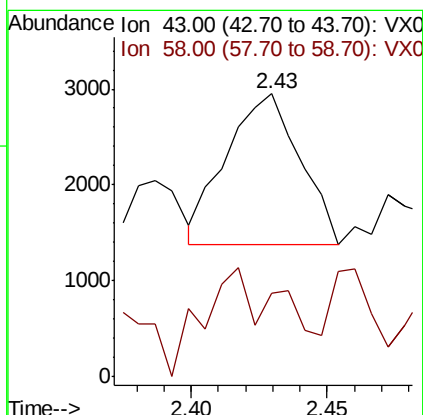
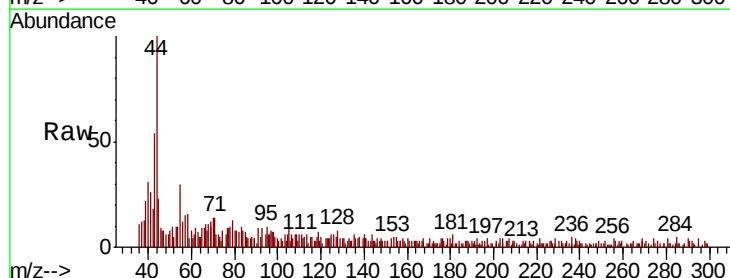
Instrument :
MSVOA_X
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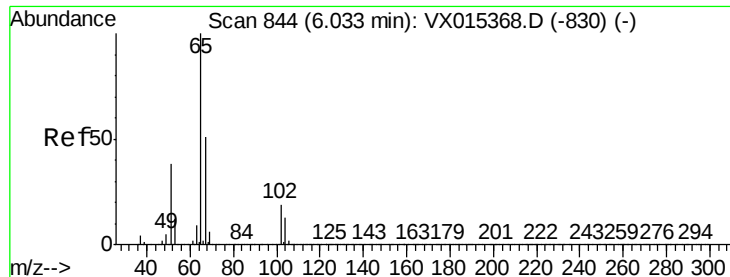
Tot Ion: 59 Resp: 5585
Ion Ratio Lower Upper
59 100
57 6.9 8.1 12.1#



#16
Acetone
Concen: 0.431 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.01 min
Lab File: VX015395.D
Acq: 27 Mar 2020 20:23

Tgt Ion: 43 Resp: 2928
Ion Ratio Lower Upper
43 100
58 10.6 22.1 33.1#

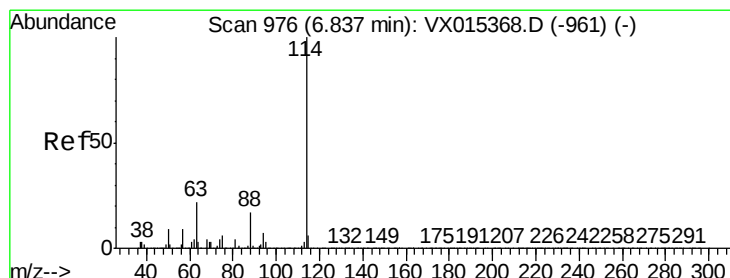
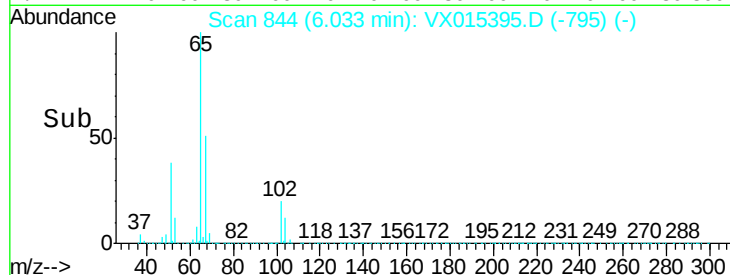
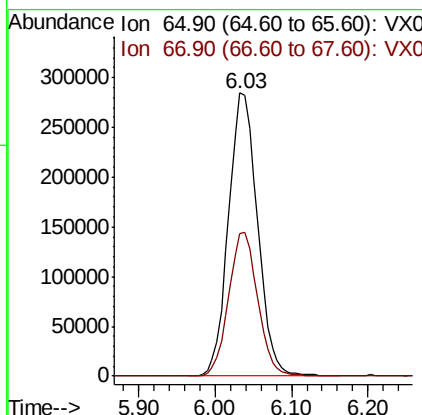
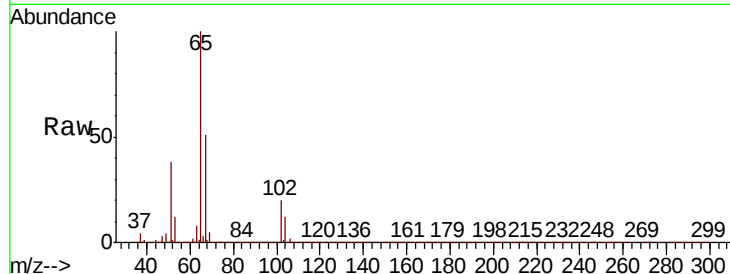




#33
 1,2-Dichloroethane-d4
 Concen: 47.149 ug/l
 RT: 6.03 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: VX015395.D
 Acq: 27 Mar 2020 20:23

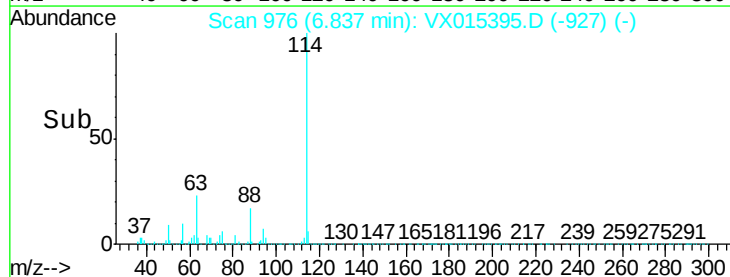
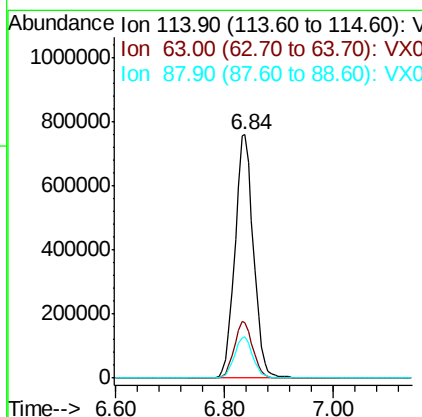
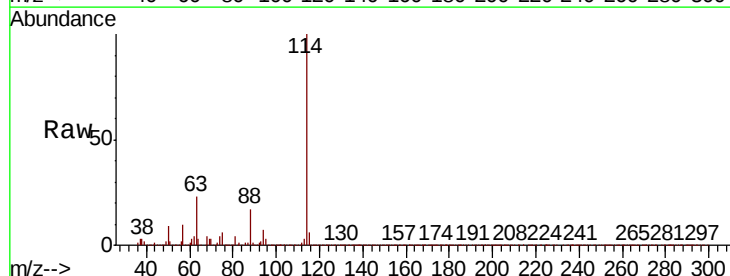
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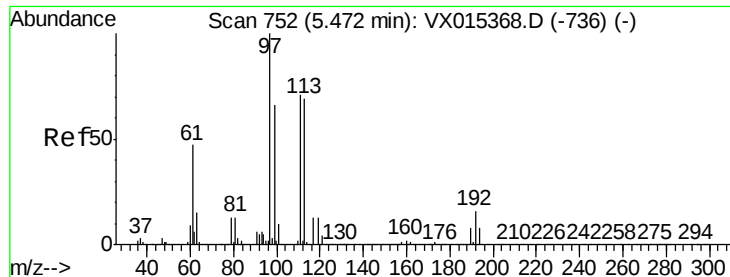
Tot Ion: 65 Resp: 745113
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: VX015395.D
 Acq: 27 Mar 2020 20:23

Tgt Ion: 114 Resp: 1812144
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 44.2
 88 17.0 0.0 33.8

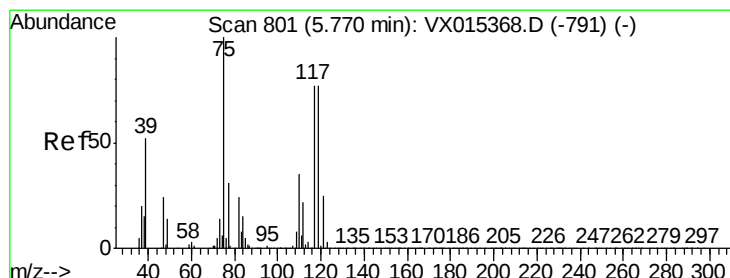
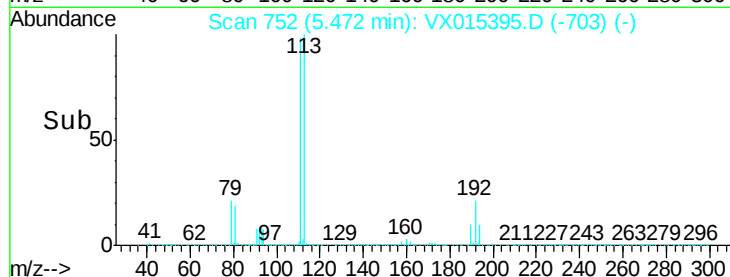
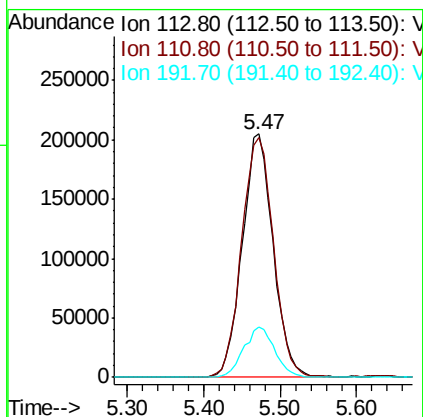
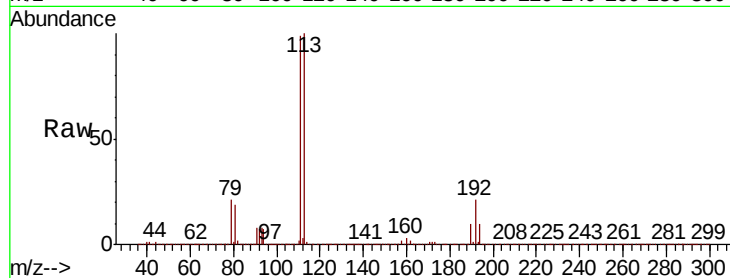




#35
 Dibromofluoromethane
 Concen: 49.428 ug/l
 RT: 5.47 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: VX015395.D
 Acq: 27 Mar 2020 20:23

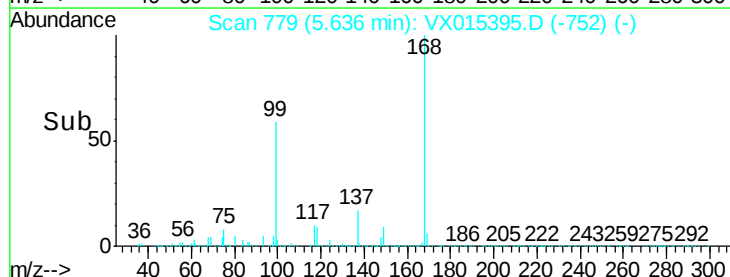
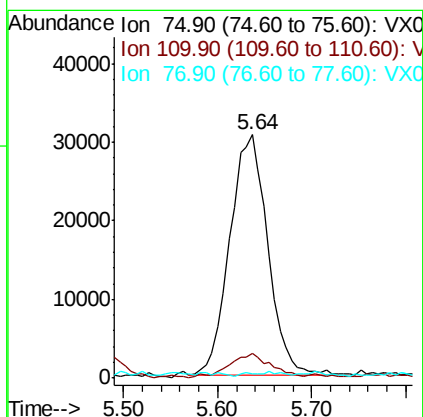
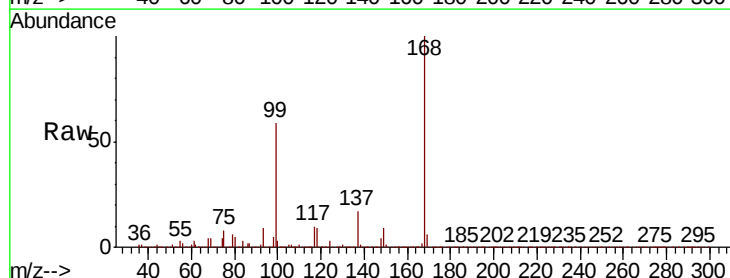
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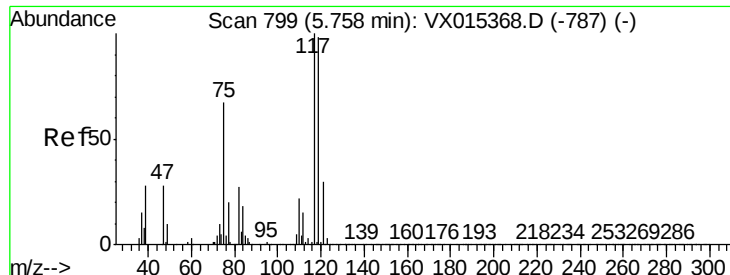
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.5	122.3
192	20.8	17.8	26.6



#36
 1,1-Dichloropropene
 Concen: 5.132 ug/l
 RT: 5.64 min Scan# 779
 Delta R.T. -0.13 min
 Lab File: VX015395.D
 Acq: 27 Mar 2020 20:23

Tgt Ion	Ratio	Lower	Upper
75	100		
110	11.5	17.1	51.3#
77	0.5	24.6	36.8#

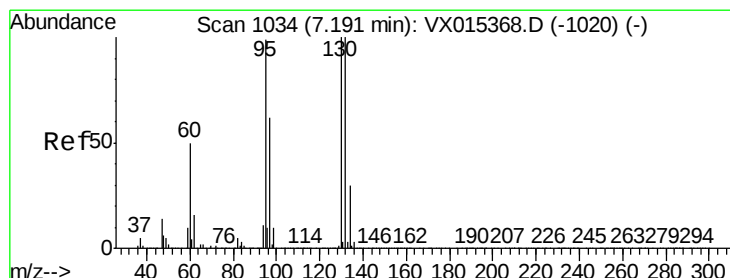
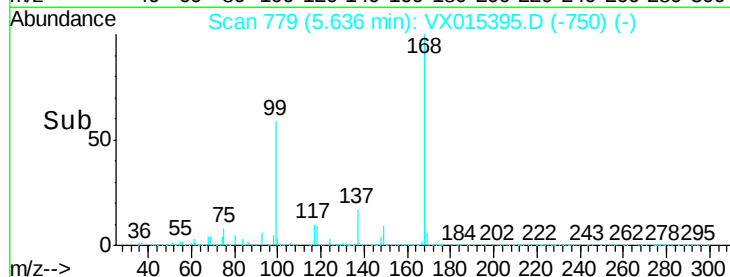
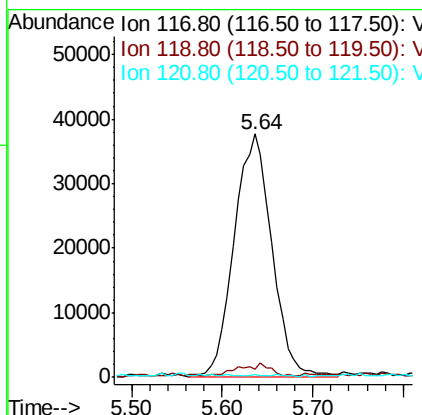
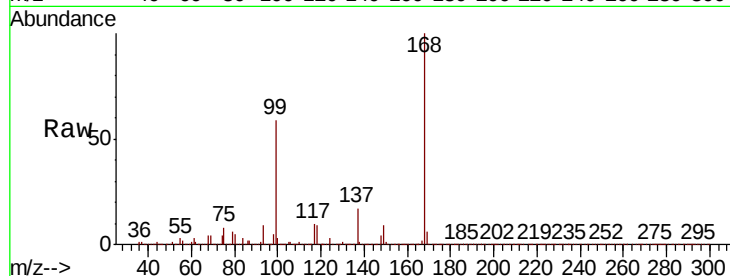




#38
Carbon Tetrachloride
Concen: 5.974 ug/l
RT: 5.64 min Scan# 779
Delta R.T. -0.12 min
Lab File: VX015395.D
Acq: 27 Mar 2020 20:23

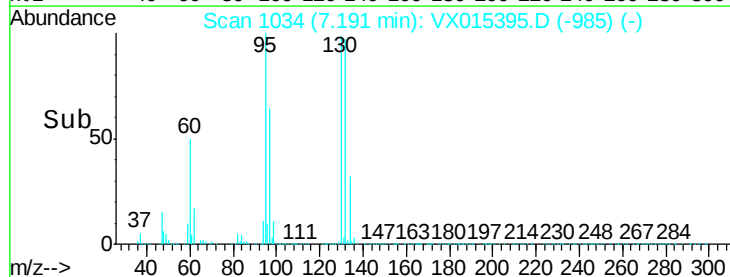
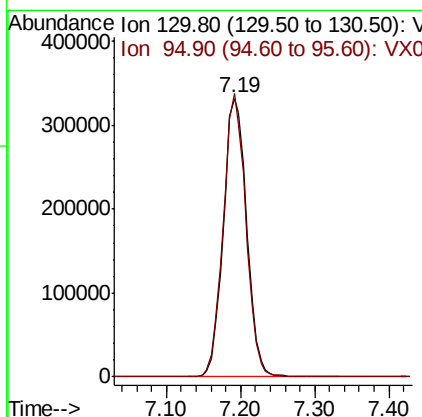
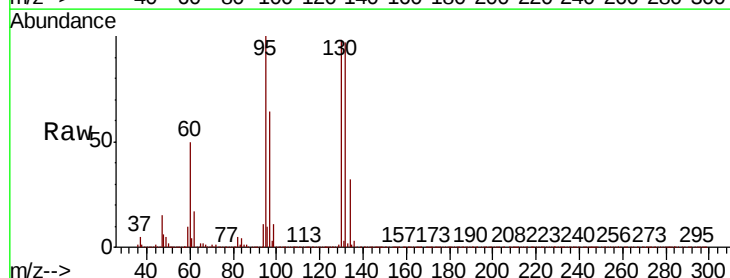
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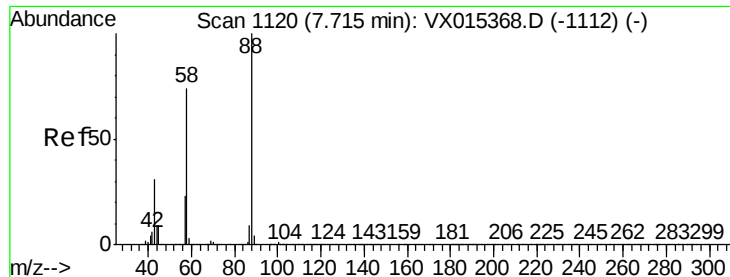
Tot Ion:117 Resp: 108043
Ion Ratio Lower Upper
117 100
119 2.4 78.0 117.0#
121 0.8 23.8 35.8#



#44
Trichloroethene
Concen: 54.258 ug/l
RT: 7.19 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX015395.D
Acq: 27 Mar 2020 20:23

Tgt Ion:130 Resp: 723749
Ion Ratio Lower Upper
130 100
95 101.6 0.0 199.0

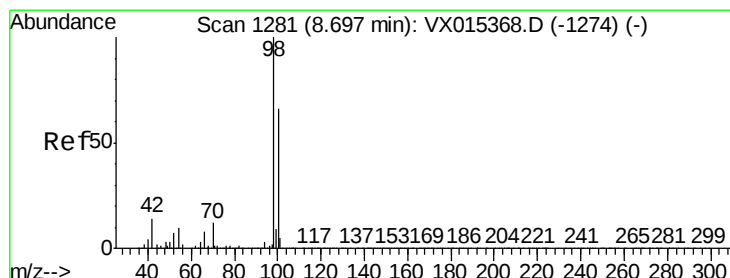
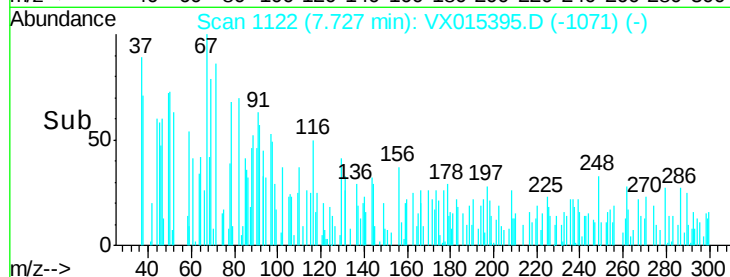
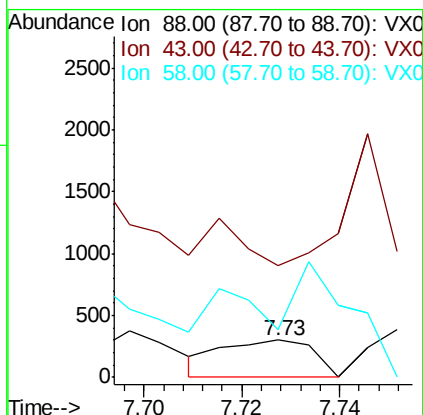
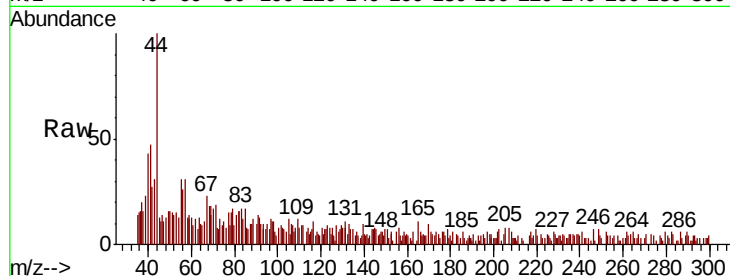




#49
1,4-Dioxane
Concen: 1.149 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. 0.01 min
Lab File: VX015395.D
Acq: 27 Mar 2020 20:23

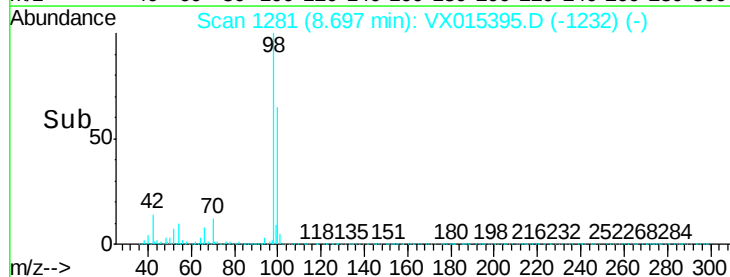
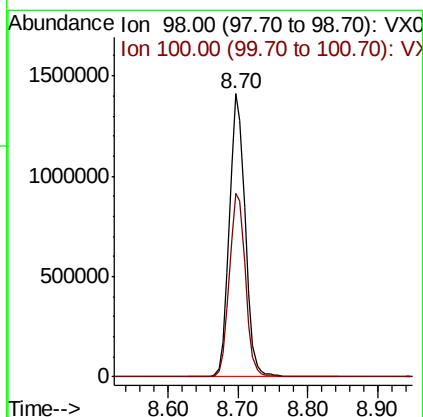
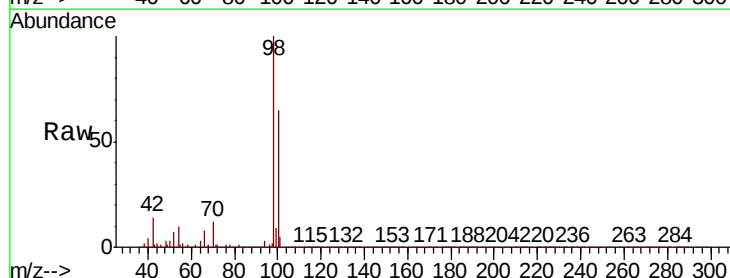
Instrument :
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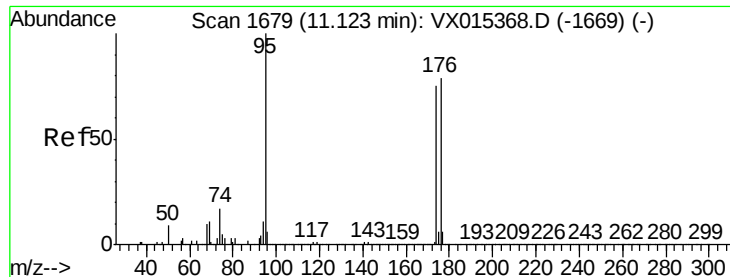
Tot Ion: 88 Resp: 393
Ion Ratio Lower Upper
88 100
43 0.0 30.1 45.1#
58 189.6 60.6 90.8#



#50
Toluene-d8
Concen: 52.046 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VX015395.D
Acq: 27 Mar 2020 20:23

Tgt Ion: 98 Resp: 2219679
Ion Ratio Lower Upper
98 100
100 65.8 53.5 80.3





#62

4-Bromofluorobenzene

Concen: 55.116 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015395.D

Acq: 27 Mar 2020 20:23

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20200316

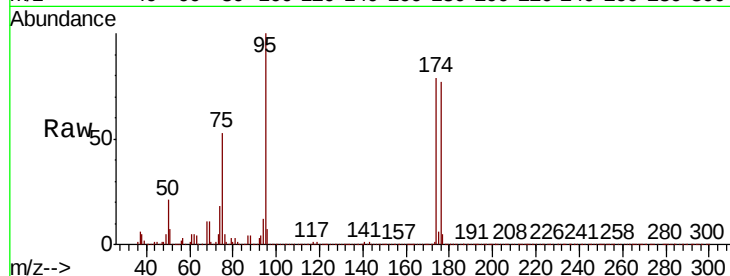
Tot Ion: 95 Resp: 955281

Ion Ratio Lower Upper

95 100

174 78.6 0.0 158.6

176 74.6 0.0 159.0

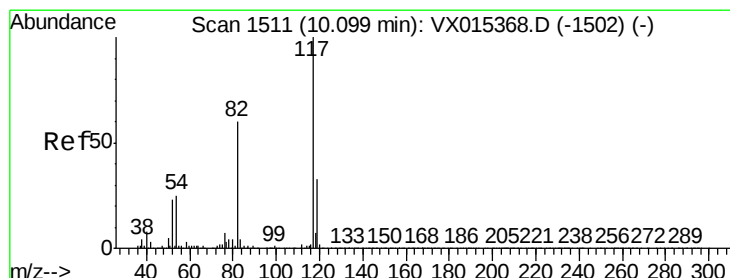
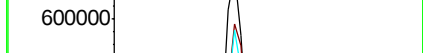
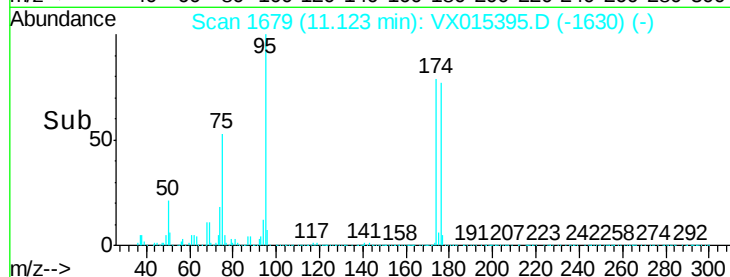


Abundance Ion 94.90 (94.60 to 95.60): VX015395.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX015395.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX015395.D (-1630) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1511

Delta R.T. 0.00 min

Lab File: VX015395.D

Acq: 27 Mar 2020 20:23

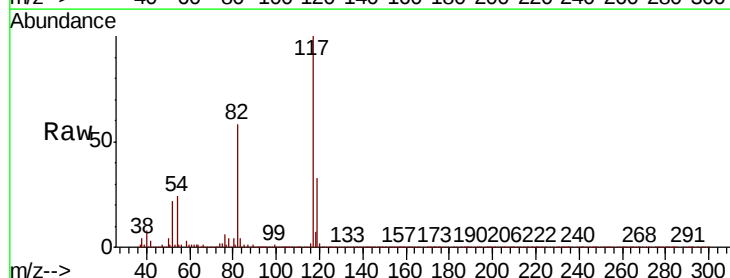
Tgt Ion: 117 Resp: 1746918

Ion Ratio Lower Upper

117 100

82 57.9 47.8 71.8

119 33.0 26.8 40.2

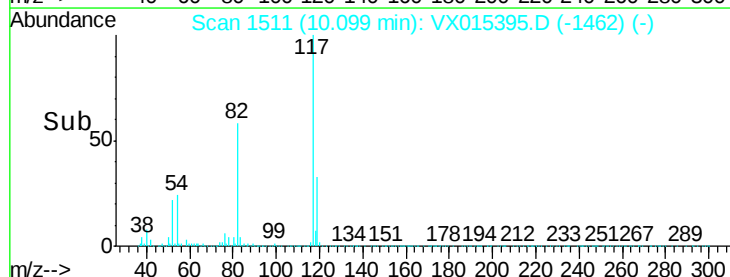


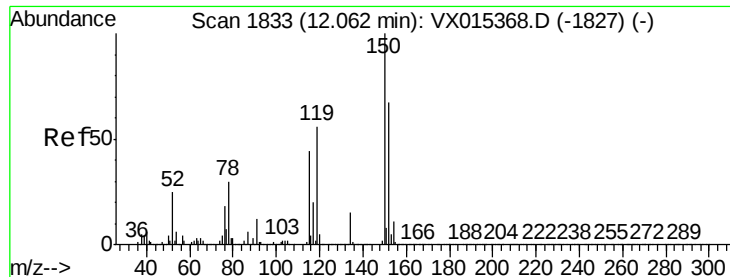
Abundance Ion 116.90 (116.60 to 117.60): VX015395.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX015395.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX015395.D (-1462) (-)

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX015395.D

Acq: 27 Mar 2020 20:23

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20200316

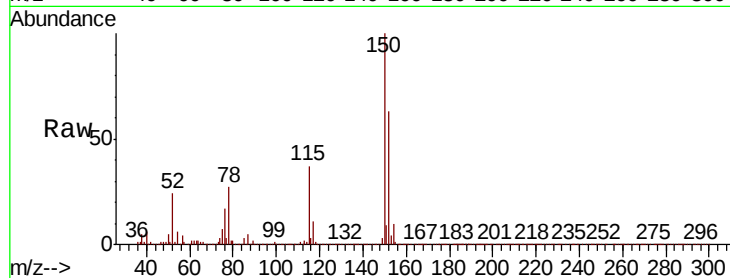
Tot Ion:152 Resp: 918594

Ion Ratio Lower Upper

152 100

115 59.4 39.0 116.9

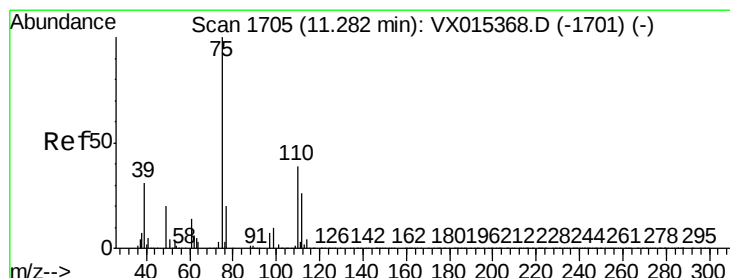
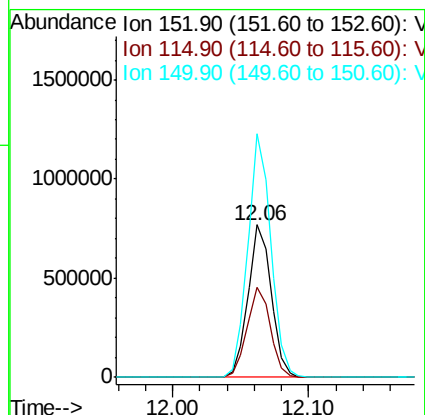
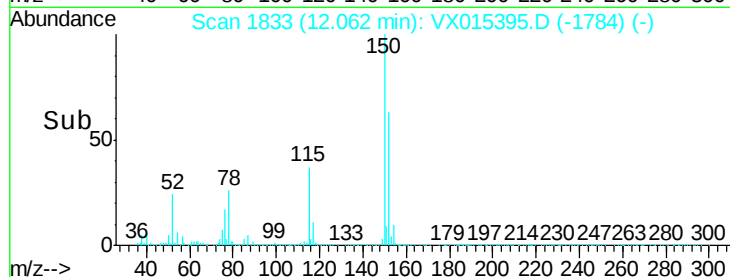
150 158.7 0.0 340.8



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: 26.283 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.16 min

Lab File: VX015395.D

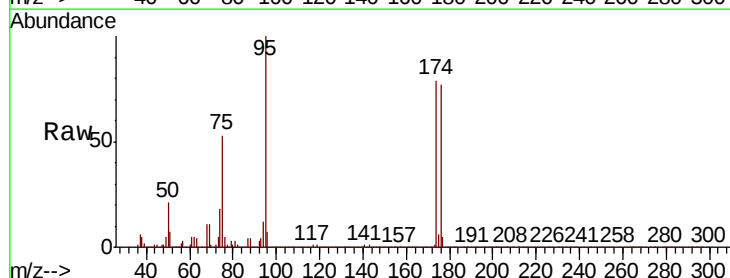
Acq: 27 Mar 2020 20:23

Tgt Ion: 75 Resp: 496497

Ion Ratio Lower Upper

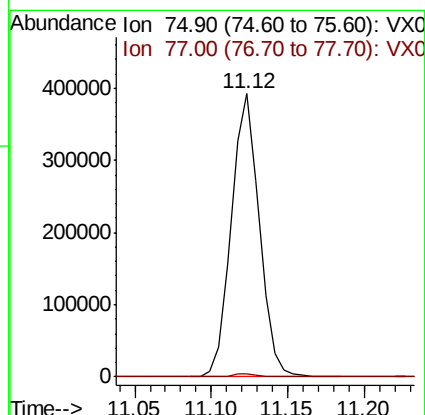
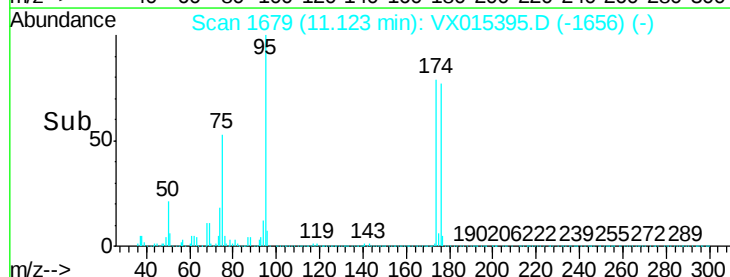
75 100

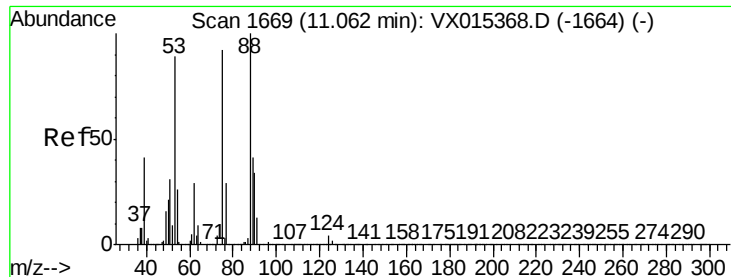
77 1.1 21.2 63.6#



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: 63.066 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.06 min

Lab File: VX015395.D

Acq: 27 Mar 2020 20:23

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20200316

Tot Ion: 75 Resp: 496497

Ion Ratio Lower Upper

75 100

53 0.0 80.1 120.1#

89 0.0 36.1 54.1#

