

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX110719\
 Data File : VX013347.D
 Acq On : 07 Nov 2019 12:51
 Operator : JC/SP
 Sample : K5742-13RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 (ERB)-EQUIPMENT-RINSATE-BLAN

Quant Time: Nov 07 16:18:59 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	5.64	168	816405	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1269778	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	1125708	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	516477	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	458691	47.42	ug/l	0.00
Spiked Amount			Recovery	=	94.84%	
35) Dibromofluoromethane	5.48	113	383297	48.13	ug/l	0.00
Spiked Amount			Recovery	=	96.26%	
50) Toluene-d8	8.71	98	1497427	49.87	ug/l	0.00
Spiked Amount			Recovery	=	99.74%	
62) 4-Bromofluorobenzene	11.13	95	507904	46.87	ug/l	0.00
Spiked Amount			Recovery	=	93.74%	

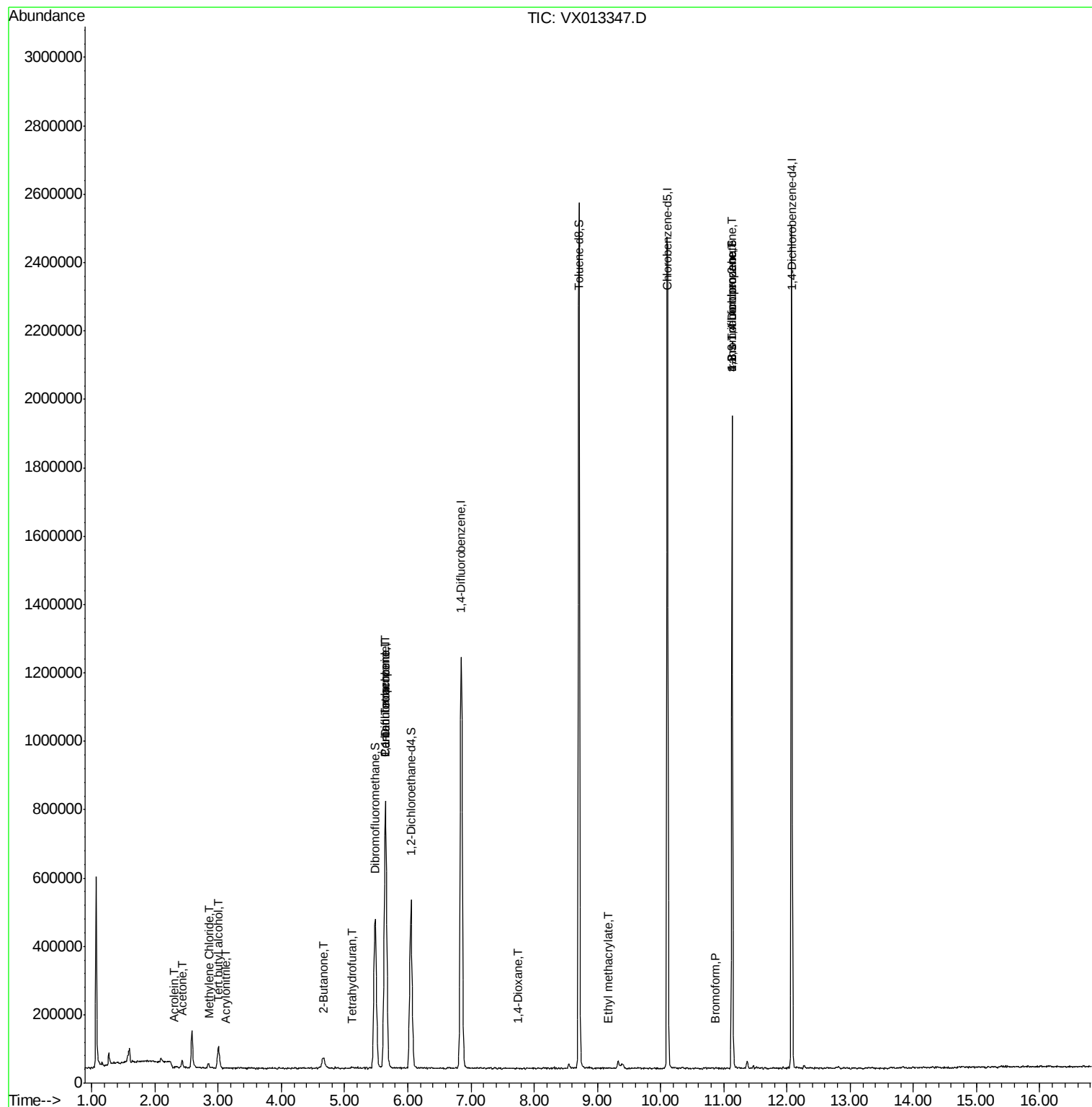
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.72	64	737	Below Cal		99
11) Tert butyl alcohol	3.00	59	42338	16.608	ug/l #	74
13) Acrolein	2.30	56	468	0.339	ug/l	92
15) Acrylonitrile	3.12	53	1041	0.219	ug/l #	32
16) Acetone	2.43	43	24545	5.088	ug/l	93
20) Methylene Chloride	2.84	84	7741	0.868	ug/l	95
25) 2-Butanone	4.66	43	3781	0.534	ug/l #	55
29) Tetrahydrofuran	5.12	42	1037	0.238	ug/l #	49
36) 1,1-Dichloropropene	5.65	75	58583	5.378	ug/l #	41
38) Carbon Tetrachloride	5.64	117	69952	6.567	ug/l #	17
49) 1,4-Dioxane	7.75	88	546	2.279	ug/l #	1
56) Ethyl methacrylate	9.17	69	454	1.593	ug/l #	1
71) Bromoform	10.87	173	250	3.233	ug/l #	28
76) 1,2,3-Trichloropropane	11.13	75	252611	24.080	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.13	75	252611	61.982	ug/l #	9

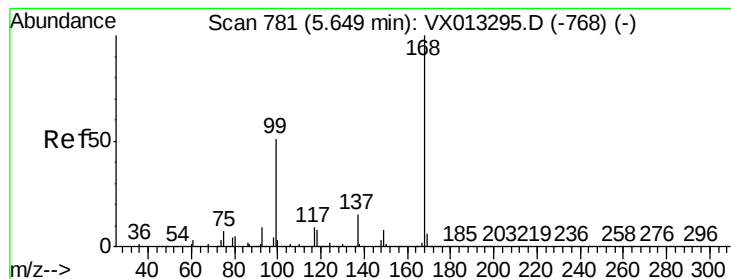
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX110719\
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Quant Title : SW846 8260
QLast Update : Sat Nov 02 07:06:38 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.01 min

Lab File: VX013347.D

Acq: 07 Nov 2019 12:51

Instrument :

MSVOA_X

ClientSampleId :

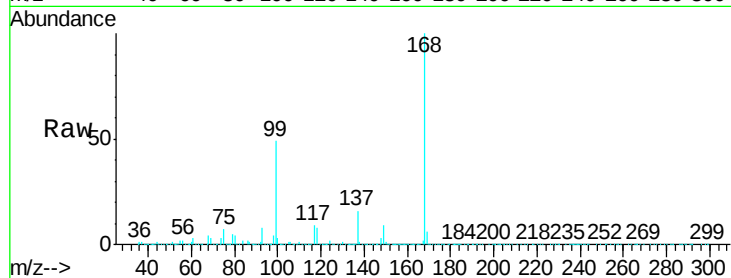
(ERB)-EQUIPMENT-RINSATE-BLAN

Tgt Ion:168 Resp: 816405

Ion Ratio Lower Upper

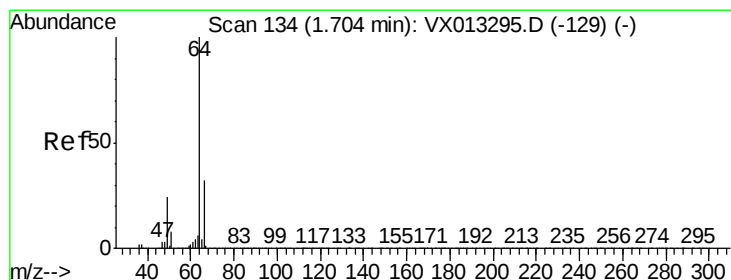
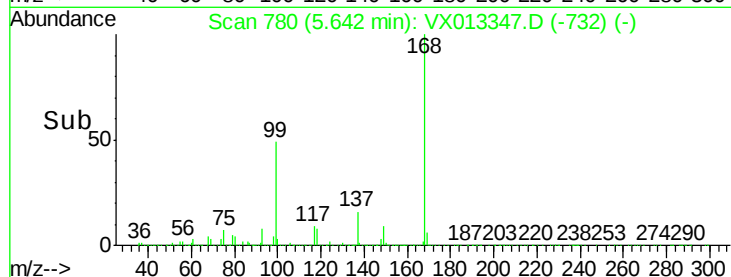
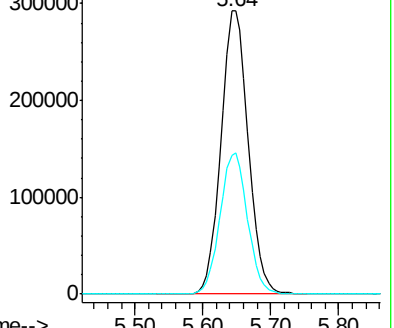
168 100

99 49.1 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#6

Chloroethane

Concen: Below Cal

RT: 1.72 min Scan# 137

Delta R.T. 0.02 min

Lab File: VX013347.D

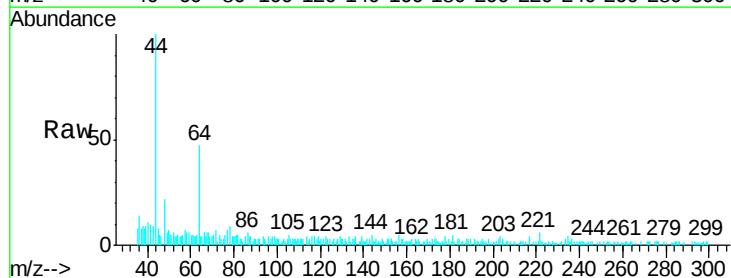
Acq: 07 Nov 2019 12:51

Tgt Ion: 64 Resp: 737

Ion Ratio Lower Upper

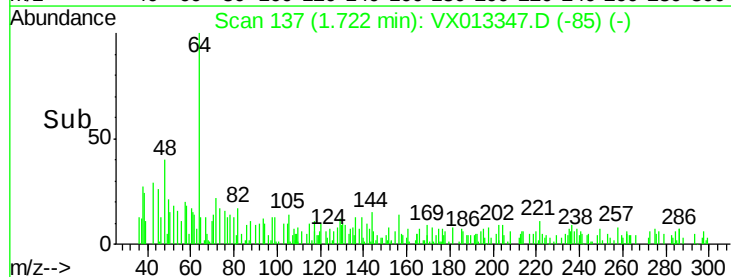
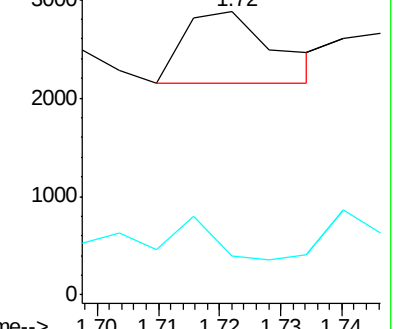
64 100

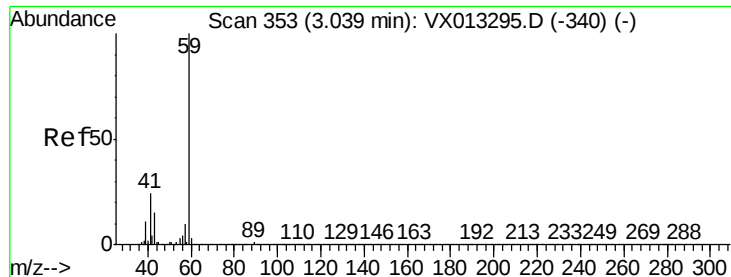
66 32.3 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



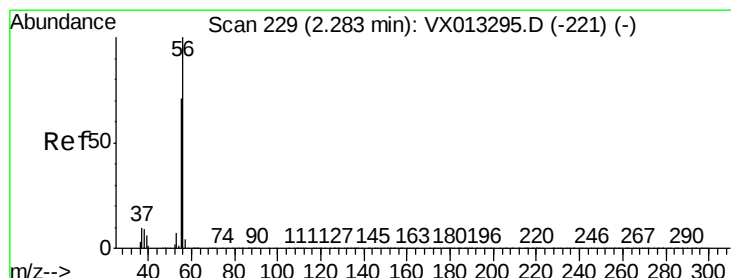
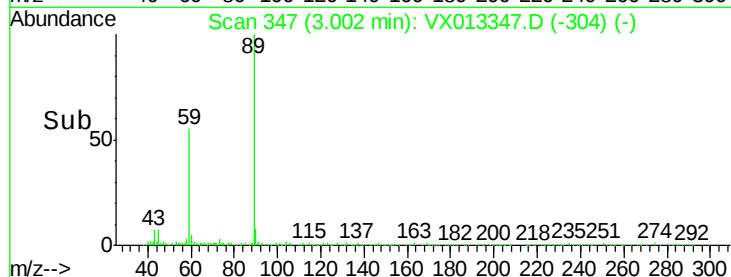
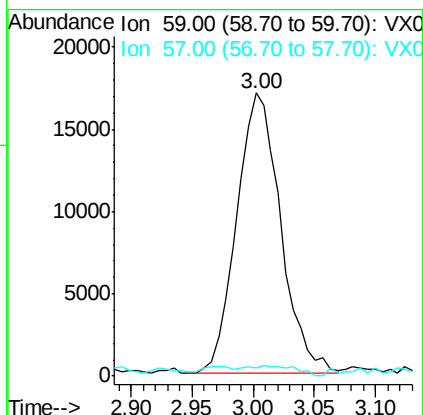
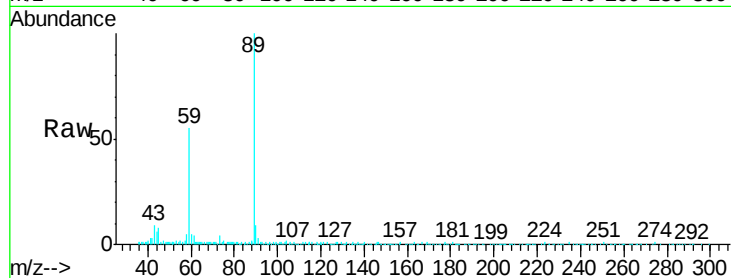


#11

Tert butyl alcohol
Concen: 16.608 ug/l
RT: 3.00 min Scan# 347
Delta R.T. -0.04 min
Lab File: VX013347.D
Acq: 07 Nov 2019 12:51

Instrument :
MSVOA_X
ClientSampleId :
(ERB)-EQUIPMENT-RINSATE-BLAN

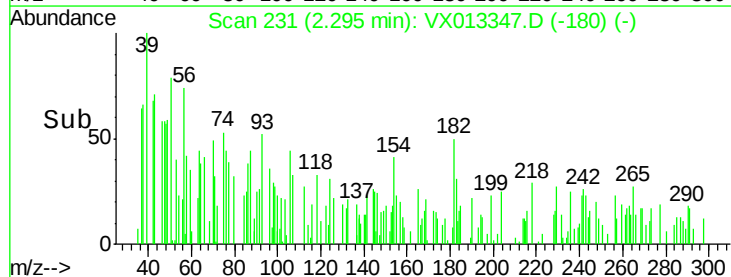
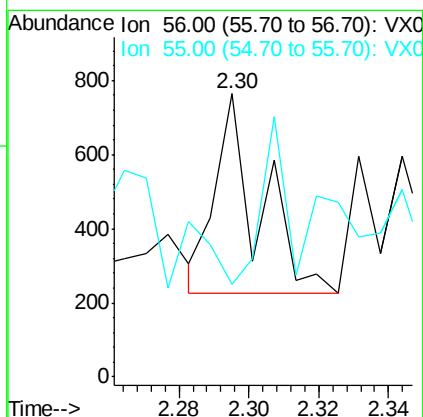
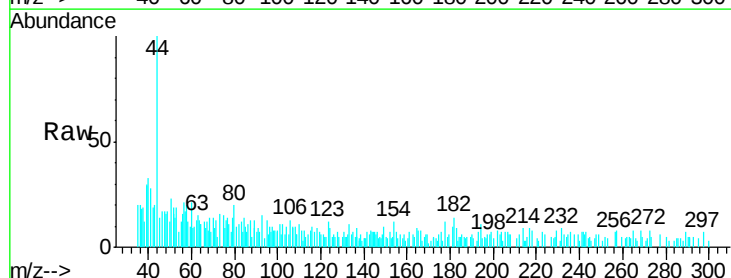
Tgt Ion: 59 Resp: 42338
Ion Ratio Lower Upper
59 100
57 0.4 8.0 12.0#

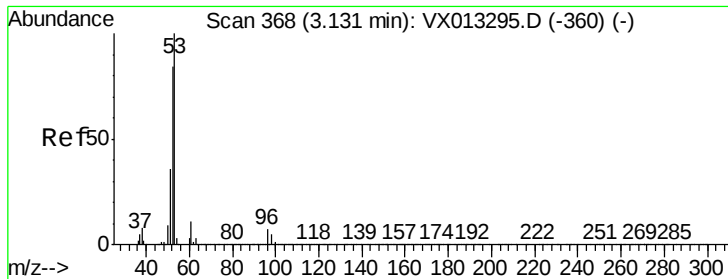


#13

Acrolein
Concen: 0.339 ug/l
RT: 2.30 min Scan# 231
Delta R.T. 0.01 min
Lab File: VX013347.D
Acq: 07 Nov 2019 12:51

Tgt Ion: 56 Resp: 468
Ion Ratio Lower Upper
56 100
55 78.6 57.4 86.0





#15

Acrylonitrile

Concen: 0.219 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX013347.D

Acq: 07 Nov 2019 12:51

Instrument :

MSVOA_X

ClientSampleId :

(ERB)-EQUIPMENT-RINSATE-BLAN

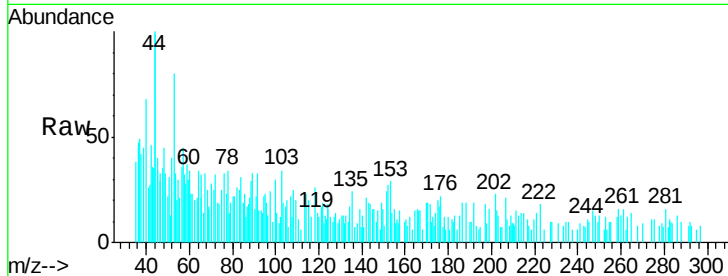
Tgt Ion: 53 Resp: 1041

Ion Ratio Lower Upper

53 100

52 0.0 67.4 101.0#

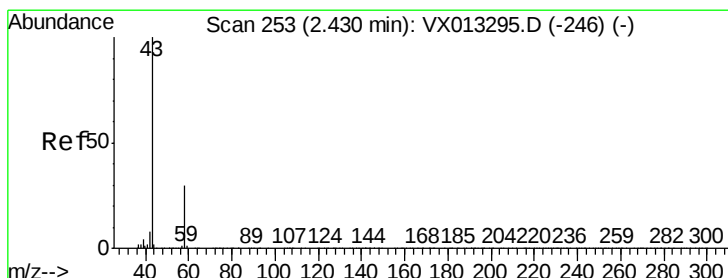
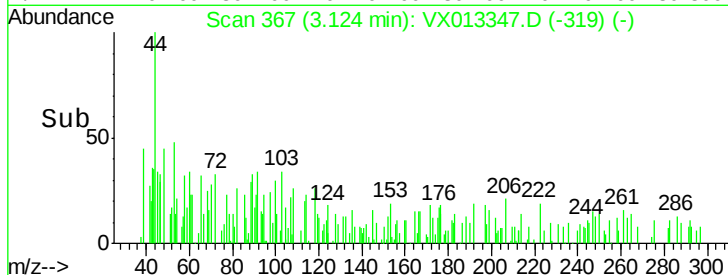
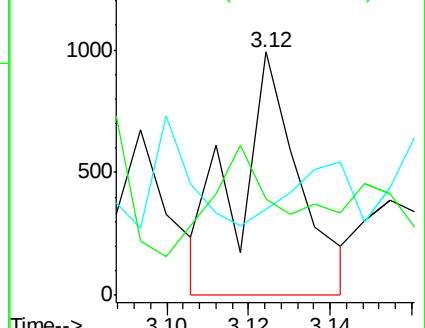
51 43.5 29.4 44.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 5.088 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX013347.D

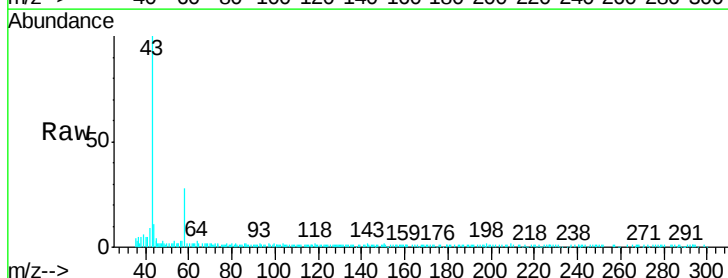
Acq: 07 Nov 2019 12:51

Tgt Ion: 43 Resp: 24545

Ion Ratio Lower Upper

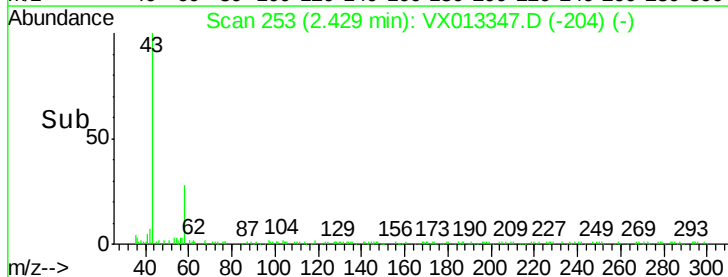
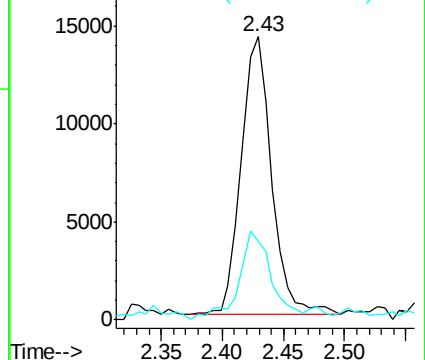
43 100

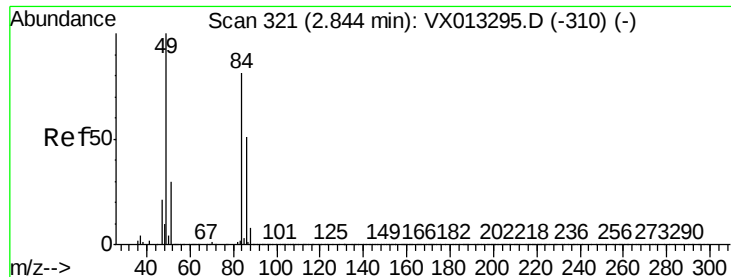
58 26.5 24.3 36.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

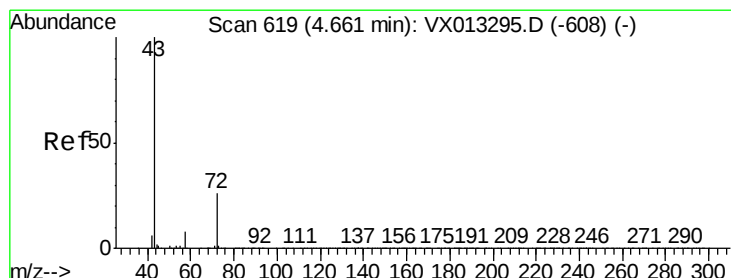
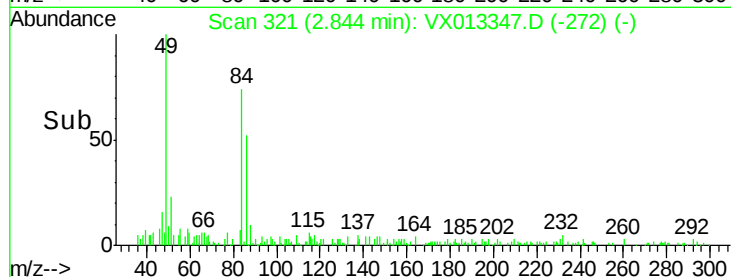
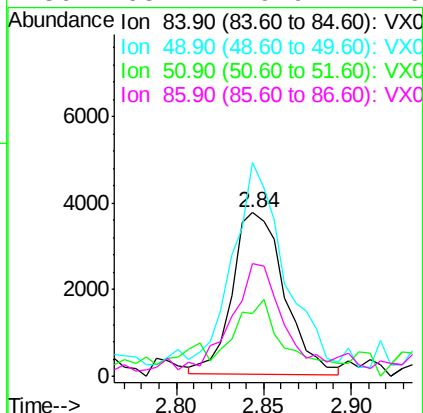
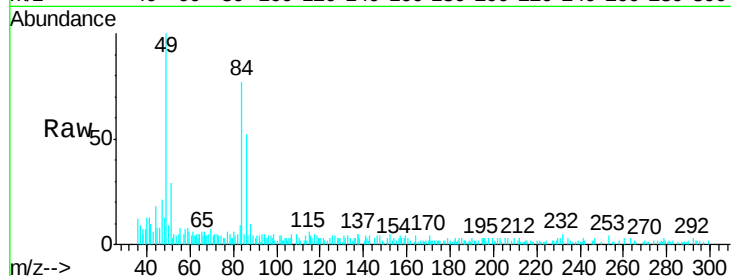




#20
Methylene Chloride
Concen: 0.868 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX013347.D
Acq: 07 Nov 2019 12:51

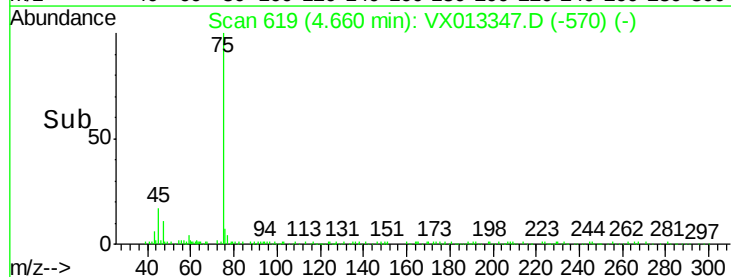
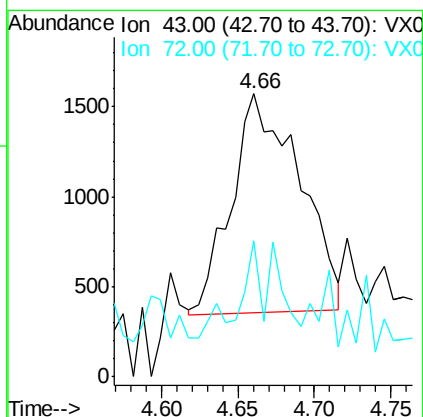
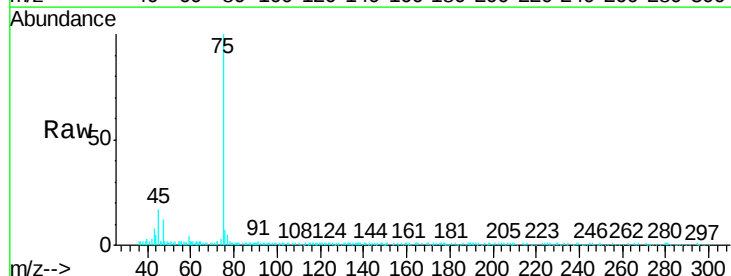
Instrument :
MSVOA_X
ClientSampleId :
(ERB)-EQUIPMENT-RINSATE-BLAN

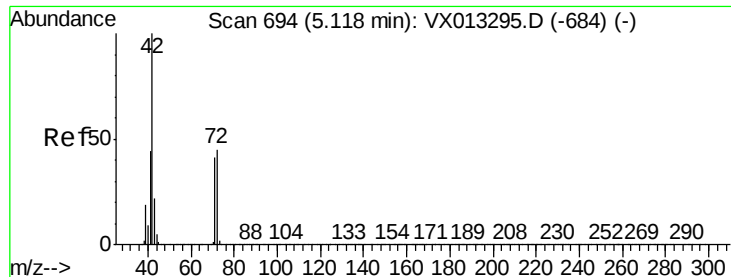
Tgt Ion:	84	Resp:	7741
Ion	Ratio	Lower	Upper
84	100		
49	128.9	98.2	147.4
51	32.7	29.9	44.9
86	63.2	49.9	74.9



#25
2-Butanone
Concen: 0.534 ug/l
RT: 4.66 min Scan# 619
Delta R.T. -0.00 min
Lab File: VX013347.D
Acq: 07 Nov 2019 12:51

Tgt Ion:	43	Resp:	3781
Ion	Ratio	Lower	Upper
43	100		
72	49.2	21.0	31.6#





#29

Tetrahydrofuran

Concen: 0.238 ug/l

RT: 5.12 min Scan# 694

Delta R.T. -0.00 min

Lab File: VX013347.D

Acq: 07 Nov 2019 12:51

Instrument :

MSVOA_X

ClientSampleId :

(ERB)-EQUIPMENT-RINSATE-BLAN

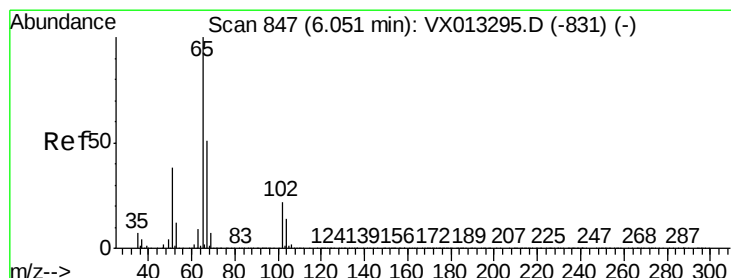
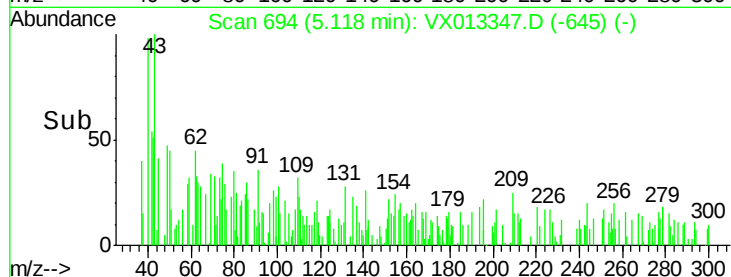
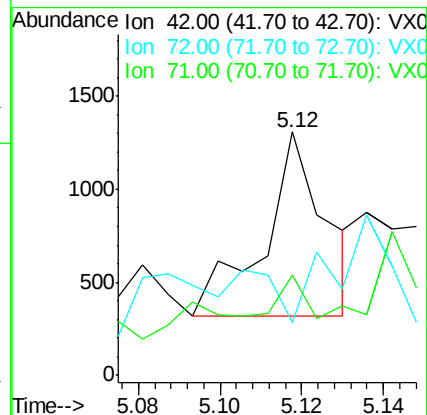
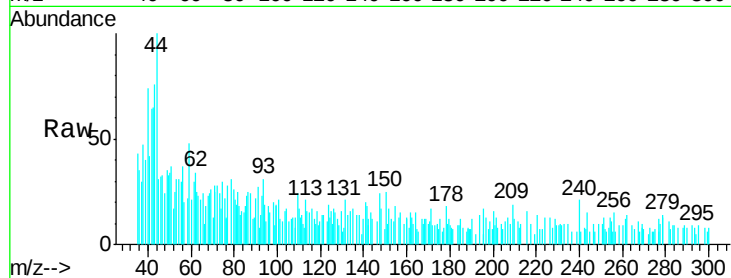
Tgt Ion: 42 Resp: 1037

Ion Ratio Lower Upper

42 100

72 0.0 35.8 53.8#

71 21.3 33.4 50.0#



#33

1,2-Dichloroethane-d4

Concen: 47.425 ug/l

RT: 6.04 min Scan# 846

Delta R.T. -0.01 min

Lab File: VX013347.D

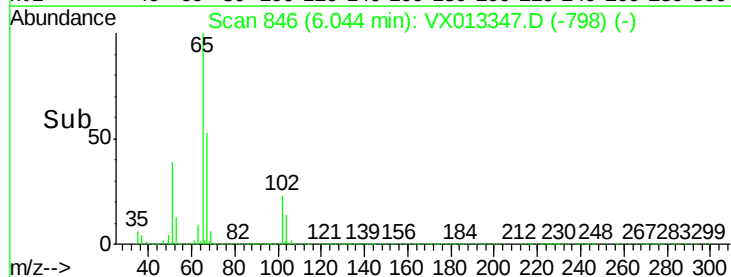
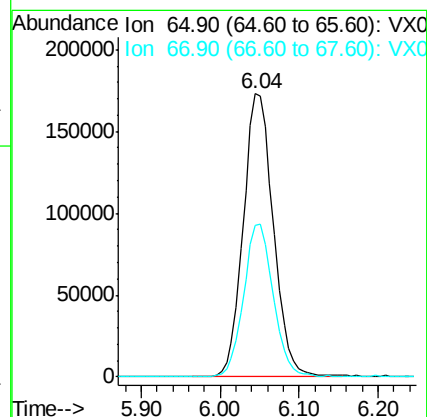
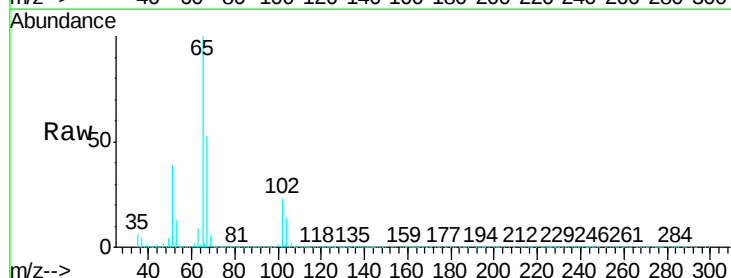
Acq: 07 Nov 2019 12:51

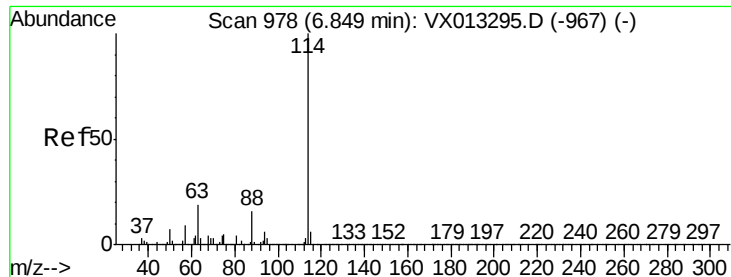
Tgt Ion: 65 Resp: 458691

Ion Ratio Lower Upper

65 100

67 52.8 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: VX013347.D

Acq: 07 Nov 2019 12:51

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(ERB)-EQUIPMENT-RINSATE-BLAN

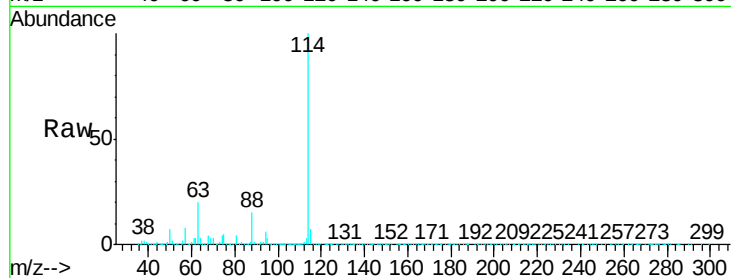
Tgt Ion:114 Resp: 1269778

Ion Ratio Lower Upper

114 100

63 19.7 0.0 38.4

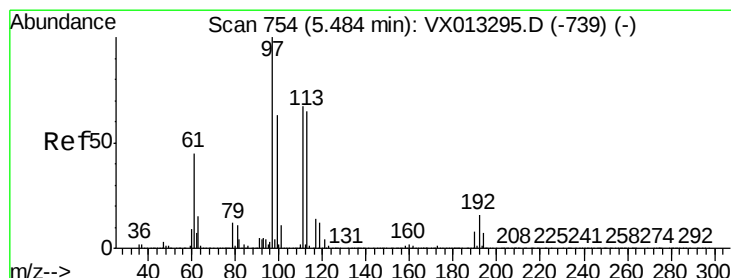
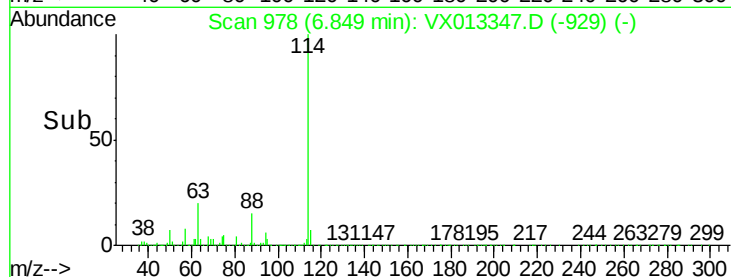
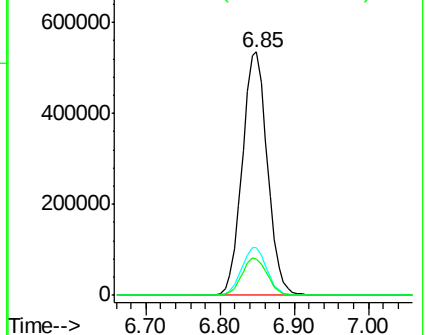
88 15.1 0.0 32.2



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



#35

Dibromofluoromethane

Concen: 48.127 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX013347.D

Acq: 07 Nov 2019 12:51

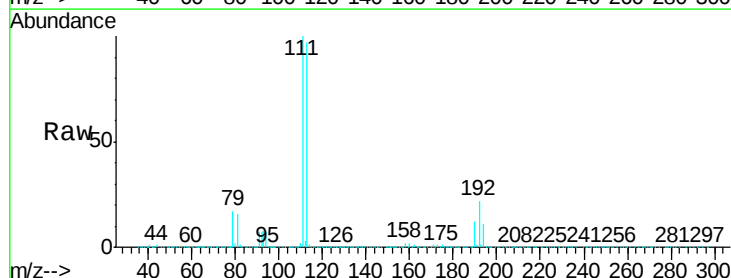
Tgt Ion:113 Resp: 383297

Ion Ratio Lower Upper

113 100

111 102.5 81.9 122.9

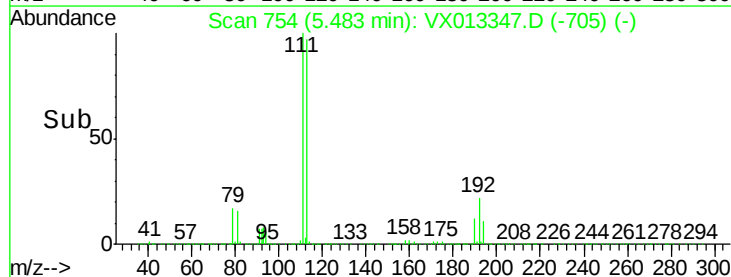
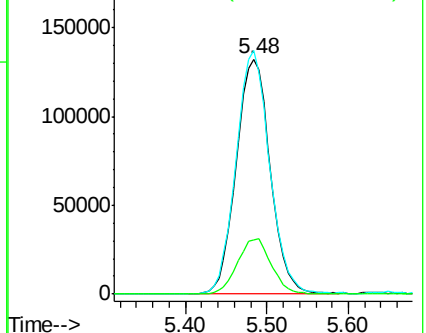
192 23.6 19.1 28.7

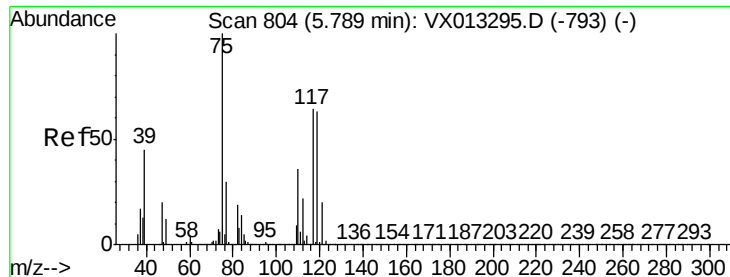


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

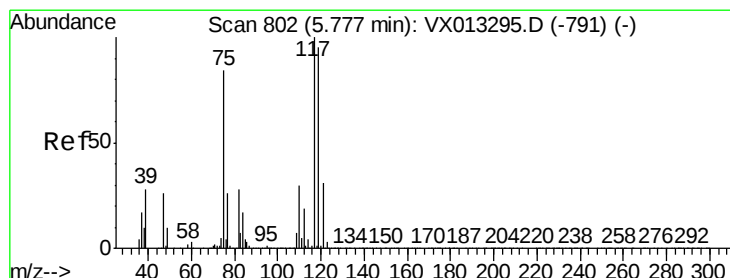
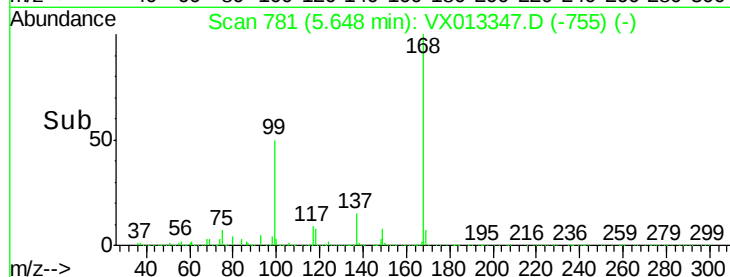
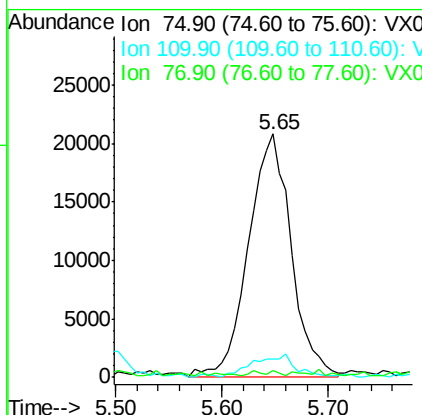
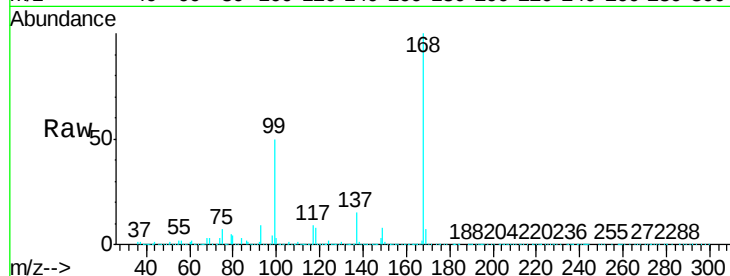




#36
 1,1-Dichloropropene
 Concen: 5.378 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.14 min
 Lab File: VX013347.D
 Acq: 07 Nov 2019 12:51

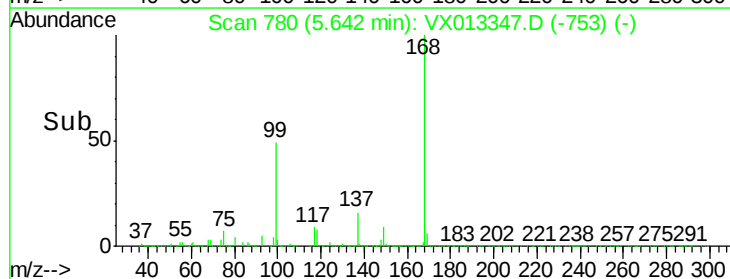
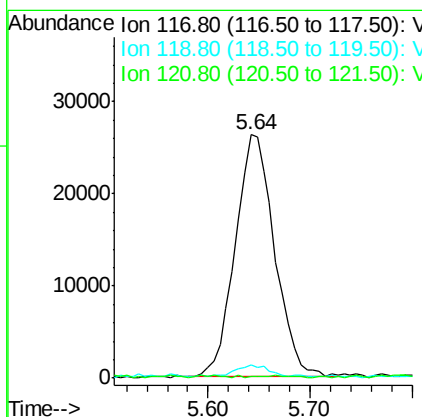
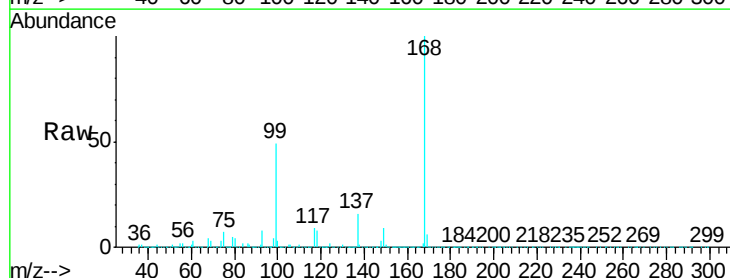
Instrument :
 MSVOA_X
 ClientSampleId :
 (ERB)-EQUIPMENT-RINSATE-BLAN

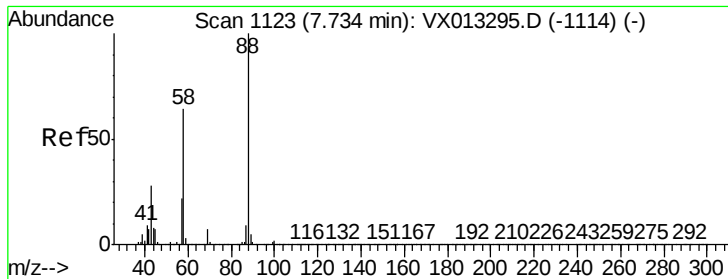
Tgt Ion	Ratio	Lower	Upper
75	100		
110	0.0	18.1	54.1#
77	0.4	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 6.567 ug/l
 RT: 5.64 min Scan# 780
 Delta R.T. -0.13 min
 Lab File: VX013347.D
 Acq: 07 Nov 2019 12:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.9	76.1	114.1#
121	1.0	24.6	37.0#





#49

1,4-Dioxane

Concen: 2.279 ug/l

RT: 7.75 min Scan# 1126

Delta R.T. 0.02 min

Lab File: VX013347.D

Acq: 07 Nov 2019 12:51

Instrument :

MSVOA_X

ClientSampleId :

(ERB)-EQUIPMENT-RINSATE-BLAN

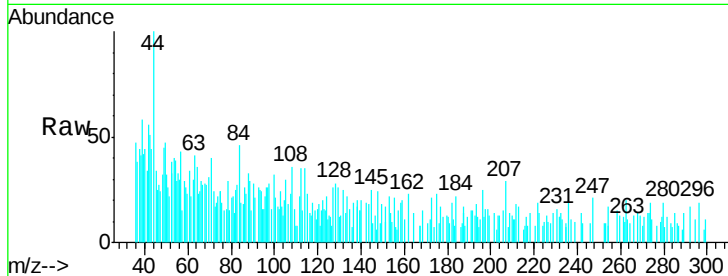
Tgt Ion: 88 Resp: 546

Ion Ratio Lower Upper

88 100

43 112.8 26.6 39.8#

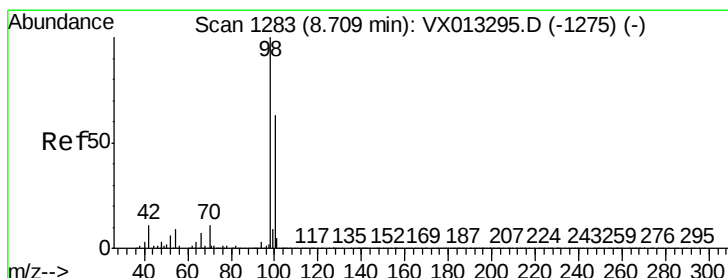
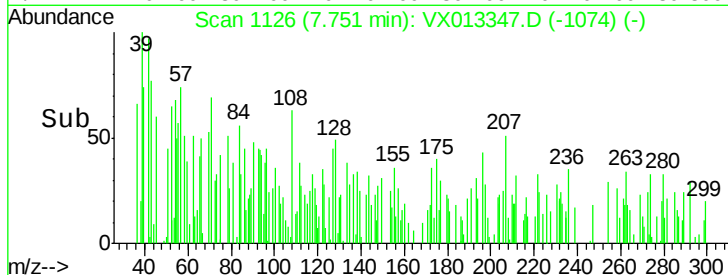
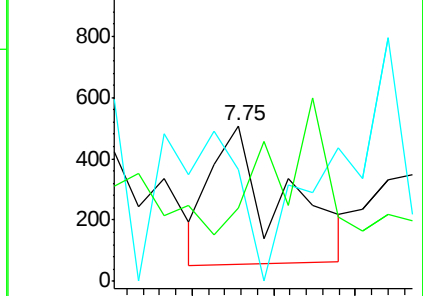
58 0.0 55.0 82.6#



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: 49.874 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013347.D

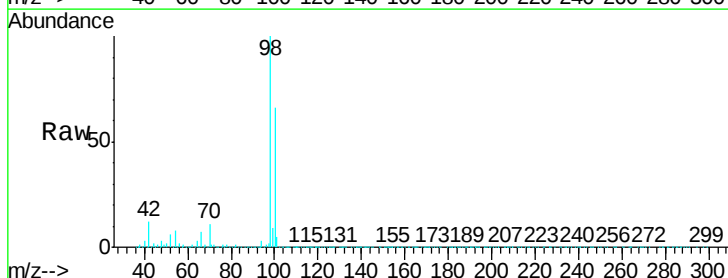
Acq: 07 Nov 2019 12:51

Tgt Ion: 98 Resp: 1497427

Ion Ratio Lower Upper

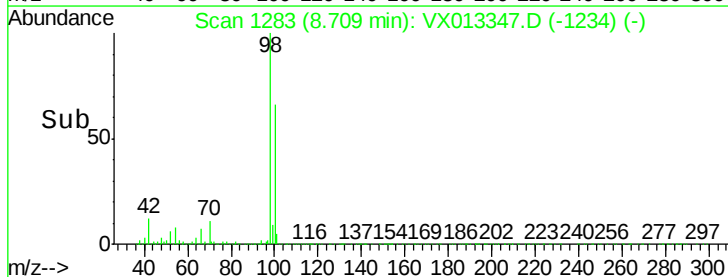
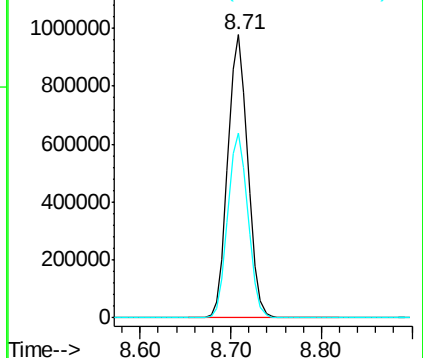
98 100

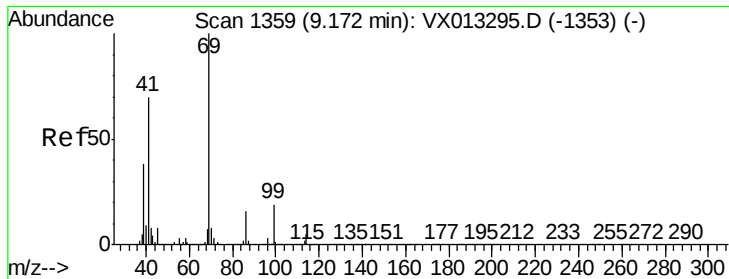
100 66.0 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#56

Ethyl methacrylate

Concen: 1.593 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX013347.D

Acq: 07 Nov 2019 12:51

Instrument :

MSVOA_X

ClientSampleId :

(ERB)-EQUIPMENT-RINSATE-BLAN

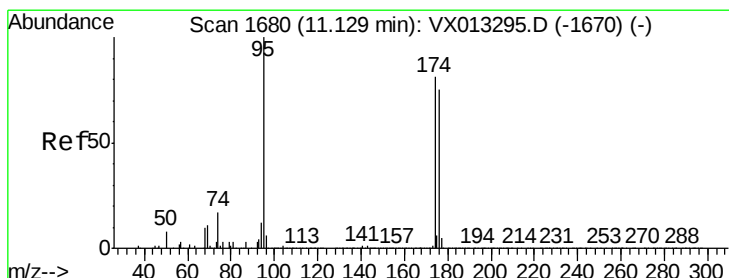
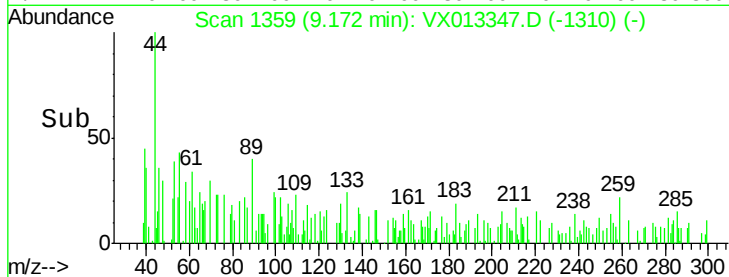
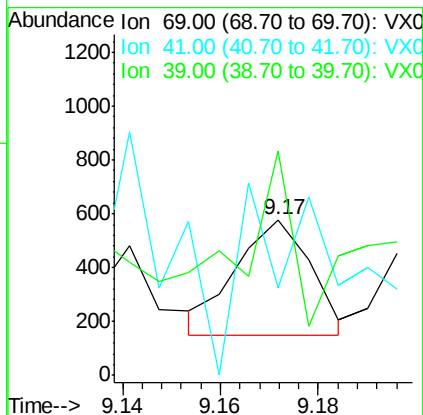
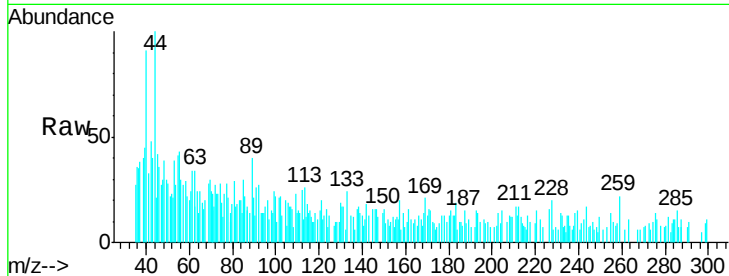
Tgt Ion: 69 Resp: 454

Ion Ratio Lower Upper

69 100

41 222.0 56.2 84.2#

39 90.5 31.1 46.7#



#62

4-Bromofluorobenzene

Concen: 46.872 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX013347.D

Acq: 07 Nov 2019 12:51

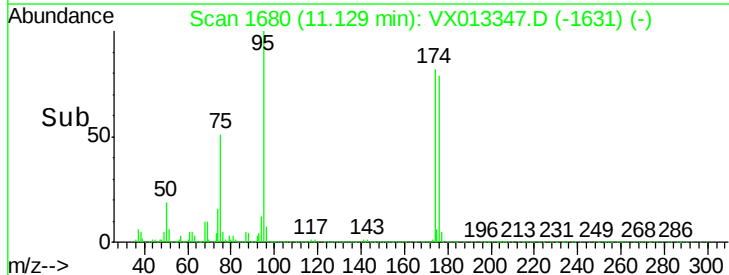
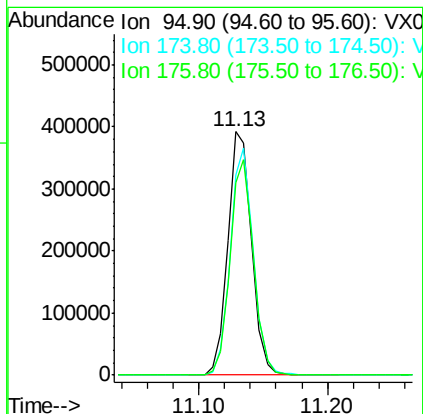
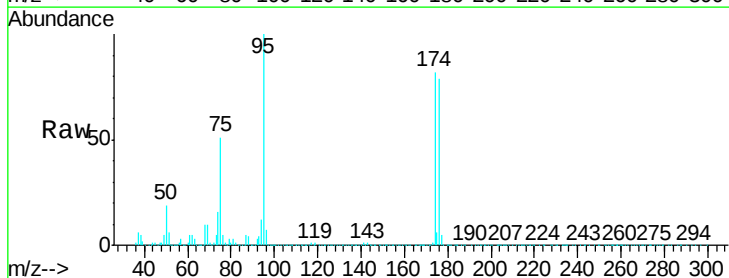
Tgt Ion: 95 Resp: 507904

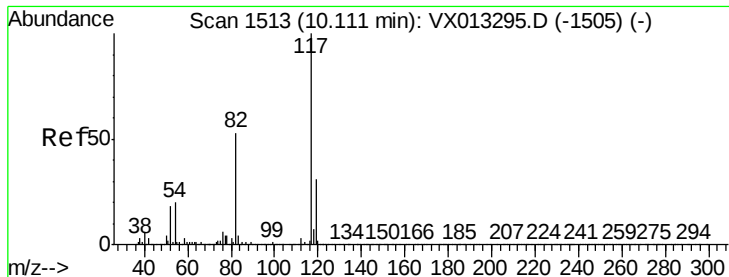
Ion Ratio Lower Upper

95 100

174 90.4 0.0 179.8

176 87.3 0.0 173.0

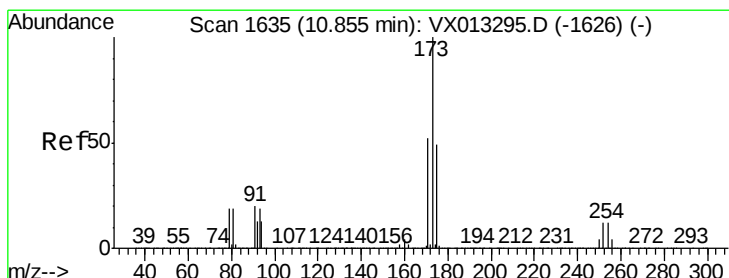
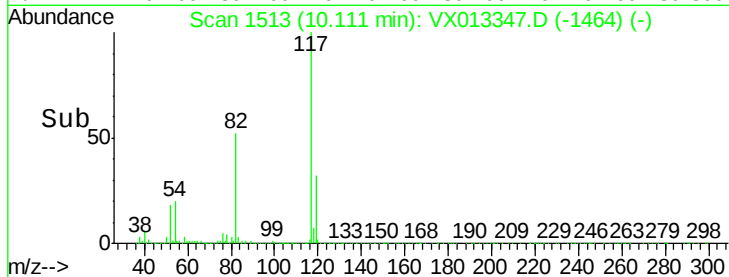
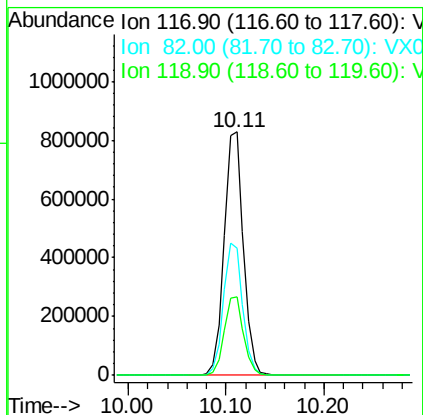
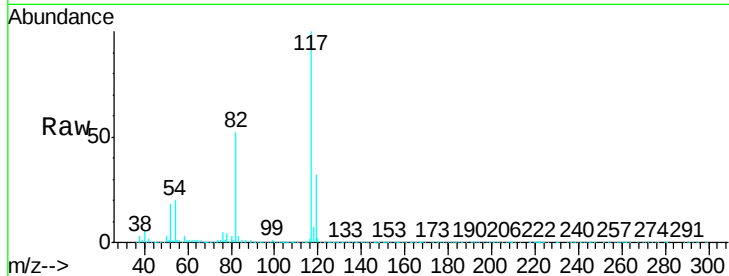




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013347.D
Acq: 07 Nov 2019 12:51

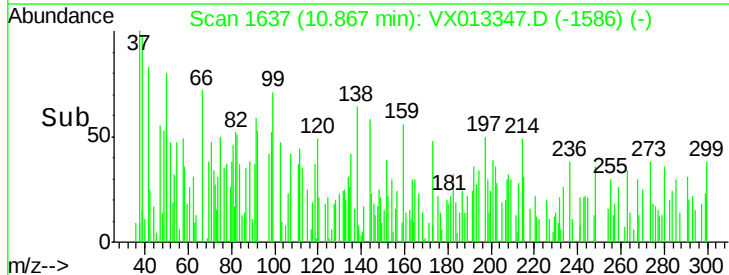
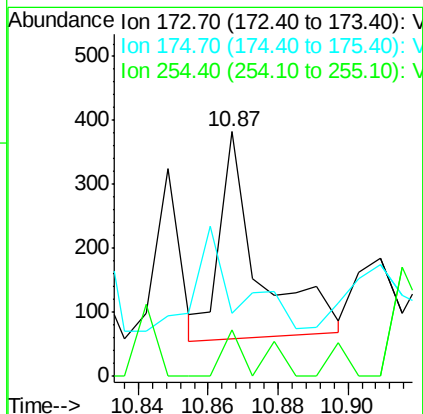
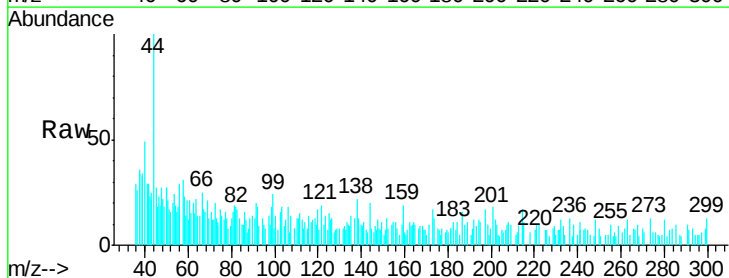
Instrument :
MSVOA_X
ClientSampleId :
(ERB)-EQUIPMENT-RINSATE-BLAN

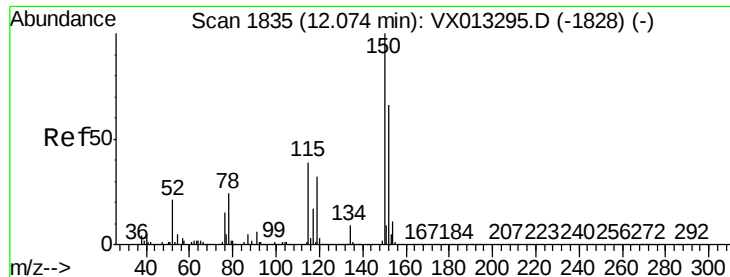
Tgt Ion:117 Resp: 1125708
Ion Ratio Lower Upper
117 100
82 52.1 42.6 64.0
119 32.0 24.8 37.2



#71
Bromoform
Concen: 3.233 ug/l
RT: 10.87 min Scan# 1637
Delta R.T. 0.01 min
Lab File: VX013347.D
Acq: 07 Nov 2019 12:51

Tgt Ion:173 Resp: 250
Ion Ratio Lower Upper
173 100
175 0.0 24.8 74.4#
254 18.0 0.2 0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013347.D

Acq: 07 Nov 2019 12:51

Instrument :

MSVOA_X

ClientSampleId :

(ERB)-EQUIPMENT-RINSATE-BLAN

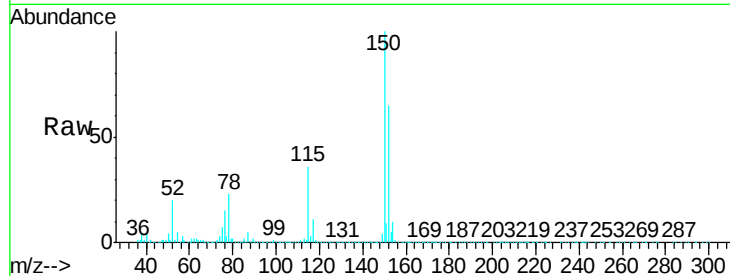
Tgt Ion: 152 Resp: 516477

Ion Ratio Lower Upper

152 100

115 55.9 39.5 118.3

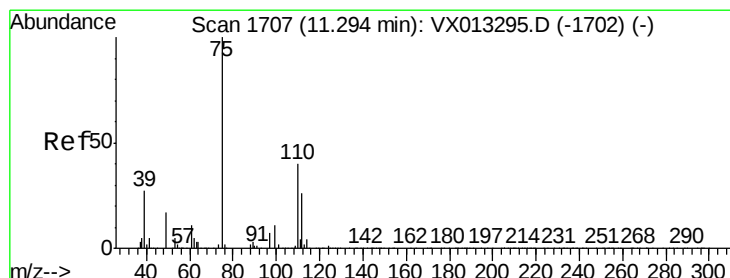
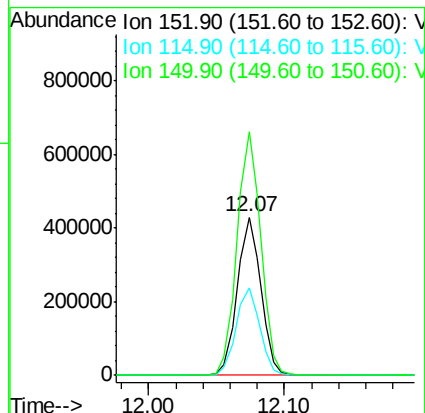
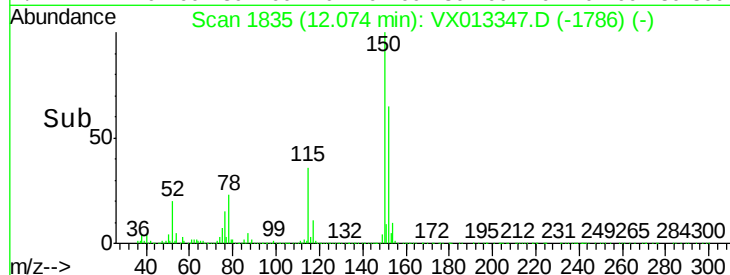
150 155.8 0.0 344.4



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



#76

1,2,3-Trichloropropane

Concen: 24.080 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.17 min

Lab File: VX013347.D

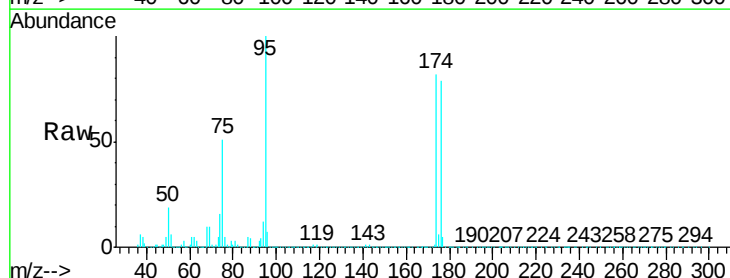
Acq: 07 Nov 2019 12:51

Tgt Ion: 75 Resp: 252611

Ion Ratio Lower Upper

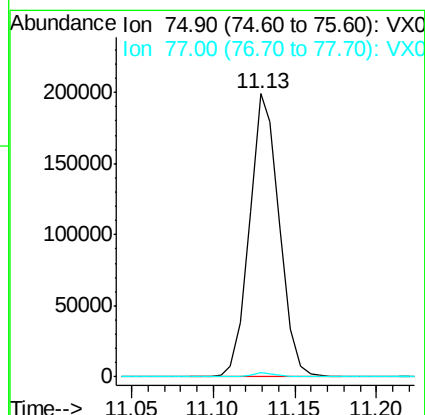
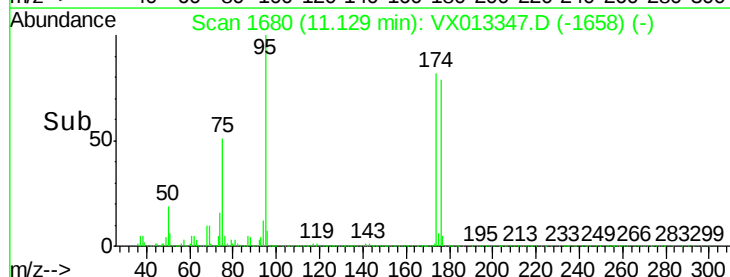
75 100

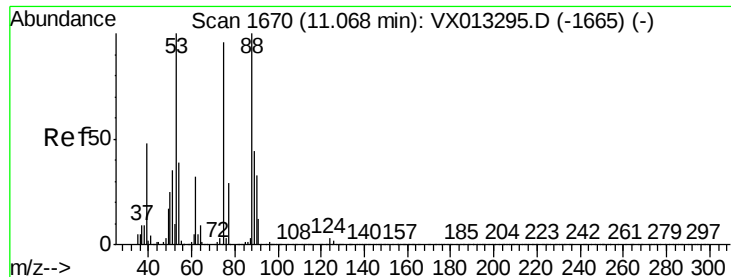
77 1.3 22.3 66.8#



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: 61.982 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX013347.D

Acq: 07 Nov 2019 12:51

Instrument :

MSVOA_X

ClientSampleId :

(ERB)-EQUIPMENT-RINSATE-BLAN

Tgt Ion: 75 Resp: 252611

Ion Ratio Lower Upper

75 100

53 0.0 81.0 121.6#

89 0.0 36.0 54.0#

