

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122719\
 Data File : VX014334.D
 Acq On : 28 Dec 2019 02:13
 Operator : JC/SP
 Sample : PB125747TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB125747TB

Quant Time: Dec 30 05:44:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	541800	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	836368	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	749696	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	307500	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	293807	47.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.70%	
35) Dibromofluoromethane	5.49	113	246431	48.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.94%	
50) Toluene-d8	8.71	98	1004715	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	
62) 4-Bromofluorobenzene	11.13	95	327289	45.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.46%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	1047	0.216	ug/l	93
4) Vinyl Chloride	1.41	62	1385	0.202	ug/l	97
5) Bromomethane	1.64	94	3835	0.787	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	1179	0.230	ug/l #	77
10) Methyl Iodide	2.51	142	3395	3.097	ug/l	93
11) Tert butyl alcohol	3.07	59	433	0.326	ug/l #	72
13) Acrolein	2.28	56	386	0.508	ug/l #	1
15) Acrylonitrile	3.13	53	875	0.283	ug/l #	59
16) Acetone	2.44	43	17512	4.393	ug/l	99
17) Carbon Disulfide	2.56	76	4537	1.059	ug/l	97
18) Methyl Acetate	2.76	43	6199	0.785	ug/l	99
20) Methylene Chloride	2.85	84	8744	1.393	ug/l	93
21) trans-1,2-Dichloroethene	3.16	96	1224	0.213	ug/l #	91
25) 2-Butanone	4.68	43	4957	1.009	ug/l #	78
28) Bromochloromethane	5.00	49	703	0.629	ug/l #	97
36) 1,1-Dichloropropene	5.65	75	35828	4.669	ug/l #	51
38) Carbon Tetrachloride	5.65	117	48120	6.883	ug/l #	16
43) Isopropyl Acetate	6.43	43	129836	9.258	ug/l	98
48) Methyl methacrylate	7.67	41	6623	0.964	ug/l #	14
49) 1,4-Dioxane	7.73	88	134	0.959	ug/l #	1
51) 4-Methyl-2-Pentanone	8.61	43	120184	13.645	ug/l #	45
52) Toluene	8.78	92	4111	0.275	ug/l	94
54) cis-1,3-Dichloropropene	8.61	75	56013	6.085	ug/l #	56
59) 2-Hexanone	9.54	43	144689	20.407	ug/l #	49
64) Tetrachloroethene	9.33	164	2042	0.308	ug/l	94
68) m/p-Xylenes	10.36	106	3134	0.297	ug/l #	69
76) 1,2,3-Trichloropropane	11.13	75	159216	23.850	ug/l #	39
77) Bromobenzene	11.26	156	1420	0.238	ug/l	90
80) 1,3,5-Trimethylbenzene	11.50	105	9866	0.541	ug/l	90
81) trans-1,4-Dichloro-2-buten	11.13	75	159216	67.317	ug/l #	11
82) 4-Chlorotoluene	11.51	91	4159	0.243	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	2768	0.265	ug/l	81
88) 1,4-Dichlorobenzene	12.02	146	2768	0.261	ug/l	81
89) n-Butylbenzene	12.39	91	4321	0.264	ug/l	90

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Response via : Initial Calibration

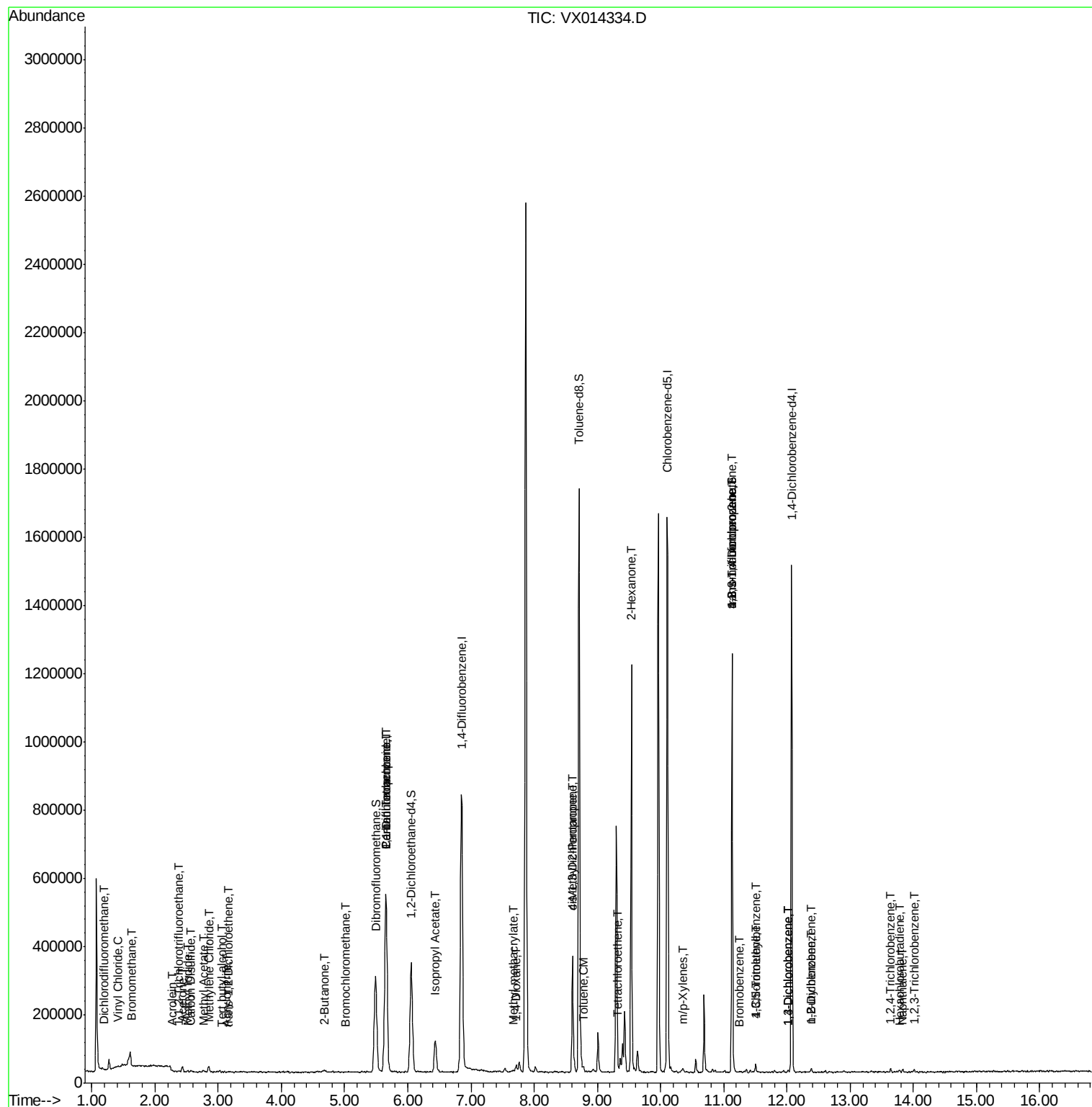
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) 1,2-Dichlorobenzene	12.39	146	2137	0.203	ug/l	87
93) 1,2,4-Trichlorobenzene	13.64	180	2848	0.417	ug/l	85
94) Hexachlorobutadiene	13.78	225	1292	0.394	ug/l	90
95) Naphthalene	13.83	128	4967	0.247	ug/l #	80
96) 1,2,3-Trichlorobenzene	14.01	180	2520	0.374	ug/l	87

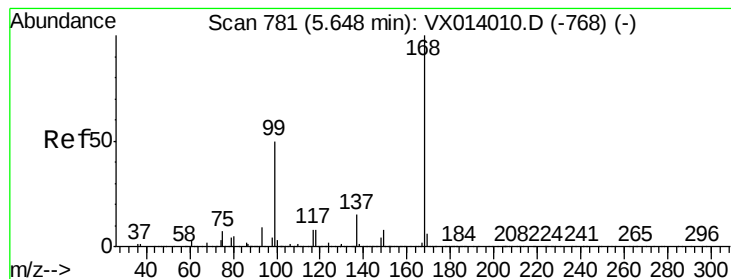
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014334.D

Acq: 28 Dec 2019 02:13

Instrument :

MSVOA_X

ClientSampleId :

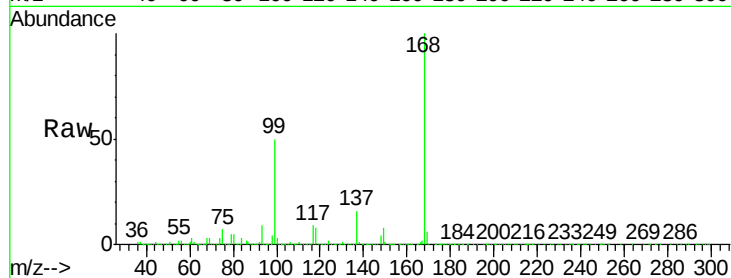
PB125747TB

Tgt Ion:168 Resp: 541800

Ion Ratio Lower Upper

168 100

99 49.6 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

200000

150000

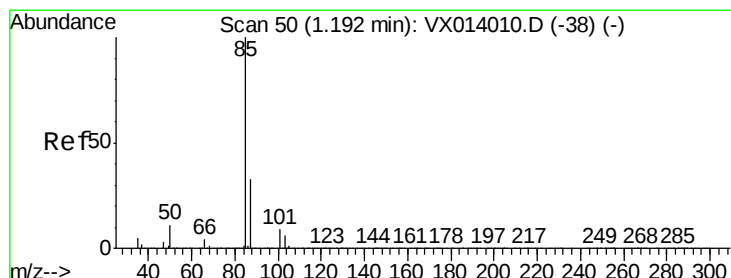
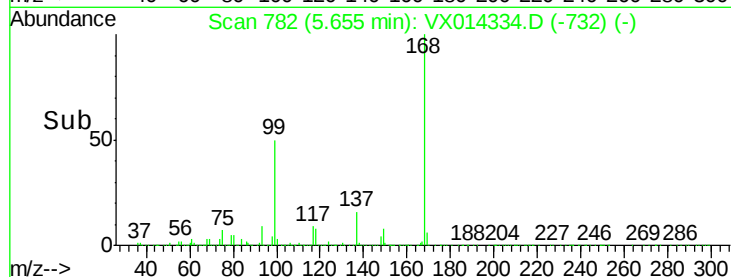
100000

50000

0

5.50 5.60 5.70 5.80 5.90

Time-->



#2

Dichlorodifluoromethane

Concen: 0.216 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014334.D

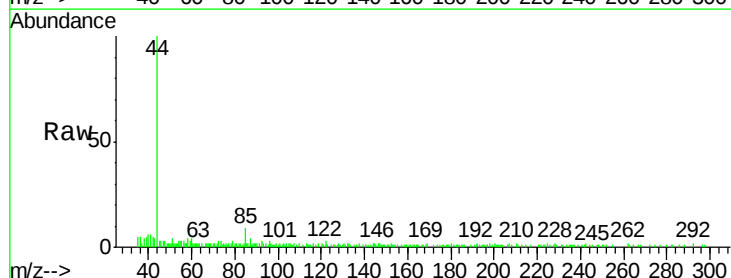
Acq: 28 Dec 2019 02:13

Tgt Ion: 85 Resp: 1047

Ion Ratio Lower Upper

85 100

87 36.9 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

800

600

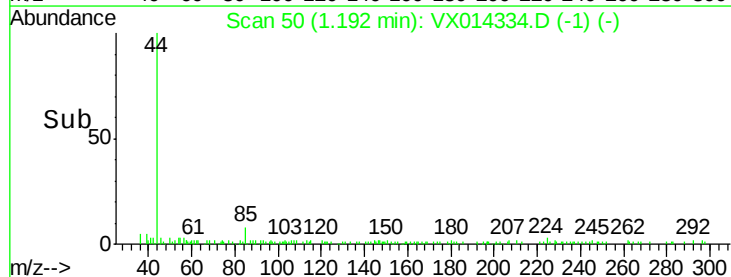
400

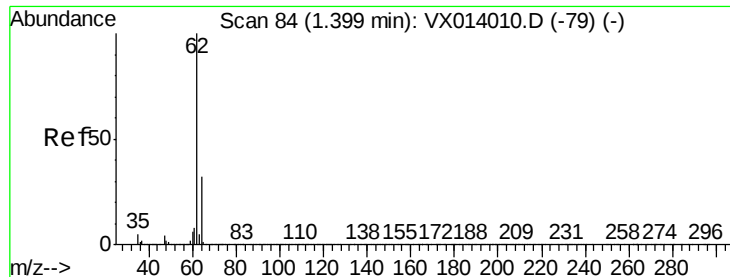
200

0

1.15 1.20 1.25

Time-->





#4

Vinyl Chloride

Concen: 0.202 ug/l

RT: 1.41 min Scan# 85

Delta R.T. 0.01 min

Lab File: VX014334.D

Acq: 28 Dec 2019 02:13

Instrument :

MSVOA_X

ClientSampleId :

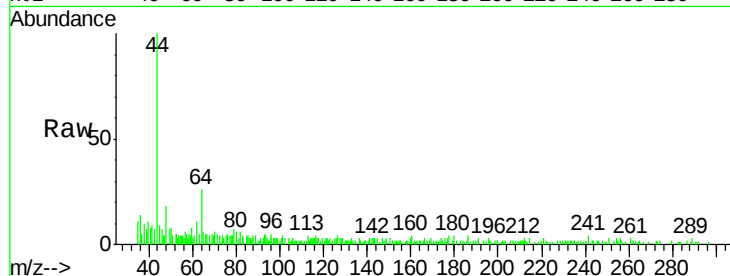
PB125747TB

Tgt Ion: 62 Resp: 1385

Ion Ratio Lower Upper

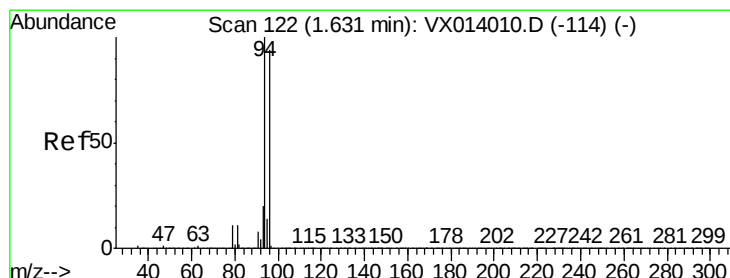
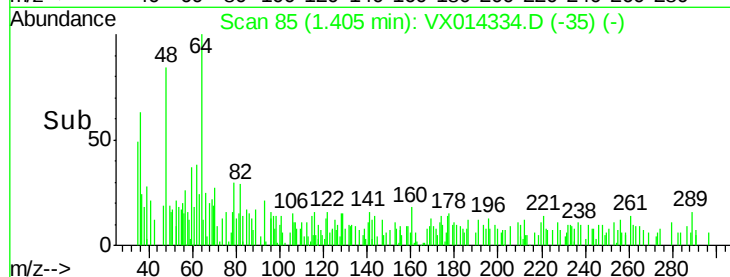
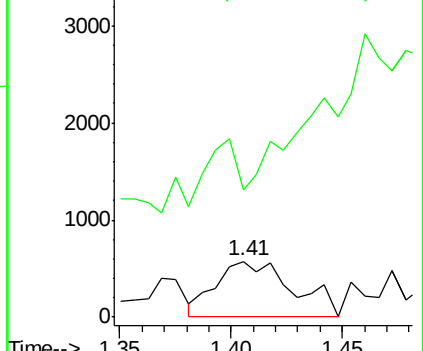
62 100

64 30.4 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



#5

Bromomethane

Concen: 0.787 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.01 min

Lab File: VX014334.D

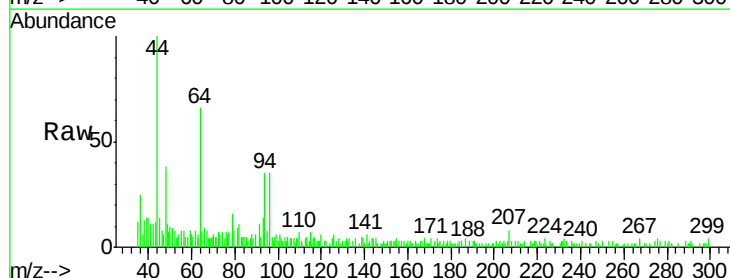
Acq: 28 Dec 2019 02:13

Tgt Ion: 94 Resp: 3835

Ion Ratio Lower Upper

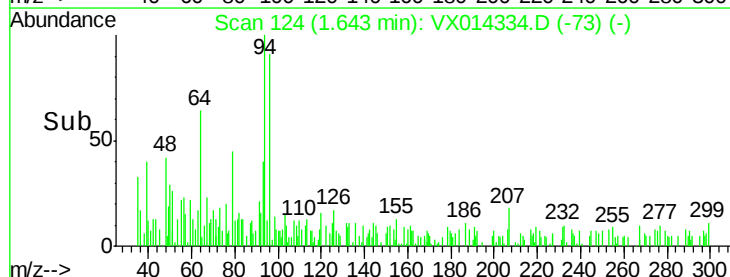
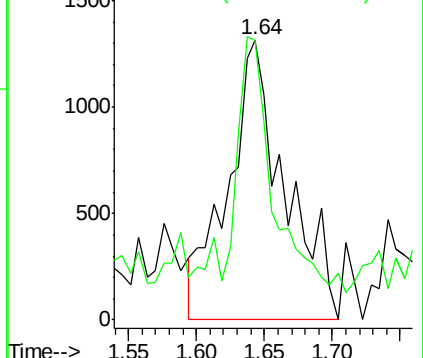
94 100

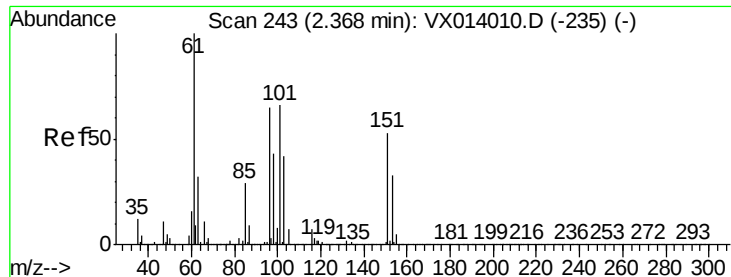
96 97.3 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.230 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.01 min

Lab File: VX014334.D

Acq: 28 Dec 2019 02:13

Instrument :

MSVOA_X

ClientSampleId :

PB125747TB

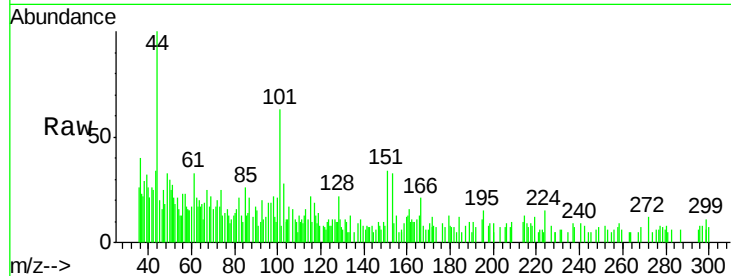
Tgt Ion:101 Resp: 1179

Ion Ratio Lower Upper

101 100

85 39.8 33.7 50.5

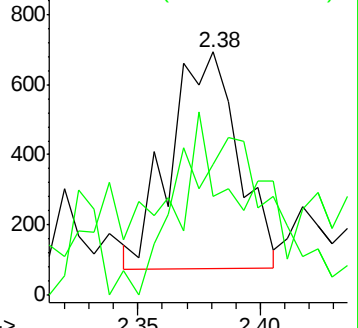
151 109.3 64.5 96.7#



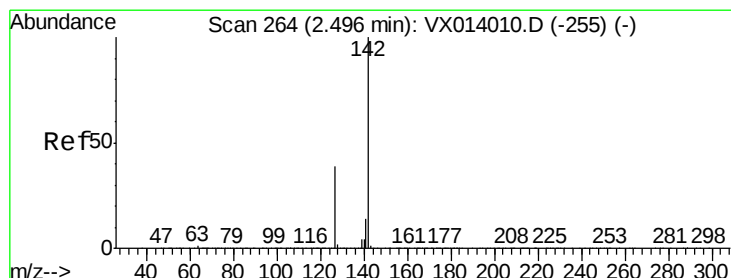
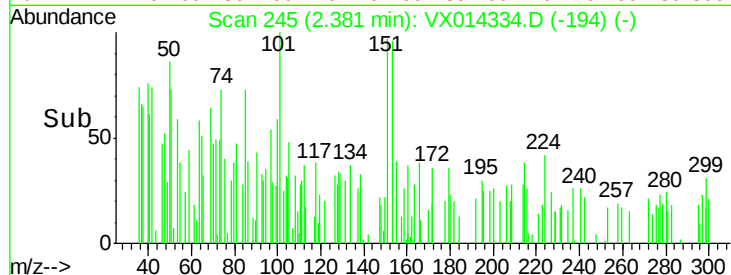
Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



Time-->



#10

Methyl Iodide

Concen: 3.097 ug/l

RT: 2.51 min Scan# 267

Delta R.T. 0.02 min

Lab File: VX014334.D

Acq: 28 Dec 2019 02:13

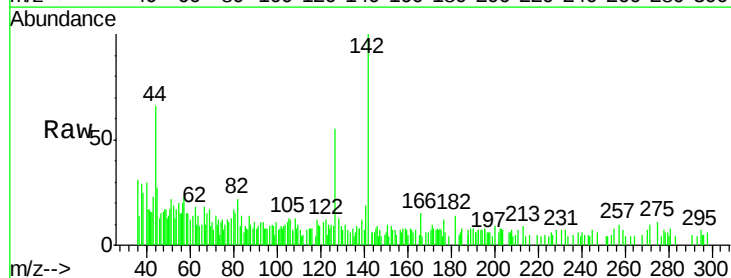
Tgt Ion:142 Resp: 3395

Ion Ratio Lower Upper

142 100

127 44.0 31.6 47.4

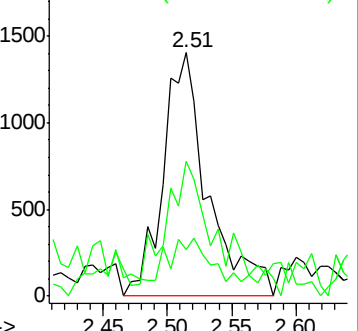
141 16.4 11.6 17.4



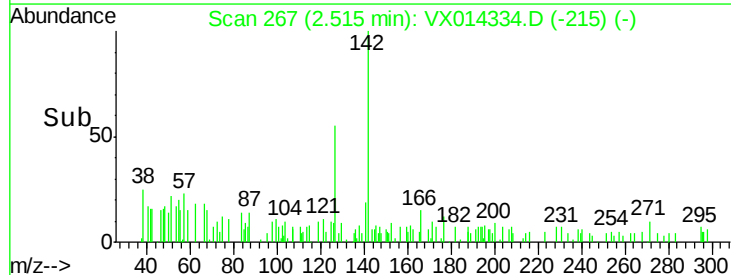
Abundance Ion 141.80 (141.50 to 142.50): V

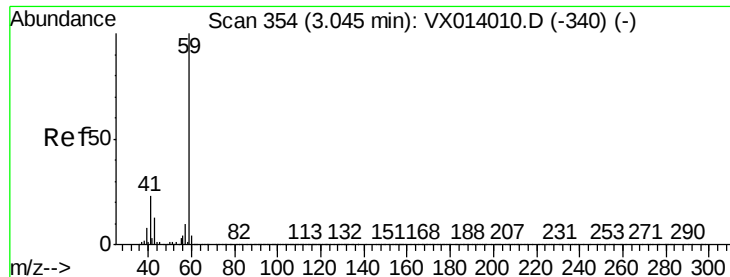
Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



Time-->





#11

Tert butyl alcohol

Concen: 0.326 ug/l

RT: 3.07 min Scan# 358

Delta R.T. 0.02 min

Lab File: VX014334.D

Acq: 28 Dec 2019 02:13

Instrument :

MSVOA_X

ClientSampled :

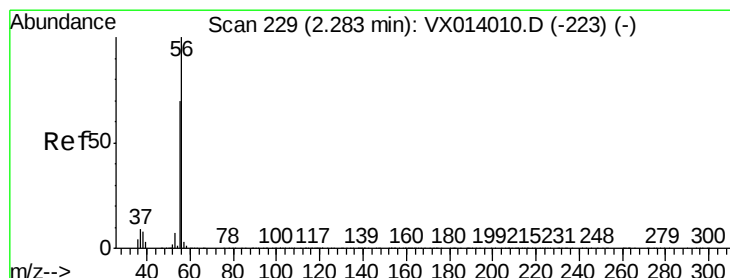
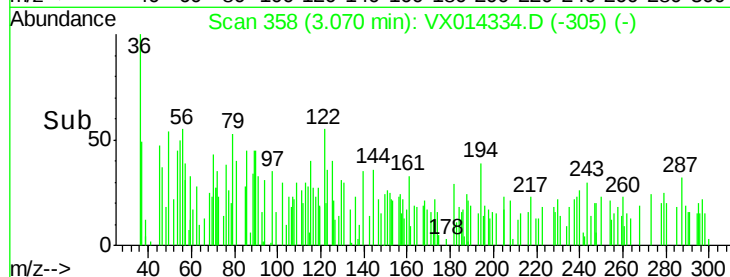
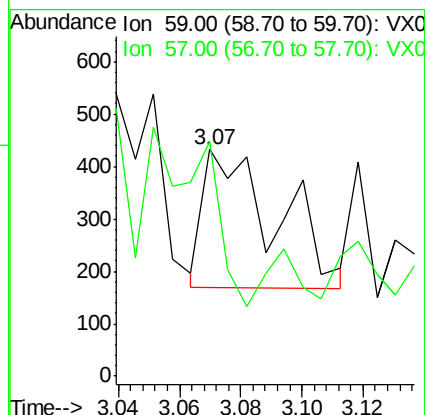
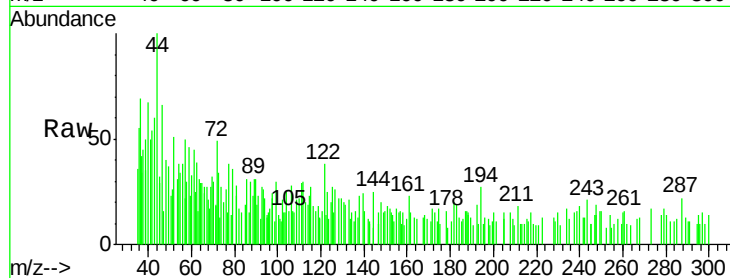
PB125747TB

Tgt Ion: 59 Resp: 433

Ion Ratio Lower Upper

59 100

57 0.0 8.4 12.6#



#13

Acrolein

Concen: 0.508 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014334.D

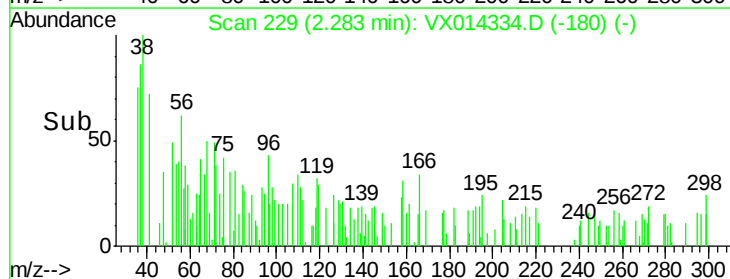
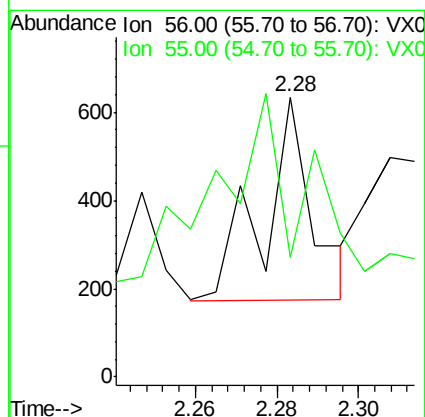
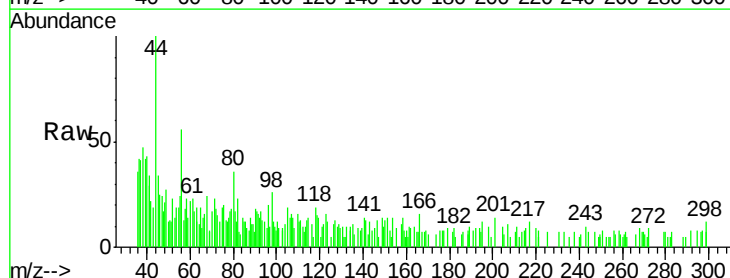
Acq: 28 Dec 2019 02:13

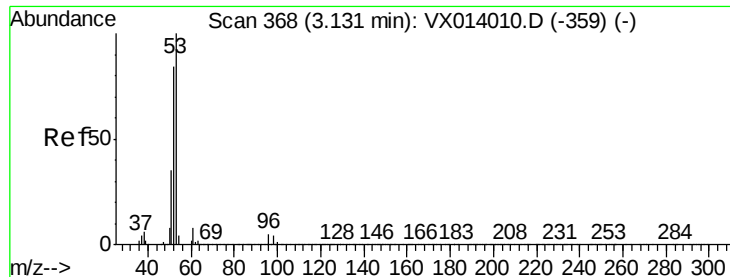
Tgt Ion: 56 Resp: 386

Ion Ratio Lower Upper

56 100

55 179.0 56.9 85.3#





#15

Acrylonitrile

Concen: 0.283 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014334.D

Acq: 28 Dec 2019 02:13

Instrument :

MSVOA_X

ClientSampleId :

PB125747TB

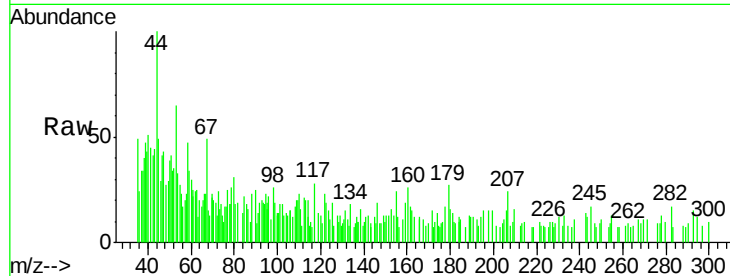
Tgt Ion: 53 Resp: 875

Ion Ratio Lower Upper

53 100

52 31.0 66.5 99.7#

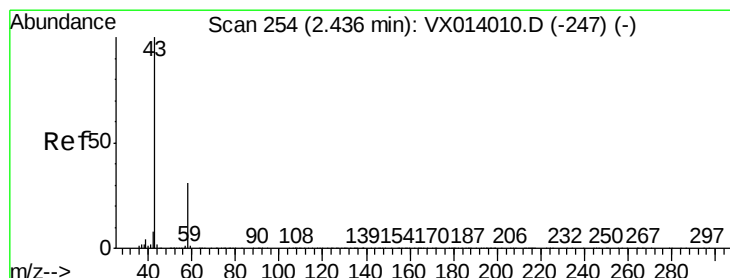
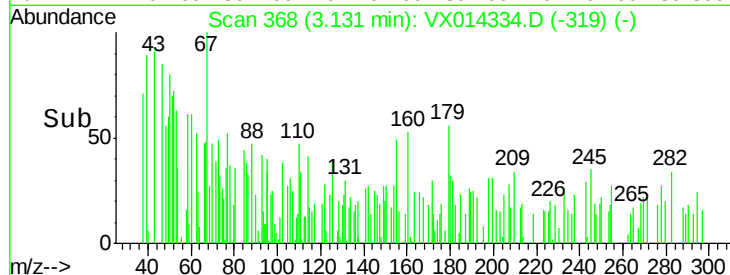
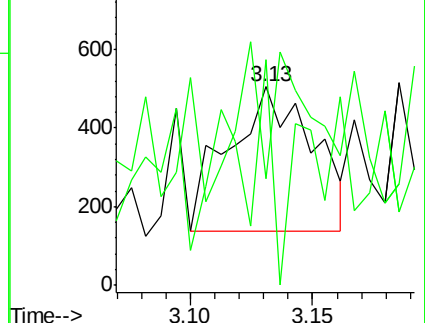
51 35.9 28.1 42.1



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: 4.393 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX014334.D

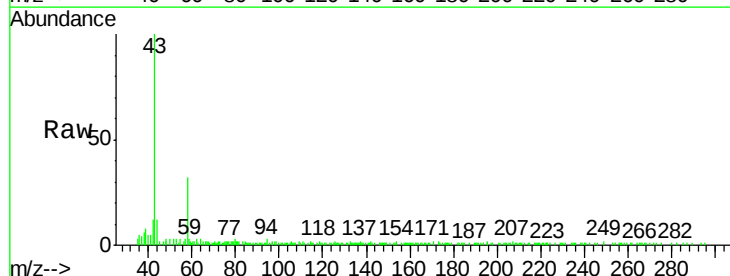
Acq: 28 Dec 2019 02:13

Tgt Ion: 43 Resp: 17512

Ion Ratio Lower Upper

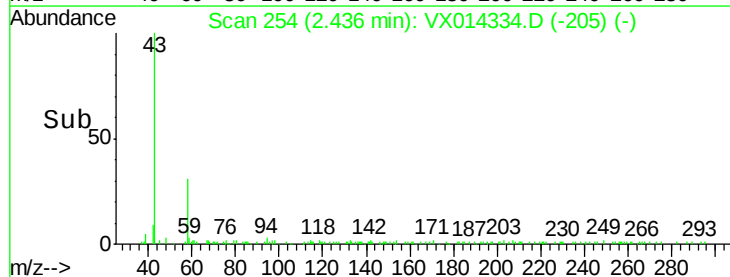
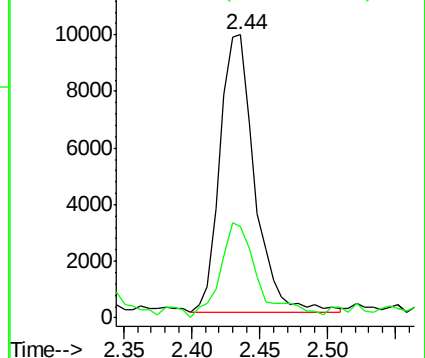
43 100

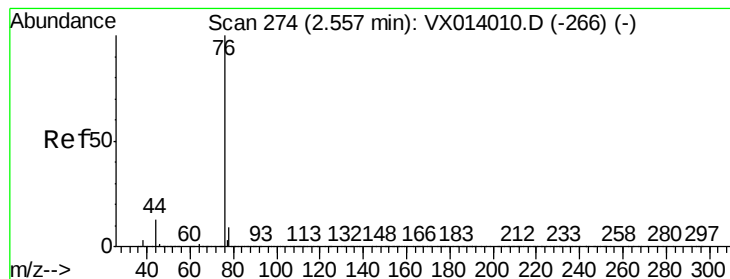
58 30.5 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 1.059 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014334.D

Acq: 28 Dec 2019 02:13

Instrument :

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ClientSampleId :

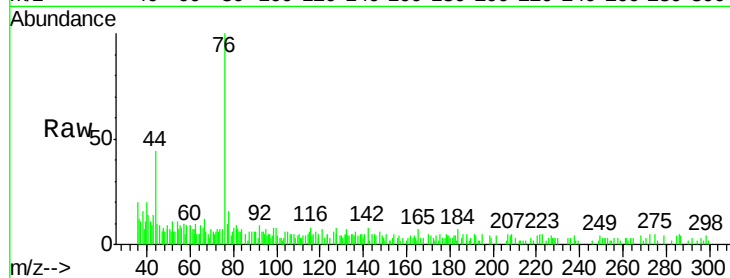
PB125747TB

Tgt Ion: 76 Resp: 4537

Ion Ratio Lower Upper

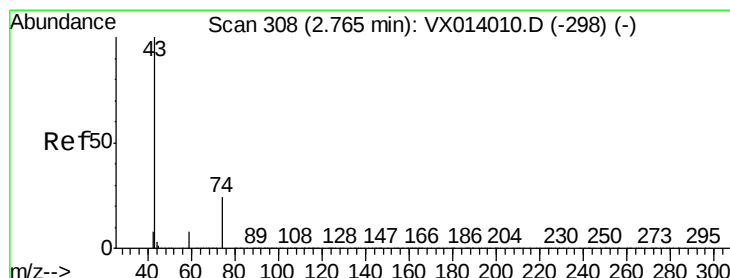
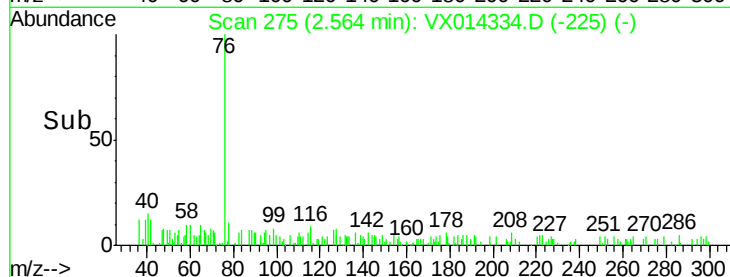
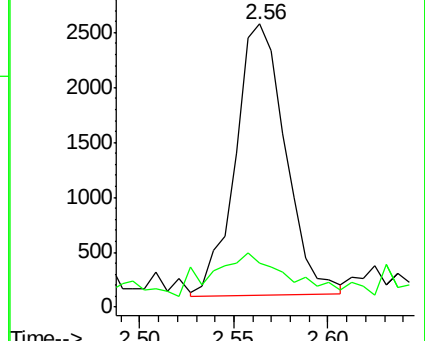
76 100

78 10.0 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 0.785 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX014334.D

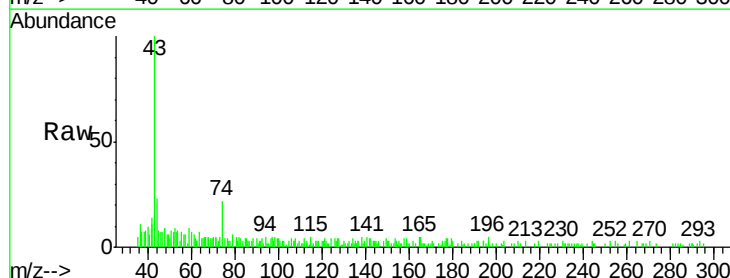
Acq: 28 Dec 2019 02:13

Tgt Ion: 43 Resp: 6199

Ion Ratio Lower Upper

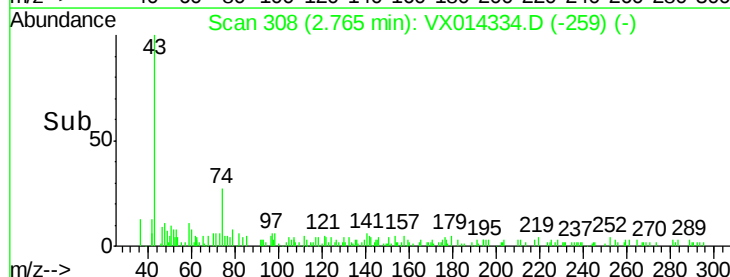
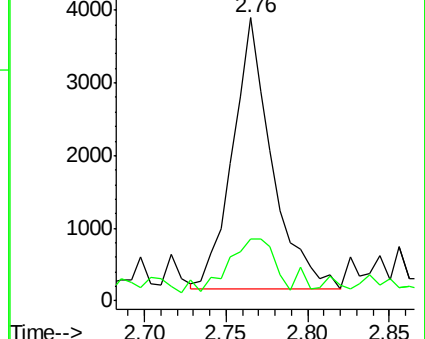
43 100

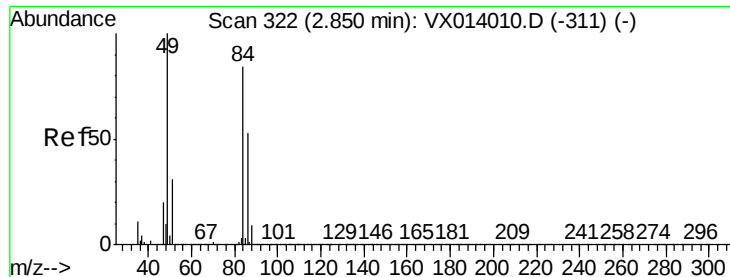
74 23.8 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

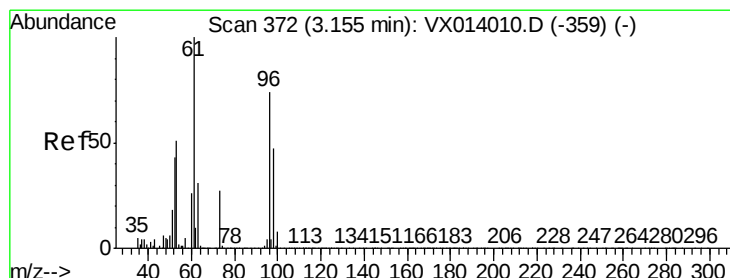
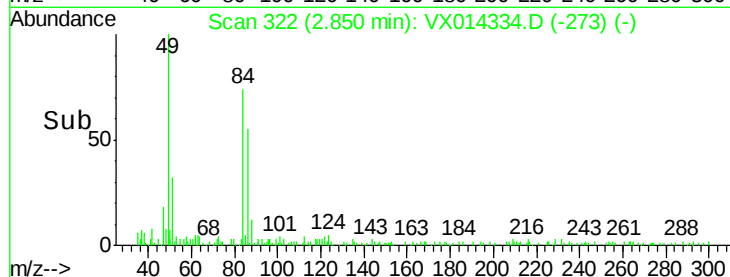
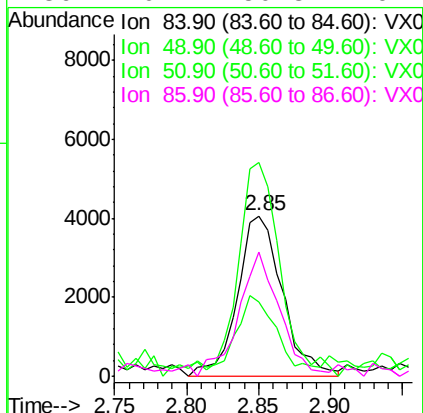
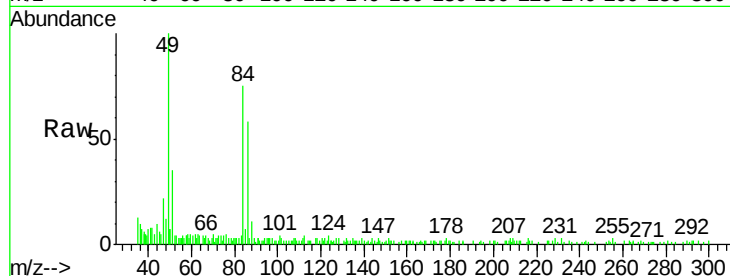




#20
Methylene Chloride
Concen: 1.393 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014334.D
Acq: 28 Dec 2019 02:13

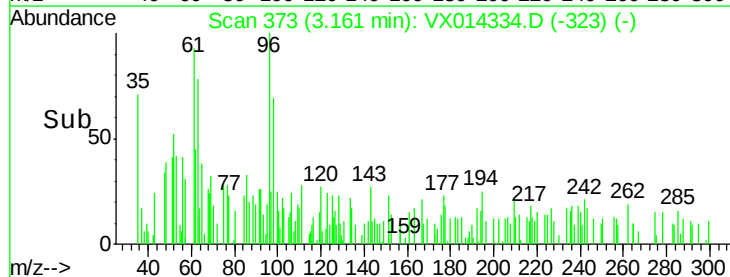
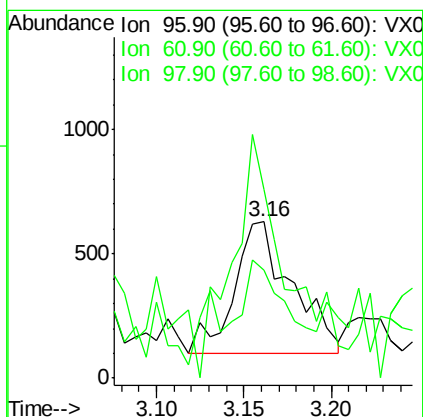
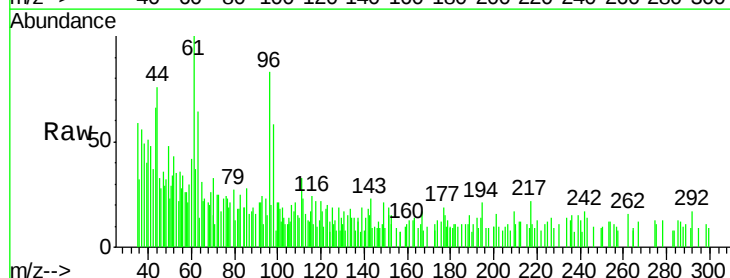
Instrument :
MSVOA_X
ClientSampleId :
PB125747TB

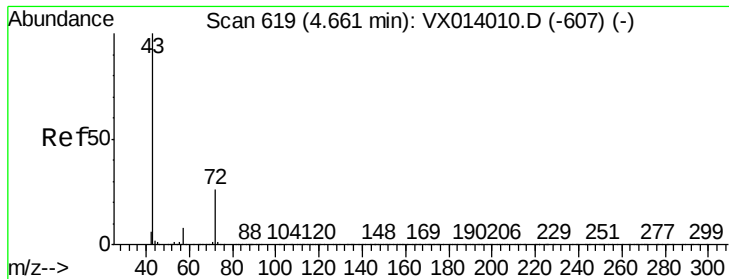
Tgt Ion:	84	Resp:	8744
Ion	Ratio	Lower	Upper
84	100		
49	127.1	95.8	143.6
51	41.2	29.8	44.8
86	70.2	50.8	76.2



#21
trans-1,2-Dichloroethene
Concen: 0.213 ug/l
RT: 3.16 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX014334.D
Acq: 28 Dec 2019 02:13

Tgt Ion:	96	Resp:	1224
Ion	Ratio	Lower	Upper
96	100		
61	130.4	108.3	162.5
98	79.3	50.8	76.2





#25

2-Butanone

Concen: 1.009 ug/l

RT: 4.68 min Scan# 622

Delta R.T. 0.02 min

Lab File: VX014334.D

Acq: 28 Dec 2019 02:13

Instrument :

MSVOA_X

ClientSampled :

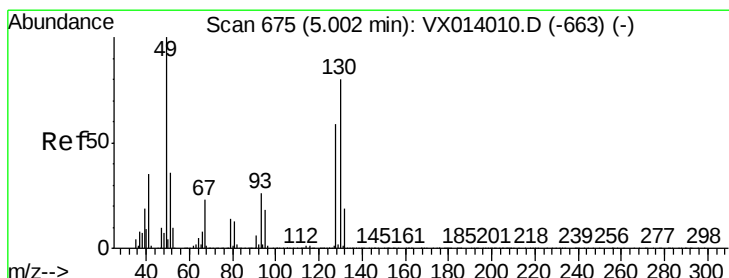
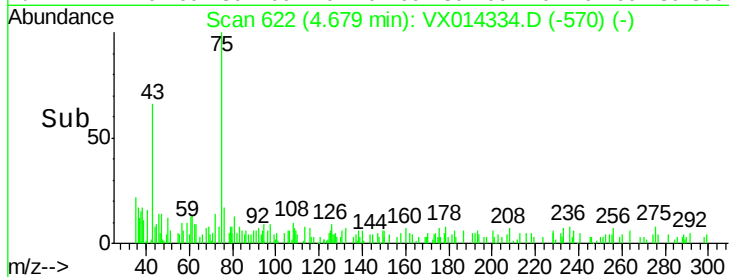
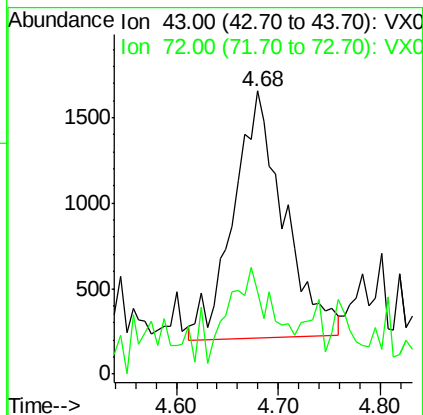
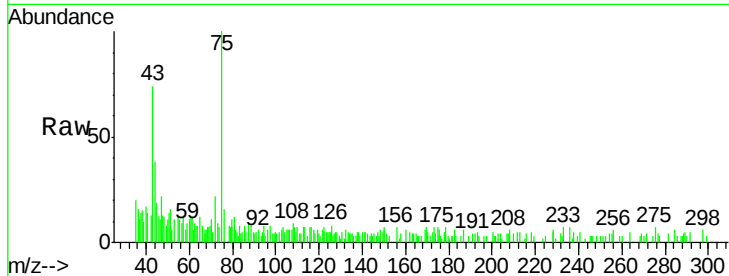
PB125747TB

Tgt Ion: 43 Resp: 4957

Ion Ratio Lower Upper

43 100

72 15.0 21.0 31.4#



#28

Bromochloromethane

Concen: 0.629 ug/l

RT: 5.00 min Scan# 675

Delta R.T. 0.00 min

Lab File: VX014334.D

Acq: 28 Dec 2019 02:13

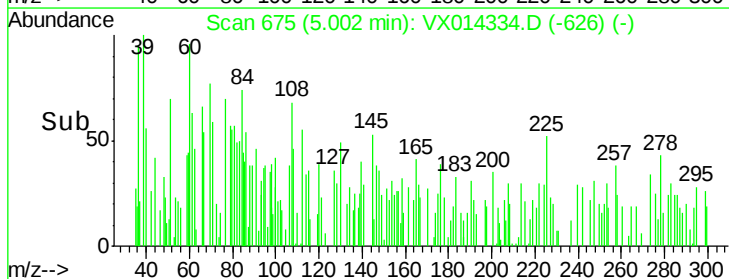
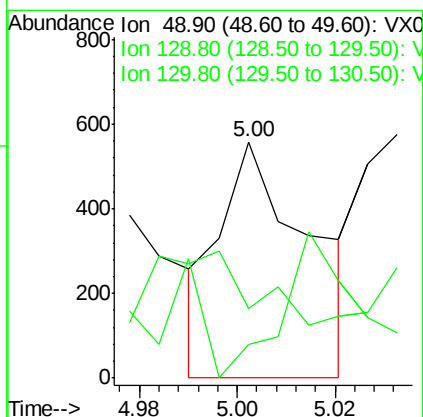
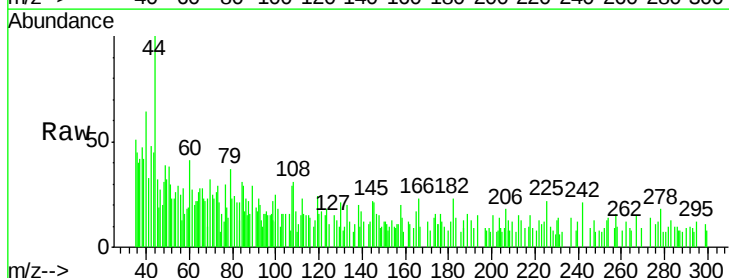
Tgt Ion: 49 Resp: 703

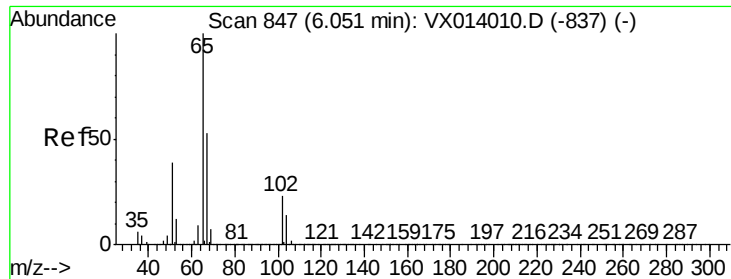
Ion Ratio Lower Upper

49 100

129 0.0 0.0 5.0

130 77.8 64.6 97.0





#33

1,2-Dichloroethane-d4

Concen: 47.847 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014334.D

Acq: 28 Dec 2019 02:13

Instrument :

MSVOA_X

ClientSampleId :

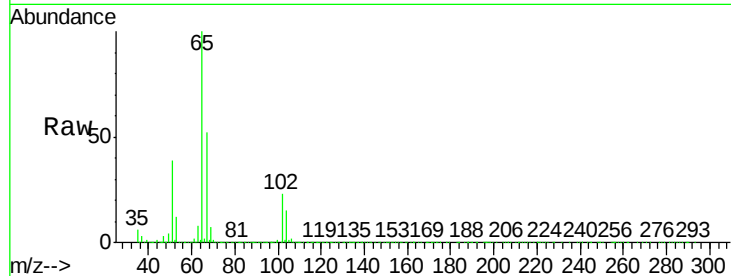
PB125747TB

Tgt Ion: 65 Resp: 293807

Ion Ratio Lower Upper

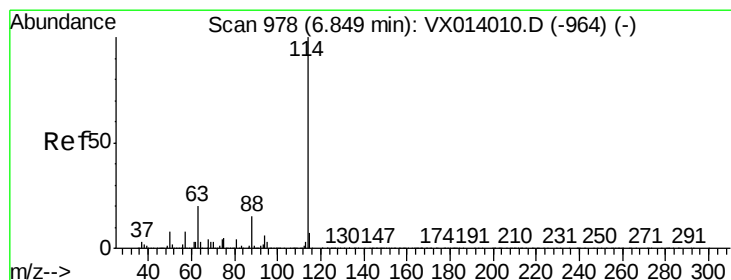
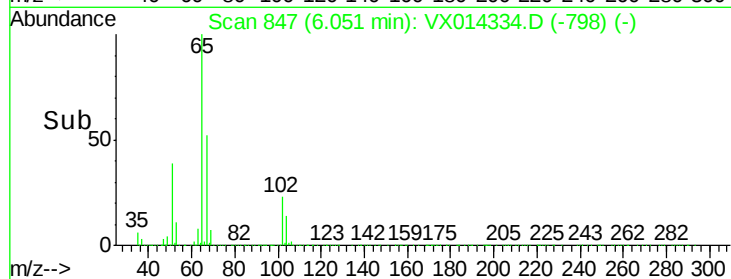
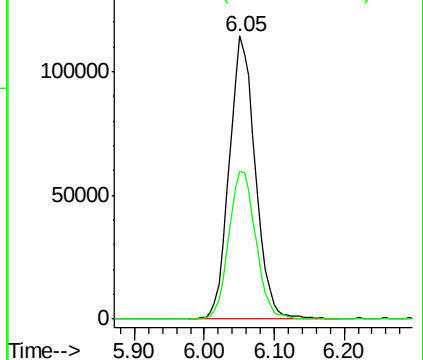
65 100

67 53.9 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014334.D

Acq: 28 Dec 2019 02:13

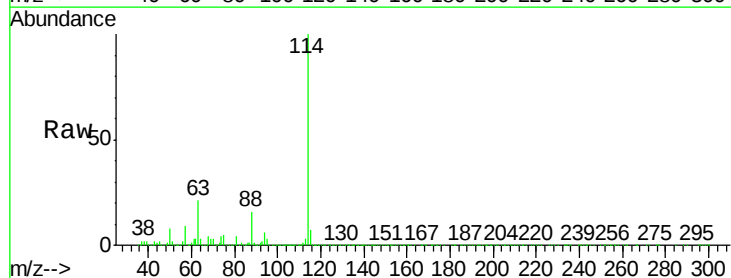
Tgt Ion: 114 Resp: 836368

Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.8

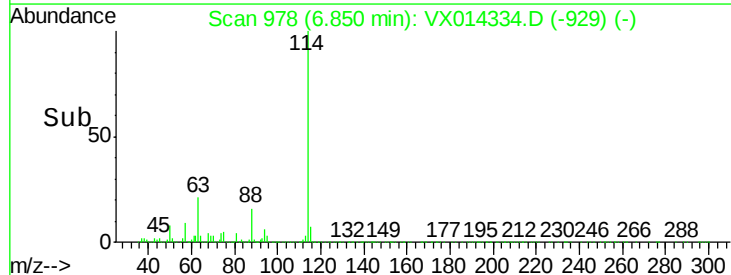
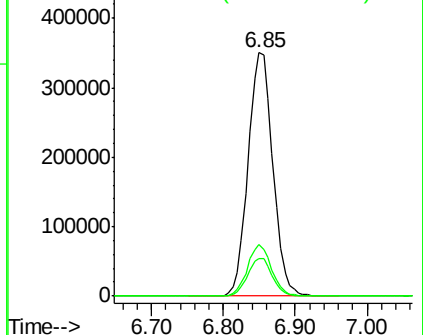
88 15.6 0.0 30.4

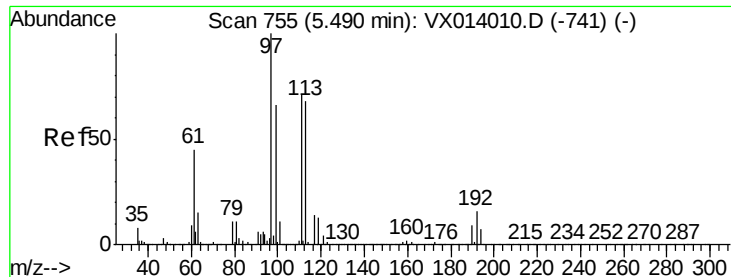


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

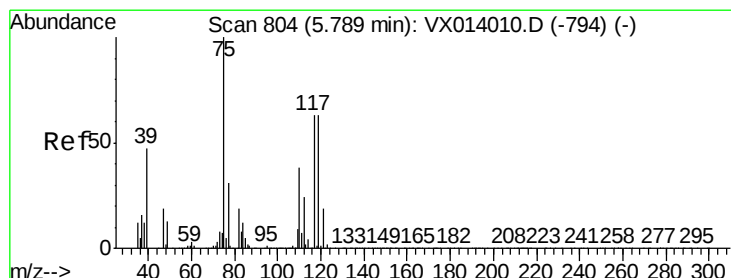
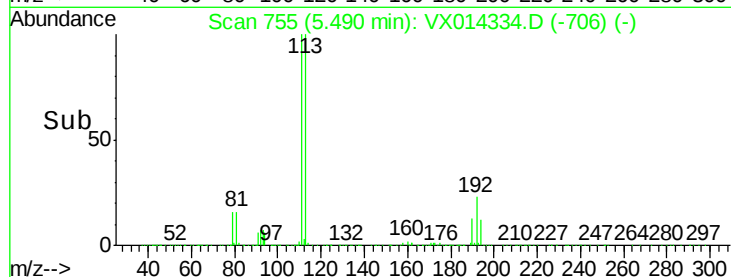
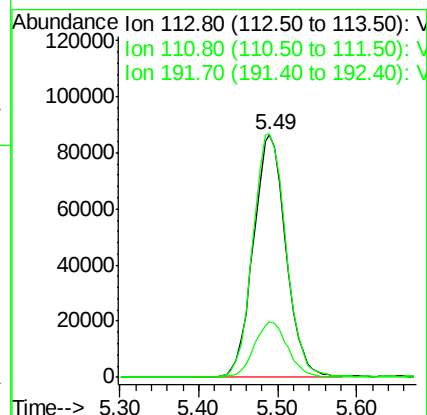
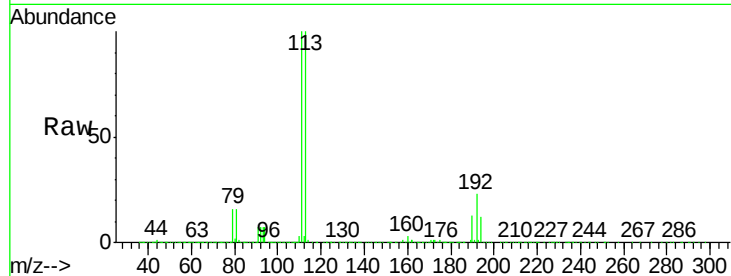




#35
 Dibromofluoromethane
 Concen: 48.470 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX014334.D
 Acq: 28 Dec 2019 02:13

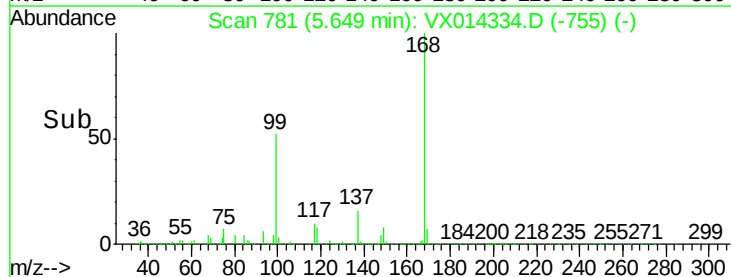
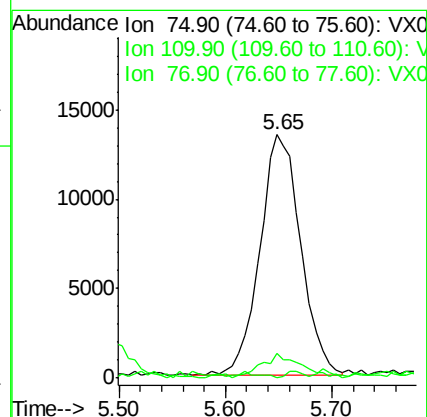
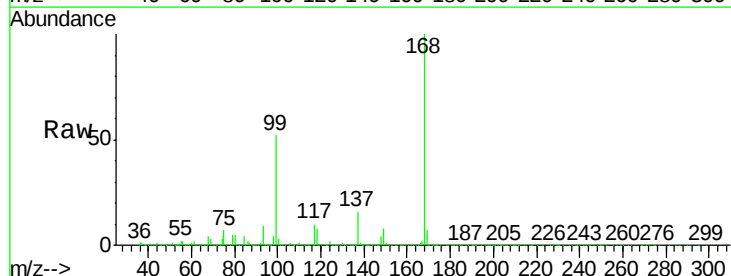
Instrument :
 MSVOA_X
 ClientSampleId :
 PB125747TB

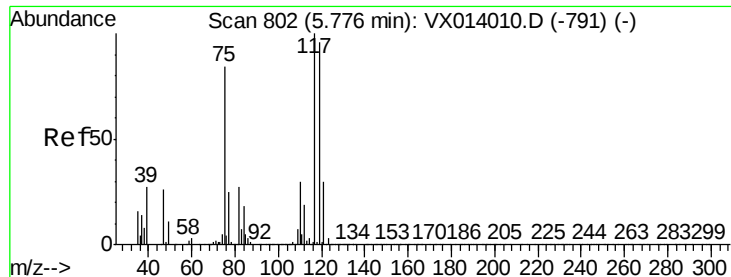
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.0	123.0
192	23.6	19.3	28.9



#36
 1,1-Dichloropropene
 Concen: 4.669 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.14 min
 Lab File: VX014334.D
 Acq: 28 Dec 2019 02:13

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.9	18.3	54.9#
77	1.2	24.8	37.2#





#38

Carbon Tetrachloride

Concen: 6.883 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.12 min

Lab File: VX014334.D

Acq: 28 Dec 2019 02:13

Instrument :

MSVOA_X

ClientSampleId :

PB125747TB

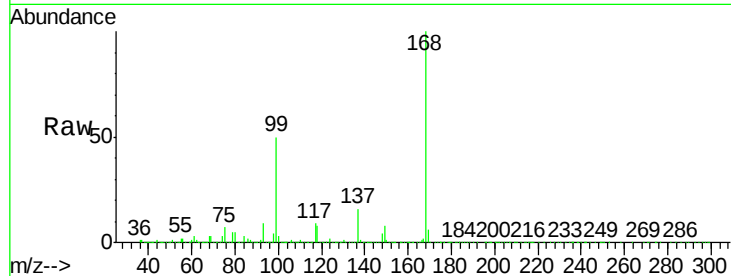
Tgt Ion:117 Resp: 48120

Ion Ratio Lower Upper

117 100

119 4.6 76.2 114.4#

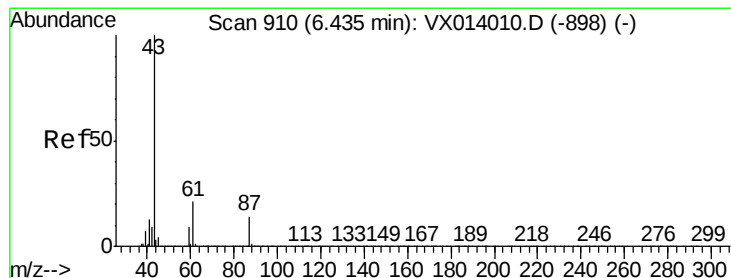
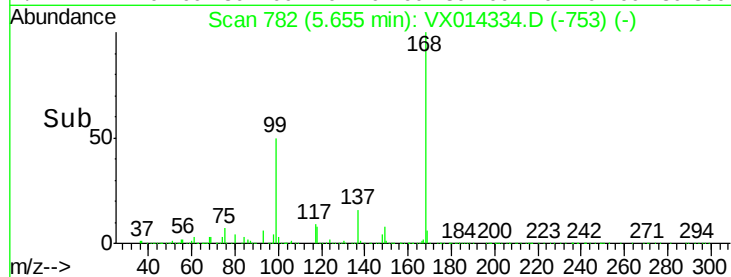
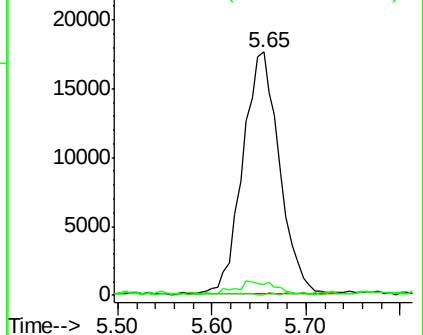
121 0.0 23.6 35.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 9.258 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX014334.D

Acq: 28 Dec 2019 02:13

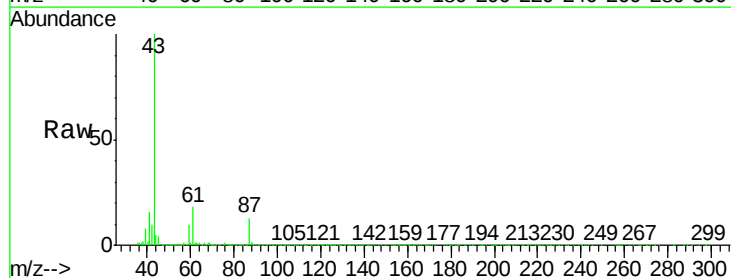
Tgt Ion: 43 Resp: 129836

Ion Ratio Lower Upper

43 100

61 19.8 16.4 24.6

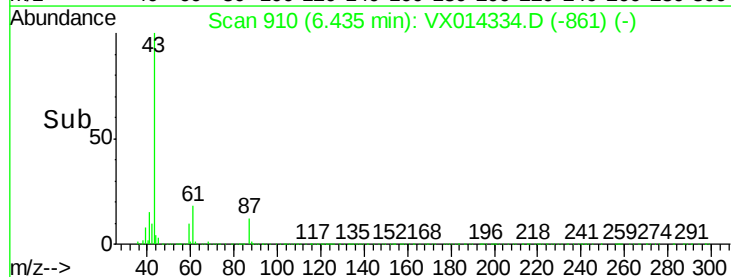
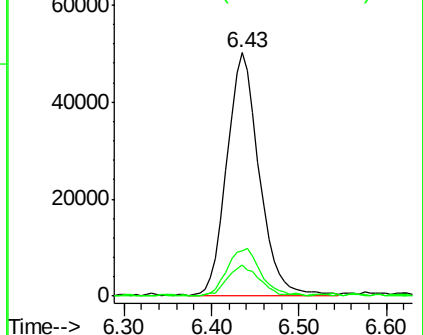
87 12.1 10.7 16.1

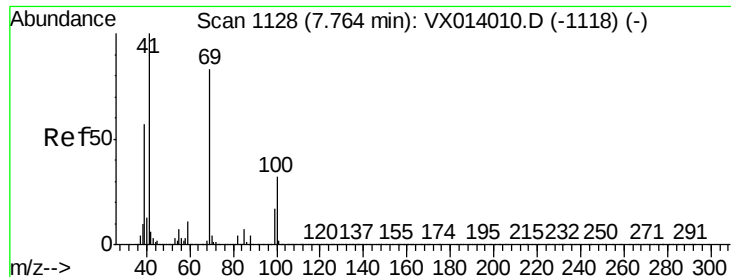


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

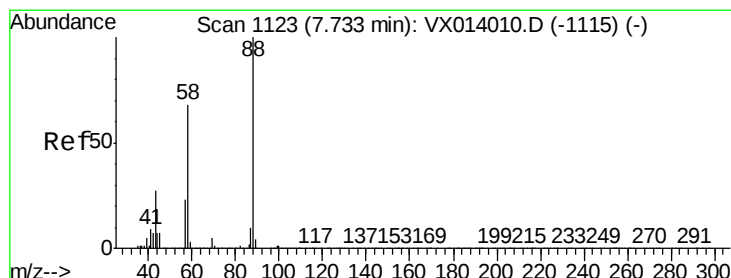
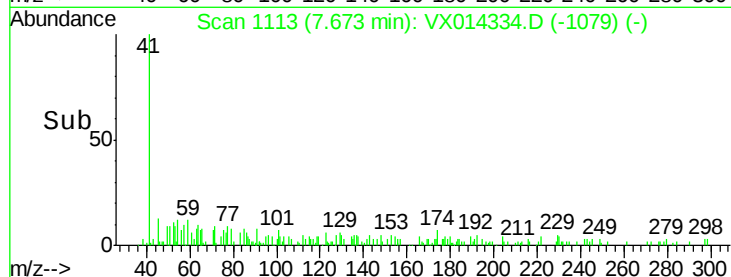
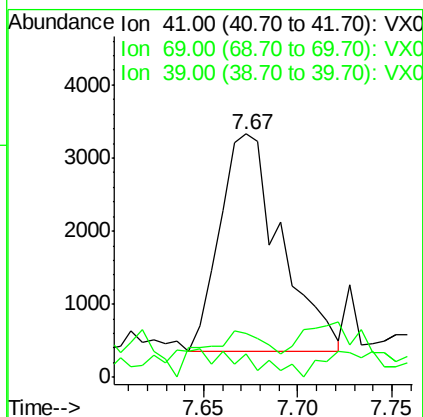
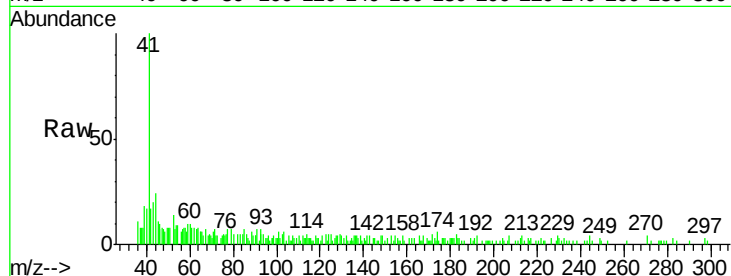




#48
Methyl methacrylate
Concen: 0.964 ug/l
RT: 7.67 min Scan# 1113
Delta R.T. -0.09 min
Lab File: VX014334.D
Acq: 28 Dec 2019 02:13

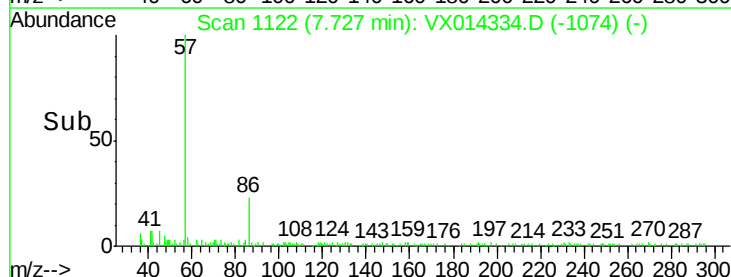
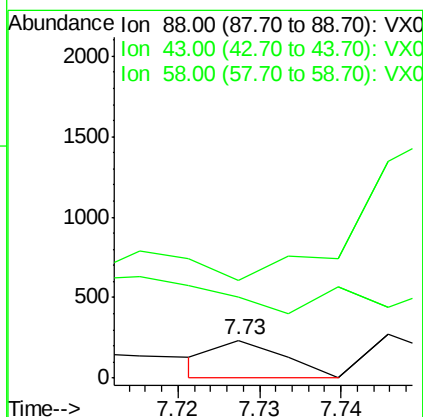
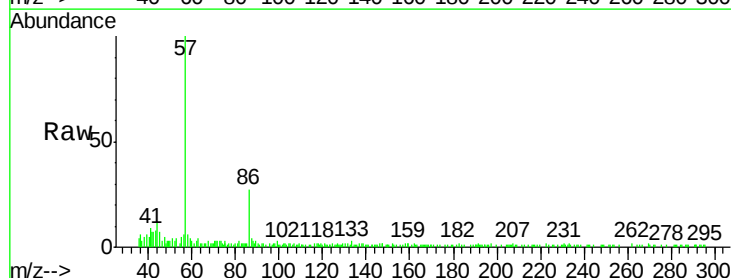
Instrument :
MSVOA_X
ClientSampleId :
PB125747TB

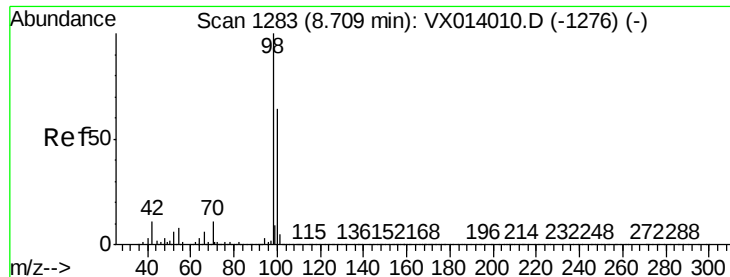
Tgt Ion: 41 Resp: 6623
Ion Ratio Lower Upper
41 100
69 0.0 65.8 98.6#
39 0.0 44.6 67.0#



#49
1,4-Dioxane
Concen: 0.959 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX014334.D
Acq: 28 Dec 2019 02:13

Tgt Ion: 88 Resp: 134
Ion Ratio Lower Upper
88 100
43 0.0 26.5 39.7#
58 654.5 56.8 85.2#





#50

Toluene-d8

Concen: 50.759 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014334.D

Acq: 28 Dec 2019 02:13

Instrument :

MSVOA_X

ClientSampleId :

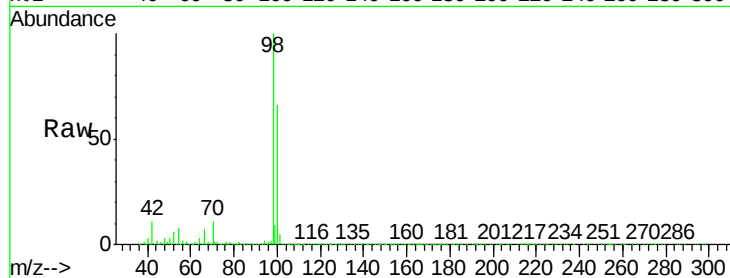
PB125747TB

Tgt Ion: 98 Resp: 1004715

Ion Ratio Lower Upper

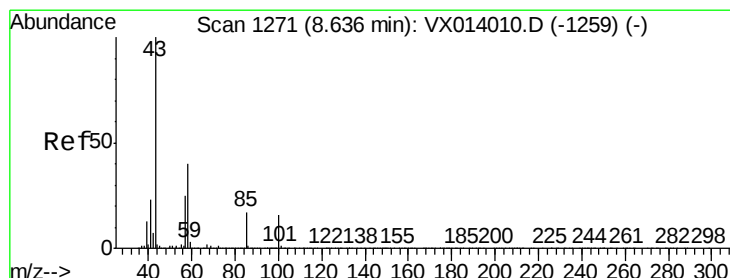
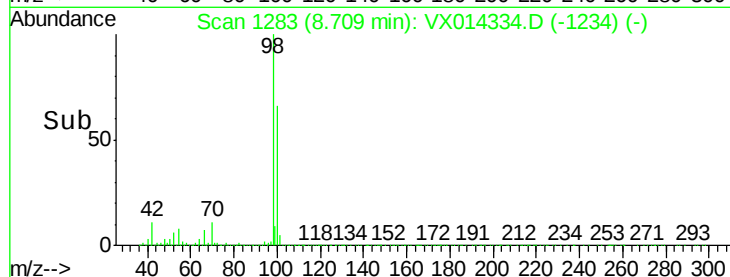
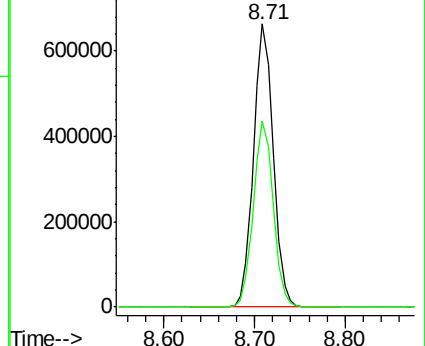
98 100

100 65.8 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#51

4-Methyl-2-Pentanone

Concen: 13.645 ug/l

RT: 8.61 min Scan# 1266

Delta R.T. -0.03 min

Lab File: VX014334.D

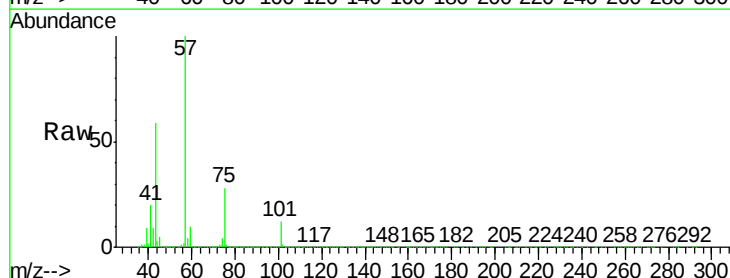
Acq: 28 Dec 2019 02:13

Tgt Ion: 43 Resp: 120184

Ion Ratio Lower Upper

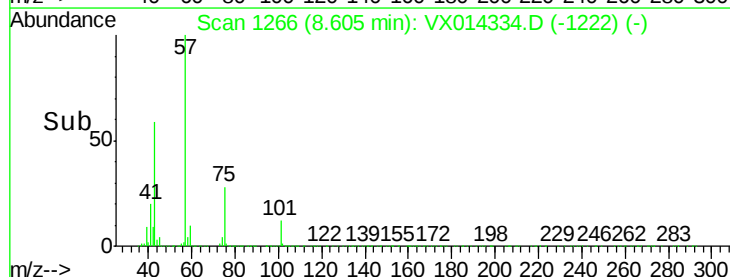
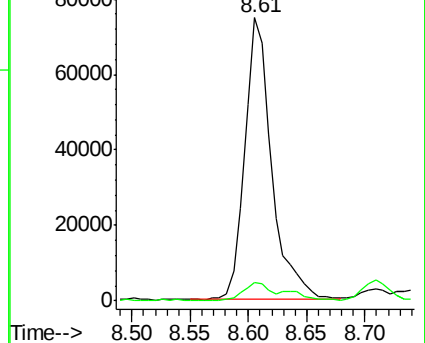
43 100

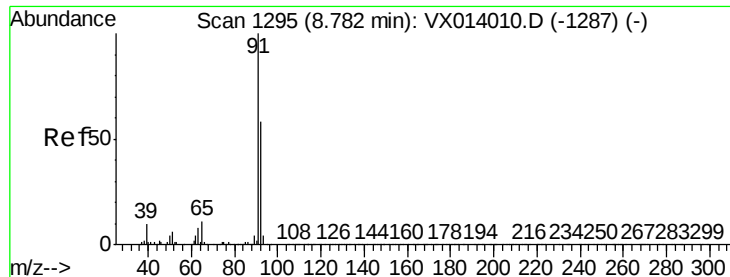
58 6.0 32.2 48.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#52

Toluene

Concen: 0.275 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014334.D

Acq: 28 Dec 2019 02:13

Instrument :

MSVOA_X

ClientSampleId :

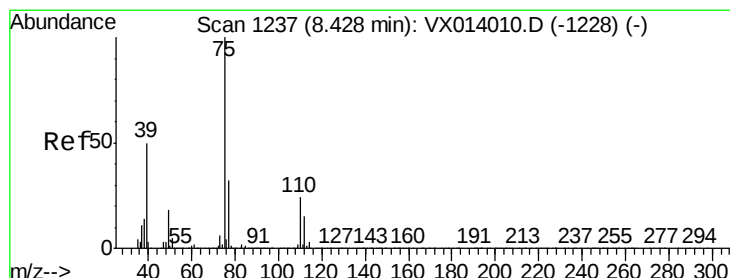
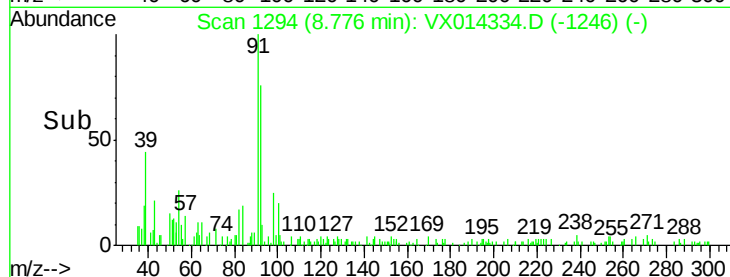
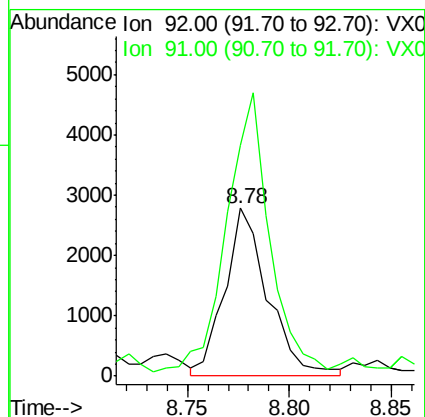
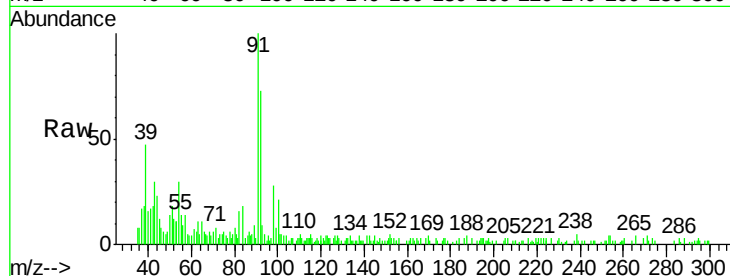
PB125747TB

Tgt Ion: 92 Resp: 4111

Ion Ratio Lower Upper

92 100

91 161.8 136.2 204.4



#54

cis-1,3-Dichloropropene

Concen: 6.085 ug/l

RT: 8.61 min Scan# 1267

Delta R.T. 0.18 min

Lab File: VX014334.D

Acq: 28 Dec 2019 02:13

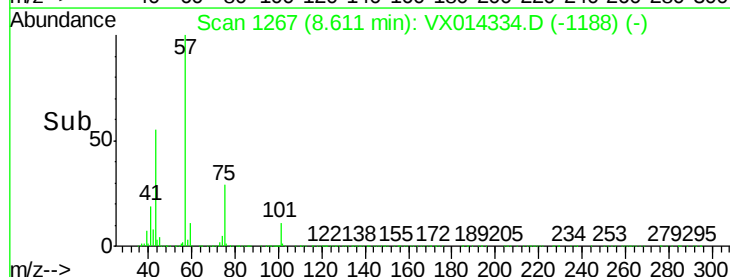
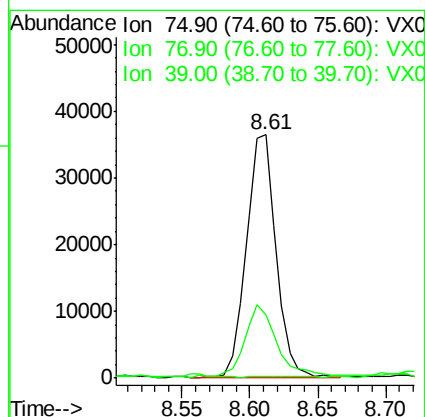
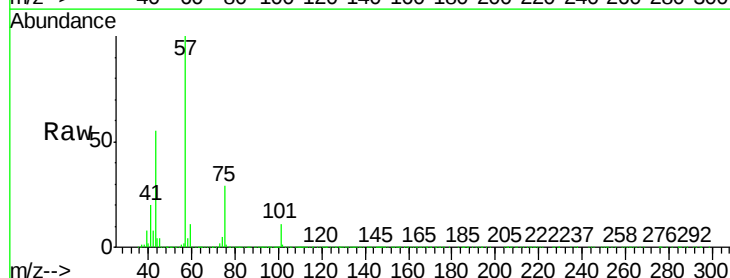
Tgt Ion: 75 Resp: 56013

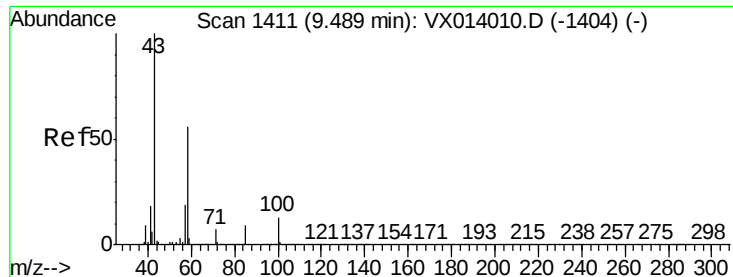
Ion Ratio Lower Upper

75 100

77 0.3 25.3 37.9#

39 25.0 39.9 59.9#

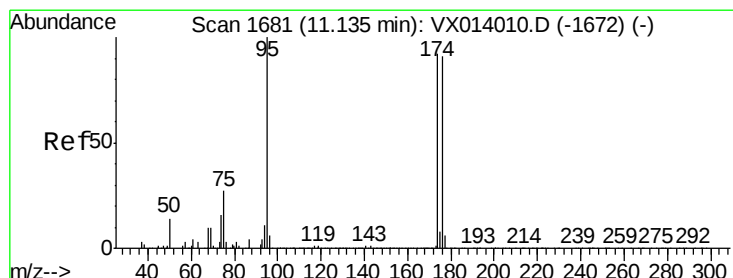
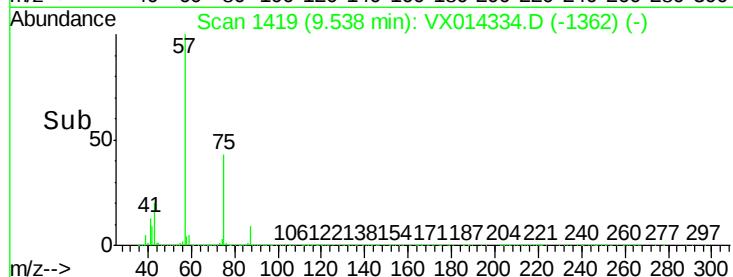
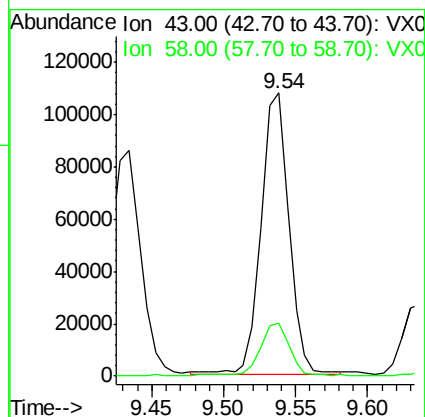
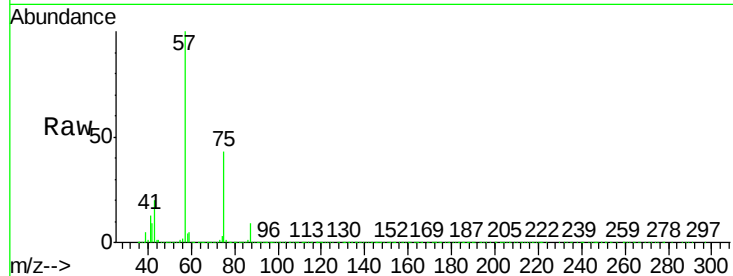




#59
2-Hexanone
Concen: 20.407 ug/l
RT: 9.54 min Scan# 1419
Delta R.T. 0.05 min
Lab File: VX014334.D
Acq: 28 Dec 2019 02:13

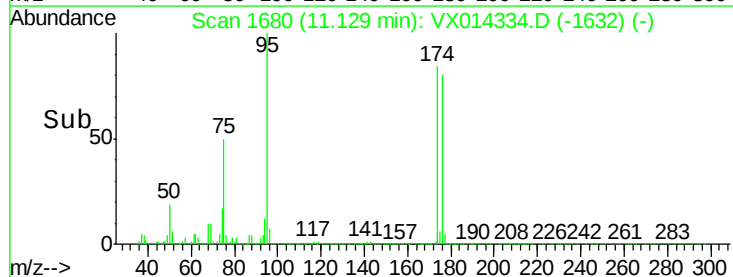
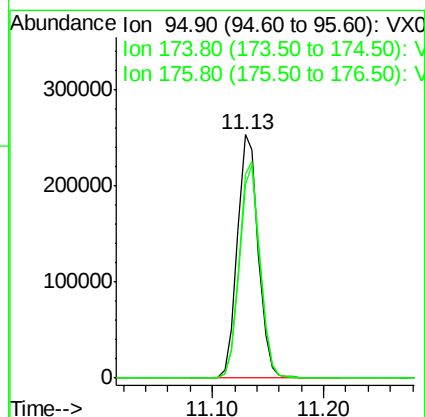
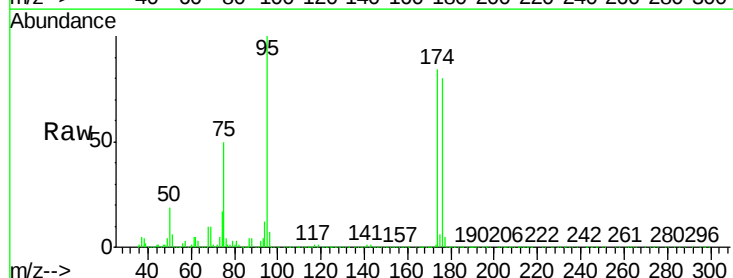
Instrument :
MSVOA_X
ClientSampleId :
PB125747TB

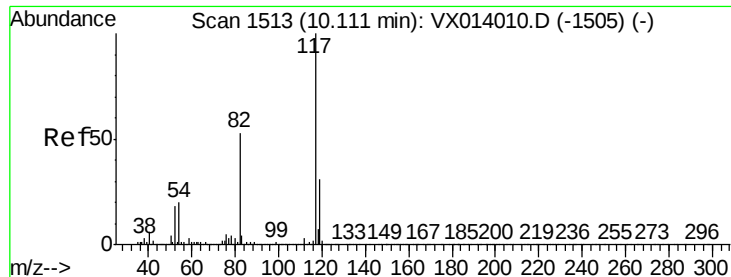
Tgt Ion: 43 Resp: 144689
Ion Ratio Lower Upper
43 100
58 18.5 28.0 84.0#



#62
4-Bromofluorobenzene
Concen: 45.233 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX014334.D
Acq: 28 Dec 2019 02:13

Tgt Ion: 95 Resp: 327289
Ion Ratio Lower Upper
95 100
174 89.1 0.0 175.8
176 85.5 0.0 173.0

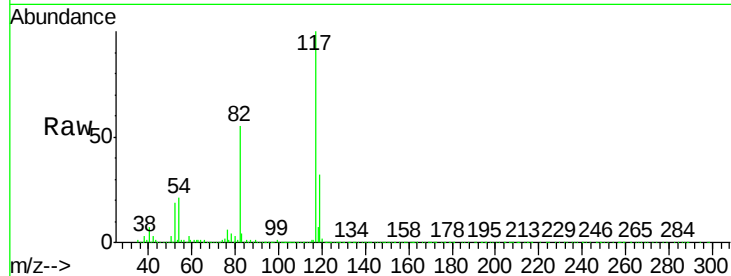




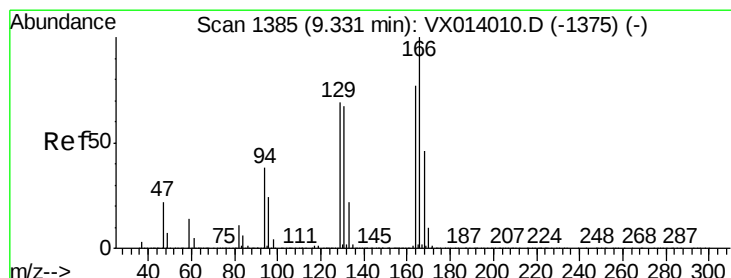
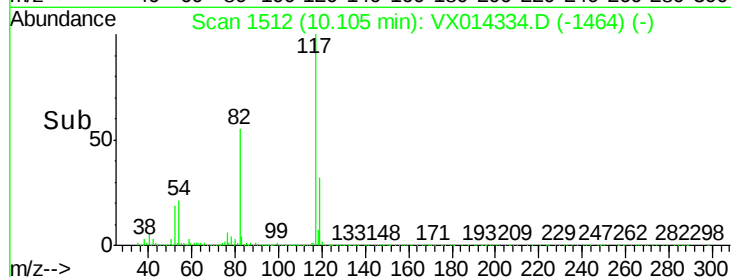
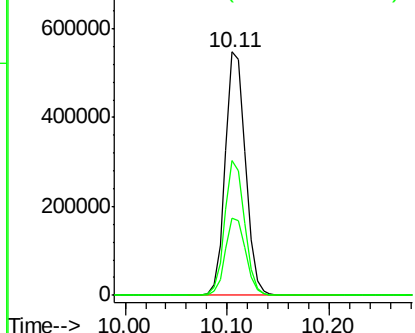
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014334.D
Acq: 28 Dec 2019 02:13

Instrument :
MSVOA_X
ClientSampleId :
PB125747TB

Tgt Ion:117 Resp: 749696
Ion Ratio Lower Upper
117 100
82 55.1 42.2 63.4
119 31.9 25.1 37.7

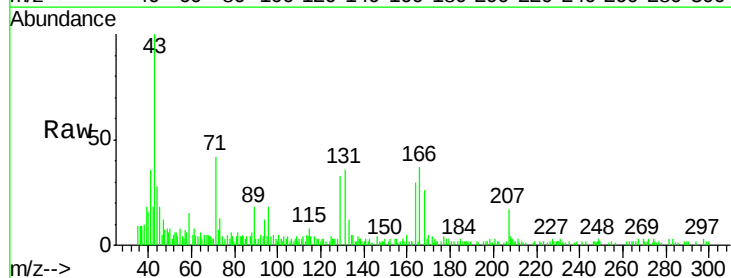


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

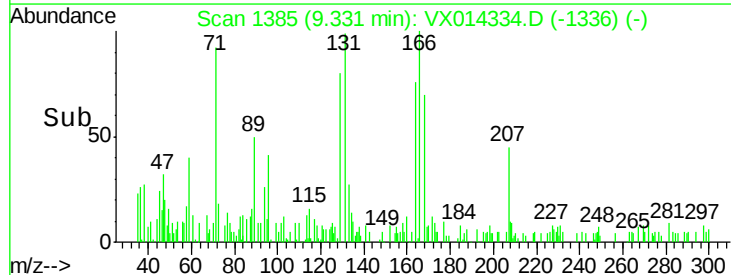
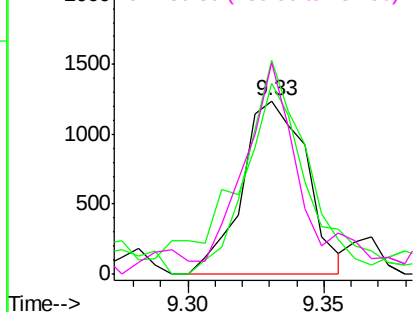


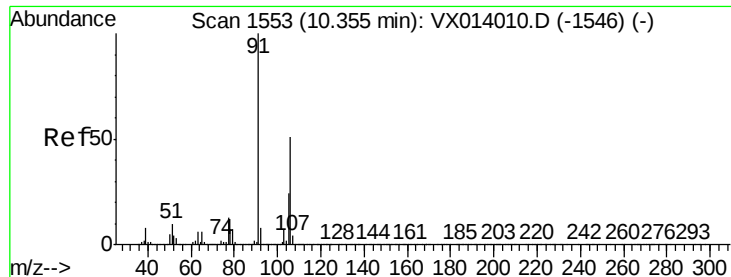
#64
Tetrachloroethene
Concen: 0.308 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014334.D
Acq: 28 Dec 2019 02:13

Tgt Ion:164 Resp: 2042
Ion Ratio Lower Upper
164 100
166 123.4 104.0 156.0
129 91.0 72.2 108.4
131 98.6 69.6 104.4



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#68

m/p-Xylenes

Concen: 0.297 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014334.D

Acq: 28 Dec 2019 02:13

Instrument :

MSVOA_X

ClientSampleId :

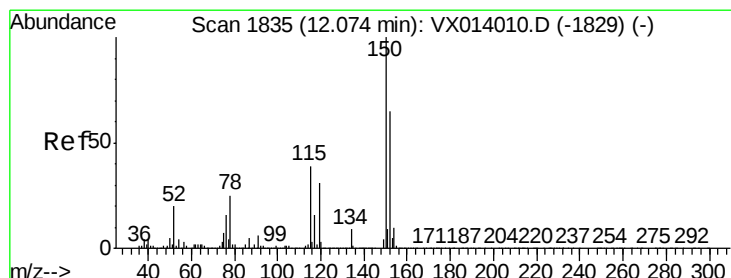
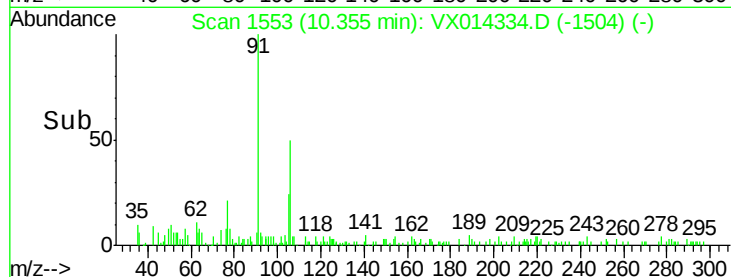
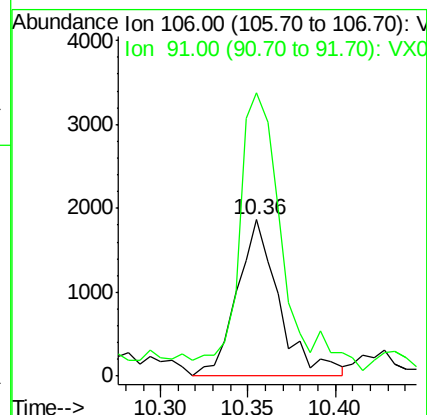
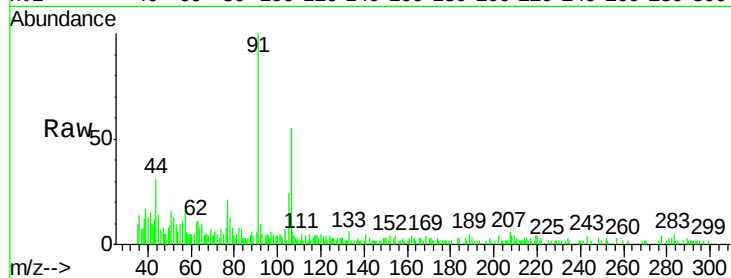
PB125747TB

Tgt Ion:106 Resp: 3134

Ion Ratio Lower Upper

106 100

91 151.7 158.6 238.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014334.D

Acq: 28 Dec 2019 02:13

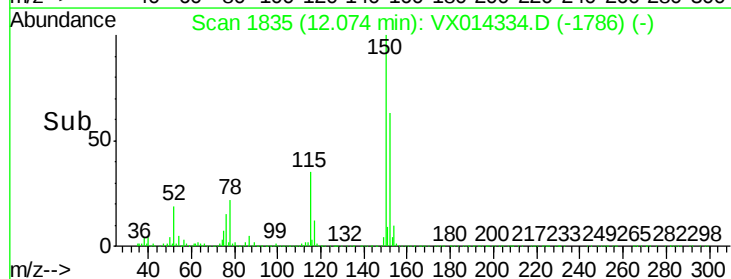
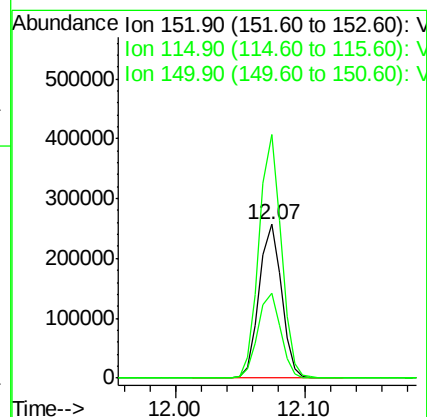
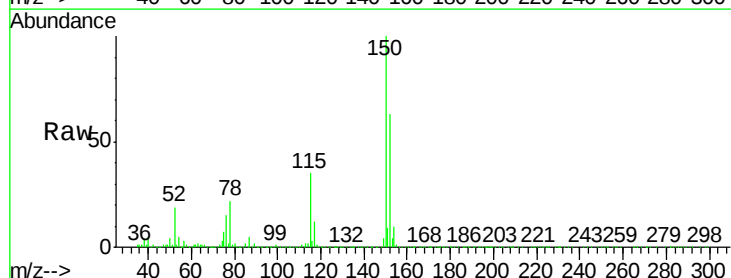
Tgt Ion:152 Resp: 307500

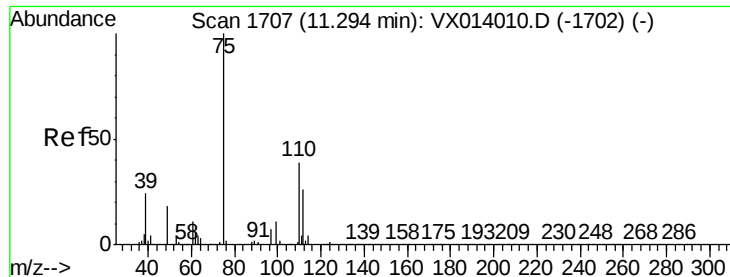
Ion Ratio Lower Upper

152 100

115 56.5 38.3 114.9

150 156.4 0.0 345.4





#76

1,2,3-Trichloropropane

Concen: 23.850 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX014334.D

Acq: 28 Dec 2019 02:13

Instrument :

MSVOA_X

ClientSampleId :

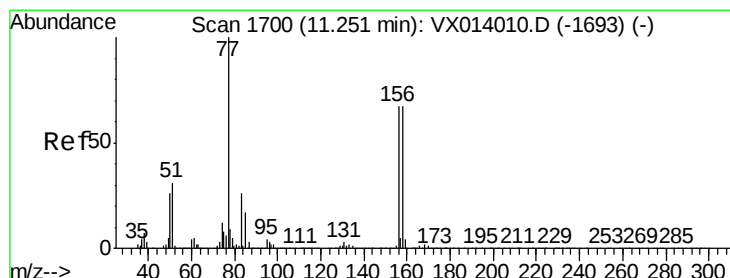
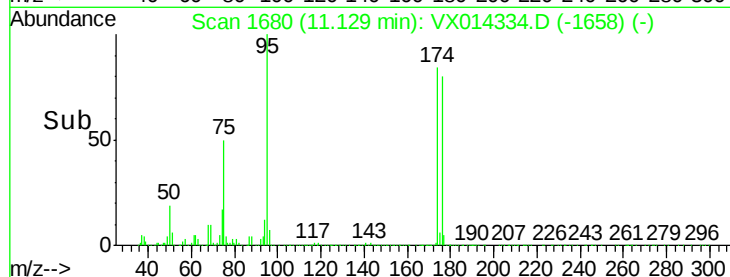
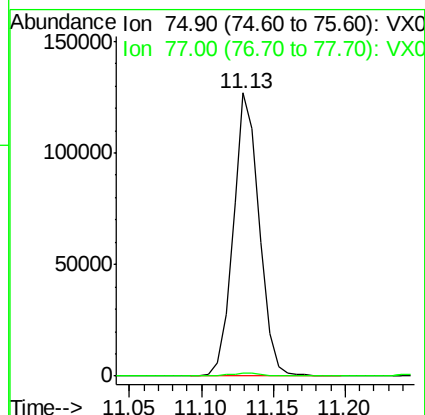
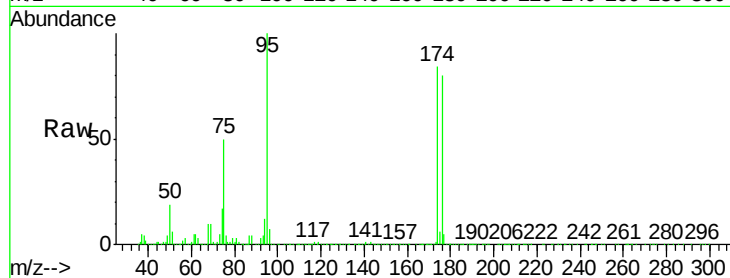
PB125747TB

Tgt Ion: 75 Resp: 159216

Ion Ratio Lower Upper

75 100

77 1.3 19.3 57.8#



#77

Bromobenzene

Concen: 0.238 ug/l

RT: 11.26 min Scan# 1701

Delta R.T. 0.01 min

Lab File: VX014334.D

Acq: 28 Dec 2019 02:13

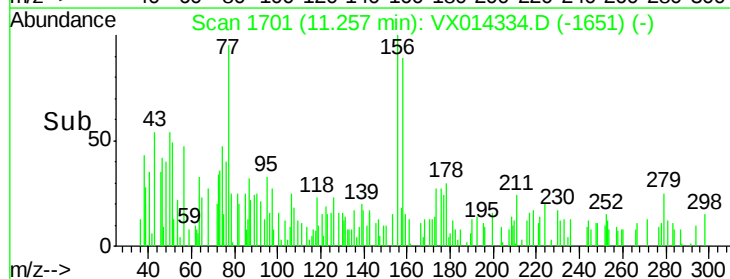
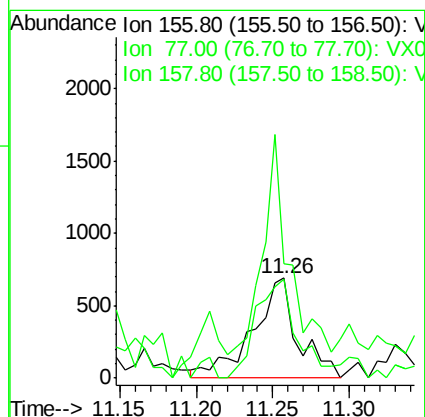
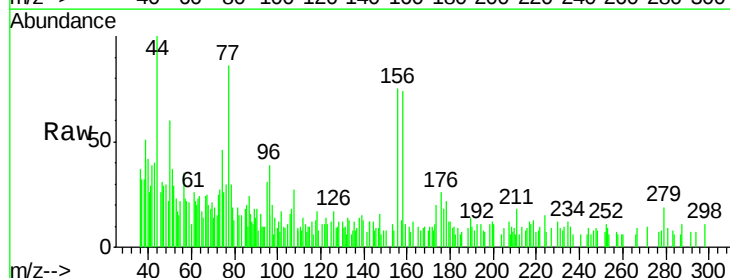
Tgt Ion: 156 Resp: 1420

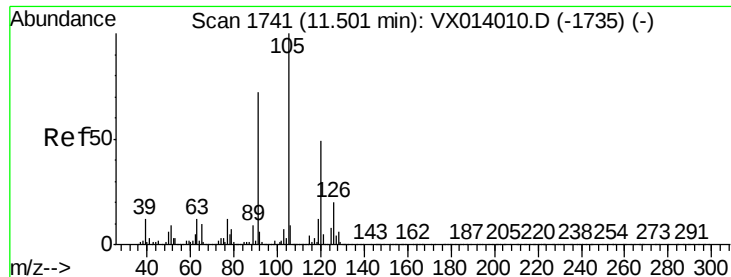
Ion Ratio Lower Upper

156 100

77 138.9 76.5 229.5

158 89.4 49.3 147.9

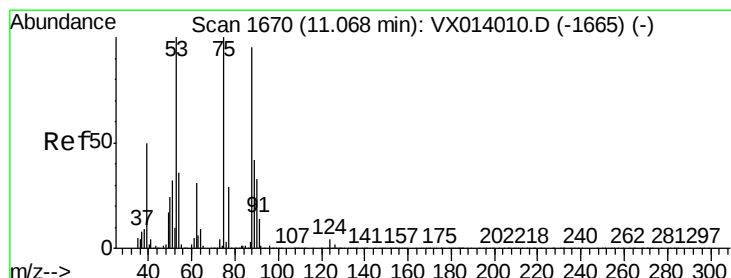
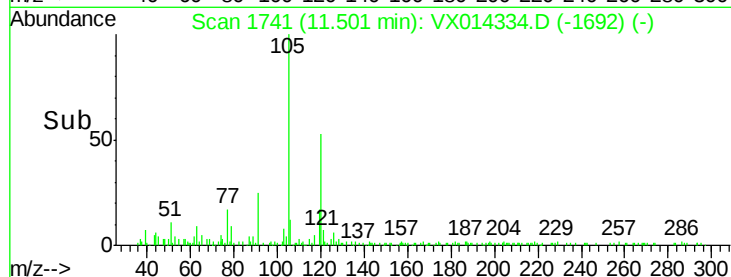
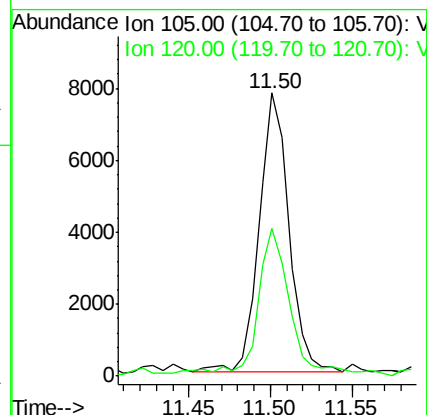
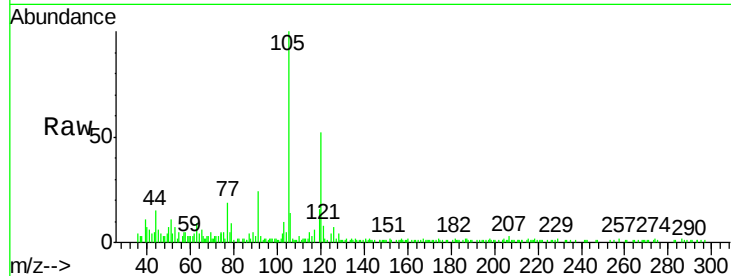




#80
 1,3,5-Trimethylbenzene
 Concen: 0.541 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX014334.D
 Acq: 28 Dec 2019 02:13

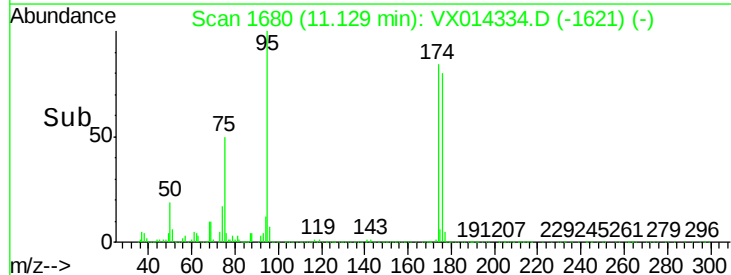
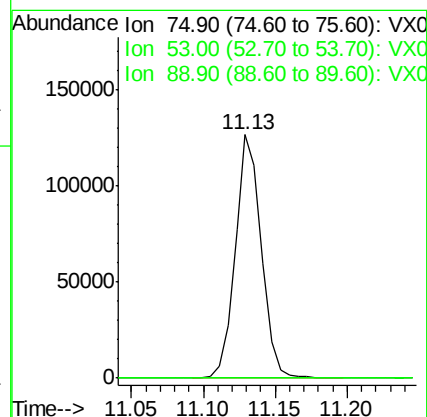
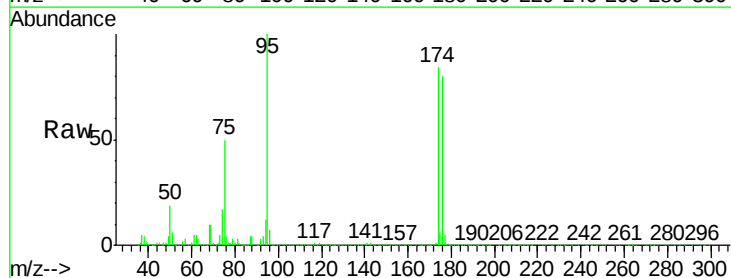
Instrument :
 MSVOA_X
 ClientSampleId :
 PB125747TB

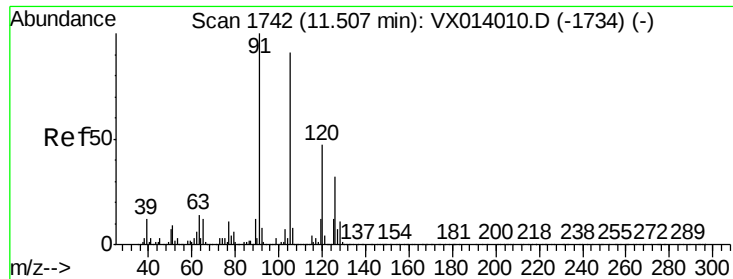
Tgt Ion: 105 Resp: 9866
 Ion Ratio Lower Upper
 105 100
 120 57.6 25.3 75.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.317 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. 0.06 min
 Lab File: VX014334.D
 Acq: 28 Dec 2019 02:13

Tgt Ion: 75 Resp: 159216
 Ion Ratio Lower Upper
 75 100
 53 0.1 76.7 115.1#
 89 0.0 34.6 51.8#

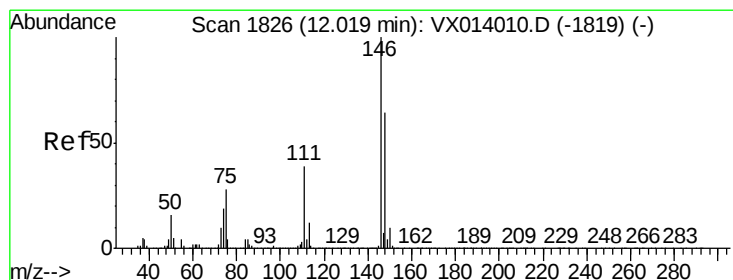
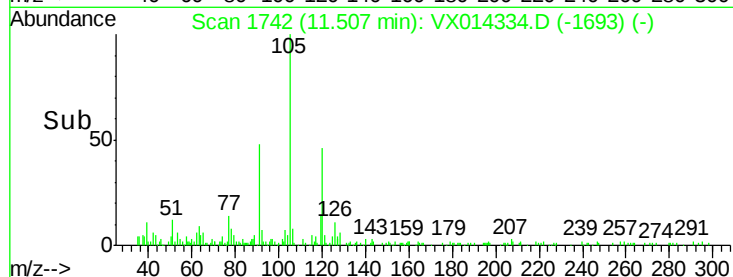
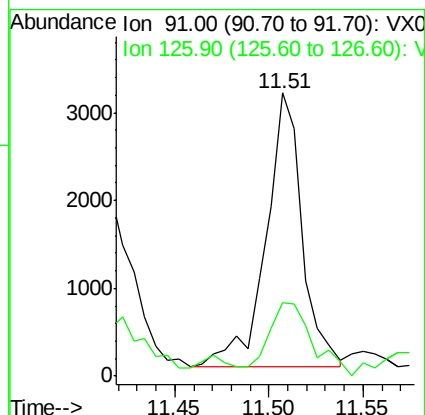
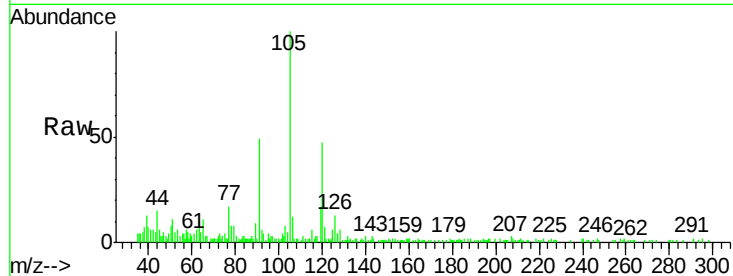




#82
4-Chlorotoluene
Concen: 0.243 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014334.D
Acq: 28 Dec 2019 02:13

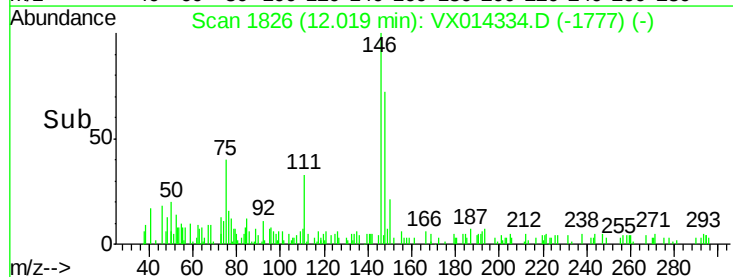
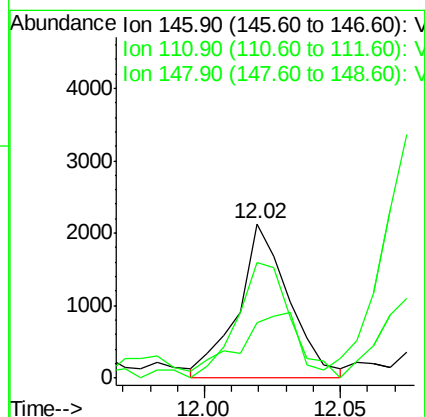
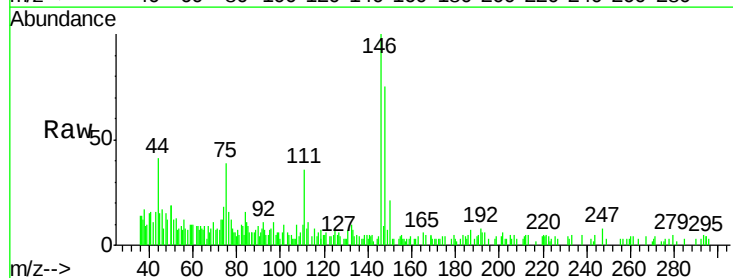
Instrument :
MSVOA_X
ClientSampleId :
PB125747TB

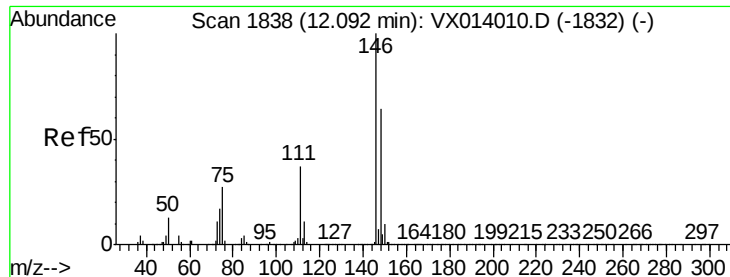
Tgt Ion: 91 Resp: 4159
Ion Ratio Lower Upper
91 100
126 33.5 15.6 46.8



#87
1,3-Dichlorobenzene
Concen: 0.265 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. 0.00 min
Lab File: VX014334.D
Acq: 28 Dec 2019 02:13

Tgt Ion: 146 Resp: 2768
Ion Ratio Lower Upper
146 100
111 46.2 19.1 57.1
148 81.9 32.3 96.9

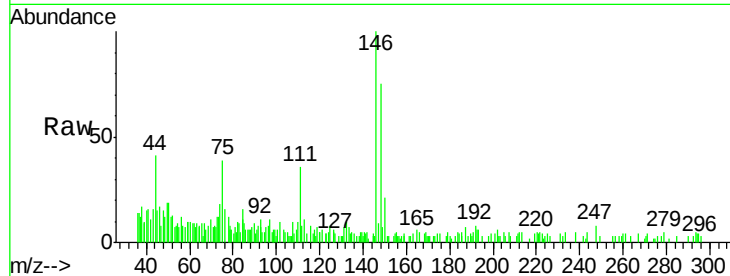




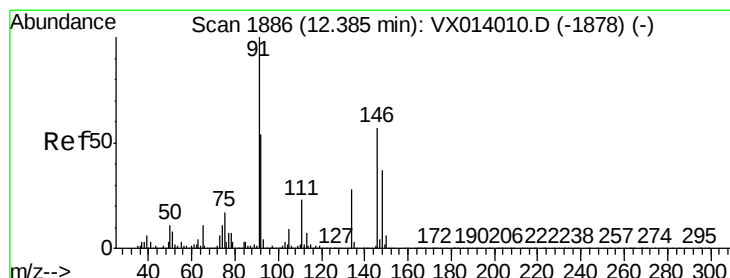
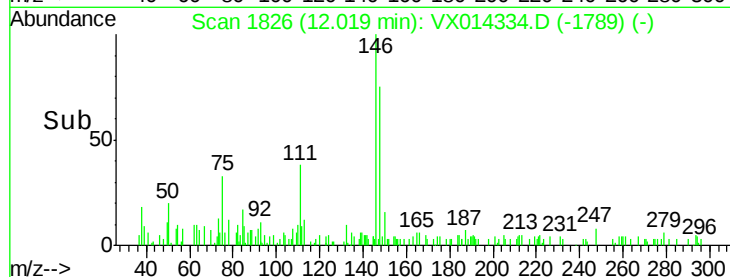
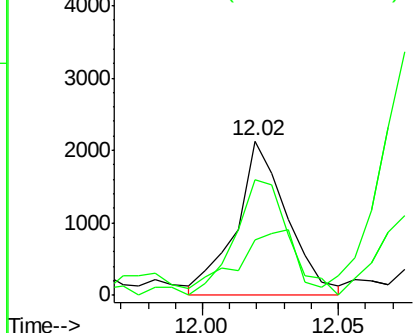
#88
 1,4-Dichlorobenzene
 Concen: 0.261 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.07 min
 Lab File: VX014334.D
 Acq: 28 Dec 2019 02:13

Instrument :
 MSVOA_X
 ClientSampleId :
 PB125747TB

Tgt Ion: 146 Resp: 2768
 Ion Ratio Lower Upper
 146 100
 111 43.9 18.7 56.1
 148 81.9 31.9 95.9

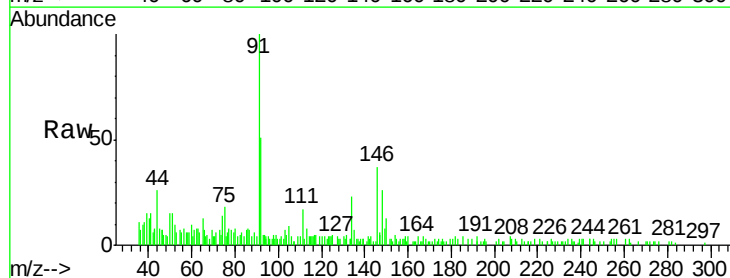


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

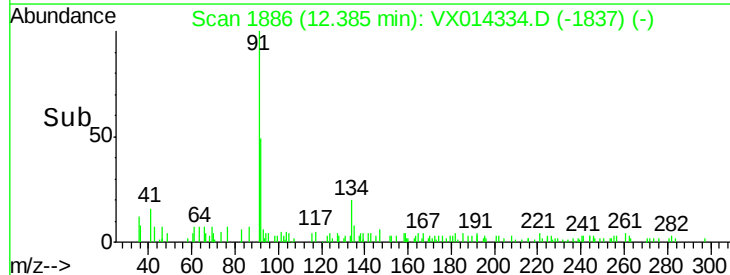
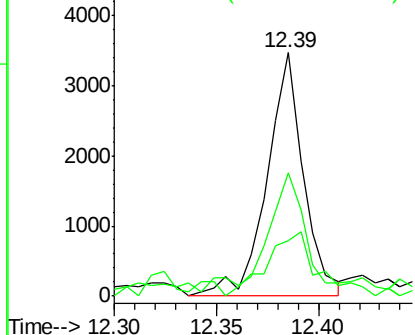


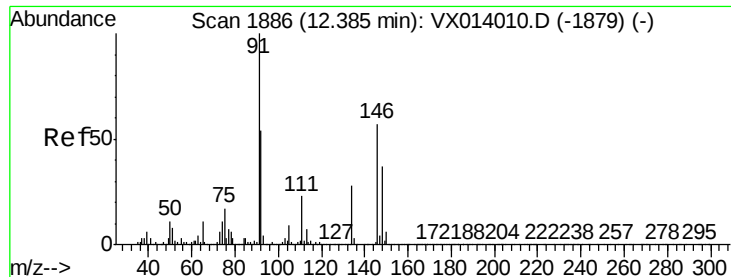
#89
 n-Butylbenzene
 Concen: 0.264 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014334.D
 Acq: 28 Dec 2019 02:13

Tgt Ion: 91 Resp: 4321
 Ion Ratio Lower Upper
 91 100
 92 50.5 27.2 81.6
 134 36.5 13.4 40.1



Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 92.00 (91.70 to 92.70): VX0
 Ion 134.00 (133.70 to 134.70): V





#91

1,2-Dichlorobenzene

Concen: 0.203 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014334.D

Acq: 28 Dec 2019 02:13

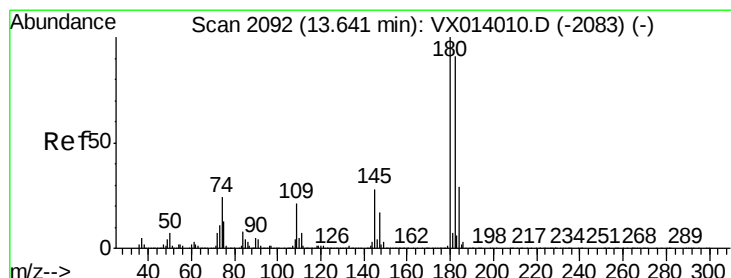
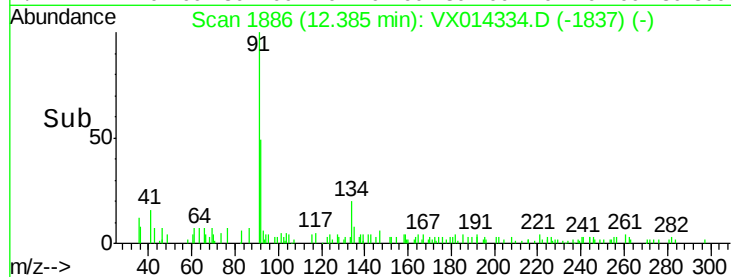
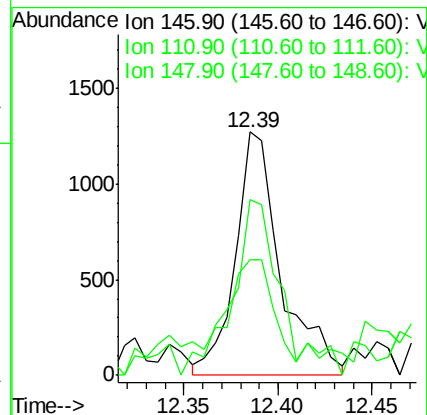
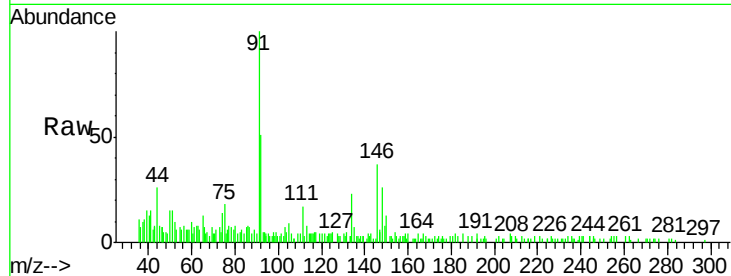
Instrument :

MSVOA_X

ClientSampleId :

PB125747TB

Tgt Ion:	146	Resp:	2137
Ion	Ratio	Lower	Upper
146	100		
111	40.7	19.7	59.1
148	79.6	32.1	96.5



#93

1,2,4-Trichlorobenzene

Concen: 0.417 ug/l

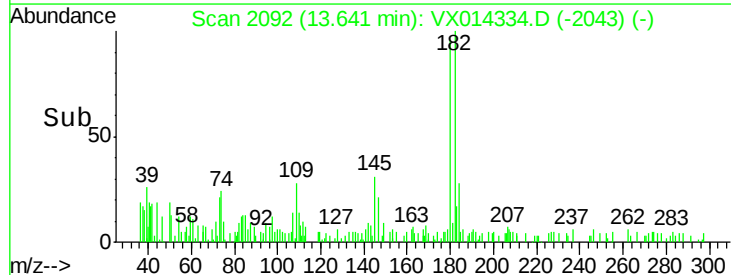
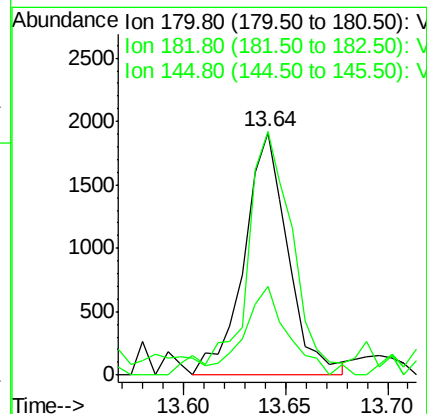
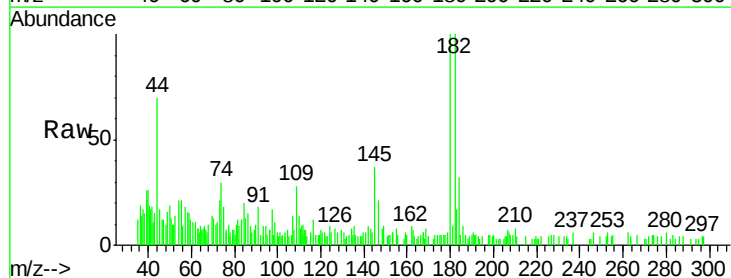
RT: 13.64 min Scan# 2092

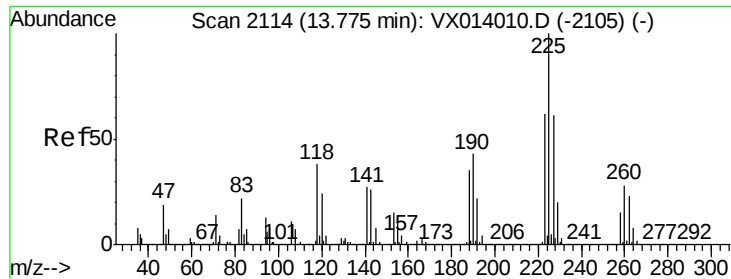
Delta R.T. 0.00 min

Lab File: VX014334.D

Acq: 28 Dec 2019 02:13

Tgt Ion:	180	Resp:	2848
Ion	Ratio	Lower	Upper
180	100		
182	106.7	46.6	139.8
145	36.9	14.2	42.6





#94

Hexachlorobutadiene

Concen: 0.394 ug/l

RT: 13.78 min Scan# 2115

Delta R.T. 0.01 min

Lab File: VX014334.D

Acq: 28 Dec 2019 02:13

Instrument :

MSVOA_X

ClientSampleId :

PB125747TB

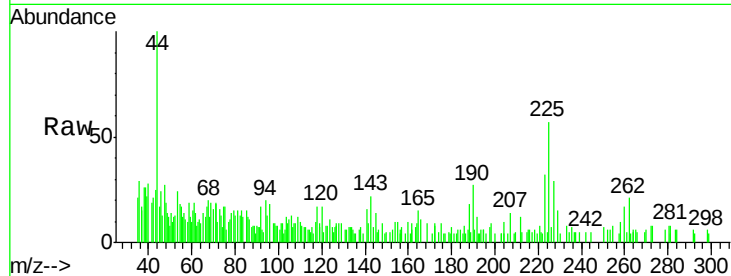
Tgt Ion:225 Resp: 1292

Ion Ratio Lower Upper

225 100

223 75.8 30.9 92.5

227 61.0 30.9 92.7

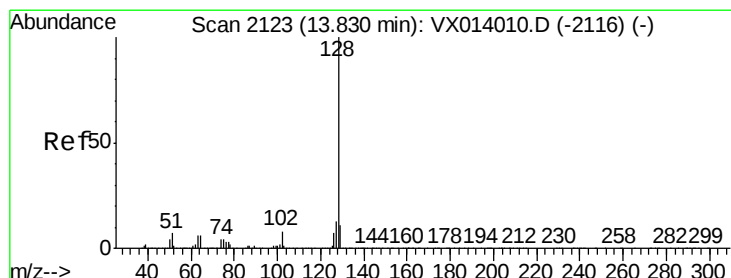
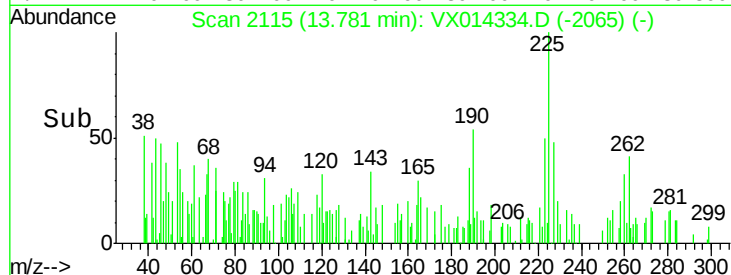
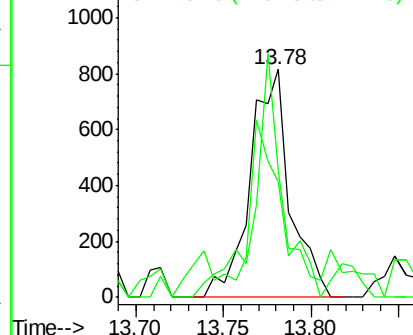


Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 0.247 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX014334.D

Acq: 28 Dec 2019 02:13

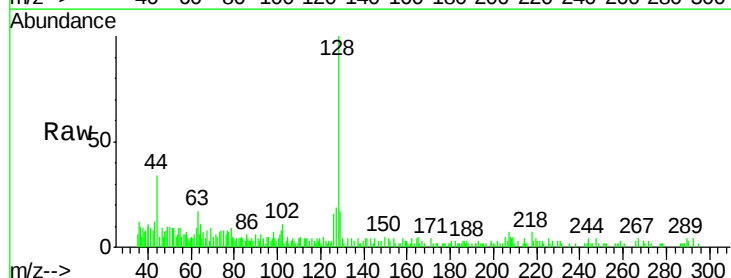
Tgt Ion:128 Resp: 4967

Ion Ratio Lower Upper

128 100

127 23.8 10.2 15.4#

129 15.1 8.7 13.1#

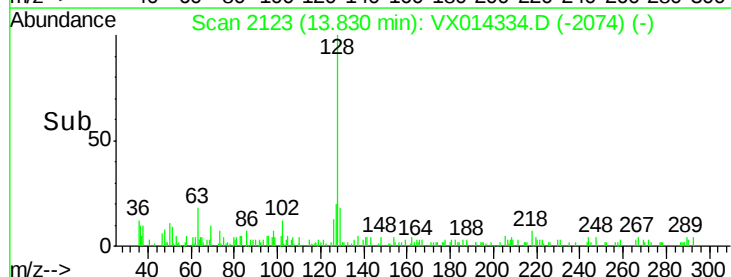
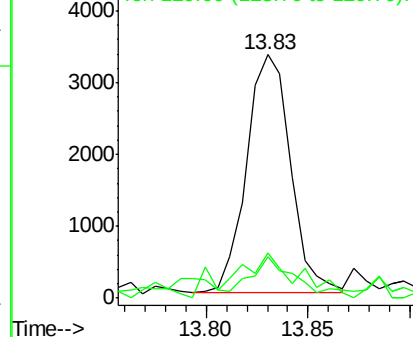


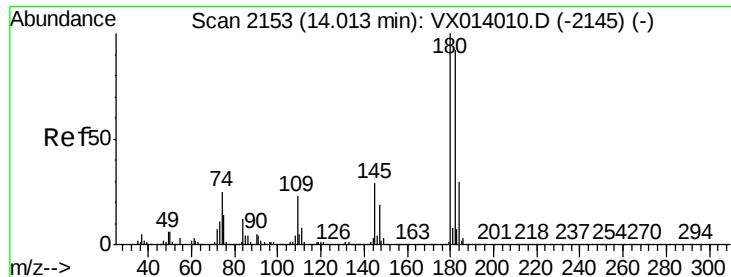
Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

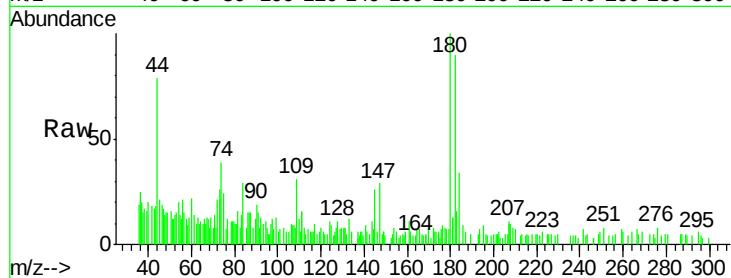




#96
 1,2,3-Trichlorobenzene
 Concen: 0.374 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. 0.00 min
 Lab File: VX014334.D
 Acq: 28 Dec 2019 02:13

Instrument :
 MSVOA_X
 ClientSampleId :
 PB125747TB

Tgt Ion	Ratio	Lower	Upper
180	100		
182	85.2	46.8	140.3
145	43.1	14.8	44.4



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

