

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020620\
 Data File : VX014846.D
 Acq On : 06 Feb 2020 14:37
 Operator : JC/SP
 Sample : L1346-05MEDL 5X
 Misc : 6.46g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 07 00:43:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	439625	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	674634	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	642046	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	335085	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	243182	47.37	ug/l	0.00
Spiked Amount			Recovery	=	94.74%	
35) Dibromofluoromethane	5.49	113	196352	46.13	ug/l	0.00
Spiked Amount			Recovery	=	92.26%	
50) Toluene-d8	8.71	98	814496	49.77	ug/l	0.00
Spiked Amount			Recovery	=	99.54%	
62) 4-Bromofluorobenzene	11.14	95	312332	53.58	ug/l	0.00
Spiked Amount			Recovery	=	107.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	349	0.590	ug/l	82
5) Bromomethane	1.63	94	2729	0.625	ug/l #	76
6) Chloroethane	1.66	64	5091	Below Cal	#	79
10) Methyl Iodide	2.51	142	2044	0.354	ug/l	90
11) Tert butyl alcohol	3.00	59	9502	8.244	ug/l #	72
14) Allyl chloride	2.83	41	10448	1.330	ug/l #	74
16) Acetone	2.44	43	6051	2.300	ug/l	97
18) Methyl Acetate	2.83	43	26561	3.307	ug/l #	54
20) Methylene Chloride	2.84	84	2774	0.533	ug/l #	74
25) 2-Butanone	4.69	43	4697	1.165	ug/l #	65
30) Chloroform	5.26	83	16722	1.989	ug/l #	32
31) Cyclohexane	5.60	56	83350	10.441	ug/l #	44
36) 1,1-Dichloropropene	5.65	75	29517	4.709	ug/l #	45
38) Carbon Tetrachloride	5.65	117	38435	6.420	ug/l #	15
39) Methylcyclohexane	7.46	83	213959	27.245	ug/l	97
41) Methacrylonitrile	5.06	41	3522	0.608	ug/l #	27
43) Isopropyl Acetate	6.45	43	8713	0.741	ug/l #	72
47) Bromodichloromethane	7.84	83	6701	1.057	ug/l #	88
48) Methyl methacrylate	7.73	41	25282	4.501	ug/l #	53
49) 1,4-Dioxane	7.72	88	180	1.512	ug/l #	1
51) 4-Methyl-2-Pentanone	8.67	43	26564	3.580	ug/l #	49
55) 1,1,2-Trichloroethane	9.16	97	69798	14.318	ug/l #	18
56) Ethyl methacrylate	9.16	69	19955	4.113	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.26	63	1162	0.474	ug/l	98
59) 2-Hexanone	9.44	43	65064	11.299	ug/l #	29
67) Ethyl Benzene	10.25	91	6381	0.272	ug/l	93
68) m/p-Xylenes	10.35	106	1825	0.205	ug/l #	38
73) Isopropylbenzene	11.01	105	49361	2.095	ug/l	96
74) N-amyl acetate	10.90	43	19014	1.842	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.27	83	3971	0.472	ug/l #	28
76) 1,2,3-Trichloropropane	11.13	75	153188	19.650	ug/l #	39
78) n-propylbenzene	11.35	91	299724	11.207	ug/l	98
79) 2-Chlorotoluene	11.35	91	299724	18.522	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.45	105	21735	1.111	ug/l	72

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Quant Title : SW846 8260
QLast Update : Wed Jan 22 12:35:15 2020
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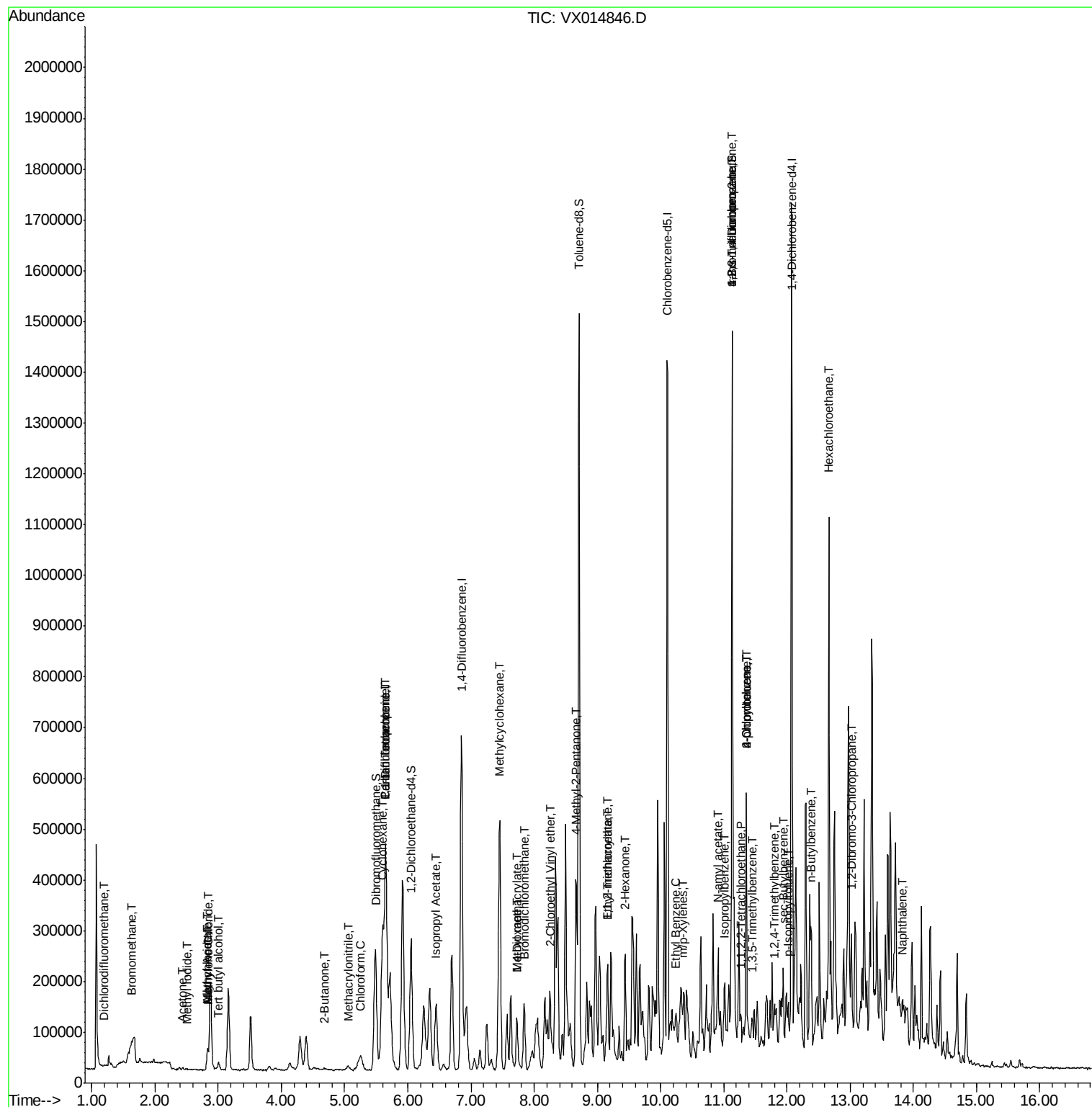
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) trans-1,4-Dichloro-2-buten	11.13	75	153188	55.919	ug/l #	12
82) 4-Chlorotoluene	11.35	91	299724	16.270	ug/l #	44
84) 1,2,4-Trimethylbenzene	11.81	105	9697	0.494	ug/l	98
85) sec-Butylbenzene	11.94	105	43584	1.936	ug/l	98
86) p-Isopropyltoluene	12.02	119	15260	0.734	ug/l	97
89) n-Butylbenzene	12.38	91	105621	5.829	ug/l #	76
90) Hexachloroethane	12.66	117	43769	11.327	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	13.01	75	621	0.344	ug/l #	1
95) Naphthalene	13.83	128	51254	3.073	ug/l #	90

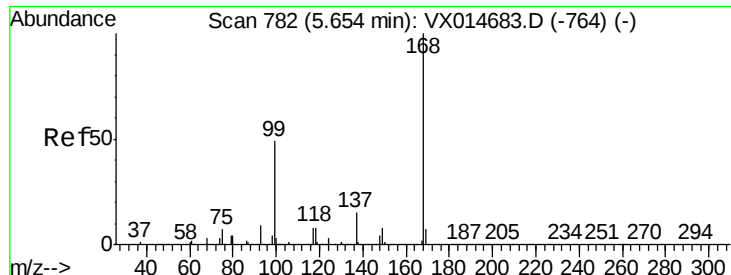
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX014846.D

Acq: 06 Feb 2020 14:37

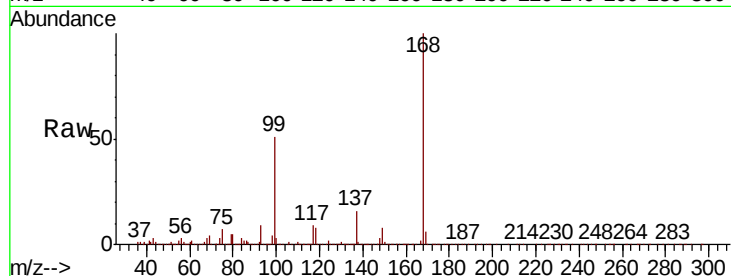
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 439625

Ion Ratio Lower Upper

168 100

99 50.5 39.8 59.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

150000

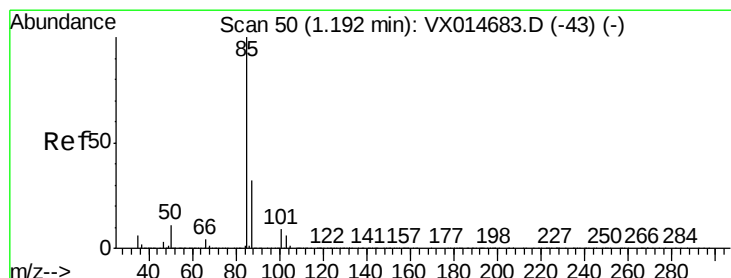
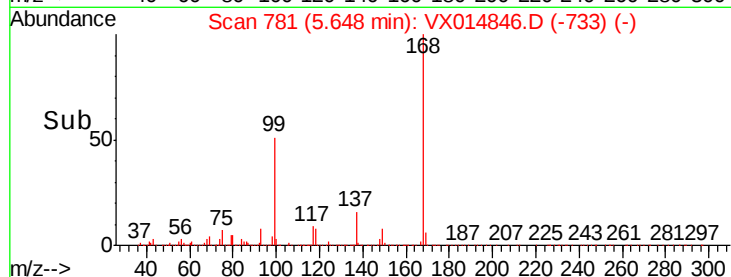
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 0.590 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.01 min

Lab File: VX014846.D

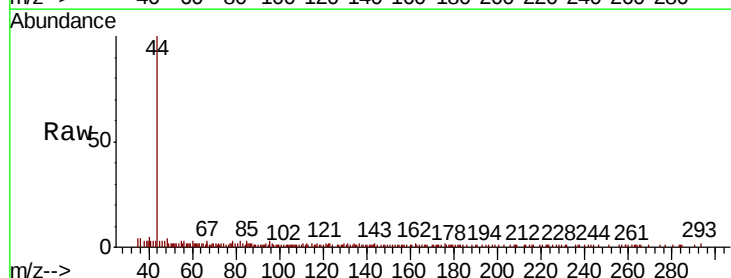
Acq: 06 Feb 2020 14:37

Tgt Ion: 85 Resp: 349

Ion Ratio Lower Upper

85 100

87 42.4 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

500

400

300

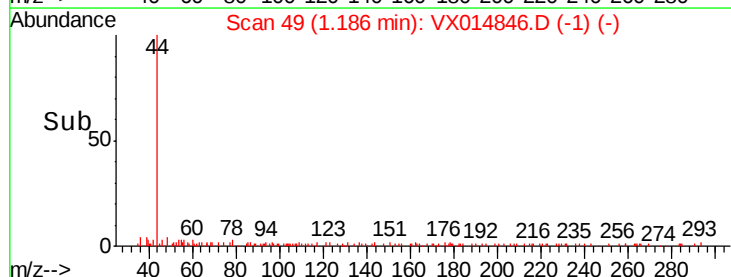
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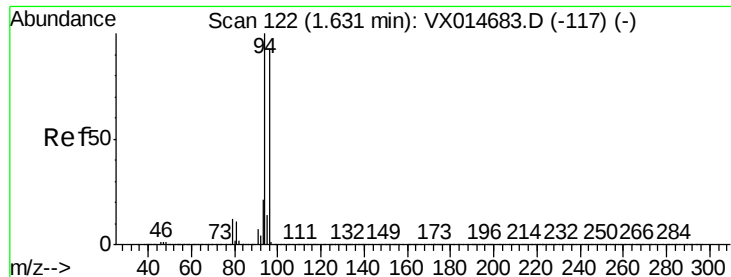
100

0

Time-->

1.17 1.18 1.19 1.20





#5

Bromomethane

Concen: 0.625 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014846.D

Acq: 06 Feb 2020 14:37

Instrument :

MSVOA_X

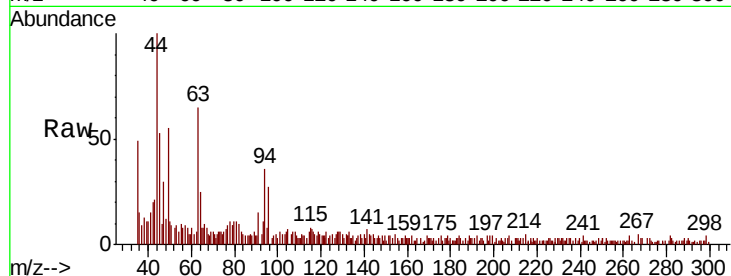
ClientSampleId :

Tot Ion: 94 Resp: 2729

Ion Ratio Lower Upper

94 100

96 70.3 74.7 112.1#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

1500

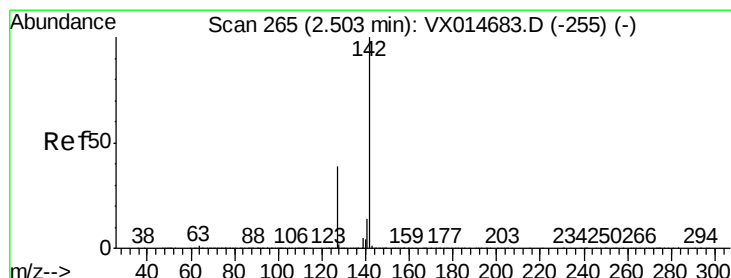
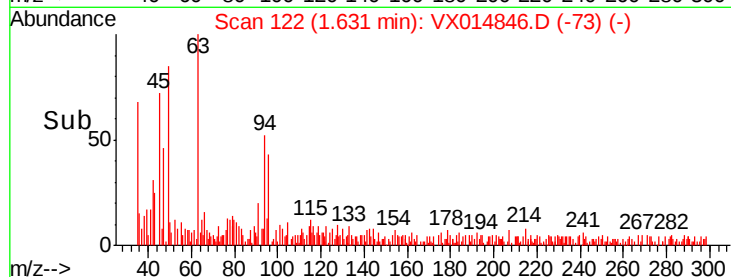
1000

500

0

1.60 1.65 1.70

Time-->



#10

Methyl Iodide

Concen: 0.354 ug/l

RT: 2.51 min Scan# 266

Delta R.T. 0.01 min

Lab File: VX014846.D

Acq: 06 Feb 2020 14:37

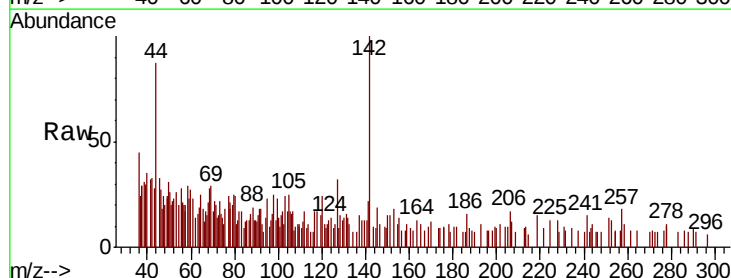
Tgt Ion: 142 Resp: 2044

Ion Ratio Lower Upper

142 100

127 46.1 31.1 46.7

141 16.5 11.3 16.9



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

2.51

1000

800

600

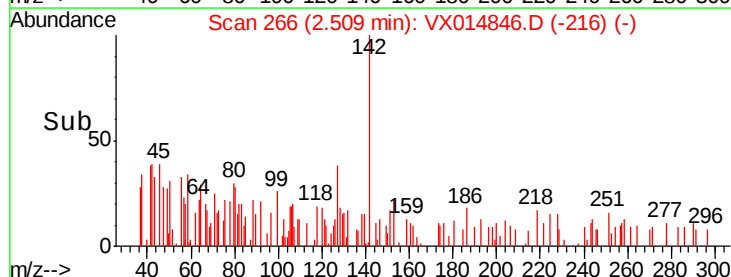
400

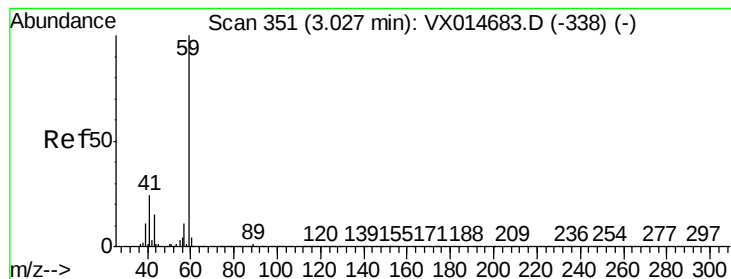
200

0

2.45 2.50 2.55 2.60

Time-->



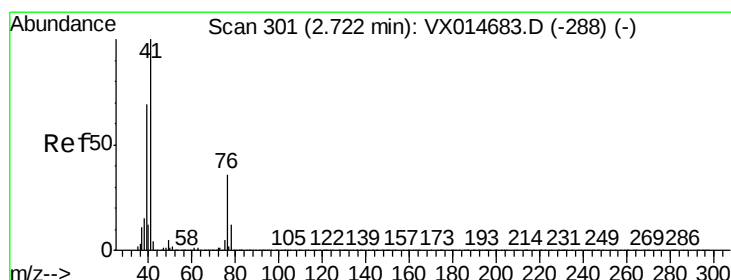
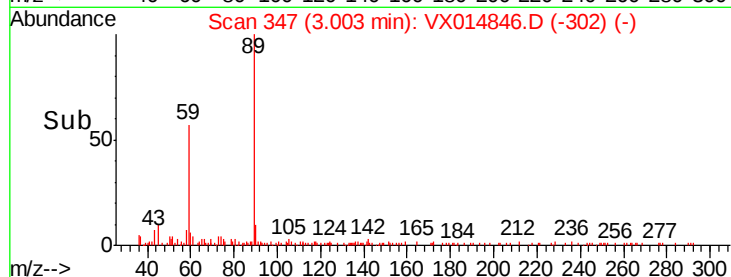
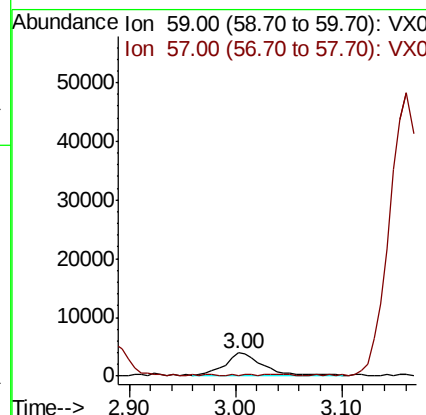
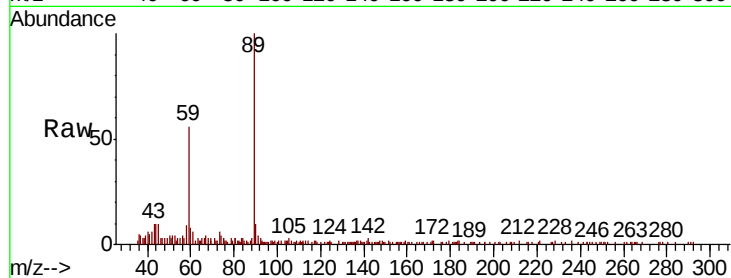


#11

Tert butyl alcohol
 Concen: 8.244 ug/l
 RT: 3.00 min Scan# 347
 Delta R.T. -0.02 min
 Lab File: VX014846.D
 Acq: 06 Feb 2020 14:37

Instrument :
 MSVOA_X
 ClientSampled :

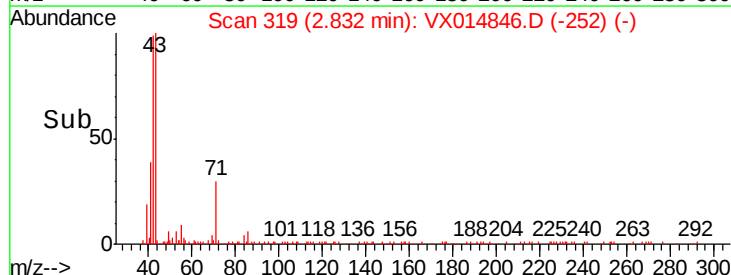
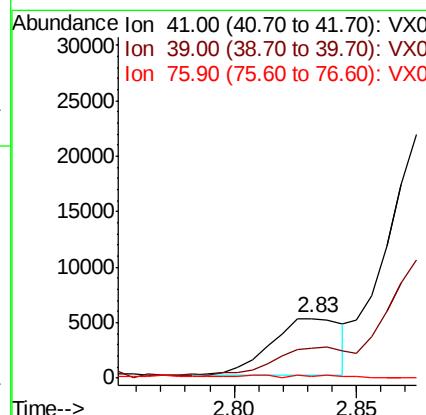
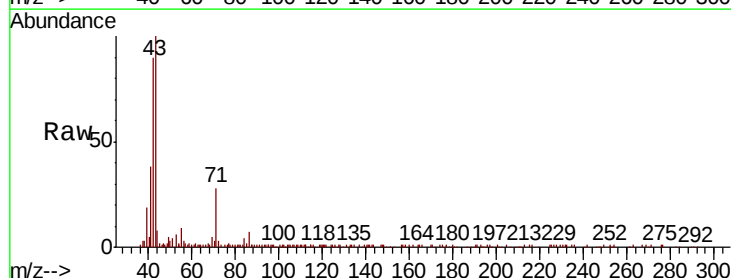
Tot Ion: 59 Resp: 9502
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.3 12.5#

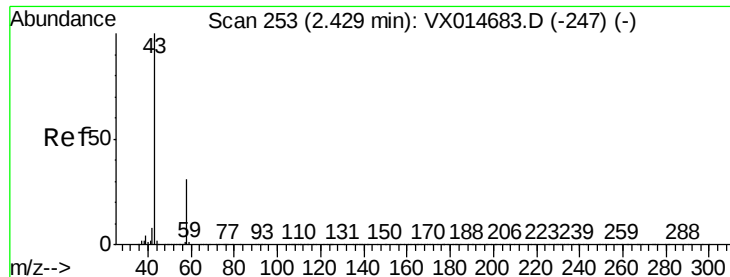


#14

Allyl chloride
 Concen: 1.330 ug/l
 RT: 2.83 min Scan# 319
 Delta R.T. 0.11 min
 Lab File: VX014846.D
 Acq: 06 Feb 2020 14:37

Tgt Ion: 41 Resp: 10448
 Ion Ratio Lower Upper
 41 100
 39 54.6 52.0 78.0
 76 4.2 26.0 39.0#

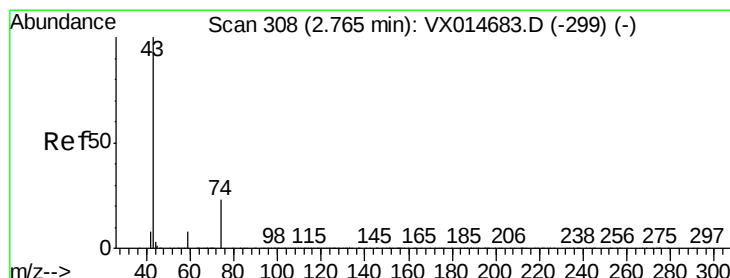
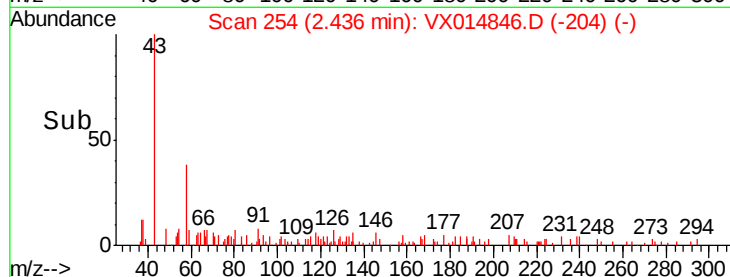
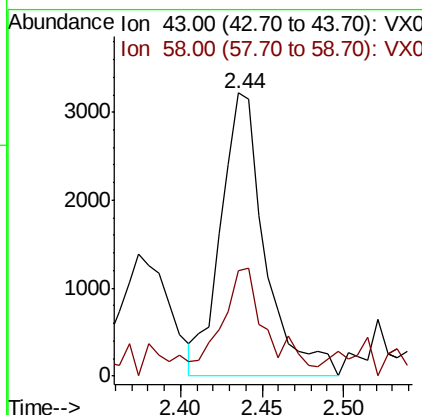
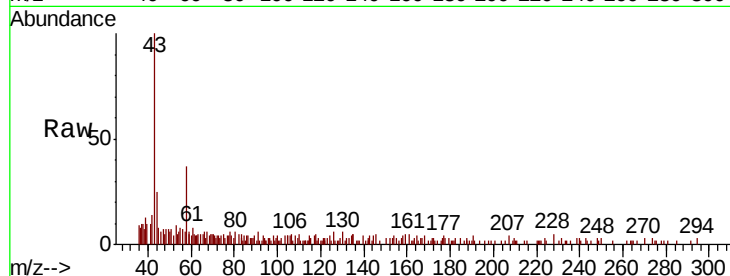




#16
Acetone
Concen: 2.300 ug/l
RT: 2.44 min Scan# 254
Delta R.T. 0.01 min
Lab File: VX014846.D
Acq: 06 Feb 2020 14:37

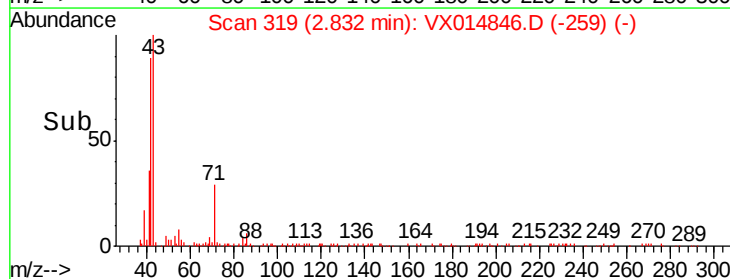
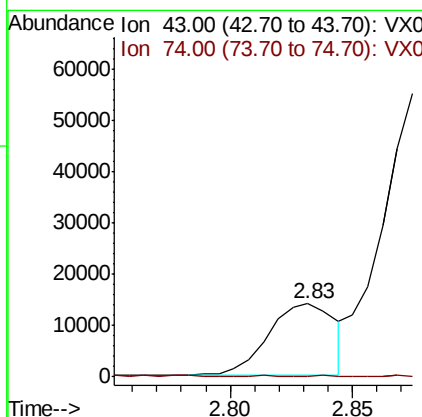
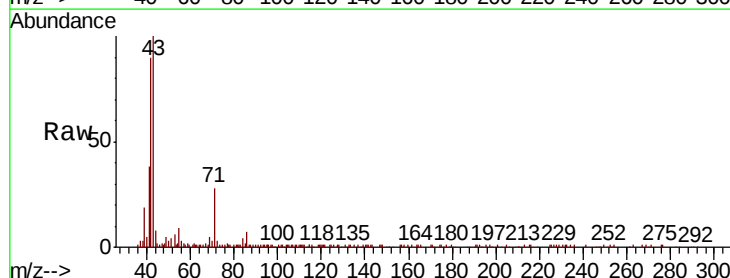
Instrument :
MSVOA_X
ClientSampleId :

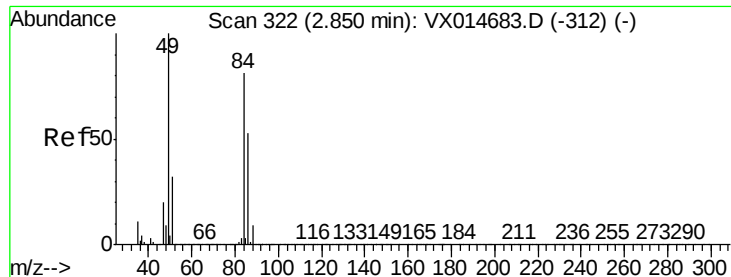
Tot Ion: 43 Resp: 6051
Ion Ratio Lower Upper
43 100
58 32.2 24.5 36.7



#18
Methyl Acetate
Concen: 3.307 ug/l
RT: 2.83 min Scan# 319
Delta R.T. 0.07 min
Lab File: VX014846.D
Acq: 06 Feb 2020 14:37

Tgt Ion: 43 Resp: 26561
Ion Ratio Lower Upper
43 100
74 0.8 18.5 27.7#

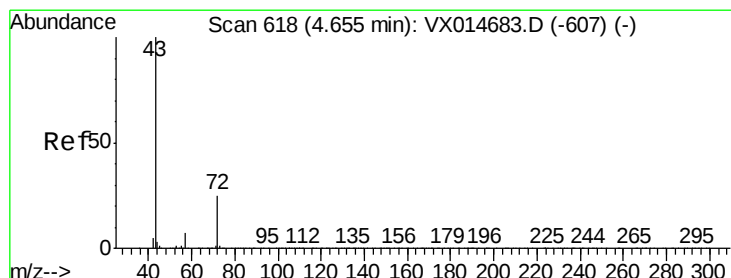
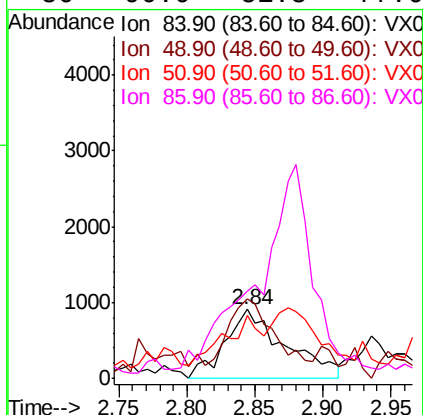
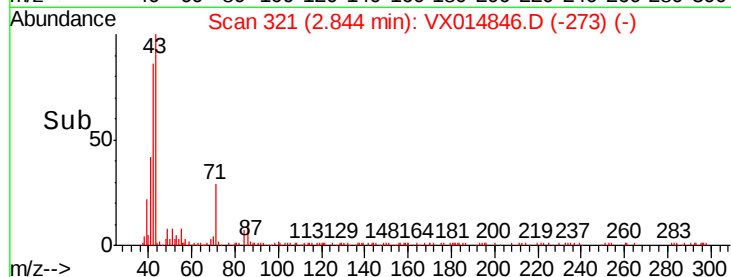
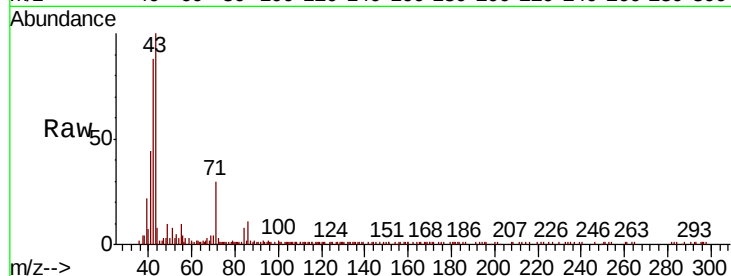




#20
Methvlene Chloride
Concen: 0.533 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014846.D
Acq: 06 Feb 2020 14:37

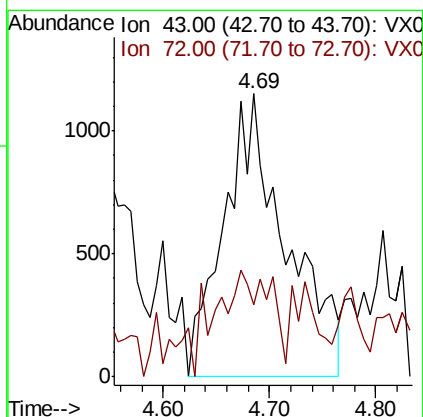
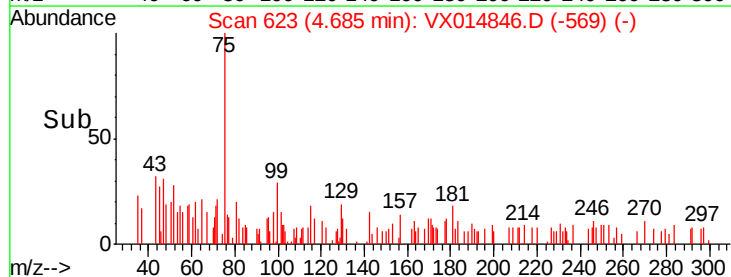
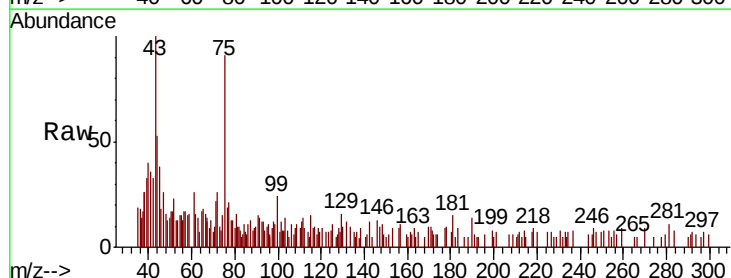
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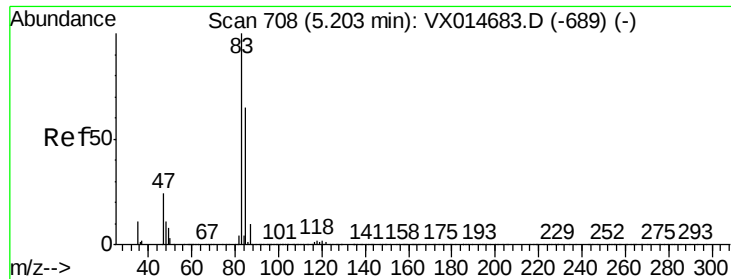
Tot Ion: 84 Resp: 2774
Ion Ratio Lower Upper
84 100
49 98.5 98.2 147.4
51 58.3 31.3 46.9#
86 90.0 51.8 77.6#



#25
2-Butanone
Concen: 1.165 ug/l
RT: 4.69 min Scan# 623
Delta R.T. 0.03 min
Lab File: VX014846.D
Acq: 06 Feb 2020 14:37

Tgt Ion: 43 Resp: 4697
Ion Ratio Lower Upper
43 100
72 7.3 19.9 29.9#





#30

Chloroform

Concen: 1.989 ug/l

RT: 5.26 min Scan# 717

Delta R.T. 0.05 min

Lab File: VX014846.D

Acq: 06 Feb 2020 14:37

Instrument :

MSVOA_X

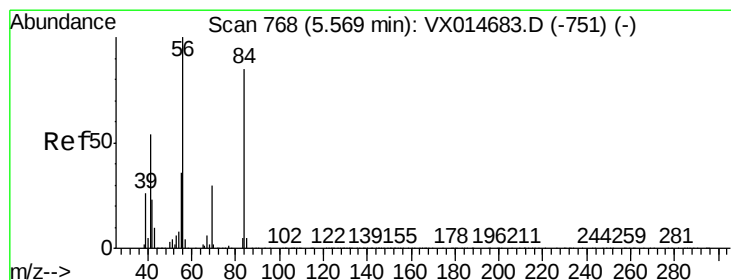
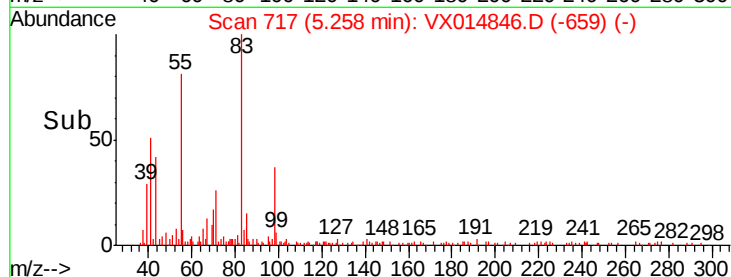
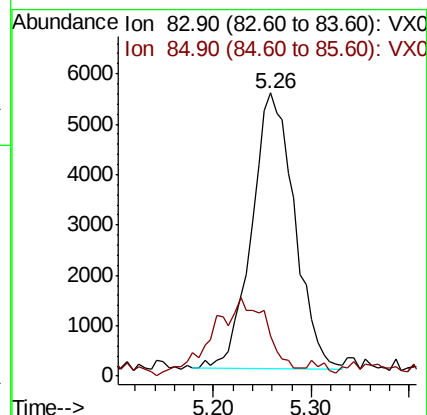
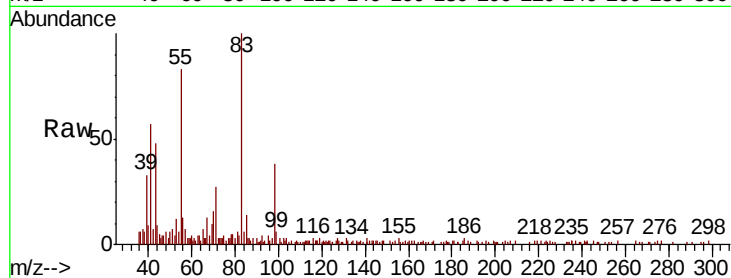
ClientSampleId :

Tot Ion: 83 Resp: 16722

Ion Ratio Lower Upper

83 100

85 11.2 51.7 77.5#



#31

Cyclohexane

Concen: 10.441 ug/l

RT: 5.60 min Scan# 773

Delta R.T. 0.03 min

Lab File: VX014846.D

Acq: 06 Feb 2020 14:37

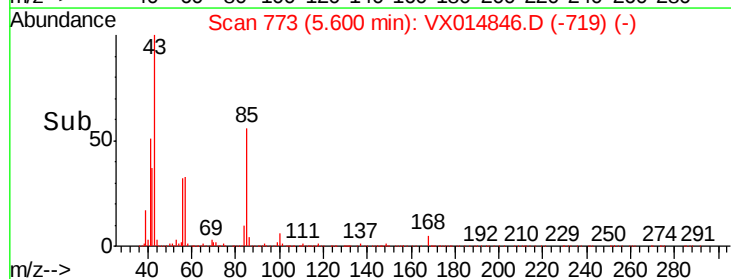
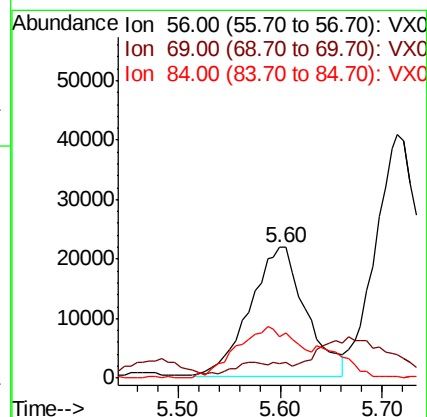
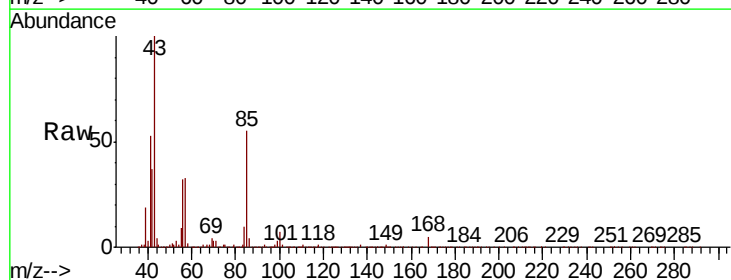
Tgt Ion: 56 Resp: 83350

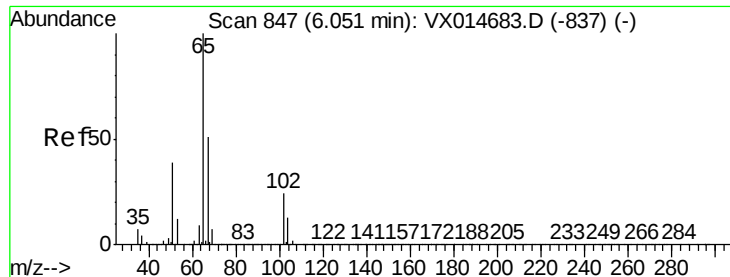
Ion Ratio Lower Upper

56 100

69 5.5 23.4 35.2#

84 30.8 68.4 102.6#





#33

1,2-Dichloroethane-d4

Concen: 47.369 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014846.D

Acq: 06 Feb 2020 14:37

Instrument :

MSVOA_X

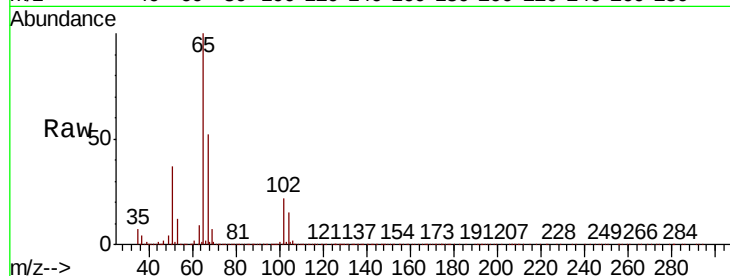
ClientSampleId :

Tot Ion: 65 Resp: 243182

Ion Ratio Lower Upper

65 100

67 52.4 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

100000

80000

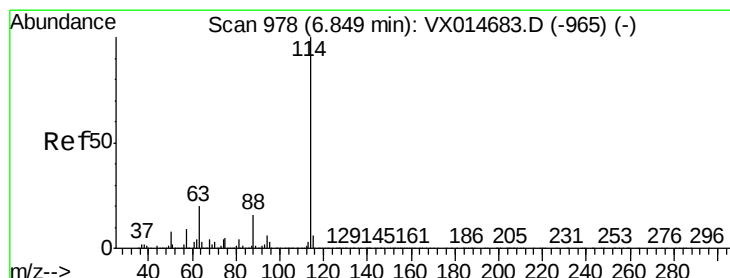
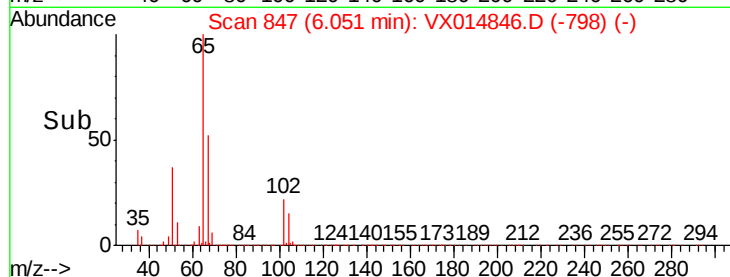
60000

40000

20000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014846.D

Acq: 06 Feb 2020 14:37

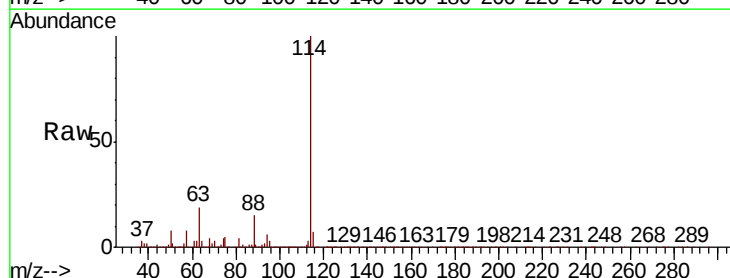
Tgt Ion: 114 Resp: 674634

Ion Ratio Lower Upper

114 100

63 19.3 0.0 40.6

88 14.6 0.0 31.2



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

400000

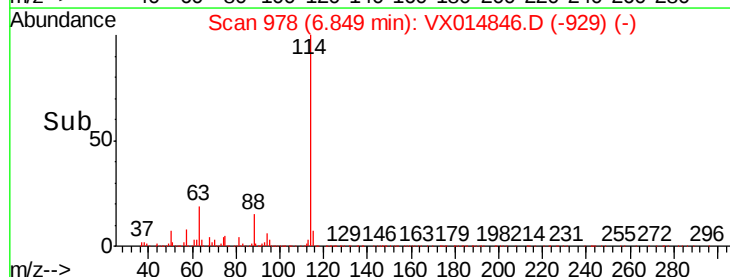
300000

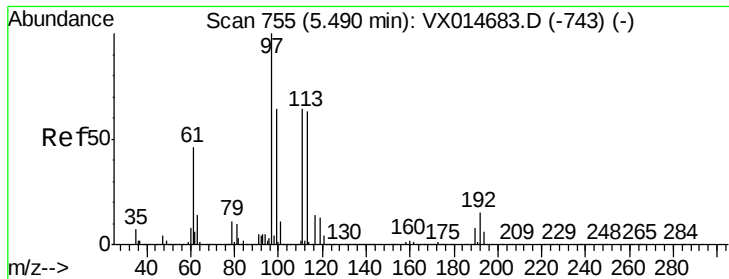
200000

100000

0

Time--> 6.70 6.80 6.90 7.00

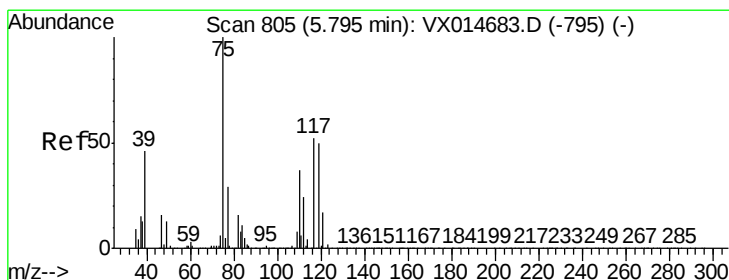
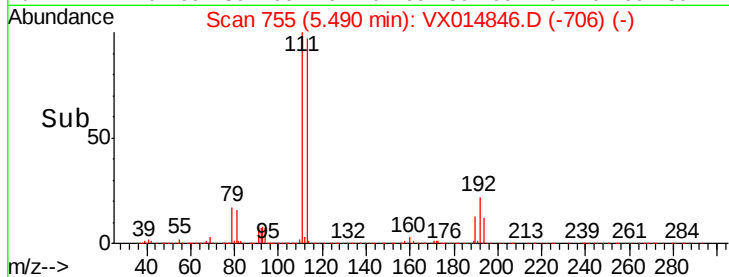
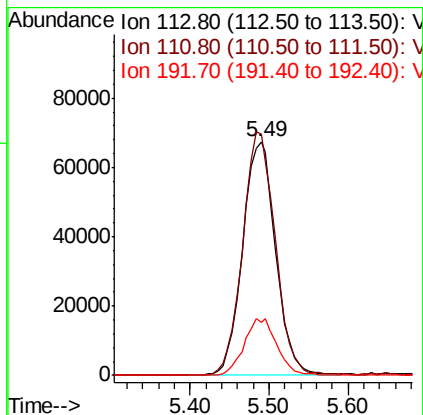
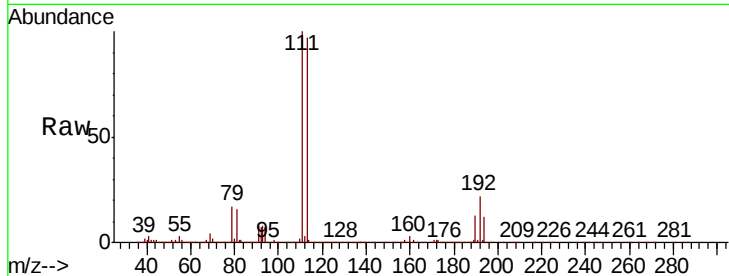




#35
 Dibromofluoromethane
 Concen: 46.126 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX014846.D
 Acq: 06 Feb 2020 14:37

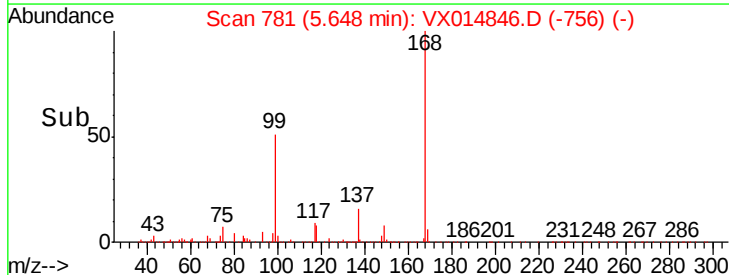
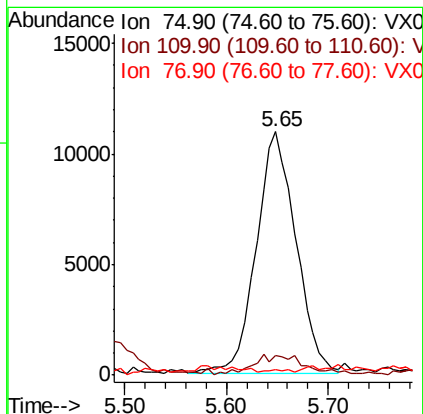
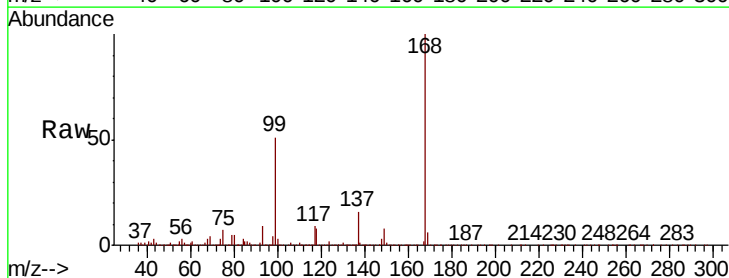
Instrument :
 MSVOA_X
 ClientSampleId :

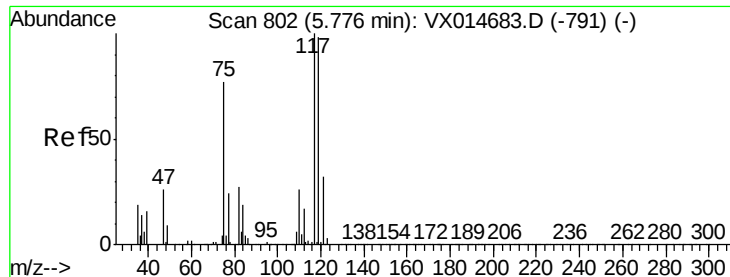
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	80.7	121.1
192	24.2	18.5	27.7



#36
 1,1-Dichloropropene
 Concen: 4.709 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.15 min
 Lab File: VX014846.D
 Acq: 06 Feb 2020 14:37

Tgt Ion	Ratio	Lower	Upper
75	100		
110	4.3	17.9	53.7#
77	0.0	24.1	36.1#

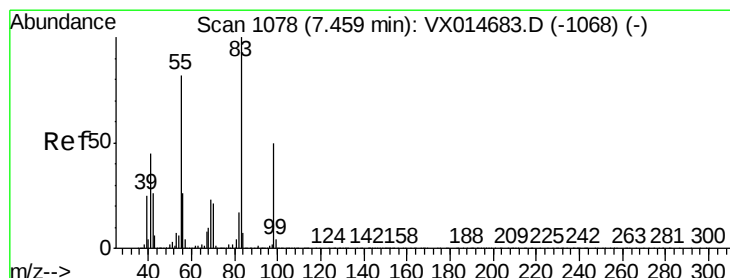
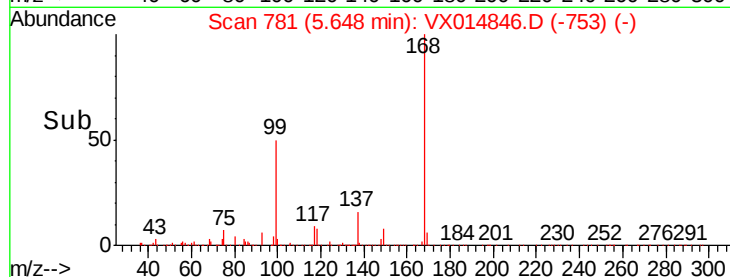
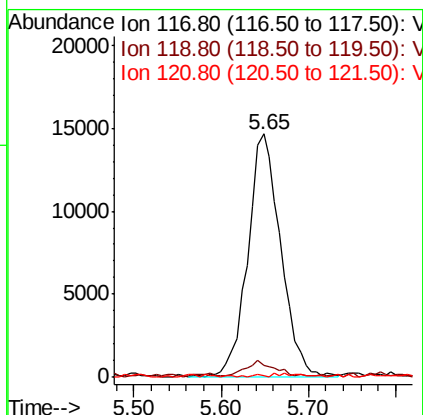
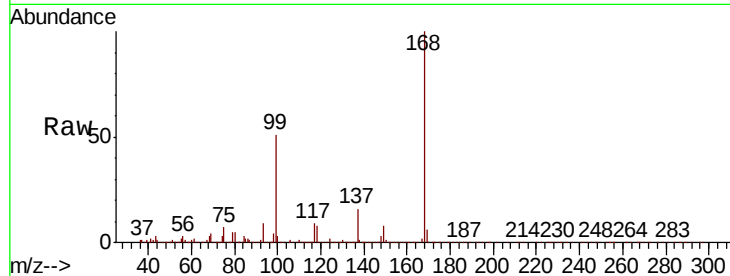




#38
Carbon Tetrachloride
Concen: 6.420 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.13 min
Lab File: VX014846.D
Acq: 06 Feb 2020 14:37

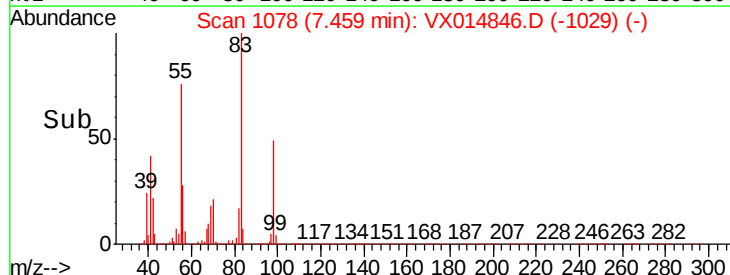
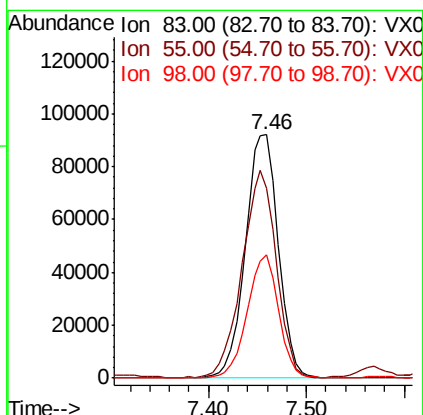
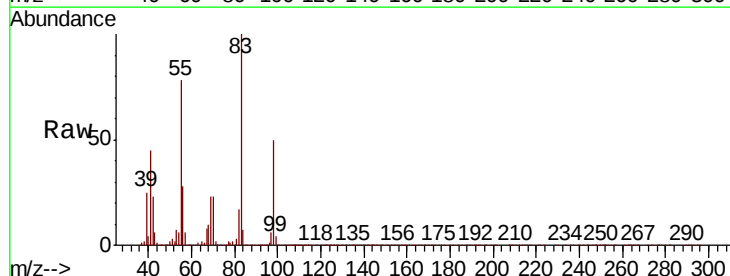
Instrument :
MSVOA_X
ClientSampleId :

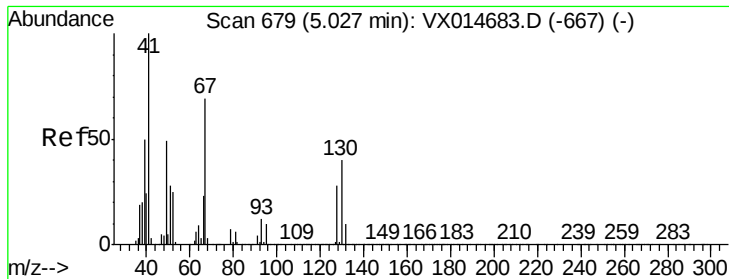
Tot Ion:117 Resp: 38435
Ion Ratio Lower Upper
117 100
119 4.4 77.9 116.9#
121 0.0 25.4 38.2#



#39
Methylcyclohexane
Concen: 27.245 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX014846.D
Acq: 06 Feb 2020 14:37

Tgt Ion: 83 Resp: 213959
Ion Ratio Lower Upper
83 100
55 77.4 65.6 98.4
98 50.4 40.2 60.4

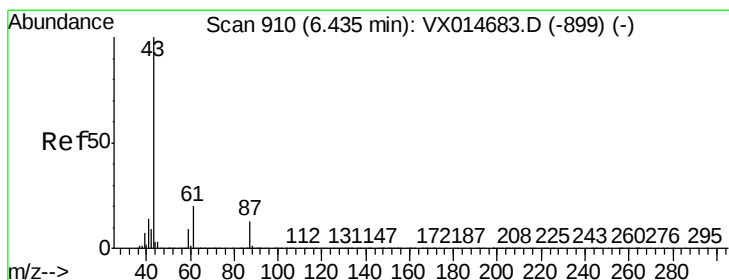
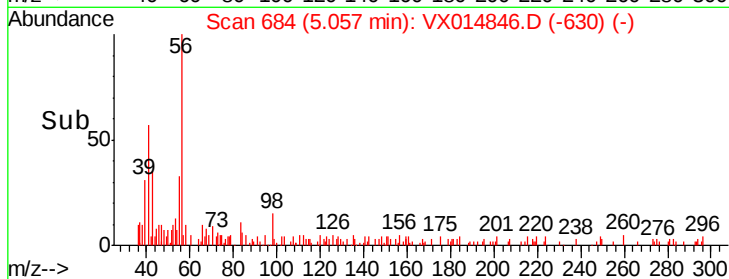
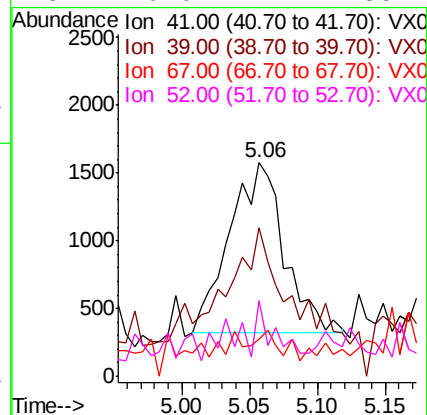
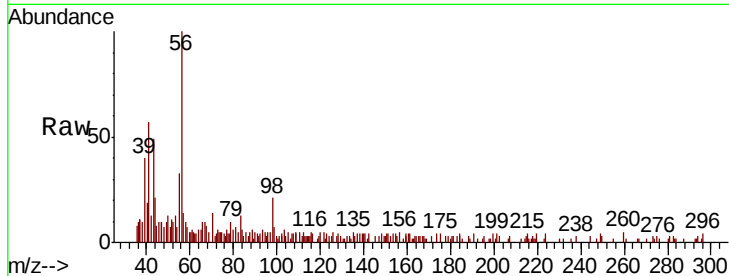




#41
Methacrylonitrile
Concen: 0.608 ug/l
RT: 5.06 min Scan# 684
Delta R.T. 0.03 min
Lab File: VX014846.D
Acq: 06 Feb 2020 14:37

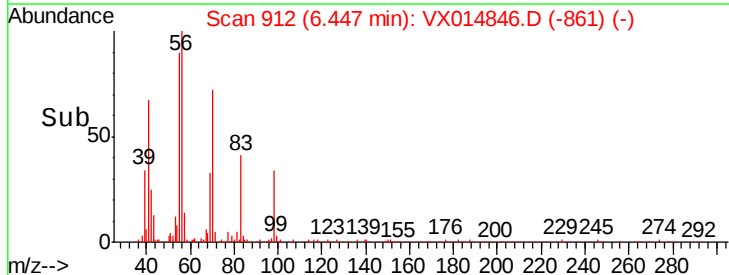
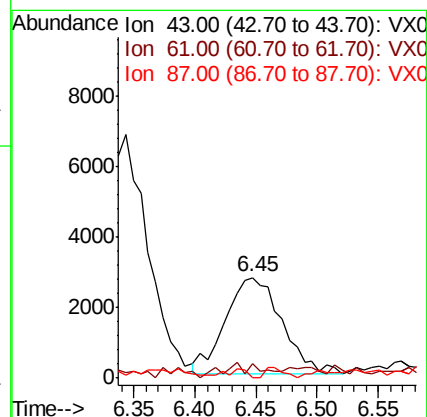
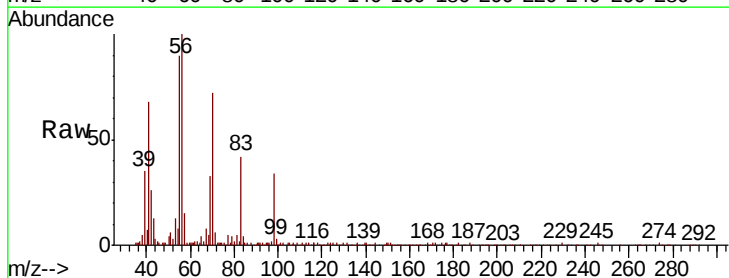
Instrument :
MSVOA_X
ClientSampleID :

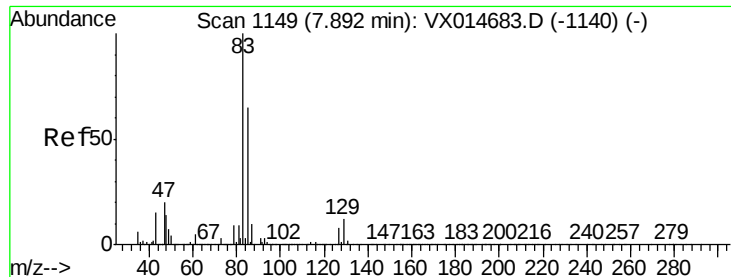
Tot Ion:	41	Resp:	3522
Ion	Ratio	Lower	Upper
41	100		
39	113.5	42.2	63.2#
67	4.4	55.4	83.0#
52	10.0	22.1	33.1#



#43
Isopropyl Acetate
Concen: 0.741 ug/l
RT: 6.45 min Scan# 912
Delta R.T. 0.01 min
Lab File: VX014846.D
Acq: 06 Feb 2020 14:37

Tgt Ion:	43	Resp:	8713
Ion	Ratio	Lower	Upper
43	100		
61	5.8	16.2	24.4#
87	3.8	10.5	15.7#





#47

Bromodichloromethane

Concen: 1.057 ug/l

RT: 7.84 min Scan# 1140

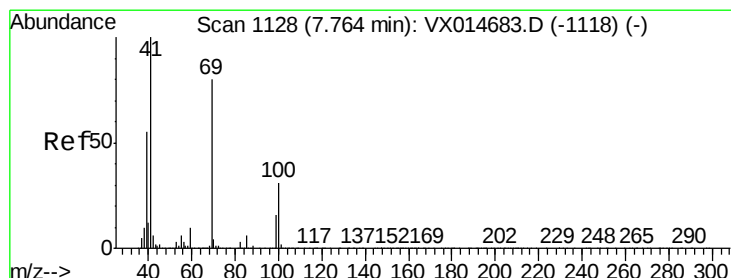
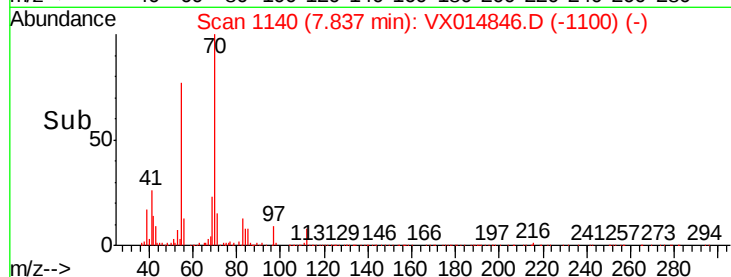
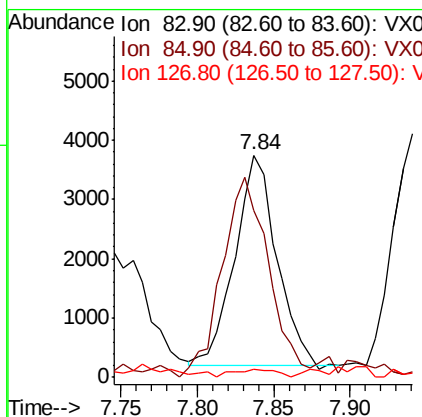
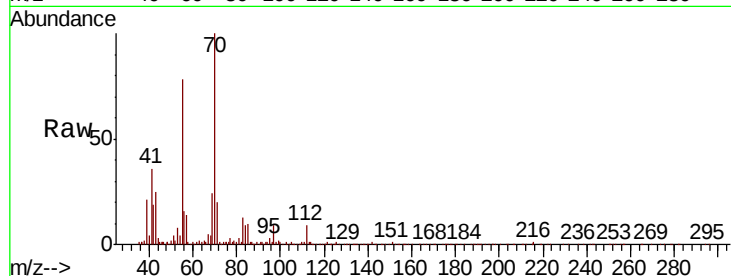
Delta R.T. -0.05 min

Lab File: VX014846.D

Acq: 06 Feb 2020 14:37

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	83	Resp:	6701
Ion	Ratio	Lower	Upper
83	100		
85	74.7	52.2	78.2
127	2.2	6.4	9.6#



#48

Methyl methacrylate

Concen: 4.501 ug/l

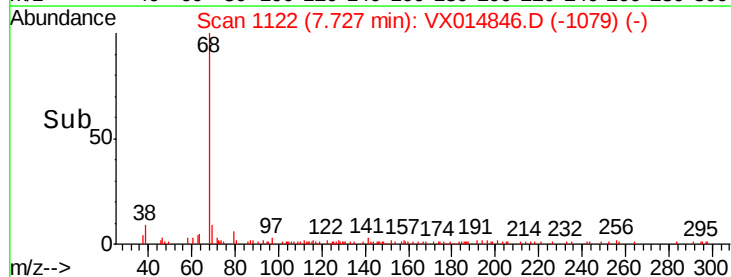
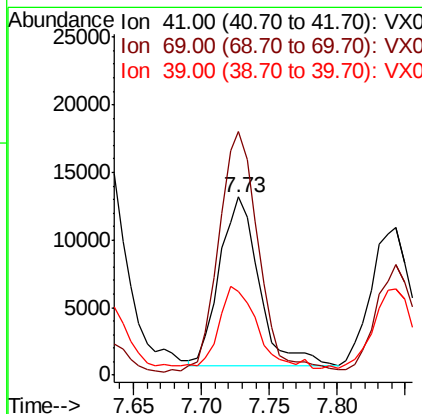
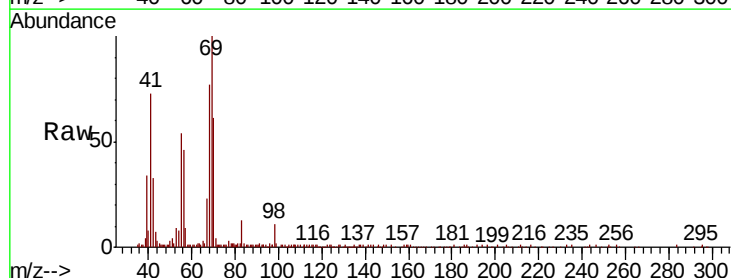
RT: 7.73 min Scan# 1122

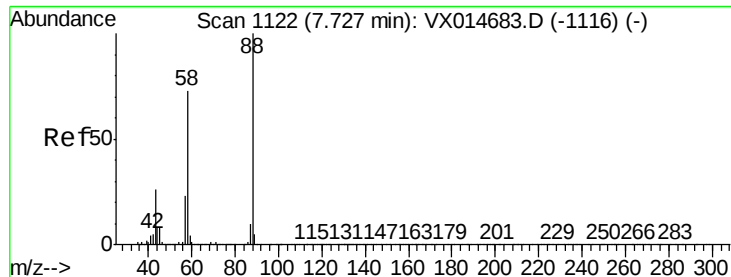
Delta R.T. -0.04 min

Lab File: VX014846.D

Acq: 06 Feb 2020 14:37

Tgt Ion:	41	Resp:	25282
Ion	Ratio	Lower	Upper
41	100		
69	142.6	63.5	95.3#
39	47.0	43.7	65.5

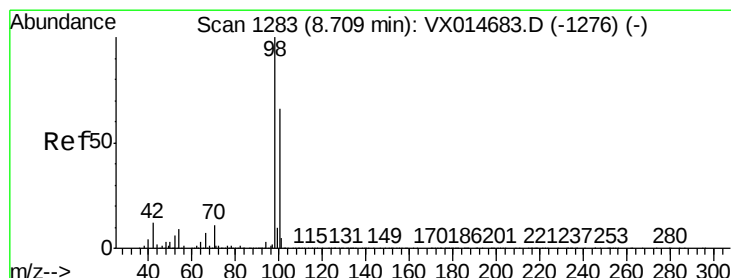
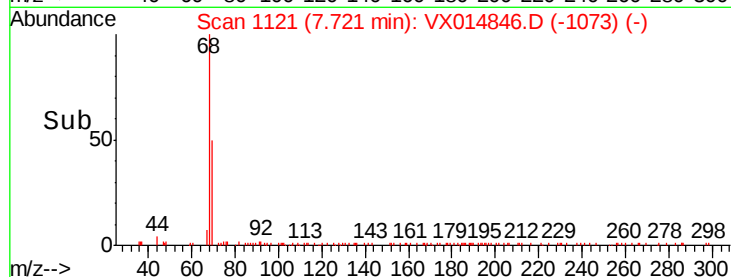
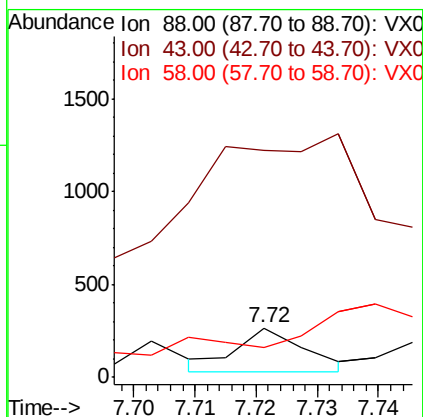
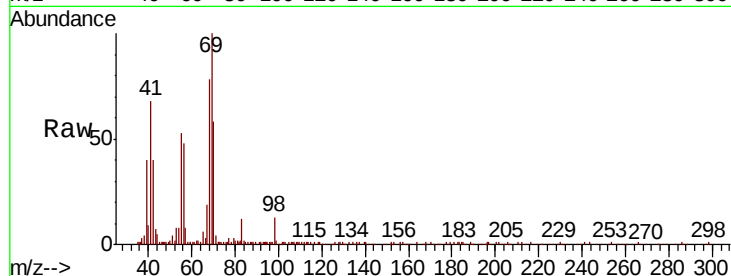




#49
1,4-Dioxane
Concen: 1.512 ug/l
RT: 7.72 min Scan# 1121
Delta R.T. -0.01 min
Lab File: VX014846.D
Acq: 06 Feb 2020 14:37

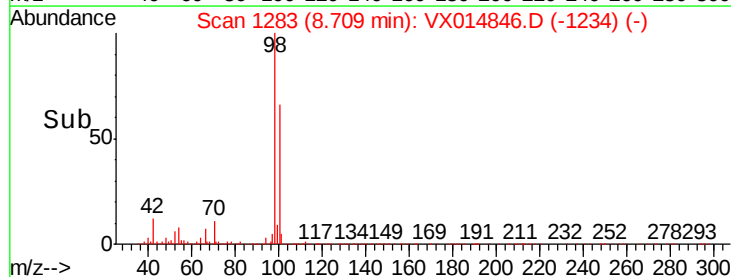
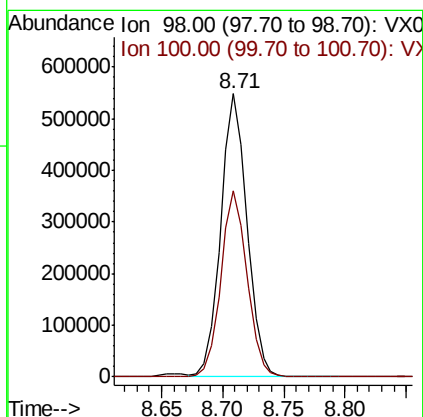
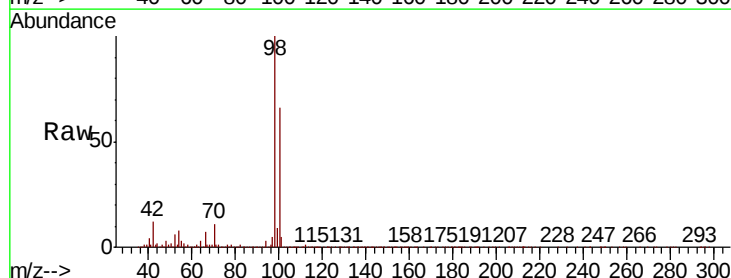
Instrument :
MSVOA_X
ClientSampleId :

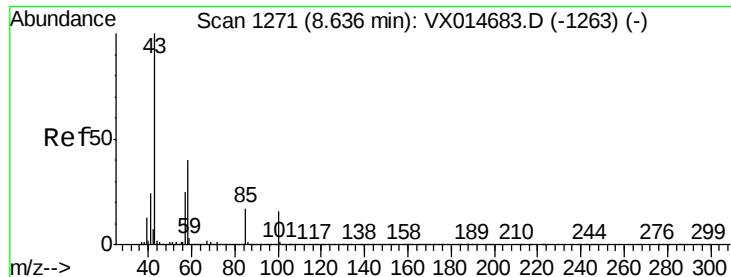
Tot Ion: 88 Resp: 180
Ion Ratio Lower Upper
88 100
43 1193.3 26.2 39.2#
58 256.7 56.6 85.0#



#50
Toluene-d8
Concen: 49.770 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014846.D
Acq: 06 Feb 2020 14:37

Tgt Ion: 98 Resp: 814496
Ion Ratio Lower Upper
98 100
100 65.6 53.0 79.6





#51

4-Methyl-2-Pentanone

Concen: 3.580 ug/l

RT: 8.67 min Scan# 1276

Delta R.T. 0.03 min

Lab File: VX014846.D

Acq: 06 Feb 2020 14:37

Instrument :

MSVOA_X

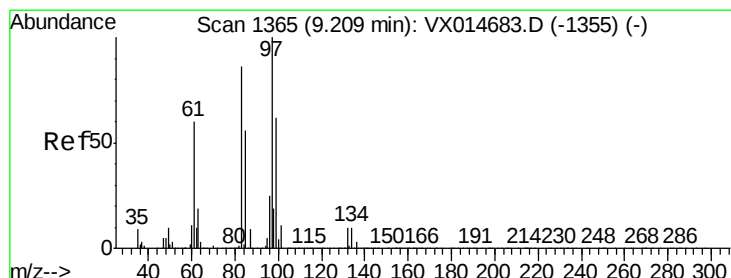
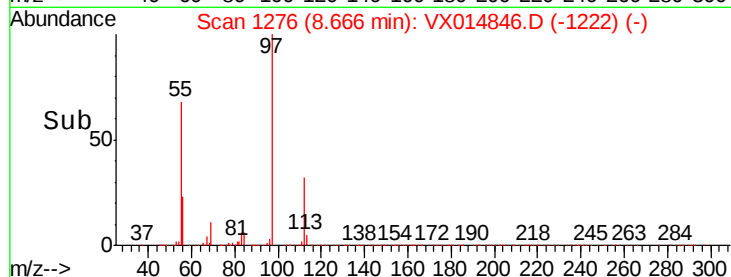
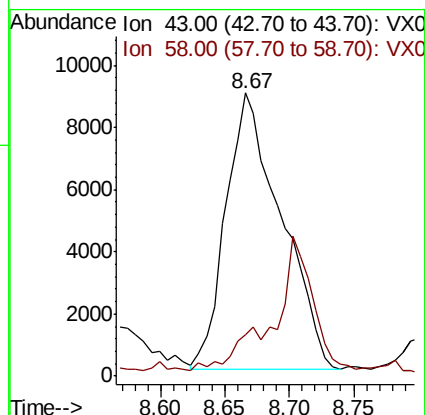
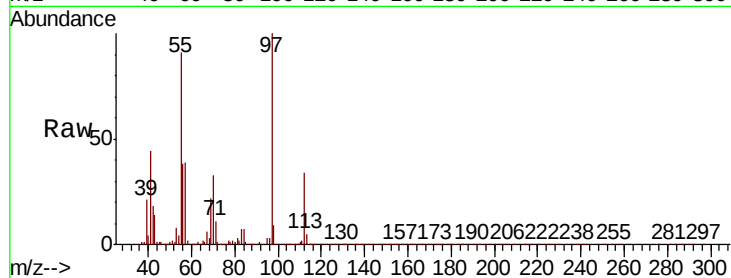
ClientSampled :

Tot Ion: 43 Resp: 26564

Ion Ratio Lower Upper

43 100

58 8.1 31.6 47.4#



#55

1,1,2-Trichloroethane

Concen: 14.318 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. -0.05 min

Lab File: VX014846.D

Acq: 06 Feb 2020 14:37

Tgt Ion: 97 Resp: 69798

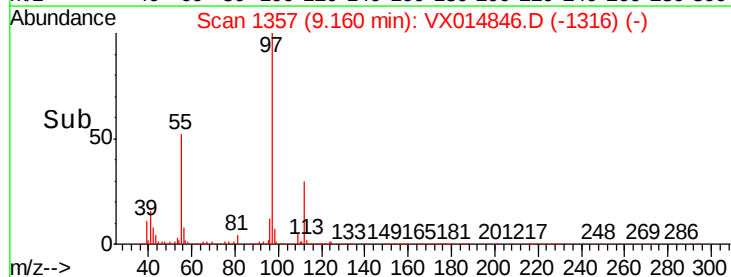
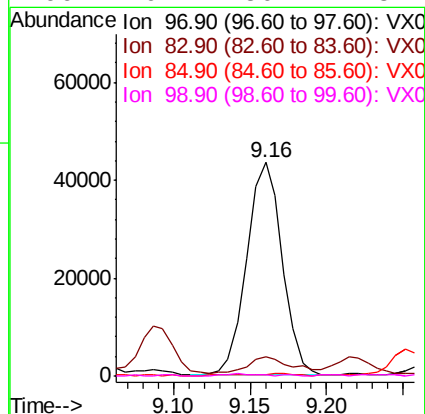
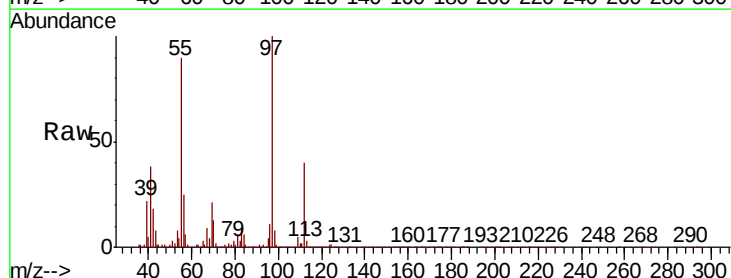
Ion Ratio Lower Upper

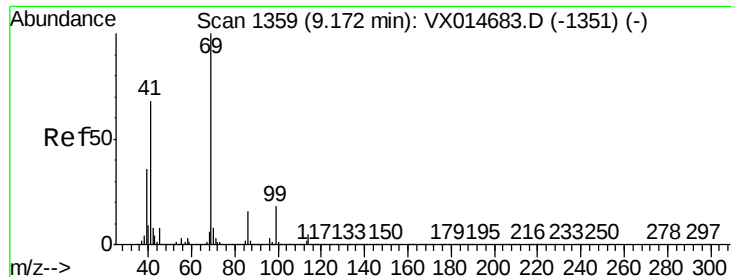
97 100

83 6.2 69.2 103.8#

85 0.4 44.6 67.0#

99 0.4 50.1 75.1#

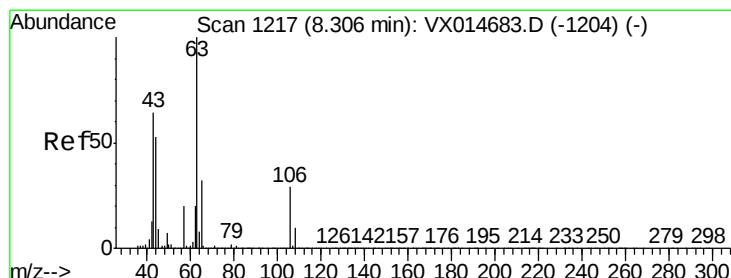
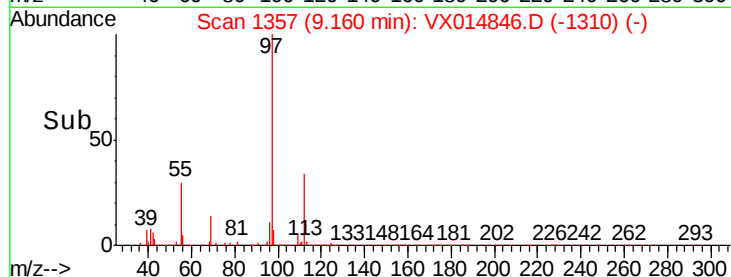
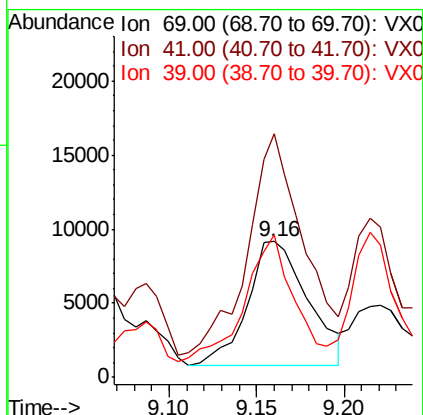
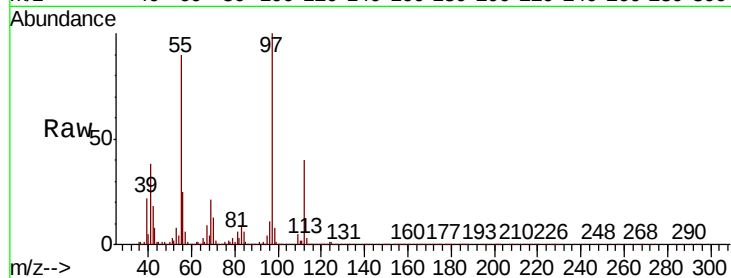




#56
Ethyl methacrylate
Concen: 4.113 ug/l
RT: 9.16 min Scan# 1357
Delta R.T. -0.01 min
Lab File: VX014846.D
Acq: 06 Feb 2020 14:37

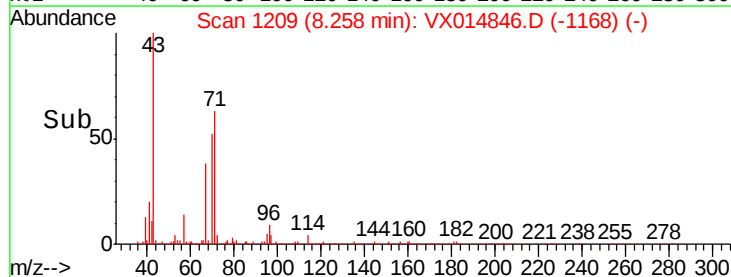
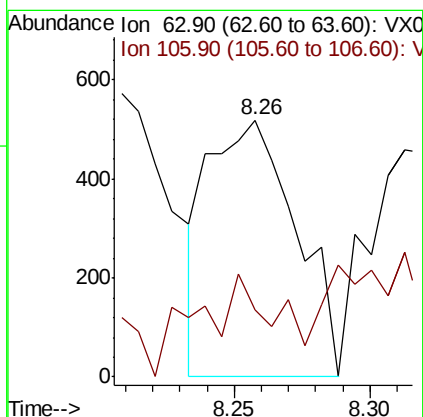
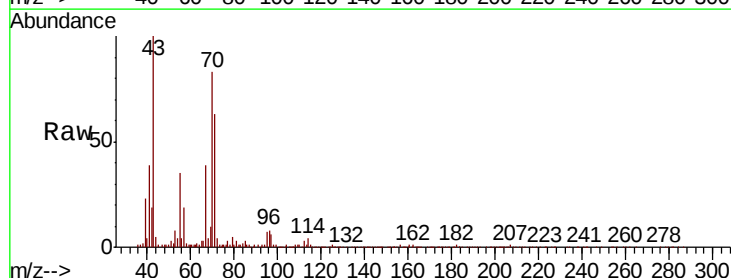
Instrument :
MSVOA_X
ClientSampleId :

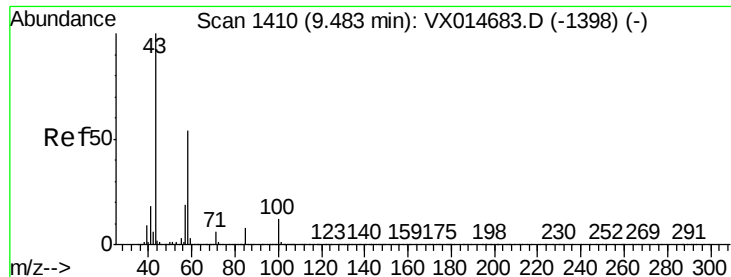
Tot Ion: 69 Resp: 19955
Ion Ratio Lower Upper
69 100
41 160.4 54.9 82.3#
39 83.3 29.3 43.9#



#58
2-Chloroethyl Vinyl ether
Concen: 0.474 ug/l
RT: 8.26 min Scan# 1209
Delta R.T. -0.05 min
Lab File: VX014846.D
Acq: 06 Feb 2020 14:37

Tgt Ion: 63 Resp: 1162
Ion Ratio Lower Upper
63 100
106 29.4 22.7 34.1

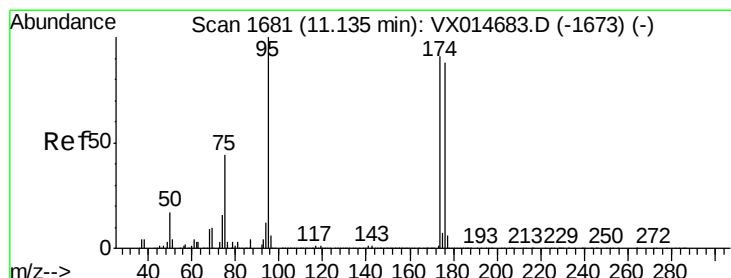
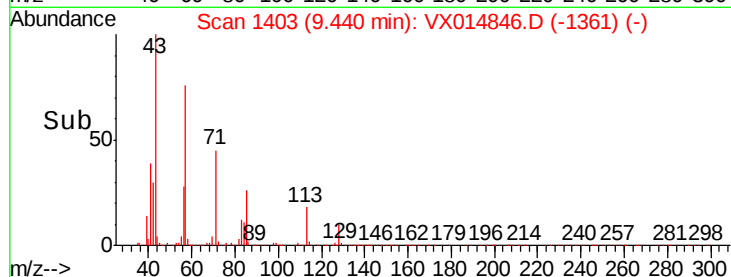
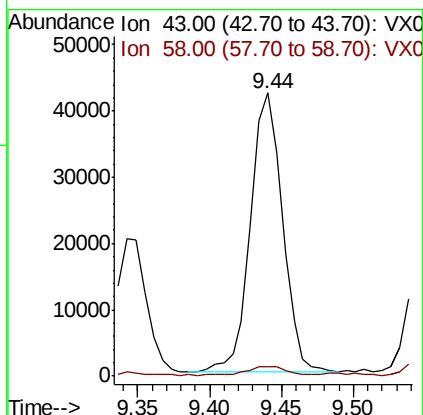
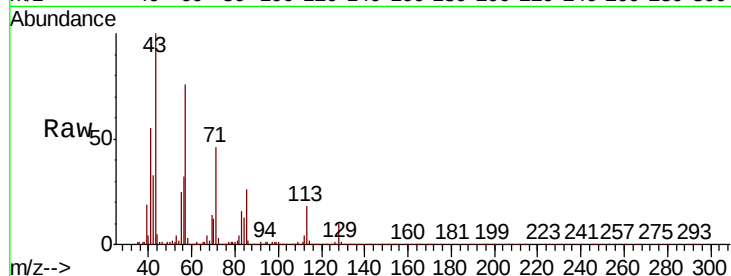




#59
2-Hexanone
Concen: 11.299 ug/l
RT: 9.44 min Scan# 1403
Delta R.T. -0.04 min
Lab File: VX014846.D
Acq: 06 Feb 2020 14:37

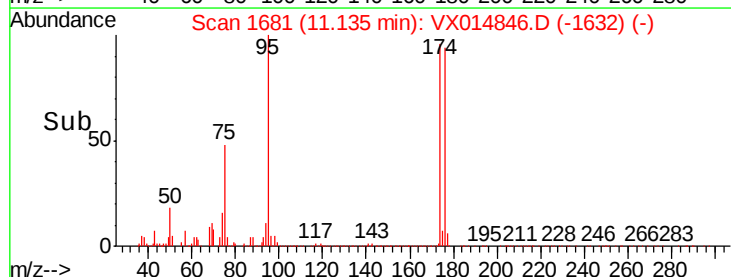
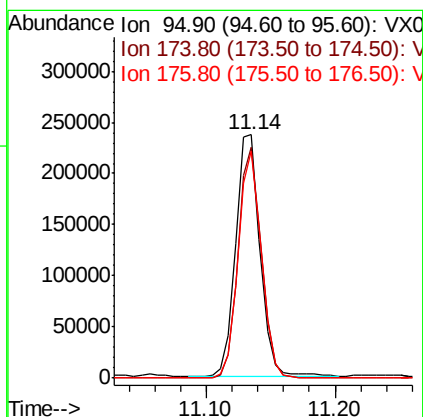
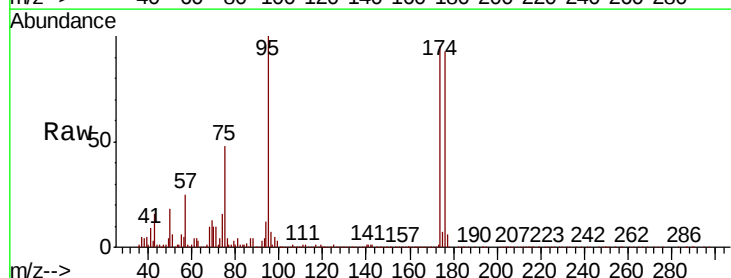
Instrument :
MSVOA_X
ClientSampleId :

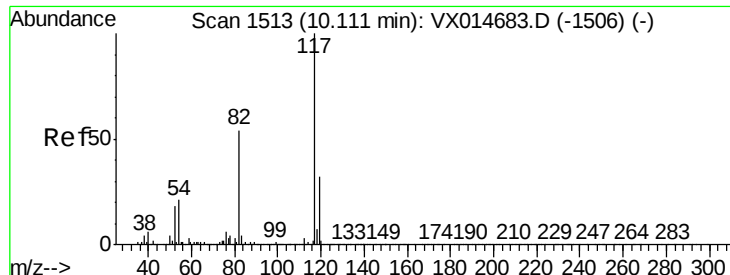
Tot Ion: 43 Resp: 65064
Ion Ratio Lower Upper
43 100
58 3.5 27.2 81.5#



#62
4-Bromofluorobenzene
Concen: 53.576 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX014846.D
Acq: 06 Feb 2020 14:37

Tgt Ion: 95 Resp: 312332
Ion Ratio Lower Upper
95 100
174 90.2 0.0 176.0
176 88.3 0.0 172.2

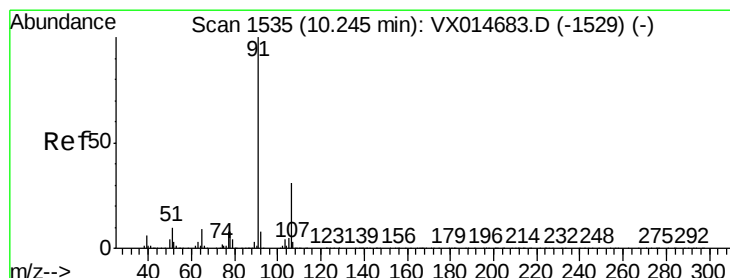
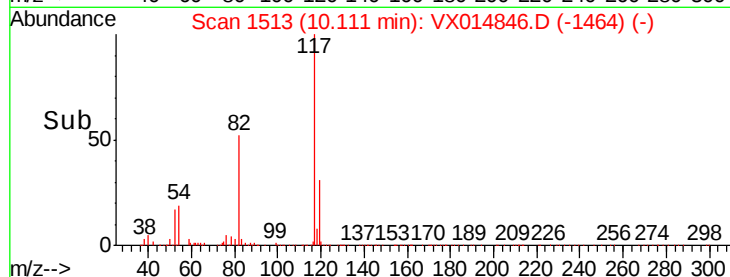
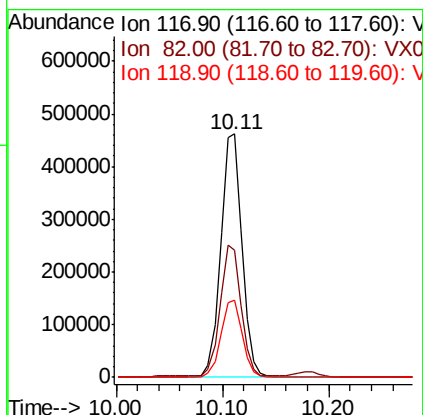
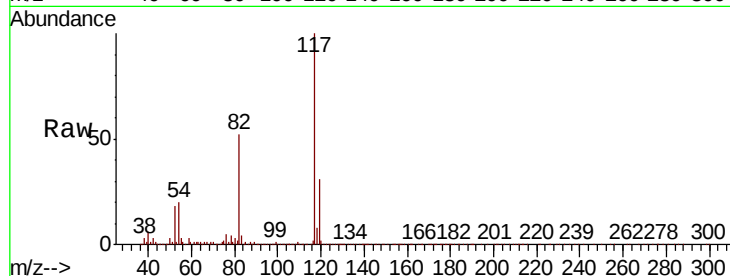




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014846.D
Acq: 06 Feb 2020 14:37

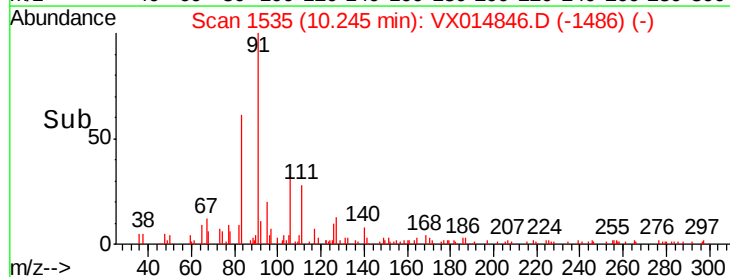
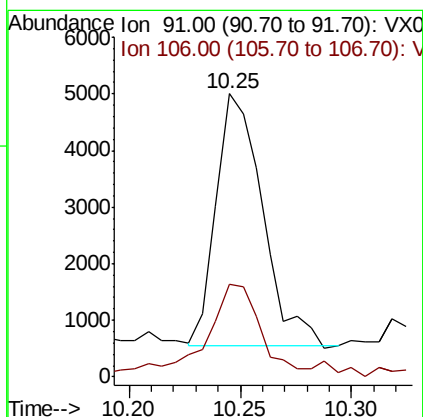
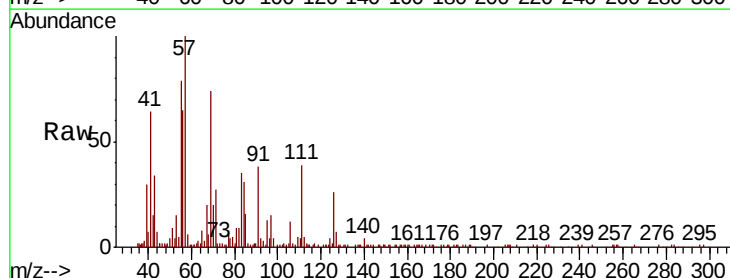
Instrument :
MSVOA_X
ClientSampleId :

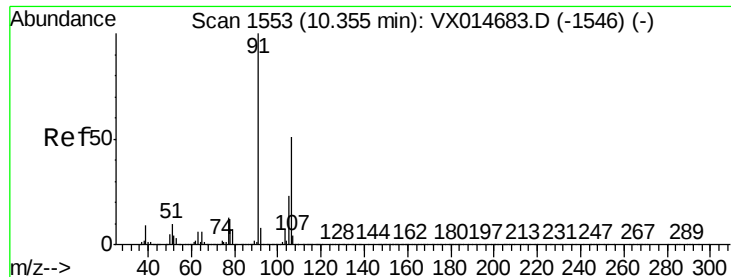
Tot Ion:117 Resp: 642046
Ion Ratio Lower Upper
117 100
82 51.7 43.2 64.8
119 31.5 25.8 38.6



#67
Ethyl Benzene
Concen: 0.272 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014846.D
Acq: 06 Feb 2020 14:37

Tgt Ion: 91 Resp: 6381
Ion Ratio Lower Upper
91 100
106 35.1 24.9 37.3





#68

m/p-Xvlenes

Concen: 0.205 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014846.D

Acq: 06 Feb 2020 14:37

Instrument :

MSVOA_X

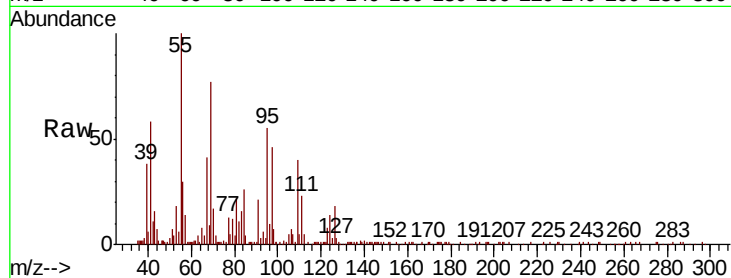
ClientSampleId :

Tot Ion:106 Resp: 1825

Ion Ratio Lower Upper

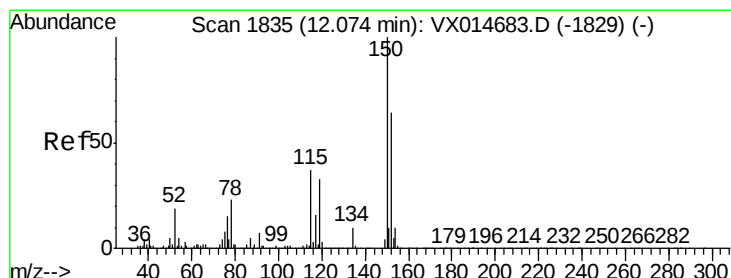
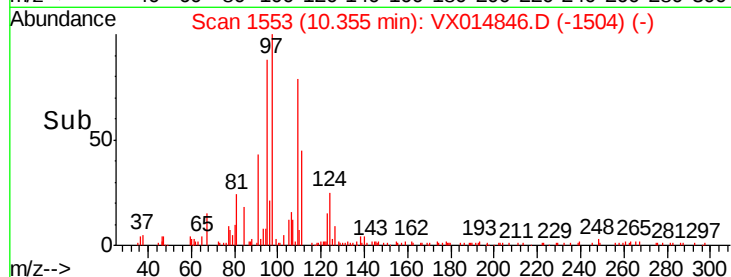
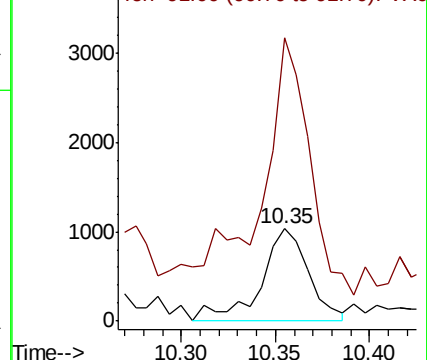
106 100

91 293.7 159.4 239.2#



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014846.D

Acq: 06 Feb 2020 14:37

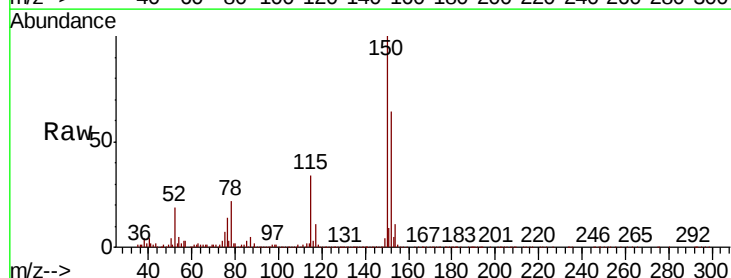
Tgt Ion:152 Resp: 335085

Ion Ratio Lower Upper

152 100

115 54.9 39.4 118.1

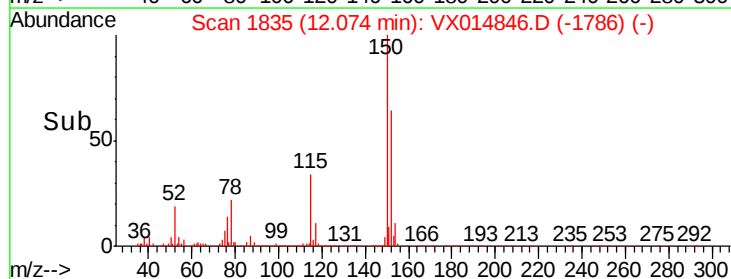
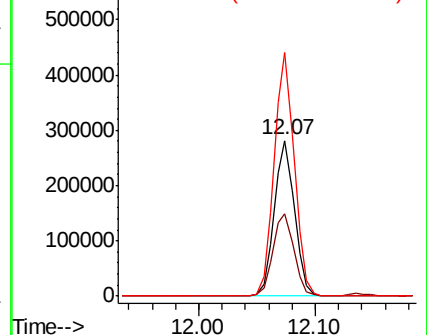
150 155.8 0.0 351.2

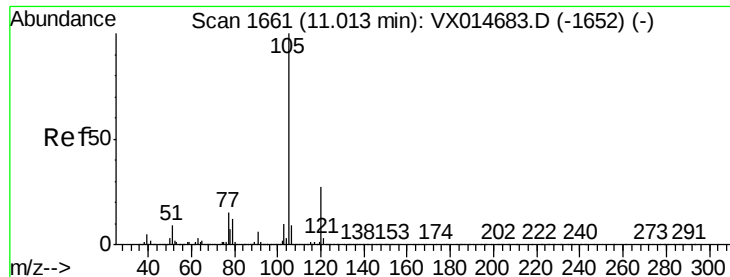


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

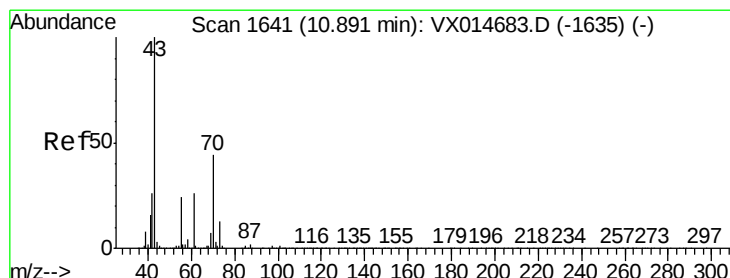
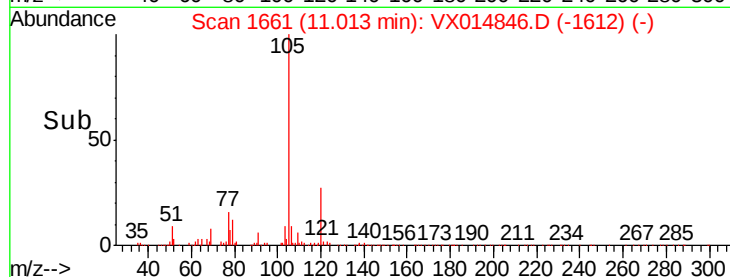
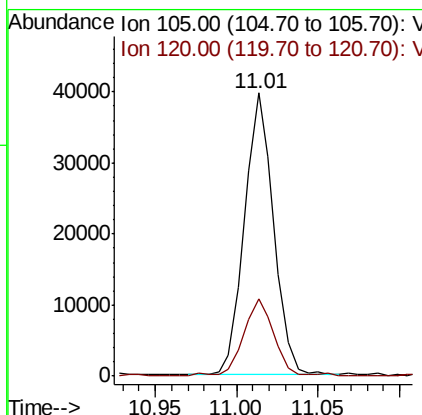
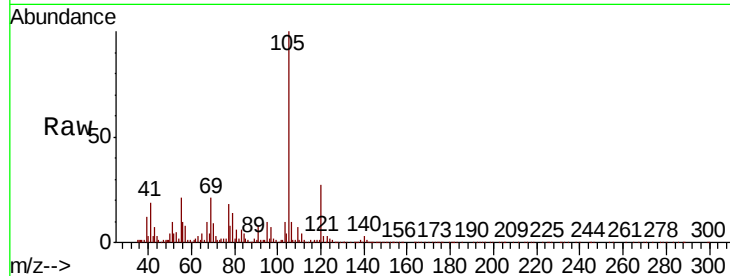




#73
Isopropylbenzene
Concen: 2.095 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX014846.D
Acq: 06 Feb 2020 14:37

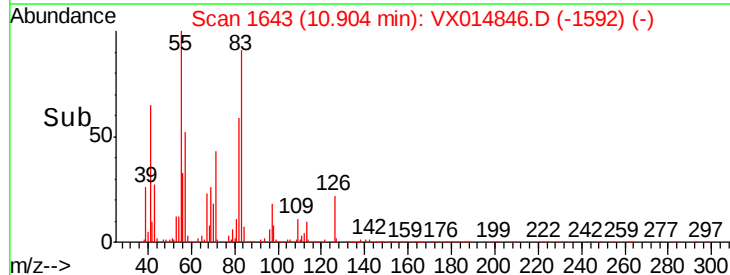
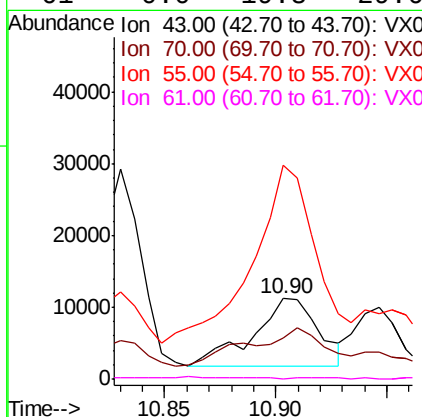
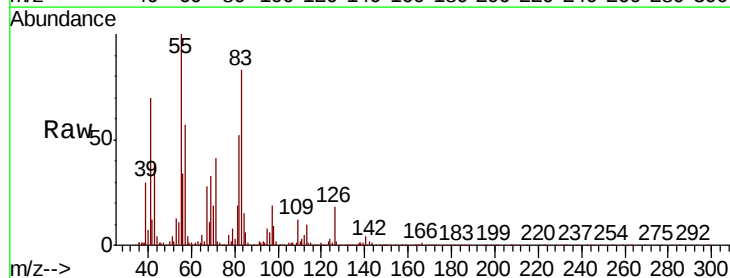
Instrument :
MSVOA_X
ClientSampleId :

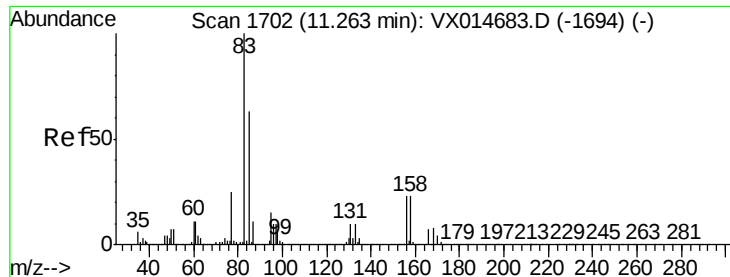
Tot Ion: 105 Resp: 49361
Ion Ratio Lower Upper
105 100
120 29.0 13.5 40.5



#74
N-ethyl acetate
Concen: 1.842 ug/l
RT: 10.90 min Scan# 1643
Delta R.T. 0.01 min
Lab File: VX014846.D
Acq: 06 Feb 2020 14:37

Tgt Ion: 43 Resp: 19014
Ion Ratio Lower Upper
43 100
70 68.0 34.6 52.0#
55 256.3 19.4 29.2#
61 0.0 19.8 29.6#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.472 ug/l

RT: 11.27 min Scan# 1703

Delta R.T. 0.01 min

Lab File: VX014846.D

Acq: 06 Feb 2020 14:37

Instrument :

MSVOA_X

ClientSampleId :

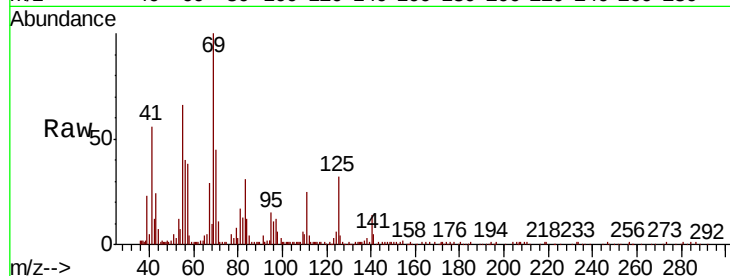
Tot Ion: 83 Resp: 3971

Ion Ratio Lower Upper

83 100

131 6.1 5.0 15.0

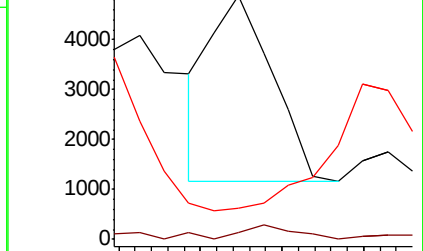
85 0.0 31.7 95.1#



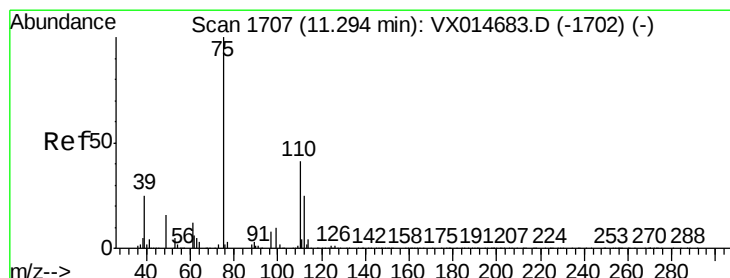
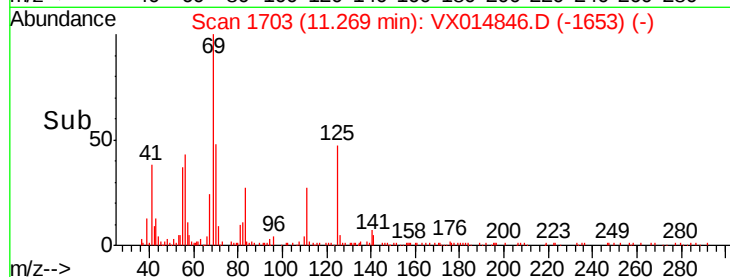
Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



Time--> 11.24 11.26 11.28 11.30



#76

1,2,3-Trichloropropane

Concen: 19.650 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX014846.D

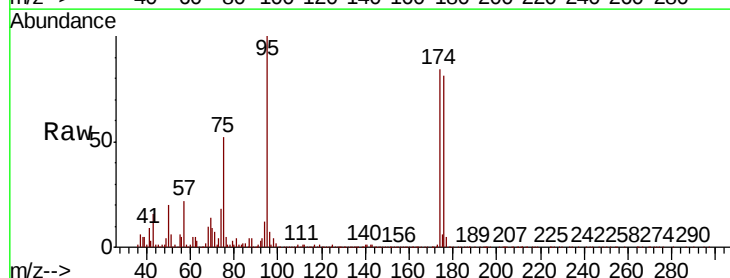
Acq: 06 Feb 2020 14:37

Tgt Ion: 75 Resp: 153188

Ion Ratio Lower Upper

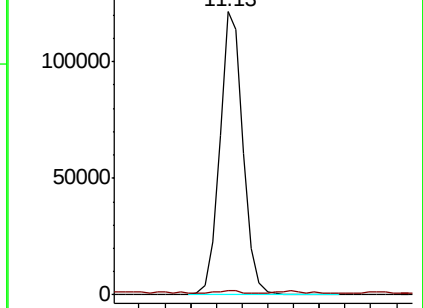
75 100

77 1.0 18.7 56.1#

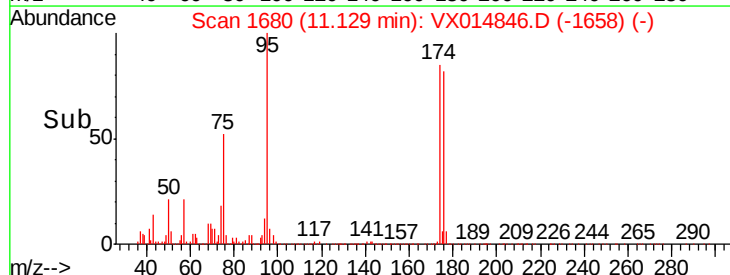


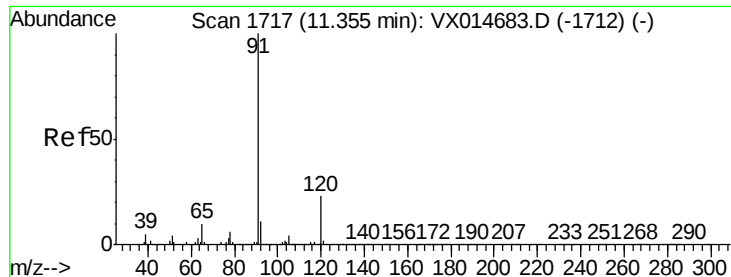
Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



Time--> 11.10 11.20





#78

n-propylbenzene

Concen: 11.207 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014846.D

Acq: 06 Feb 2020 14:37

Instrument :

MSVOA_X

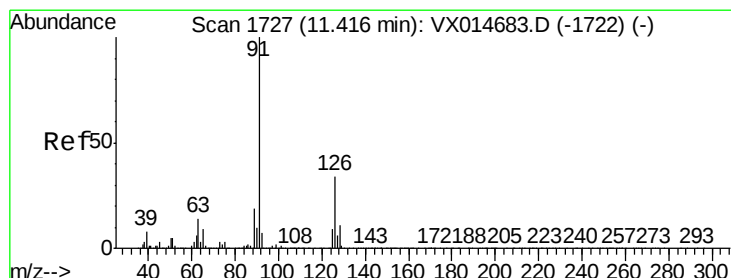
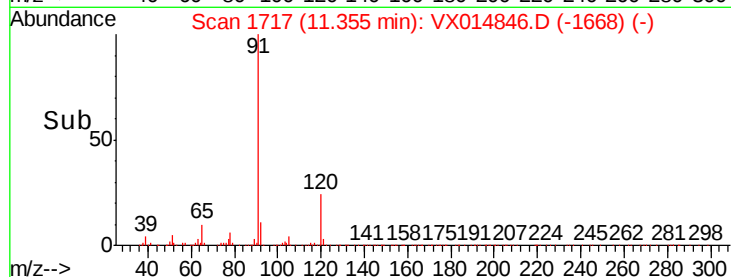
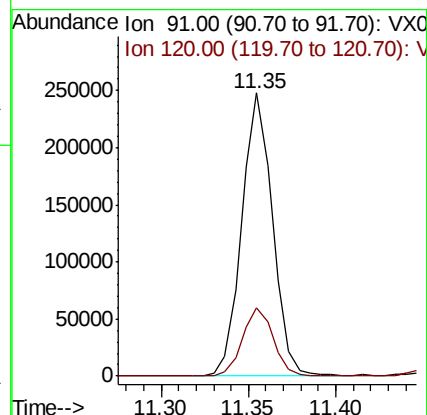
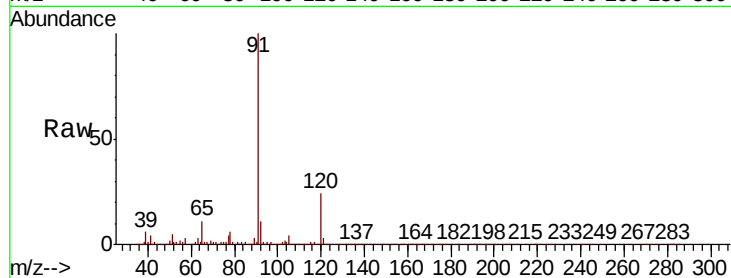
ClientSampleId :

Tot Ion: 91 Resp: 299724

Ion Ratio Lower Upper

91 100

120 24.4 11.7 35.0



#79

2-Chlorotoluene

Concen: 18.522 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.06 min

Lab File: VX014846.D

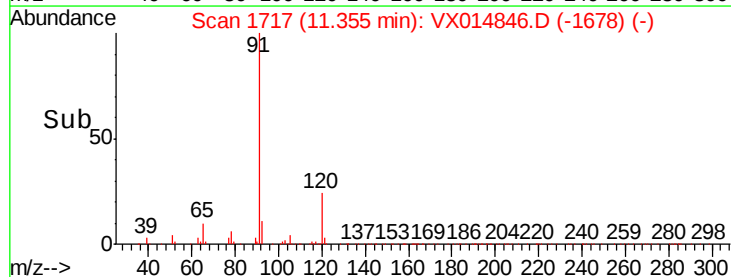
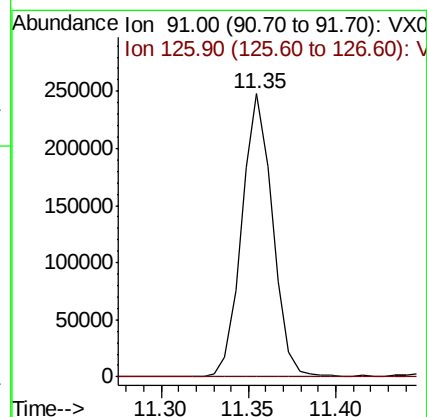
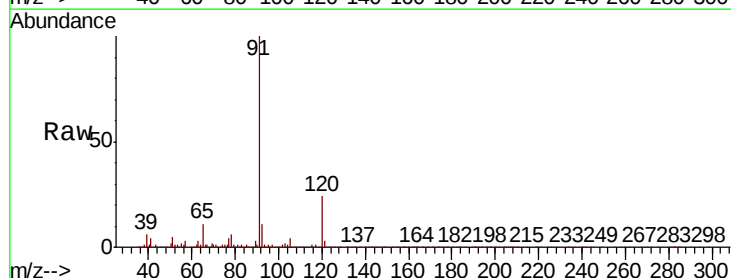
Acq: 06 Feb 2020 14:37

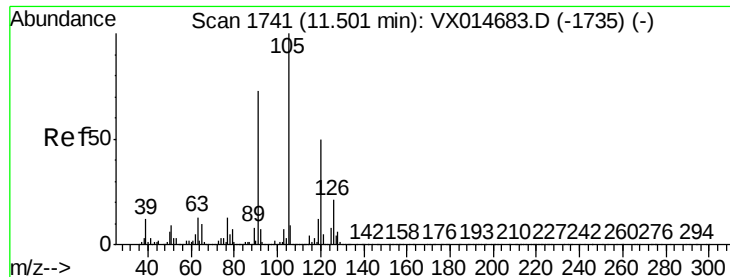
Tgt Ion: 91 Resp: 299724

Ion Ratio Lower Upper

91 100

126 0.0 17.3 51.9#

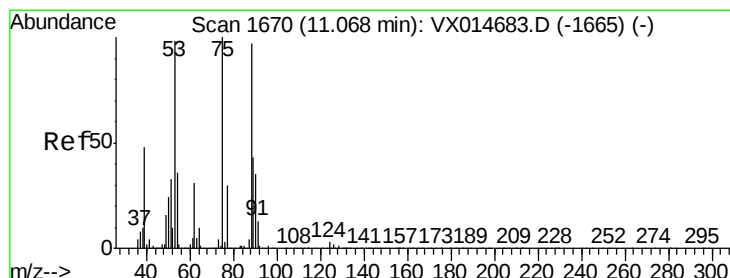
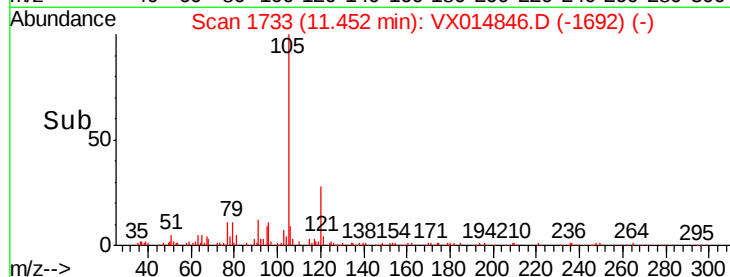
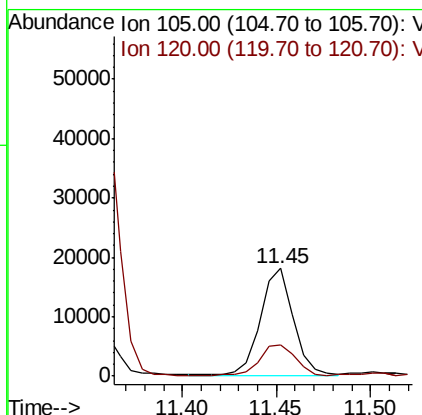
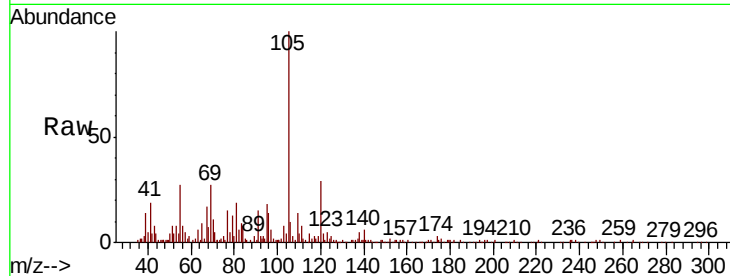




#80
 1,3,5-Trimethylbenzene
 Concen: 1.111 ug/l
 RT: 11.45 min Scan# 1733
 Delta R.T. -0.05 min
 Lab File: VX014846.D
 Acq: 06 Feb 2020 14:37

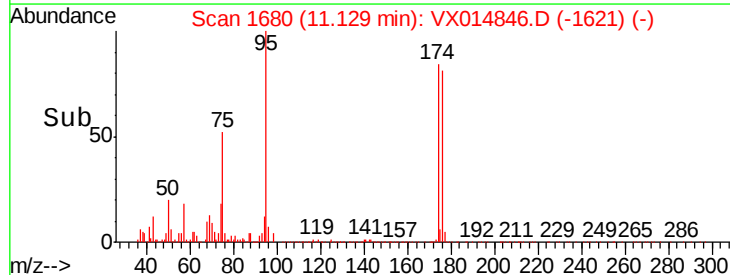
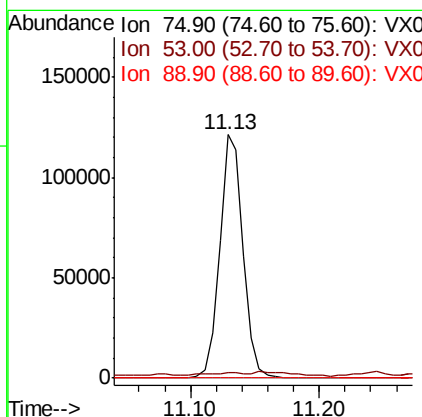
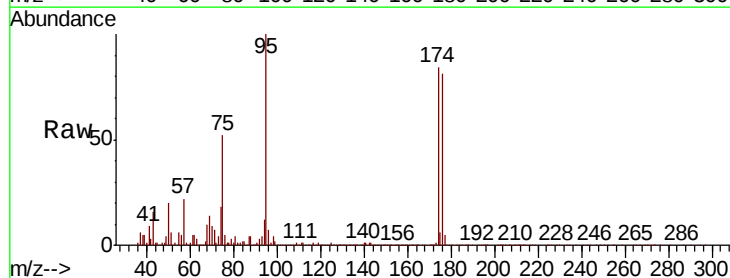
Instrument :
 MSVOA_X
 ClientSampled :

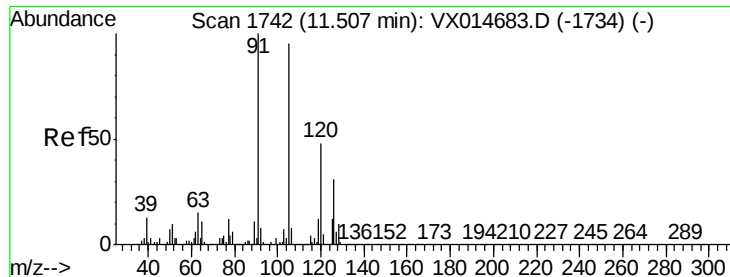
Tot Ion:105 Resp: 21735
 Ion Ratio Lower Upper
 105 100
 120 30.6 24.9 74.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 55.919 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. 0.06 min
 Lab File: VX014846.D
 Acq: 06 Feb 2020 14:37

Tgt Ion: 75 Resp: 153188
 Ion Ratio Lower Upper
 75 100
 53 2.2 78.8 118.2#
 89 0.0 35.4 53.0#





#82

4-Chlorotoluene

Concen: 16.270 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.15 min

Lab File: VX014846.D

Acq: 06 Feb 2020 14:37

Instrument :

MSVOA_X

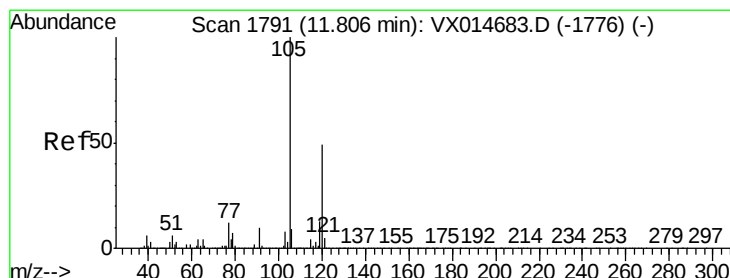
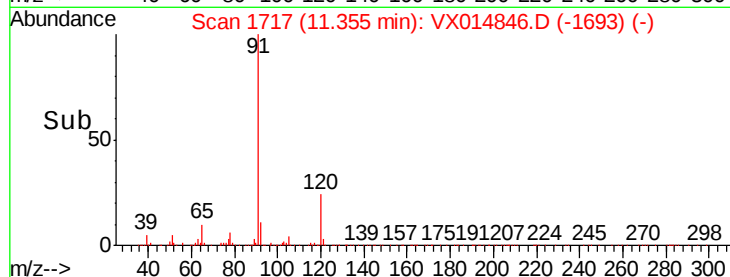
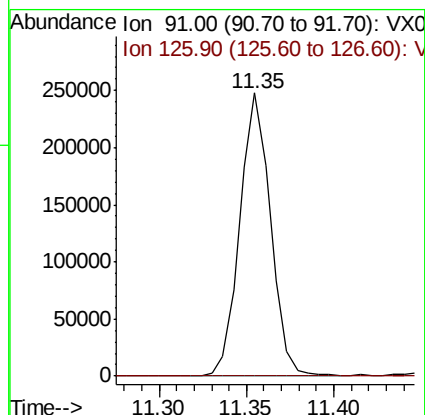
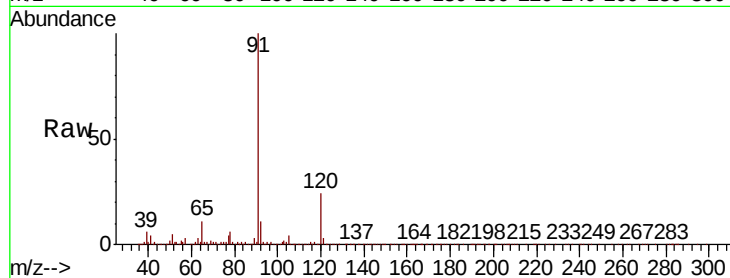
ClientSampled :

Tot Ion: 91 Resp: 299724

Ion Ratio Lower Upper

91 100

126 0.0 15.4 46.4#



#84

1,2,4-Trimethylbenzene

Concen: 0.494 ug/l

RT: 11.81 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX014846.D

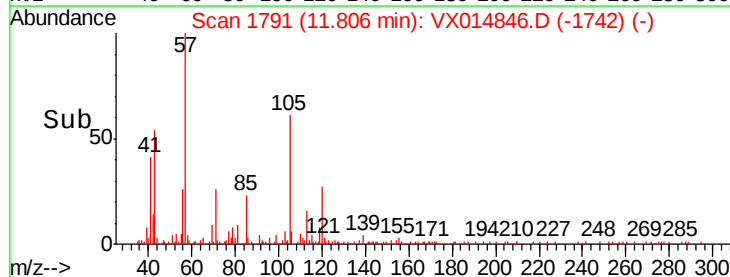
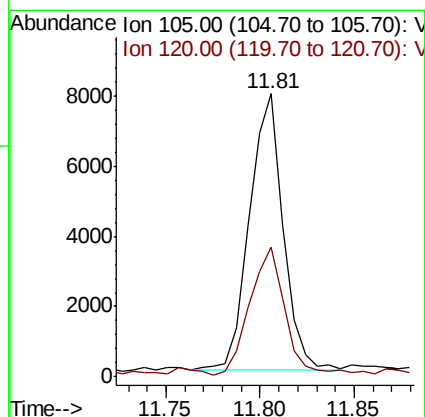
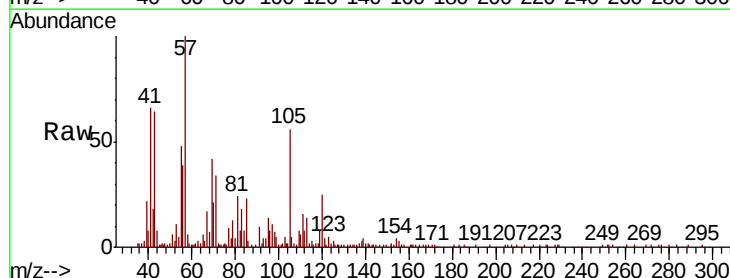
Acq: 06 Feb 2020 14:37

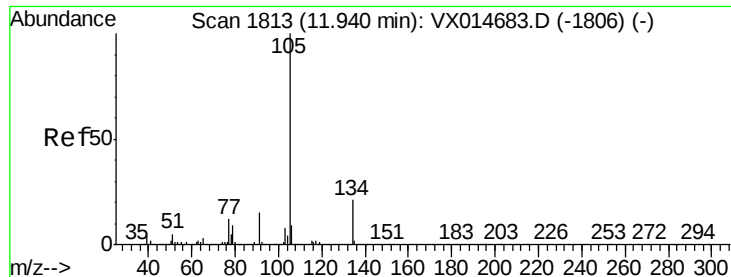
Tgt Ion: 105 Resp: 9697

Ion Ratio Lower Upper

105 100

120 48.2 23.4 70.0





#85

sec-Butylbenzene

Concen: 1.936 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014846.D

Acq: 06 Feb 2020 14:37

Instrument :

MSVOA_X

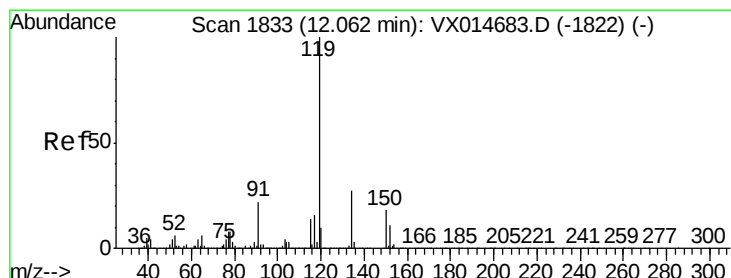
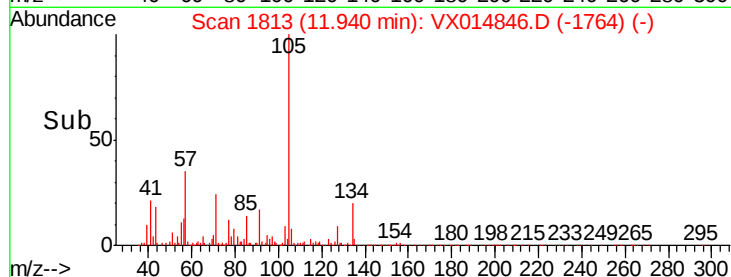
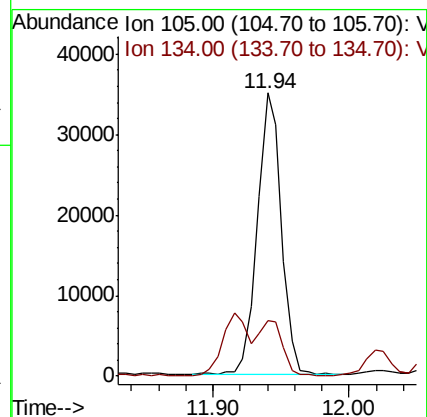
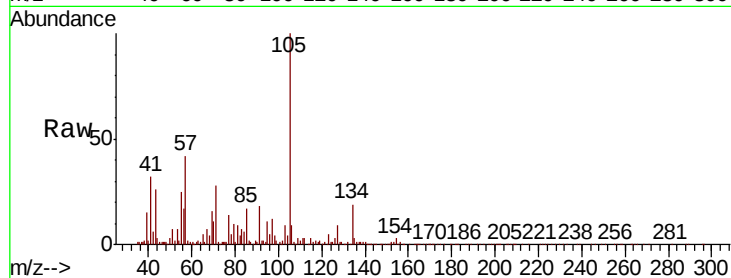
ClientSampleId :

Tot Ion:105 Resp: 43584

Ion Ratio Lower Upper

105 100

134 19.6 10.3 30.8



#86

p-Isopropyltoluene

Concen: 0.734 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.04 min

Lab File: VX014846.D

Acq: 06 Feb 2020 14:37

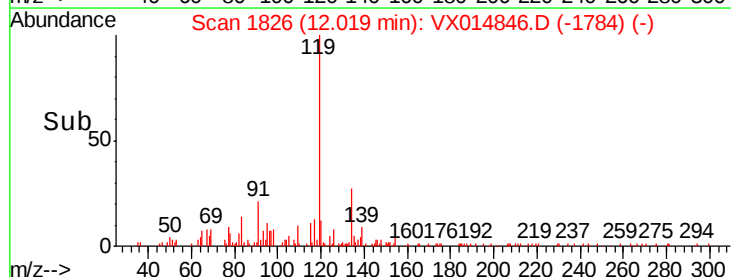
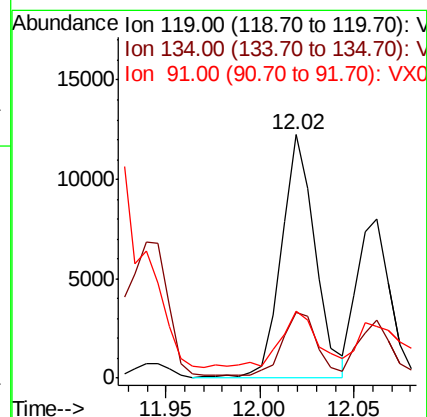
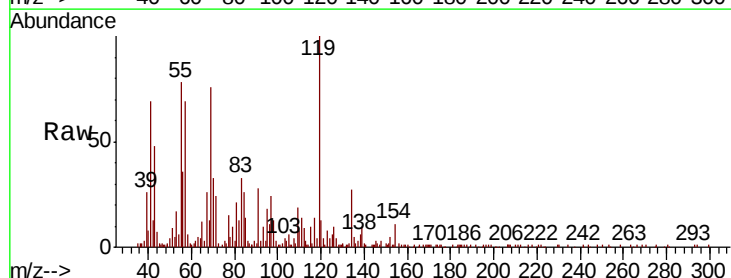
Tgt Ion:119 Resp: 15260

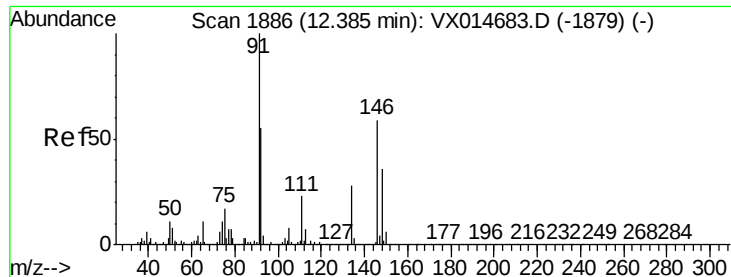
Ion Ratio Lower Upper

119 100

134 27.1 13.5 40.4

91 25.8 11.3 33.8





#89

n-Butylbenzene

Concen: 5.829 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014846.D

Acq: 06 Feb 2020 14:37

Instrument :

MSVOA_X

ClientSampled :

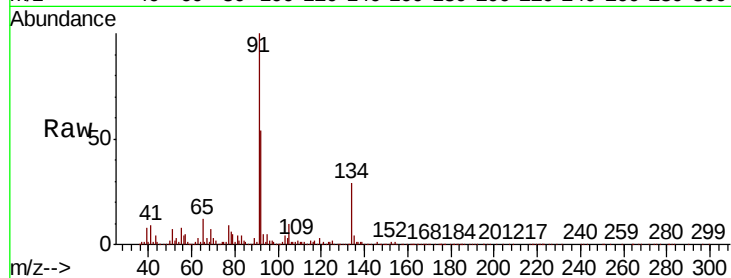
Tot Ion: 91 Resp: 105621

Ion Ratio Lower Upper

91 100

92 47.3 27.6 82.7

134 0.0 13.3 39.8#

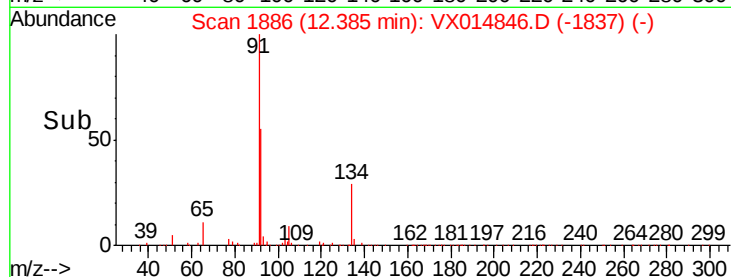


Abundance Ion 91.00 (90.70 to 91.70): VX014846.D (-1879) (-)

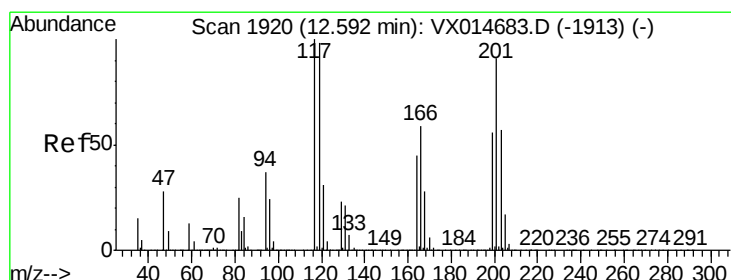
Ion 92.00 (91.70 to 92.70): VX014846.D (-1879) (-)

Ion 134.00 (133.70 to 134.70): VX014846.D (-1879) (-)

Time-->



Time-->



#90

Hexachloroethane

Concen: 11.327 ug/l

RT: 12.66 min Scan# 1931

Delta R.T. 0.07 min

Lab File: VX014846.D

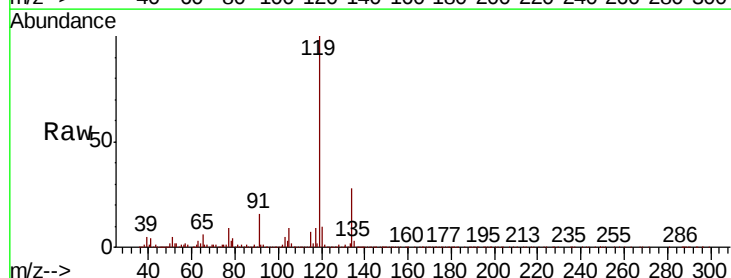
Acq: 06 Feb 2020 14:37

Tgt Ion: 117 Resp: 43769

Ion Ratio Lower Upper

117 100

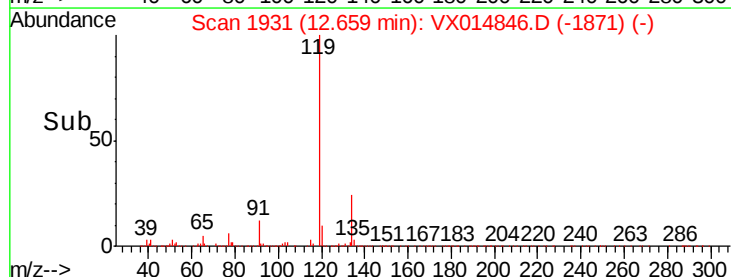
201 0.2 44.4 133.1#



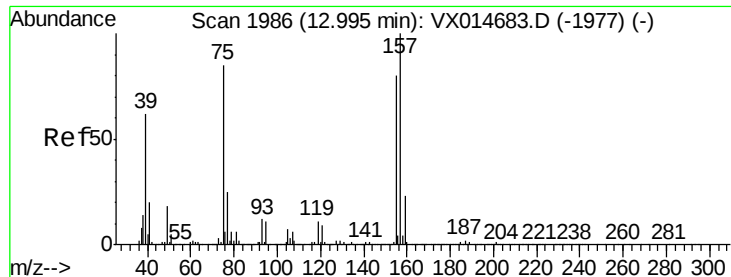
Abundance Ion 116.80 (116.50 to 117.50): VX014846.D (-1871) (-)

Ion 200.70 (200.40 to 201.40): VX014846.D (-1871) (-)

Time-->



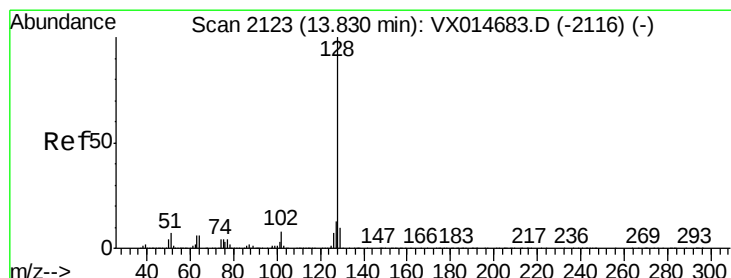
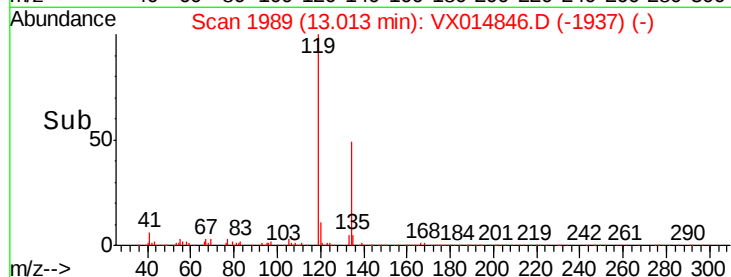
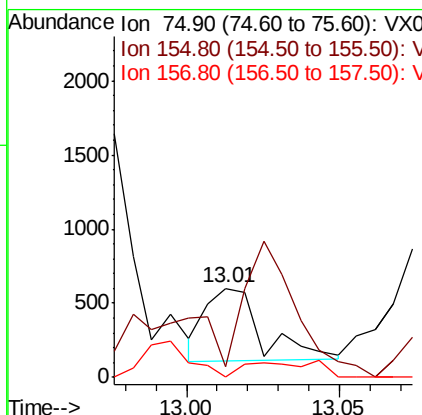
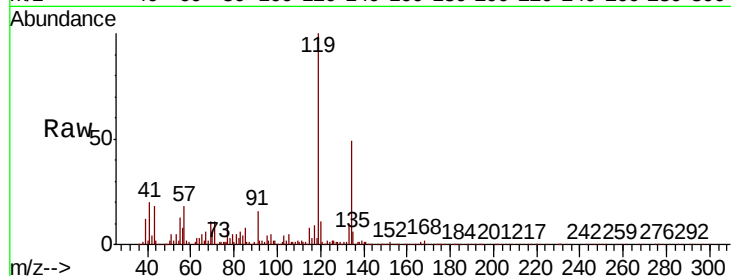
Time-->



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.344 ug/l
 RT: 13.01 min Scan# 1989
 Delta R.T. 0.02 min
 Lab File: VX014846.D
 Acq: 06 Feb 2020 14:37

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 75 Resp: 621
 Ion Ratio Lower Upper
 75 100
 155 175.0 45.6 136.9#
 157 0.0 60.3 180.9#



#95
 Naphthalene
 Concen: 3.073 ug/l
 RT: 13.83 min Scan# 2123
 Delta R.T. 0.00 min
 Lab File: VX014846.D
 Acq: 06 Feb 2020 14:37

Tgt Ion: 128 Resp: 51254
 Ion Ratio Lower Upper
 128 100
 127 14.3 10.3 15.5
 129 17.5 8.6 12.8#

