

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020520\
 Data File : VX014833.D
 Acq On : 05 Feb 2020 19:23
 Operator : JC/SP
 Sample : L1329-16
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 06 02:57:52 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	422259	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	660529	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	619684	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	317388	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	244649	49.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.22%	
35) Dibromofluoromethane	5.49	113	198145	47.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.08%	
50) Toluene-d8	8.71	98	796489	49.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.42%	
62) 4-Bromofluorobenzene	11.13	95	291677	51.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.20%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	426	0.606	ug/l #	42
6) Chloroethane	1.71	64	584	Below Cal	#	43
8) Diethyl Ether	2.18	74	1321	0.421	ug/l #	1
11) Tert butyl alcohol	3.03	59	29274	26.443	ug/l	99
13) Acrolein	2.28	56	634	0.726	ug/l #	14
14) Allyl chloride	2.69	41	1796	0.238	ug/l #	34
16) Acetone	2.43	43	1054533	390.121	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	79693	5.796	ug/l	97
20) Methylene Chloride	2.85	84	2346	0.469	ug/l #	64
22) Diisopropyl ether	3.84	45	27249	1.815	ug/l #	88
23) Vinyl Acetate	3.84	43	14613	1.277	ug/l #	73
25) 2-Butanone	4.66	43	92758	23.956	ug/l	94
29) Tetrahydrofuran	5.12	42	1332	0.580	ug/l #	44
31) Cyclohexane	5.57	56	5189	0.677	ug/l #	81
36) 1,1-Dichloropropene	5.65	75	29342	4.781	ug/l #	52
37) Ethyl Acetate	4.83	43	21124	3.005	ug/l #	93
38) Carbon Tetrachloride	5.65	117	37357	6.373	ug/l #	15
39) Methylcyclohexane	7.46	83	11230	1.461	ug/l	97
40) Benzene	6.14	78	461610	24.341	ug/l	100
41) Methacrylonitrile	5.00	41	176	Below Cal	#	1
42) 1,2-Dichloroethane	6.14	62	5072	0.775	ug/l	84
43) Isopropyl Acetate	6.43	43	3684	0.320	ug/l #	23
49) 1,4-Dioxane	7.72	88	90	0.772	ug/l #	1
51) 4-Methyl-2-Pentanone	8.64	43	33835	4.657	ug/l	99
52) Toluene	8.78	92	2302635	197.528	ug/l	100
53) t-1,3-Dichloropropene	8.78	75	25473	3.812	ug/l #	1
55) 1,1,2-Trichloroethane	9.16	97	4134	0.866	ug/l #	20
56) Ethyl methacrylate	9.18	69	2851	2.124	ug/l #	23
59) 2-Hexanone	9.49	43	8057	1.429	ug/l	92
61) 1,2-Dibromoethane	9.77	107	1015	0.201	ug/l	99
67) Ethyl Benzene	10.25	91	1636396	72.304	ug/l	100
68) m/p-Xylenes	10.36	106	2982276	347.822	ug/l	97
69) o-Xylene	10.70	106	1984895	239.795	ug/l	97
70) Styrene	10.70	104	100775	7.258	ug/l #	1

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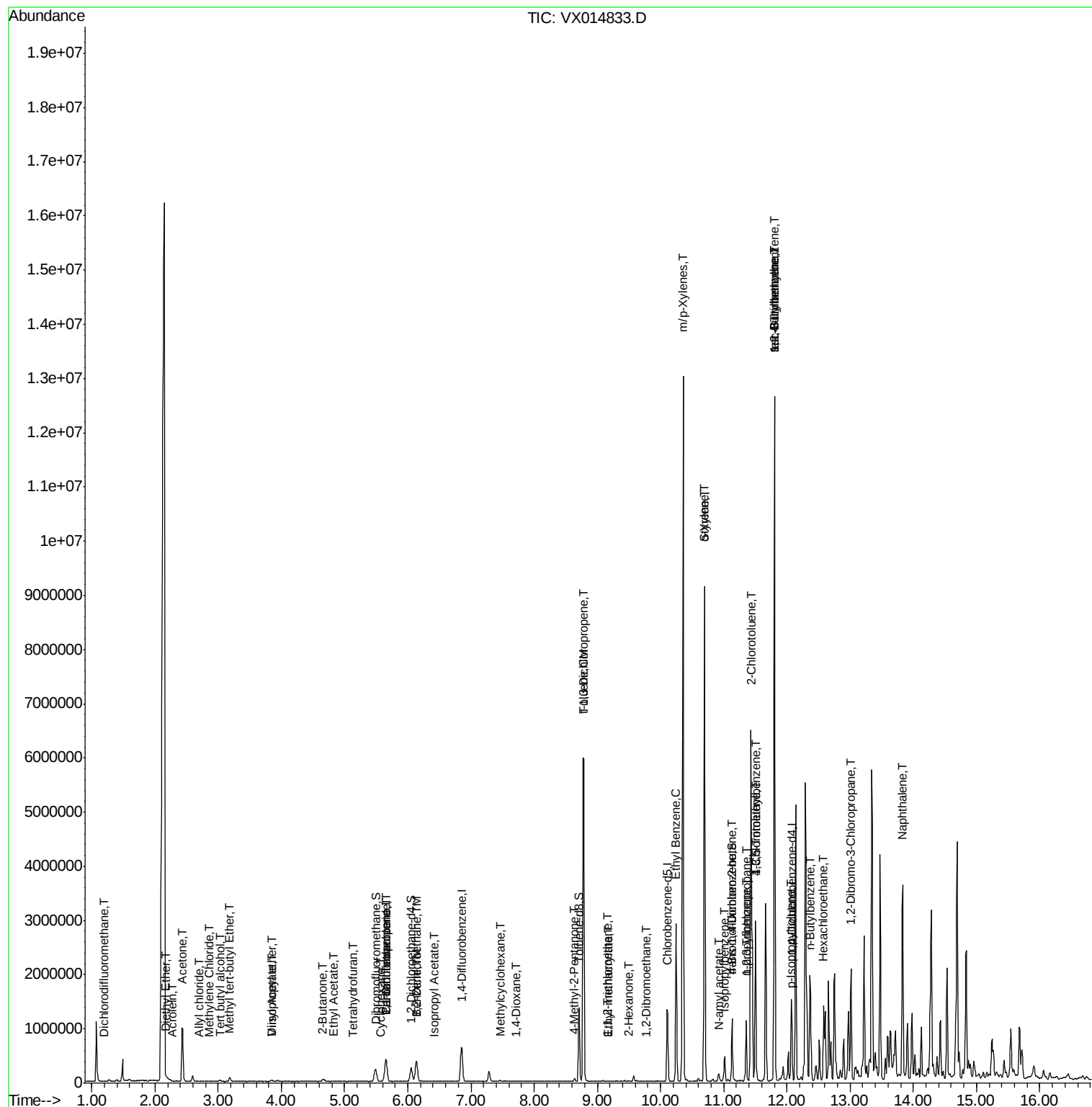
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
73) Isopropylbenzene	11.01	105	222695	9.979	uq/l	99
74) N-amyl acetate	10.92	43	29243	2.990	uq/l #	61
76) 1,2,3-Trichloropropane	11.35	75	4857	0.658	uq/l #	1
78) n-propylbenzene	11.35	91	643230	25.392	uq/l	100
79) 2-Chlorotoluene	11.43	91	502399	32.778	uq/l #	40
80) 1,3,5-Trimethylbenzene	11.50	105	1231663	66.497	uq/l	99
81) trans-1,4-Dichloro-2-buten	11.13	75	143777	55.410	uq/l #	10
82) 4-Chlorotoluene	11.50	91	128869	7.385	uq/l #	44
83) tert-Butylbenzene	11.80	119	688875	39.580	uq/l #	64
84) 1,2,4-Trimethylbenzene	11.80	105	5409044	291.148	uq/l	98
85) sec-Butylbenzene	11.80	105	5408833	253.677	uq/l #	56
86) p-Isopropyltoluene	12.06	119	83872	4.256	uq/l	98
89) n-Butylbenzene	12.38	91	272604	15.884	uq/l #	23
90) Hexachloroethane	12.58	117	55488	15.161	uq/l #	5
92) 1,2-Dibromo-3-Chloropropan	13.01	75	6190	3.616	uq/l #	2
95) Naphthalene	13.83	128	2209867	98.408	uq/l	99

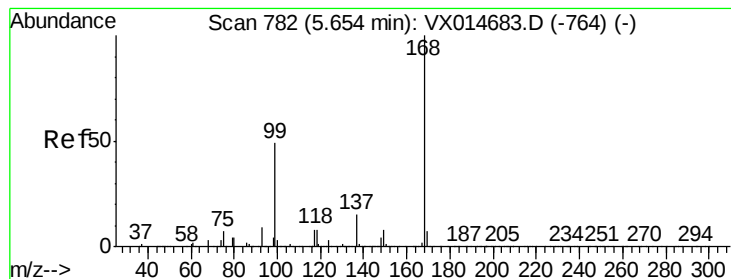
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX014833.D

Acq: 05 Feb 2020 19:23

Instrument :

MSVOA_X

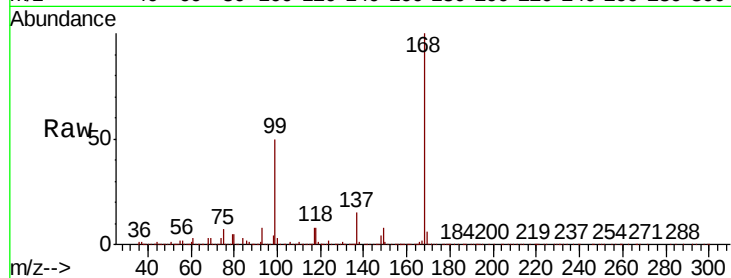
ClientSampleId :

Tot Ion:168 Resp: 422259

Ion Ratio Lower Upper

168 100

99 50.0 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

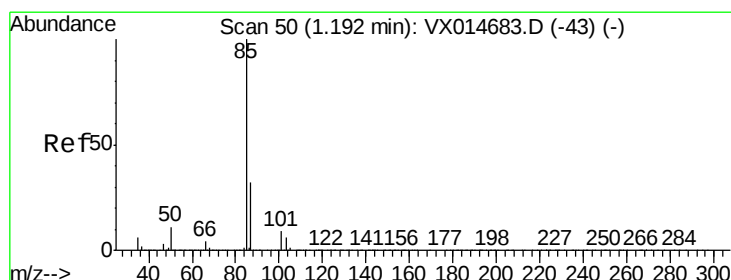
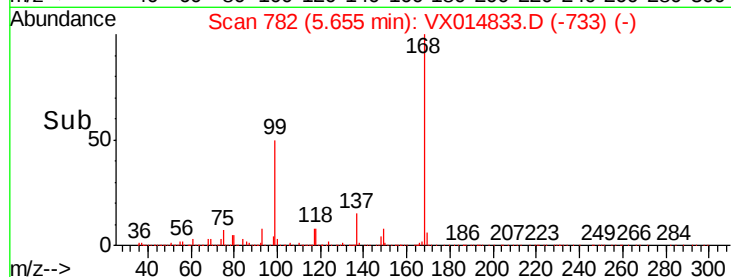
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 0.606 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014833.D

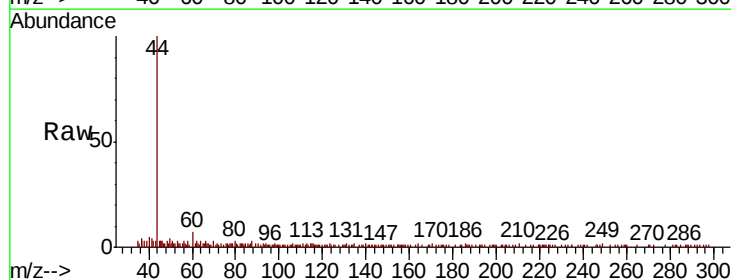
Acq: 05 Feb 2020 19:23

Tgt Ion: 85 Resp: 426

Ion Ratio Lower Upper

85 100

87 64.9 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

400

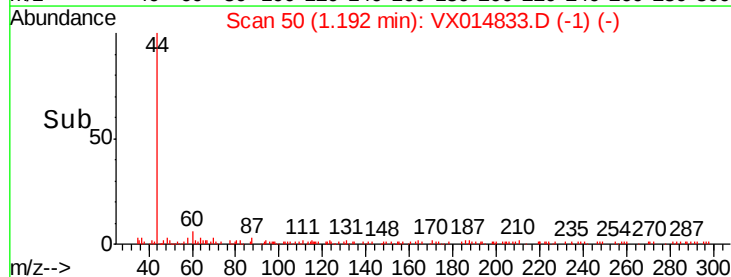
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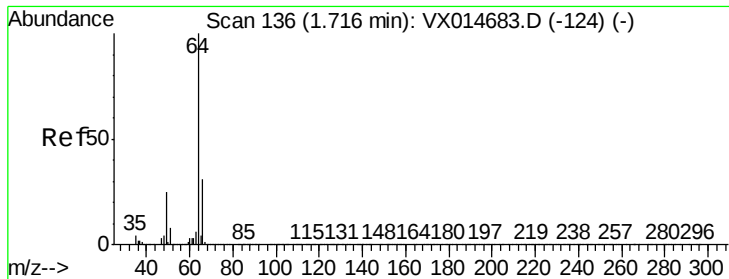
200

100

0

Time-->





#6

Chloroethane

Concen: Below Cal

RT: 1.71 min Scan# 135

Delta R.T. -0.01 min

Lab File: VX014833.D

Acq: 05 Feb 2020 19:23

Instrument :

MSVOA_X

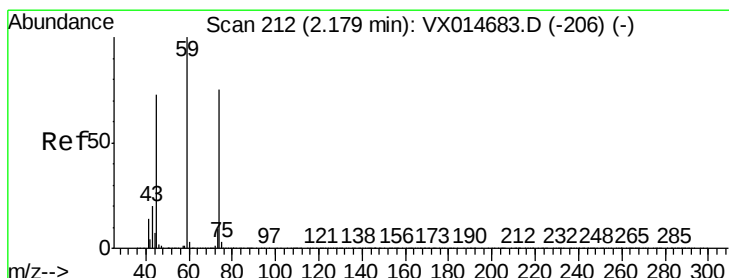
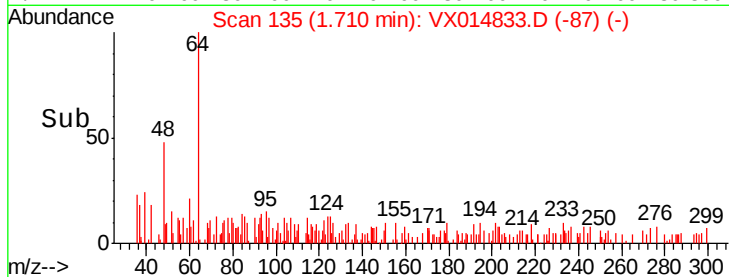
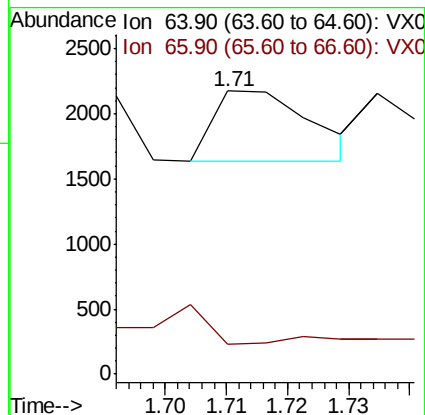
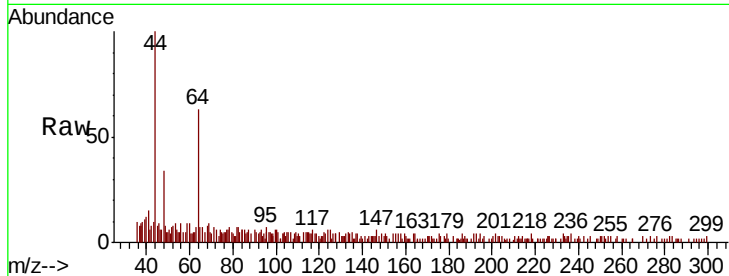
ClientSampleId :

Tot Ion: 64 Resp: 584

Ion Ratio Lower Upper

64 100

66 0.0 25.2 37.8#



#8

Diethyl Ether

Concen: 0.421 ug/l

RT: 2.18 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX014833.D

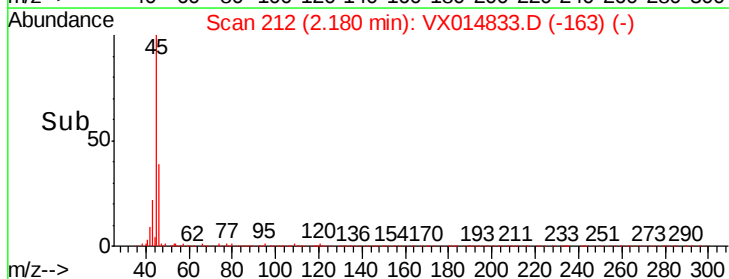
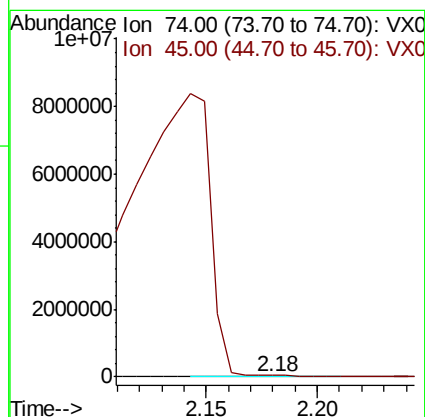
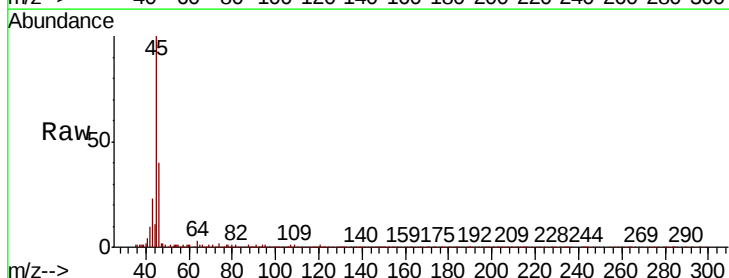
Acq: 05 Feb 2020 19:23

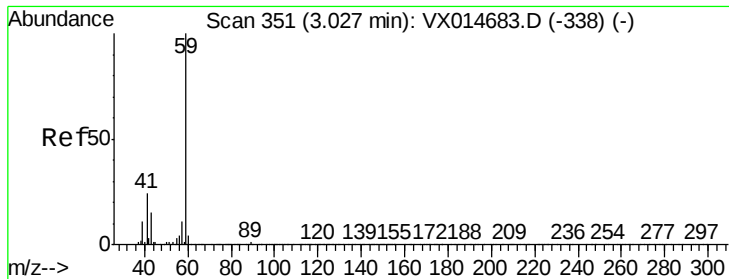
Tgt Ion: 74 Resp: 1321

Ion Ratio Lower Upper

74 100

45 0.0 49.4 148.0#

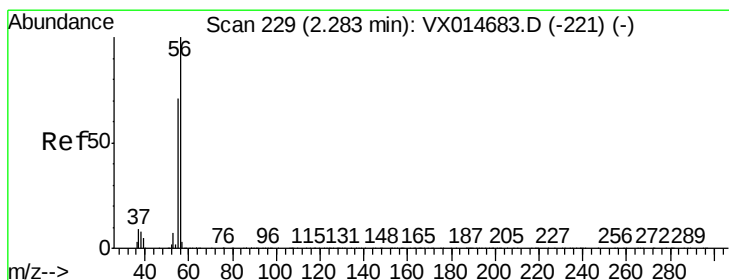
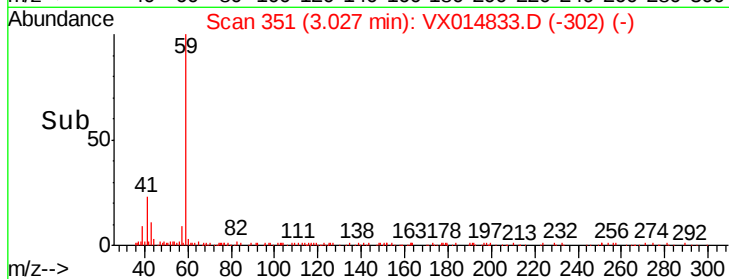
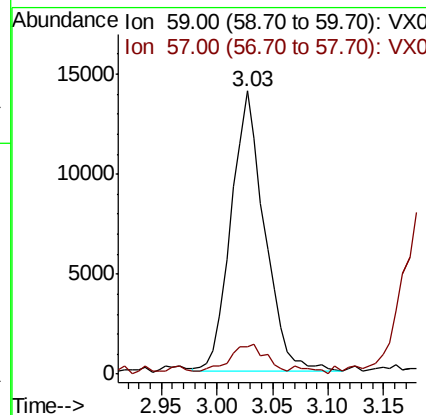
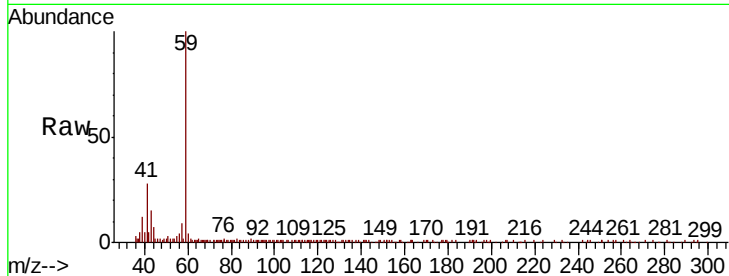




#11
Tert butyl alcohol
Concen: 26.443 ug/l
RT: 3.03 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX014833.D
Acq: 05 Feb 2020 19:23

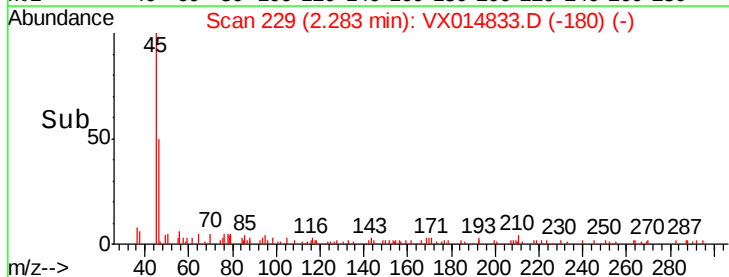
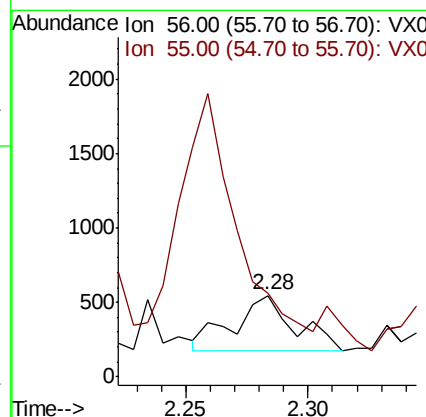
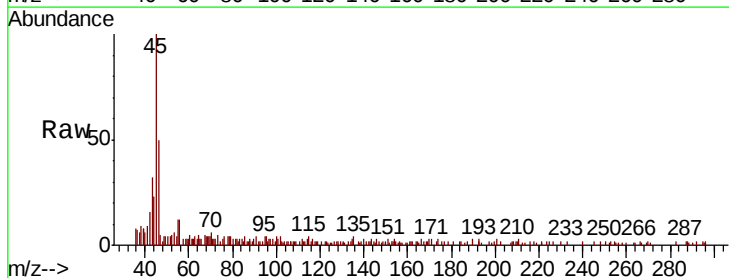
Instrument :
MSVOA_X
ClientSampleId :

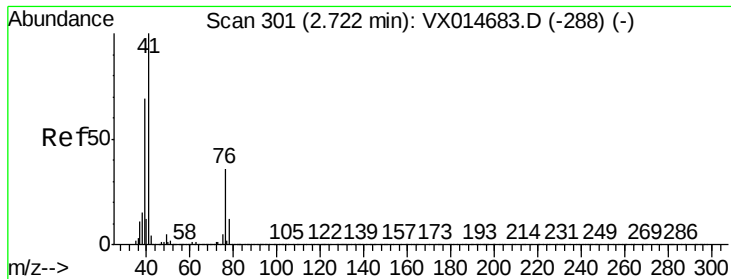
Tot Ion: 59 Resp: 29274
Ion Ratio Lower Upper
59 100
57 10.9 8.3 12.5



#13
Acrolein
Concen: 0.726 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX014833.D
Acq: 05 Feb 2020 19:23

Tgt Ion: 56 Resp: 634
Ion Ratio Lower Upper
56 100
55 0.0 56.6 84.8#

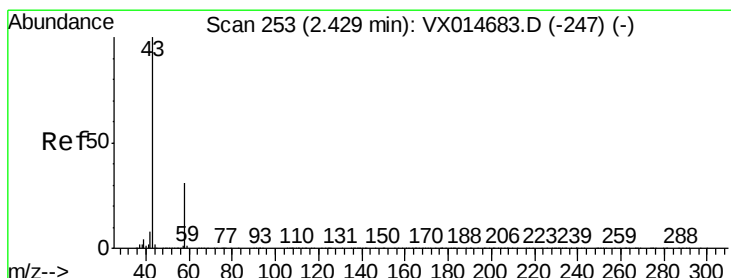
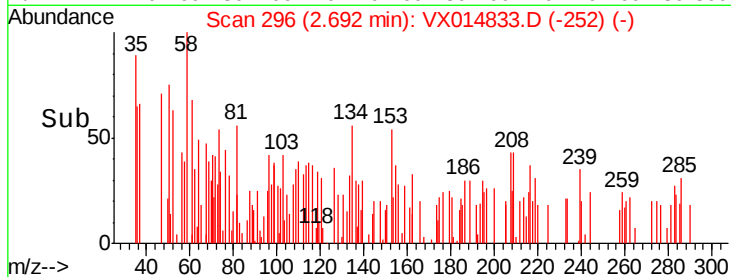
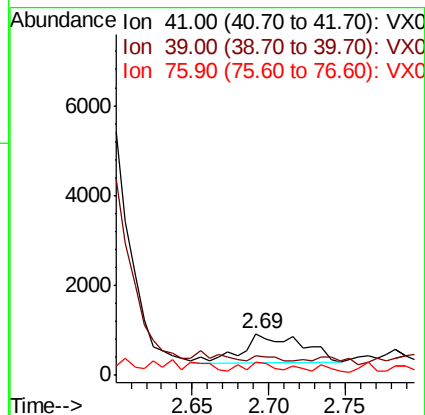
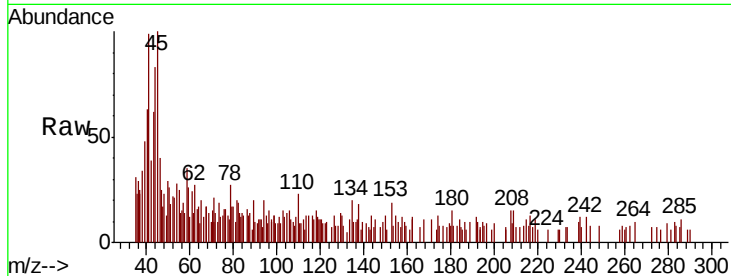




#14
Allvl chloride
Concen: 0.238 ug/l
RT: 2.69 min Scan# 296
Delta R.T. -0.03 min
Lab File: VX014833.D
Acq: 05 Feb 2020 19:23

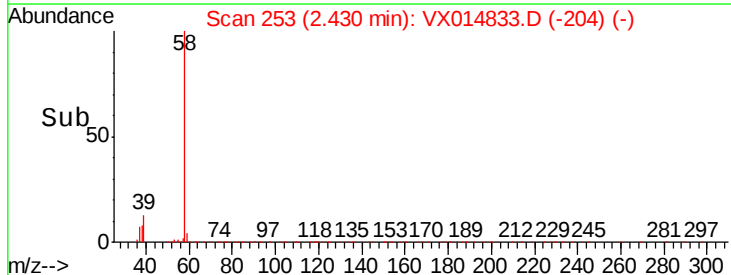
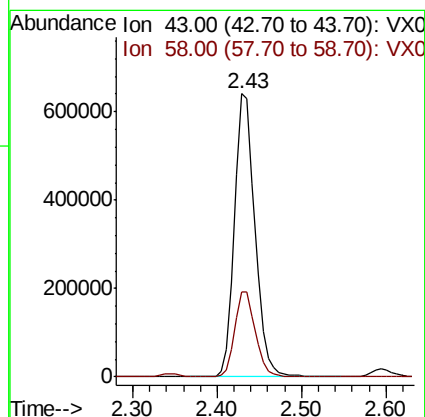
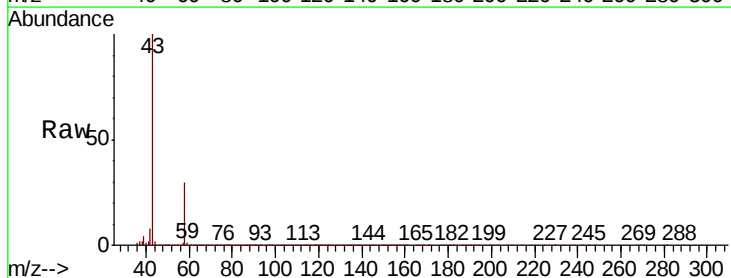
Instrument :
MSVOA_X
ClientSampleId :

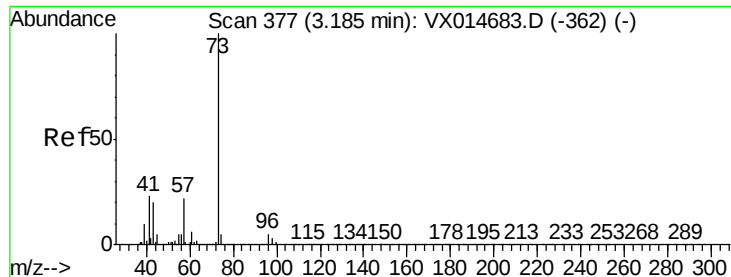
Tot Ion: 41 Resp: 1796
Ion Ratio Lower Upper
41 100
39 0.0 52.0 78.0#
76 13.8 26.0 39.0#



#16
Acetone
Concen: 390.121 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX014833.D
Acq: 05 Feb 2020 19:23

Tgt Ion: 43 Resp: 1054533
Ion Ratio Lower Upper
43 100
58 30.2 24.5 36.7



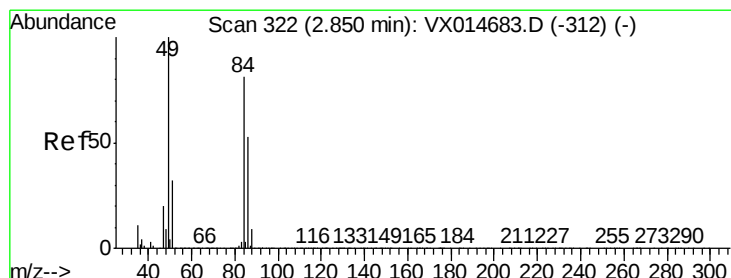
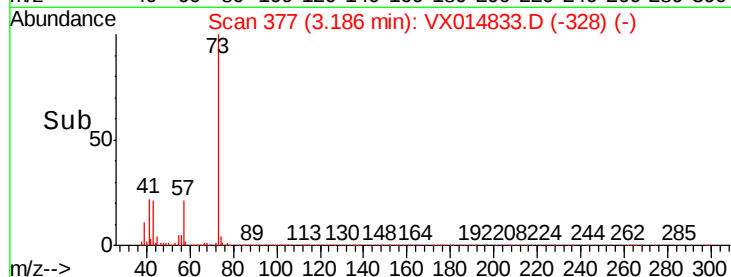
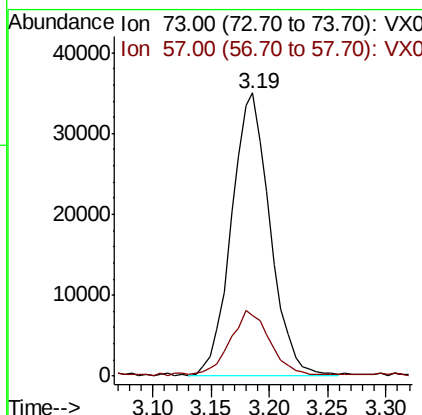
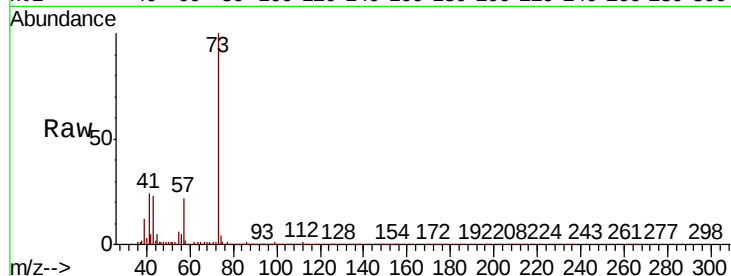


#19

Methyl tert-butyl Ether
 Concen: 5.796 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. 0.00 min
 Lab File: VX014833.D
 Acq: 05 Feb 2020 19:23

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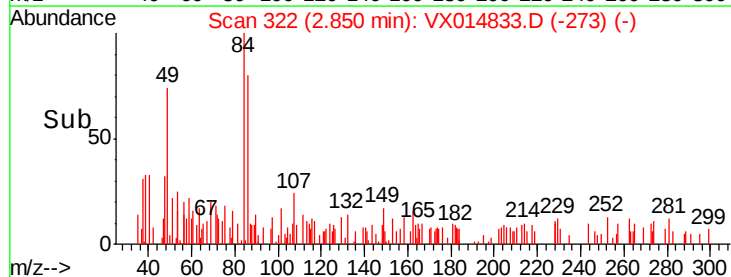
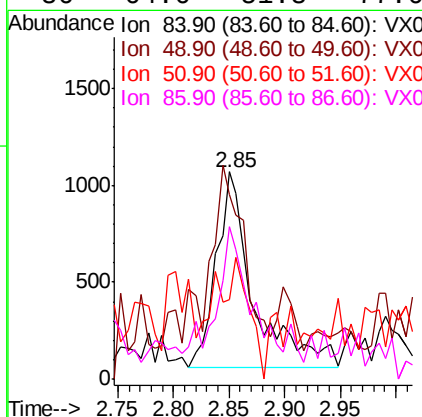
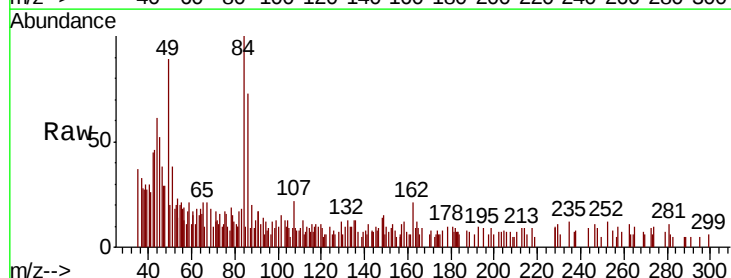
Tot Ion: 73 Resp: 79693
 Ion Ratio Lower Upper
 73 100
 57 20.9 18.0 27.0

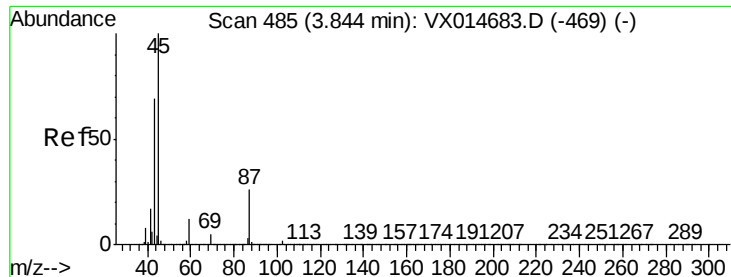


#20

Methylene Chloride
 Concen: 0.469 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. 0.00 min
 Lab File: VX014833.D
 Acq: 05 Feb 2020 19:23

Tgt Ion: 84 Resp: 2346
 Ion Ratio Lower Upper
 84 100
 49 70.8 98.2 147.4#
 51 0.0 31.3 46.9#
 86 64.6 51.8 77.6





#22

Diisopropyl ether

Concen: 1.815 ug/l

RT: 3.84 min Scan# 485

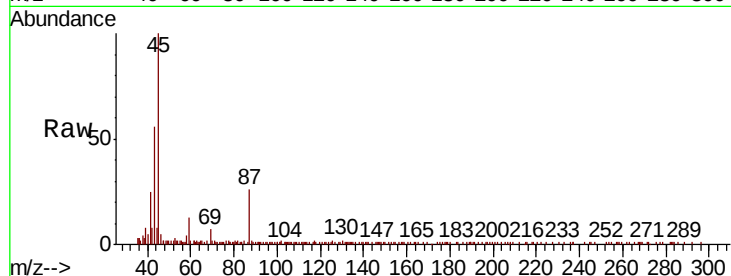
Delta R.T. 0.00 min

Lab File: VX014833.D

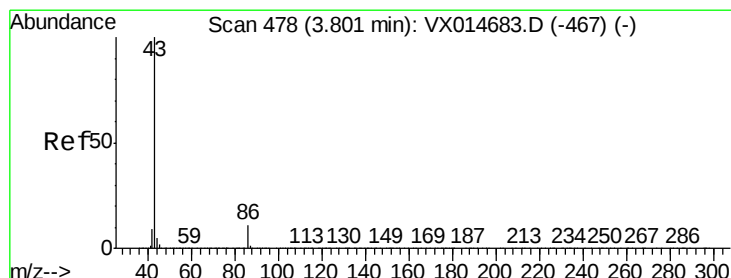
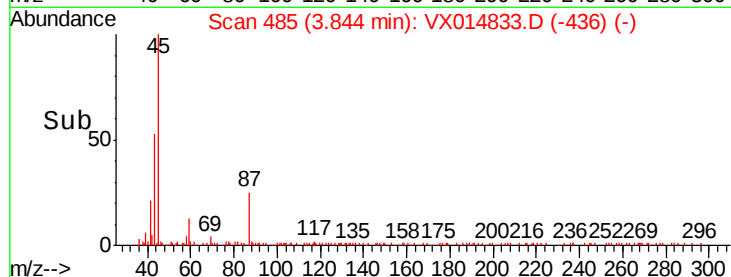
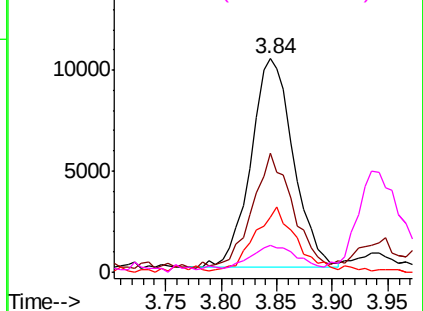
Acq: 05 Feb 2020 19:23

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	45	Resp:	27249
Ion	Ratio	Lower	Upper
45	100		
43	54.6	55.1	82.7#
87	25.4	20.7	31.1
59	11.0	9.2	13.8



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0



#23

Vinyl Acetate

Concen: 1.277 ug/l

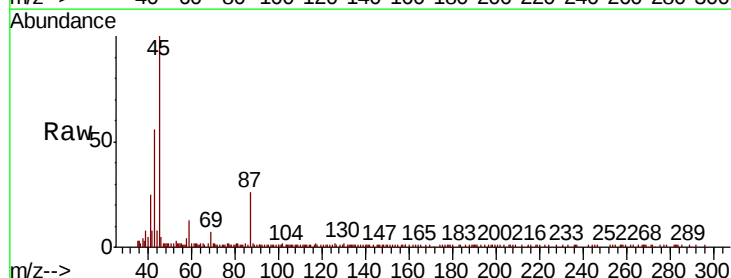
RT: 3.84 min Scan# 485

Delta R.T. 0.04 min

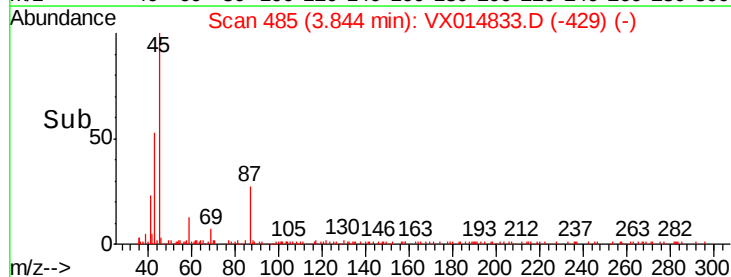
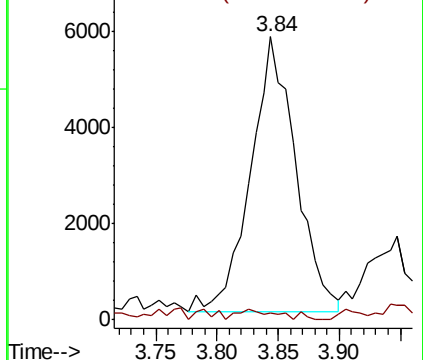
Lab File: VX014833.D

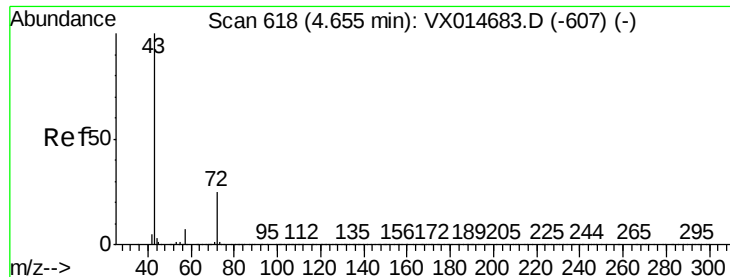
Acq: 05 Feb 2020 19:23

Tgt Ion:	43	Resp:	14613
Ion	Ratio	Lower	Upper
43	100		
86	0.3	8.4	12.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 86.00 (85.70 to 86.70): VX0





#25

2-Butanone

Concen: 23.956 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX014833.D

Acq: 05 Feb 2020 19:23

Instrument :

MSVOA_X

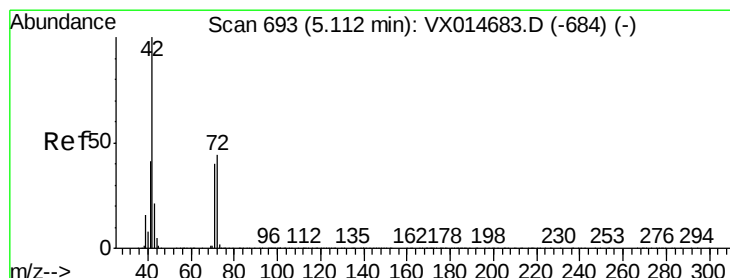
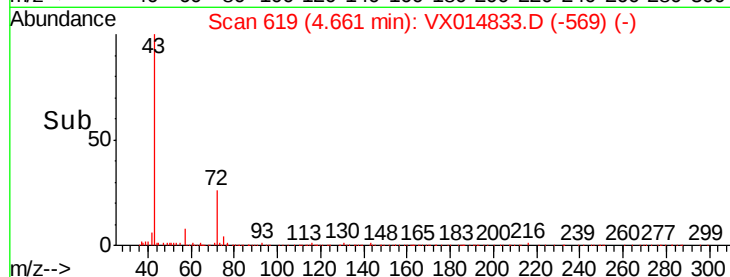
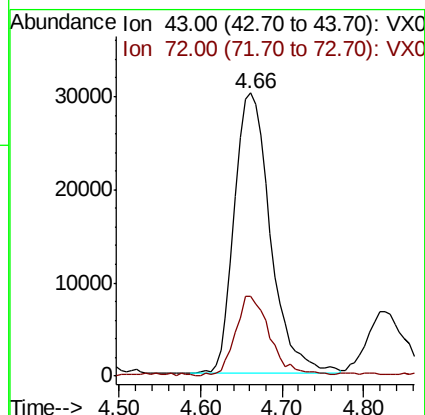
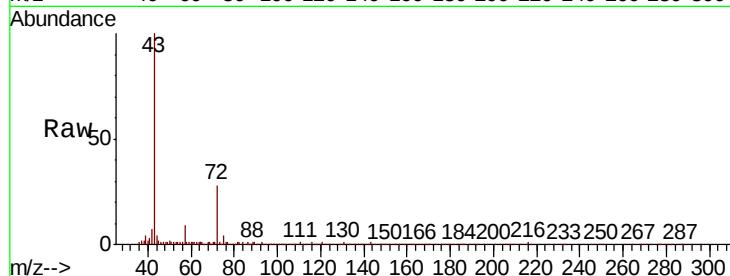
ClientSampleId :

Tot Ion: 43 Resp: 92758

Ion Ratio Lower Upper

43 100

72 27.7 19.9 29.9



#29

Tetrahydrofuran

Concen: 0.580 ug/l

RT: 5.12 min Scan# 695

Delta R.T. 0.01 min

Lab File: VX014833.D

Acq: 05 Feb 2020 19:23

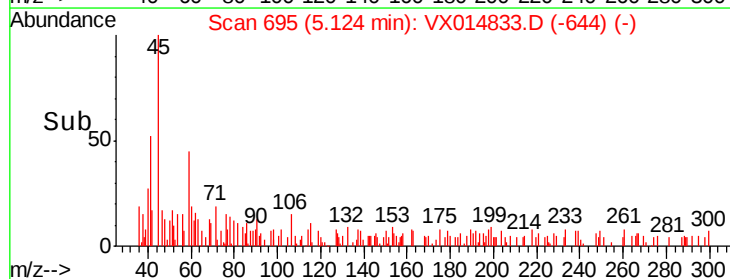
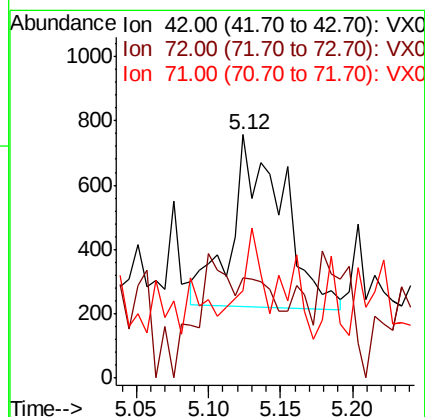
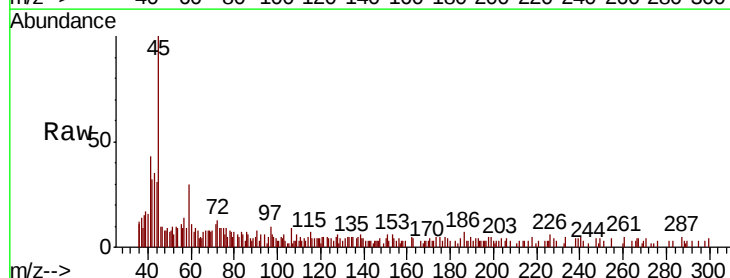
Tgt Ion: 42 Resp: 1332

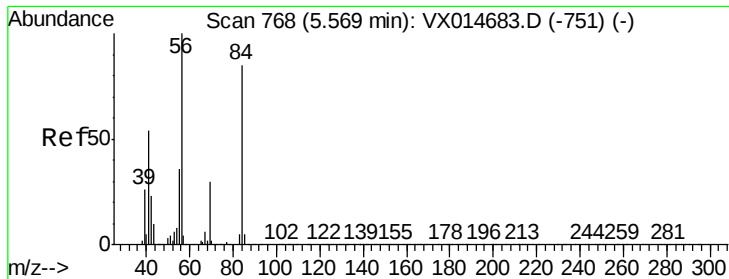
Ion Ratio Lower Upper

42 100

72 0.0 35.3 52.9#

71 14.6 33.1 49.7#

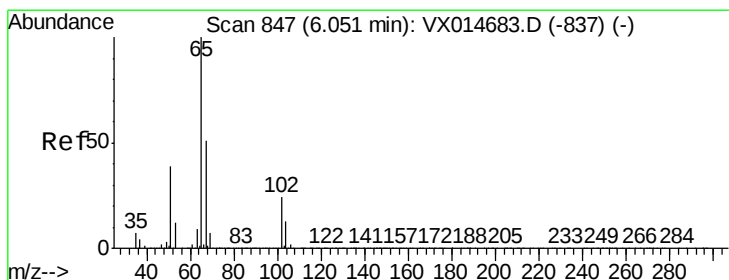
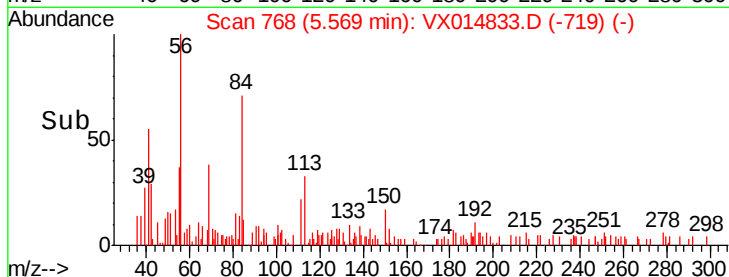
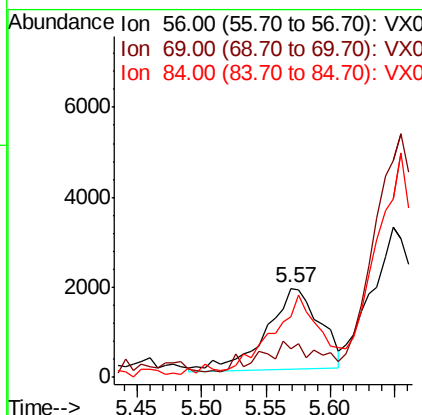
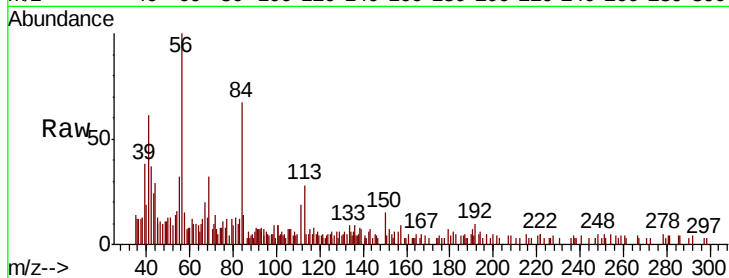




#31
Cyclohexane
Concen: 0.677 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014833.D
Acq: 05 Feb 2020 19:23

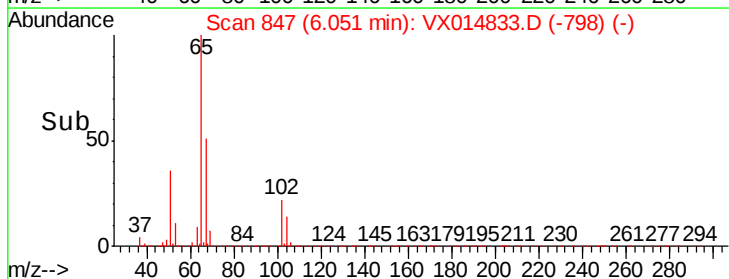
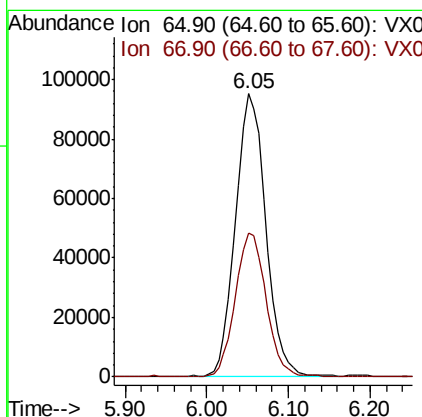
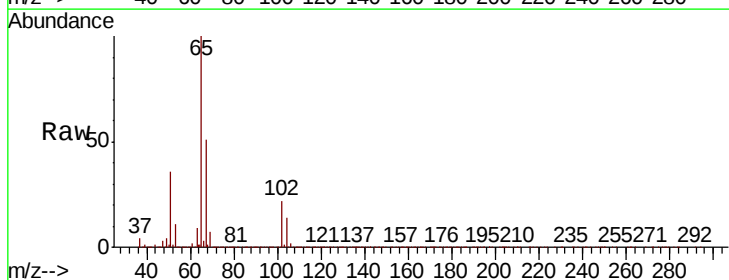
Instrument :
MSVOA_X
ClientSampleId :

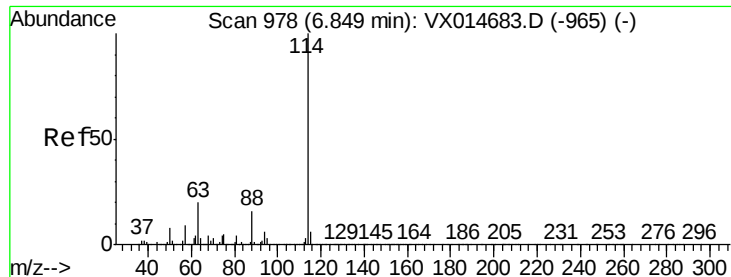
Tot Ion: 56 Resp: 5189
Ion Ratio Lower Upper
56 100
69 26.0 23.4 35.2
84 63.5 68.4 102.6#



#33
1,2-Dichloroethane-d4
Concen: 49.615 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX014833.D
Acq: 05 Feb 2020 19:23

Tgt Ion: 65 Resp: 244649
Ion Ratio Lower Upper
65 100
67 51.7 0.0 107.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014833.D

Acq: 05 Feb 2020 19:23

Instrument :

MSVOA_X

ClientSampleId :

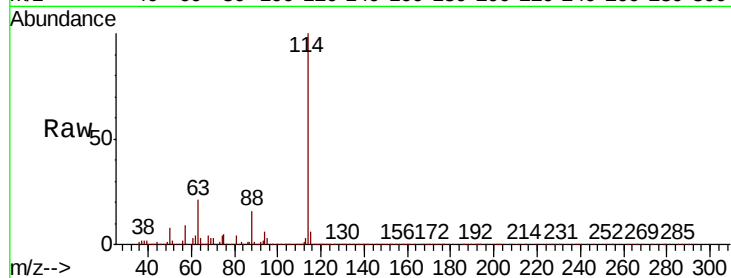
Tot Ion:114 Resp: 660529

Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.6

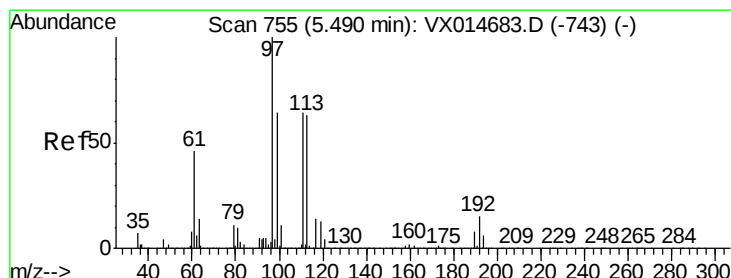
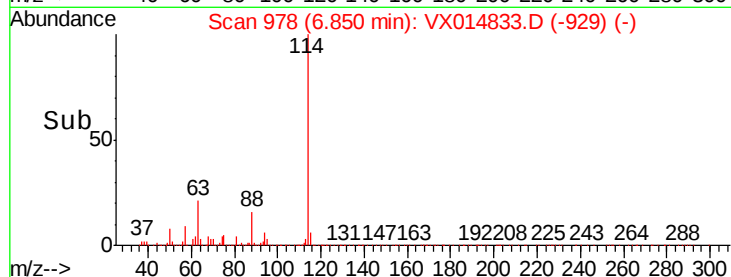
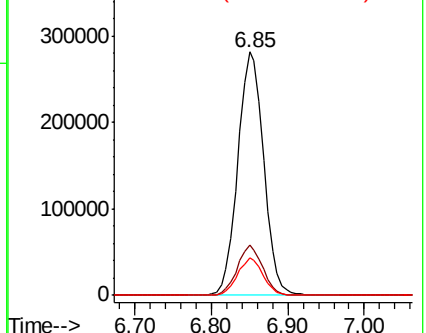
88 15.5 0.0 31.2



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



#35

Dibromofluoromethane

Concen: 47.541 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014833.D

Acq: 05 Feb 2020 19:23

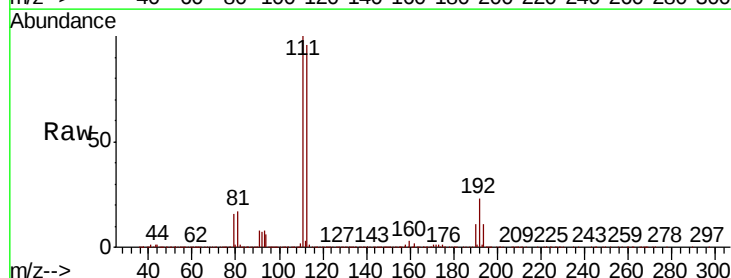
Tgt Ion:113 Resp: 198145

Ion Ratio Lower Upper

113 100

111 103.5 80.7 121.1

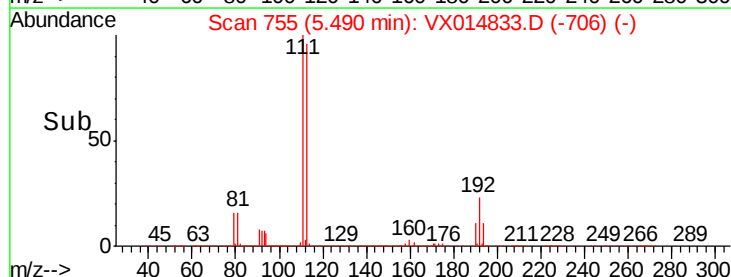
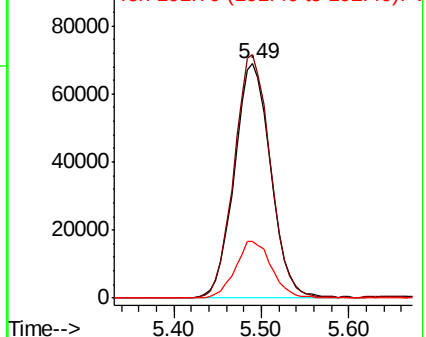
192 23.9 18.5 27.7

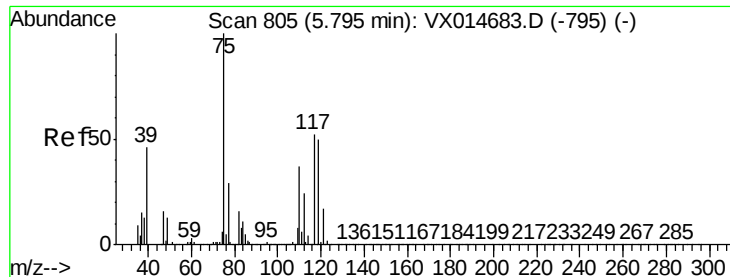


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

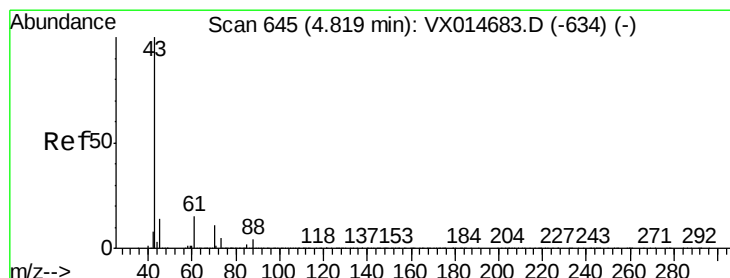
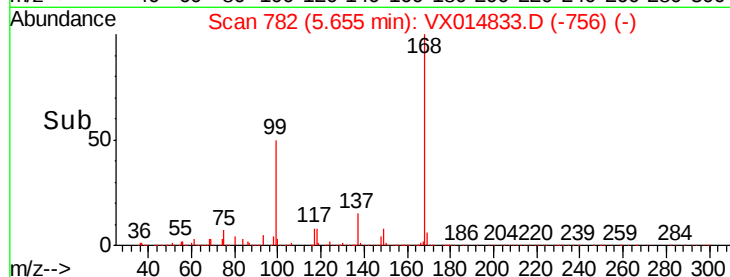
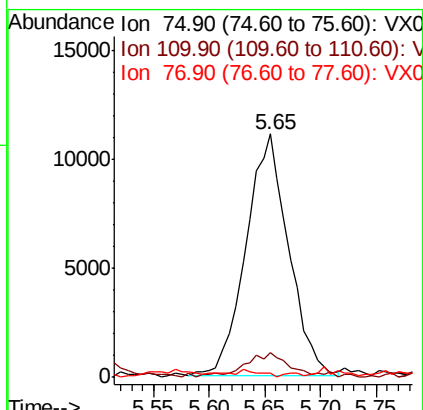
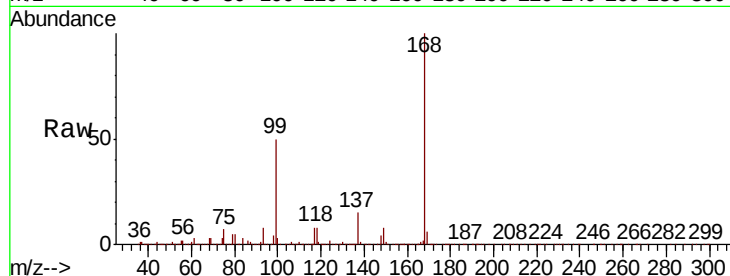




#36
 1,1-Dichloropropene
 Concen: 4.781 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. -0.14 min
 Lab File: VX014833.D
 Acq: 05 Feb 2020 19:23

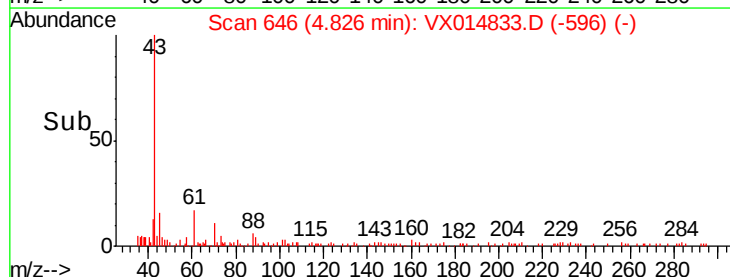
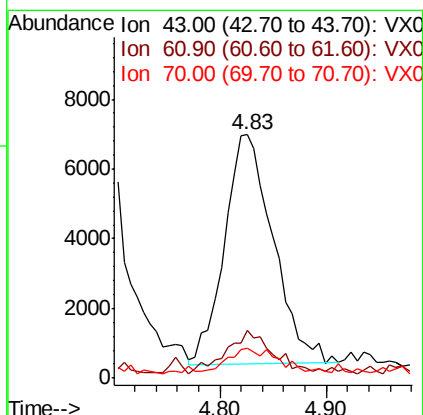
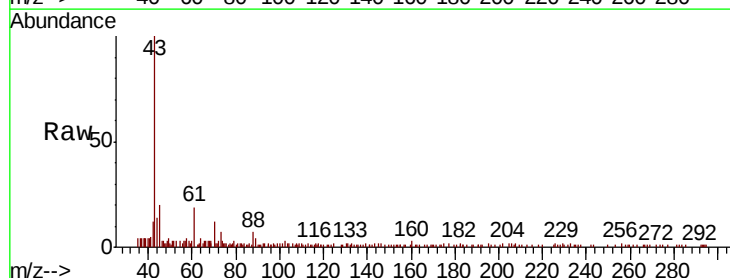
Instrument :
 MSVOA_X
 ClientSampleId :

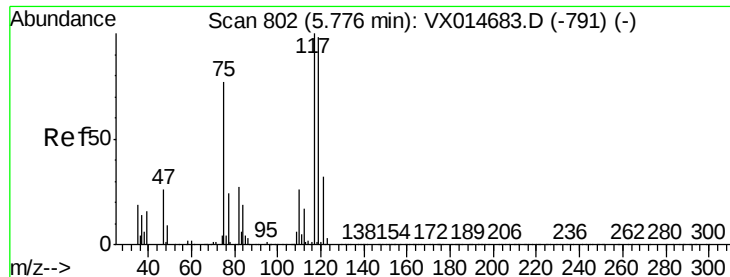
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.8	17.9	53.7#
77	0.7	24.1	36.1#



#37
 Ethyl Acetate
 Concen: 3.005 ug/l
 RT: 4.83 min Scan# 646
 Delta R.T. 0.01 min
 Lab File: VX014833.D
 Acq: 05 Feb 2020 19:23

Tgt Ion	Ratio	Lower	Upper
43	100		
61	17.7	11.0	16.4#
70	9.7	8.5	12.7





#38

Carbon Tetrachloride

Concen: 6.373 ug/l

RT: 5.65 min Scan# 781

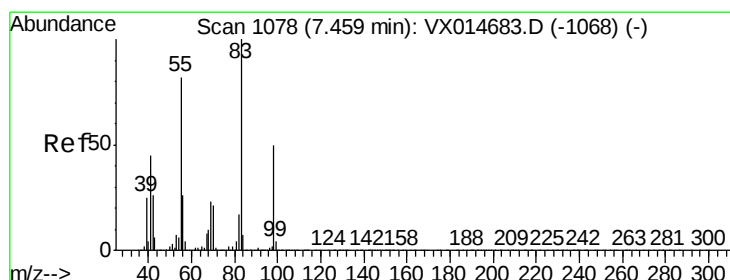
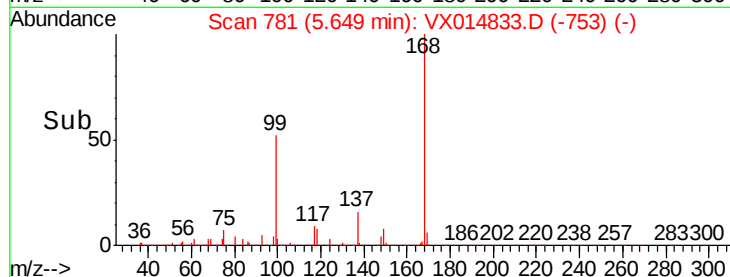
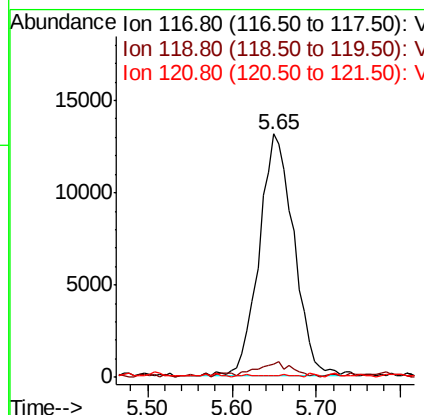
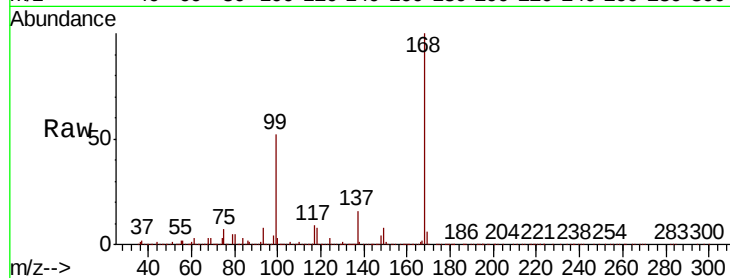
Delta R.T. -0.13 min

Lab File: VX014833.D

Acq: 05 Feb 2020 19:23

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 37357
Ion Ratio Lower Upper
117 100
119 4.7 77.9 116.9#
121 0.7 25.4 38.2#



#39

Methylcyclohexane

Concen: 1.461 ug/l

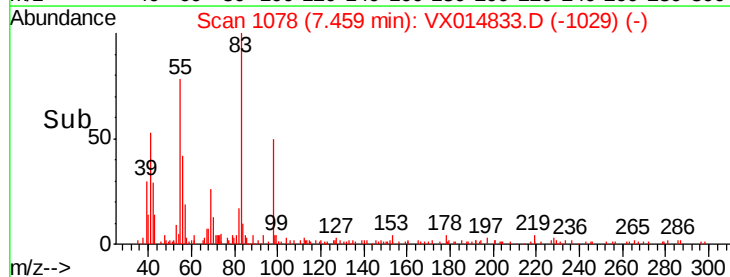
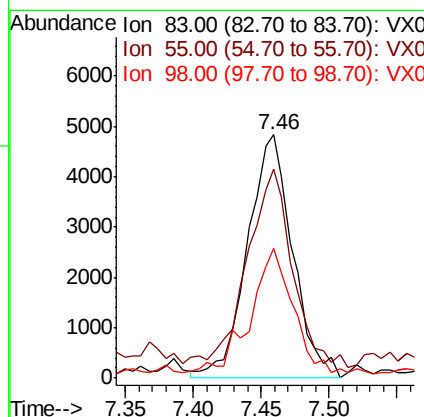
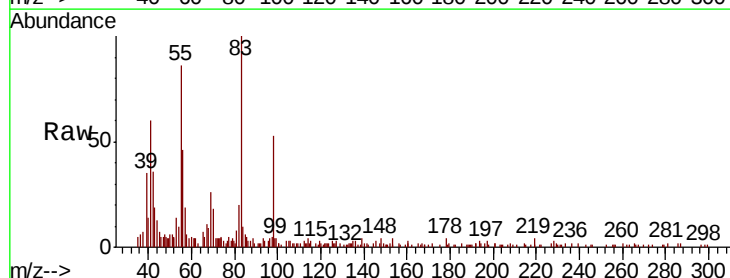
RT: 7.46 min Scan# 1078

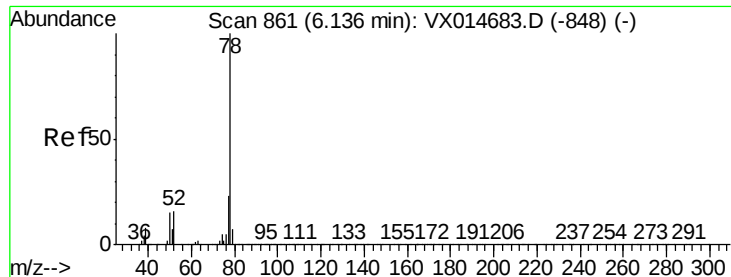
Delta R.T. 0.00 min

Lab File: VX014833.D

Acq: 05 Feb 2020 19:23

Tgt Ion: 83 Resp: 11230
Ion Ratio Lower Upper
83 100
55 79.4 65.6 98.4
98 51.7 40.2 60.4





#40

Benzene

Concen: 24.341 ug/l

RT: 6.14 min Scan# 861

Delta R.T. 0.00 min

Lab File: VX014833.D

Acq: 05 Feb 2020 19:23

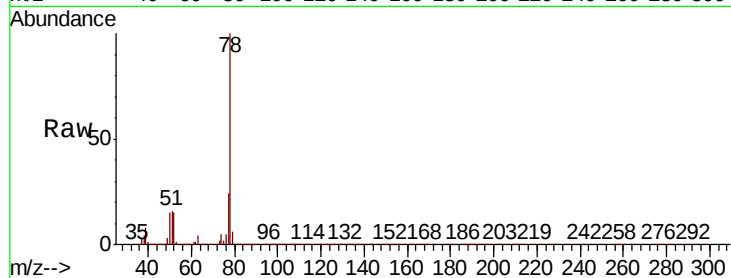
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 78 Resp: 461610

Ion Ratio Lower Upper

78 100

77 23.6 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

6.14

200000

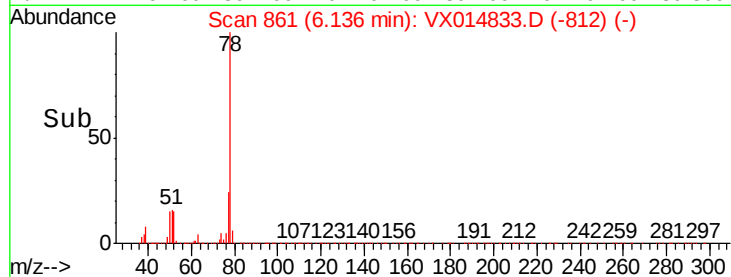
150000

100000

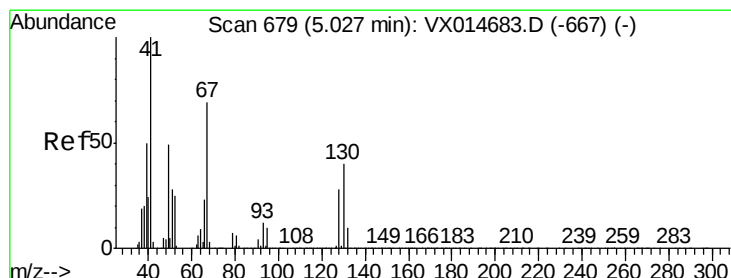
50000

0

Time-->



Time-->



#41

Methacrylonitrile

Concen: Below Cal

RT: 5.00 min Scan# 675

Delta R.T. -0.02 min

Lab File: VX014833.D

Acq: 05 Feb 2020 19:23

Tgt Ion: 41 Resp: 176

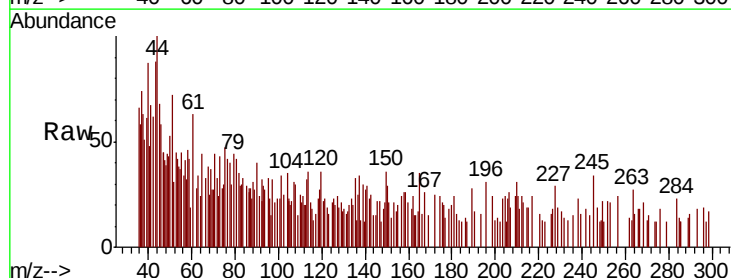
Ion Ratio Lower Upper

41 100

39 152.8 42.2 63.2#

67 292.0 55.4 83.0#

52 0.0 22.1 33.1#



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

800

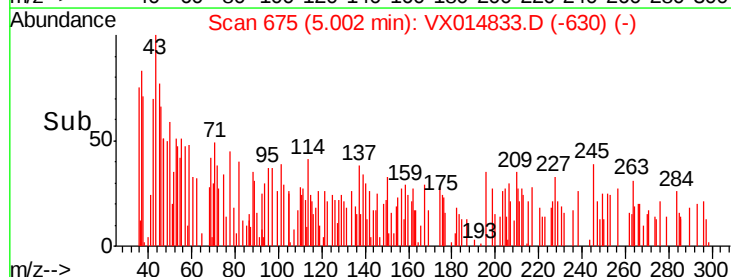
600

400

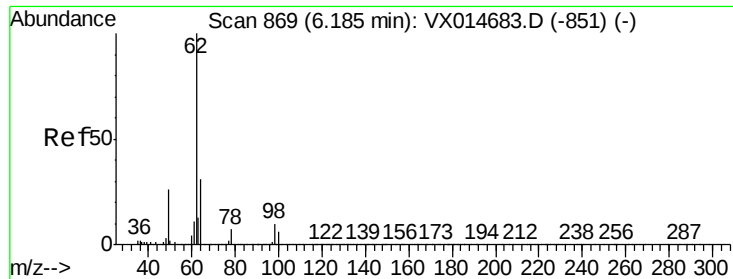
200

0

Time-->



Time-->



#42

1,2-Dichloroethane

Concen: 0.775 ug/l

RT: 6.14 min Scan# 861

Delta R.T. -0.05 min

Lab File: VX014833.D

Acq: 05 Feb 2020 19:23

Instrument :

MSVOA_X

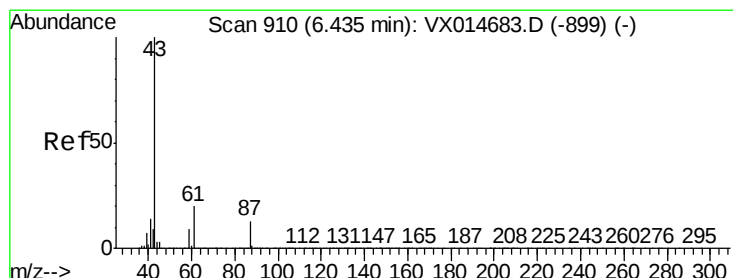
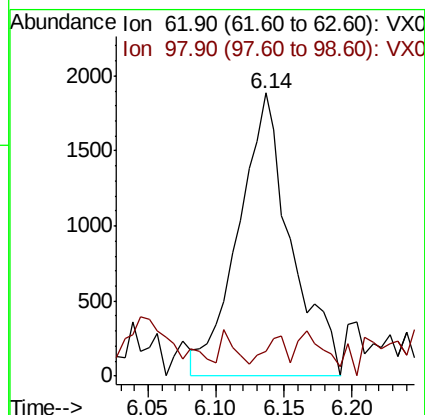
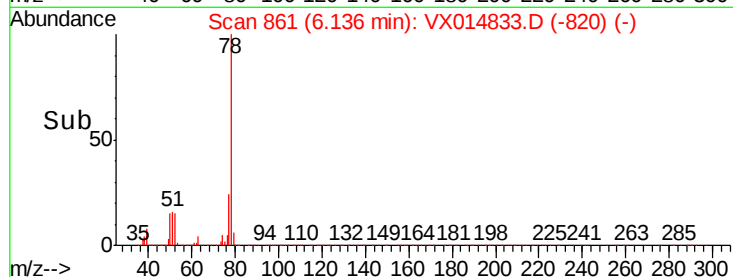
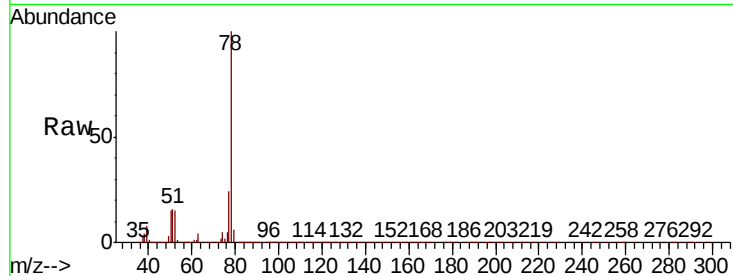
ClientSampleId :

Tot Ion: 62 Resp: 5072

Ion Ratio Lower Upper

62 100

98 4.1 0.0 20.0



#43

Isopropyl Acetate

Concen: 0.320 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014833.D

Acq: 05 Feb 2020 19:23

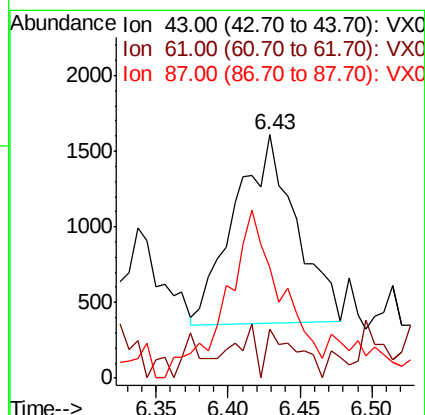
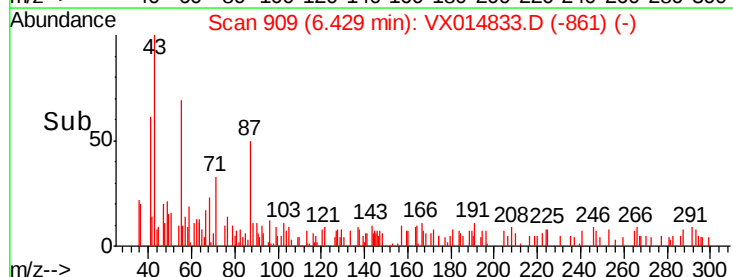
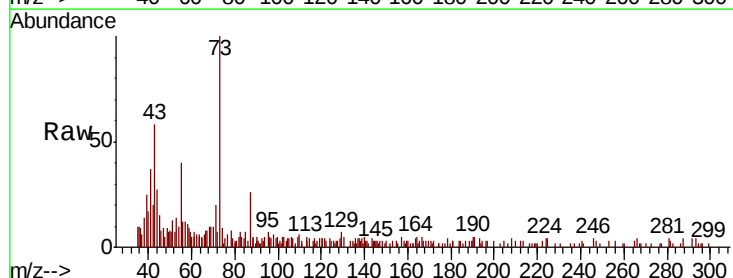
Tgt Ion: 43 Resp: 3684

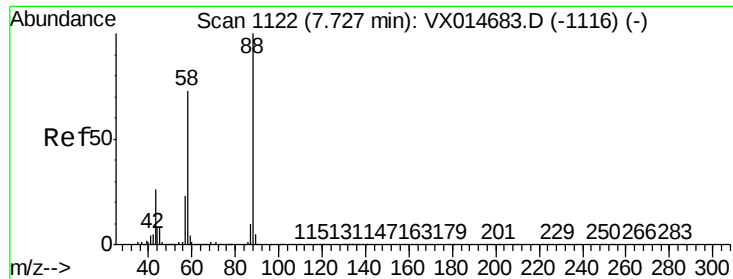
Ion Ratio Lower Upper

43 100

61 12.8 16.2 24.4#

87 81.4 10.5 15.7#

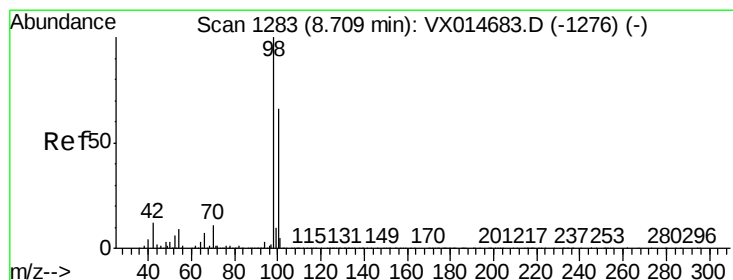
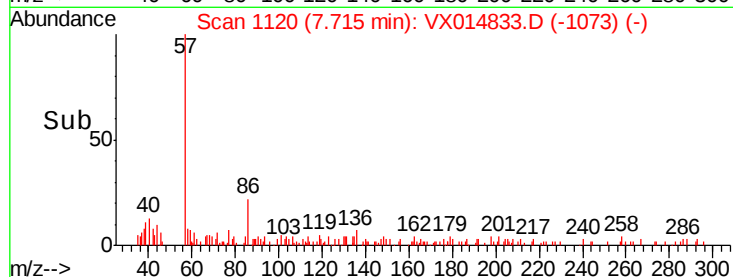
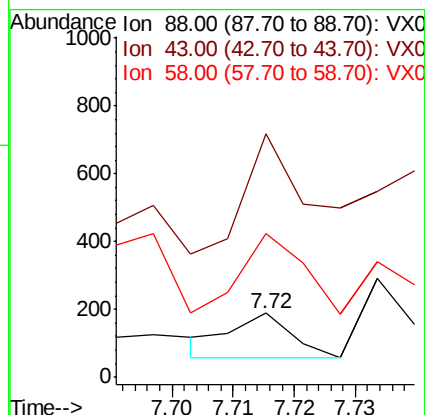
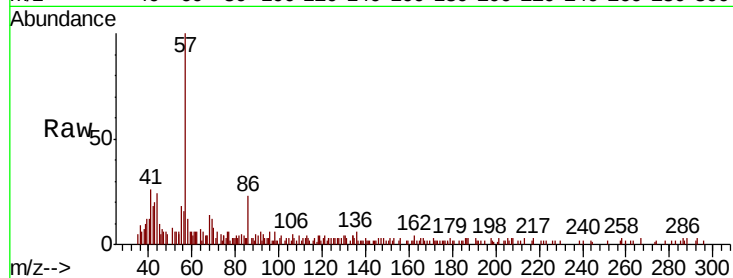




#49
1,4-Dioxane
Concen: 0.772 ug/l
RT: 7.72 min Scan# 1120
Delta R.T. -0.01 min
Lab File: VX014833.D
Acq: 05 Feb 2020 19:23

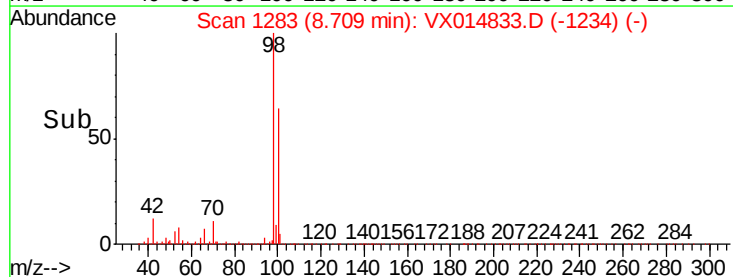
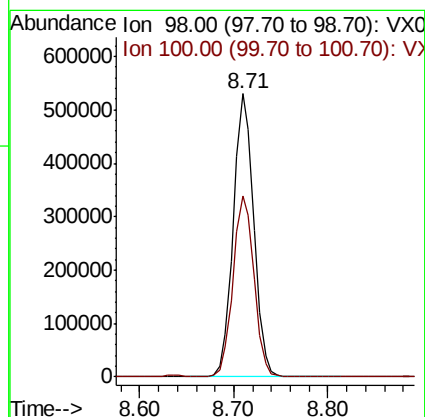
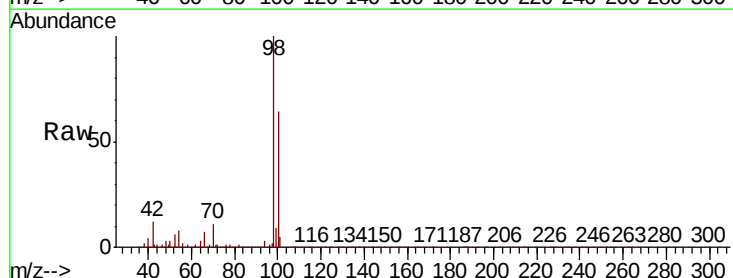
Instrument :
MSVOA_X
ClientSampleId :

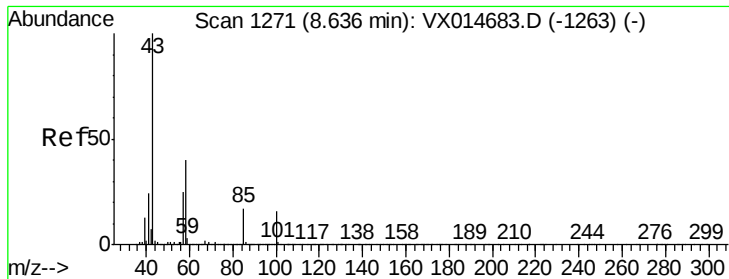
Tot Ion: 88 Resp: 90
Ion Ratio Lower Upper
88 100
43 0.0 26.2 39.2#
58 196.7 56.6 85.0#



#50
Toluene-d8
Concen: 49.709 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014833.D
Acq: 05 Feb 2020 19:23

Tgt Ion: 98 Resp: 796489
Ion Ratio Lower Upper
98 100
100 65.4 53.0 79.6





#51

4-Methyl-2-Pentanone

Concen: 4.657 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX014833.D

Acq: 05 Feb 2020 19:23

Instrument :

MSVOA_X

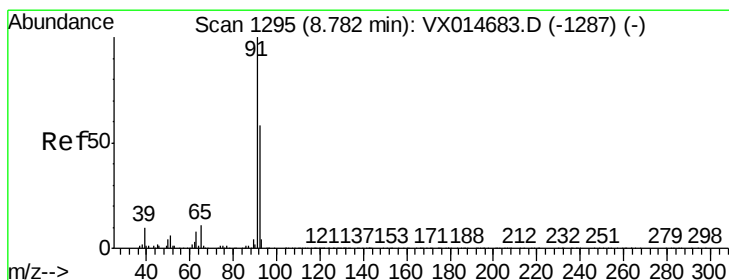
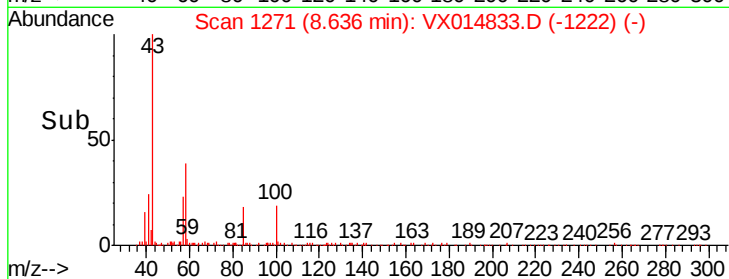
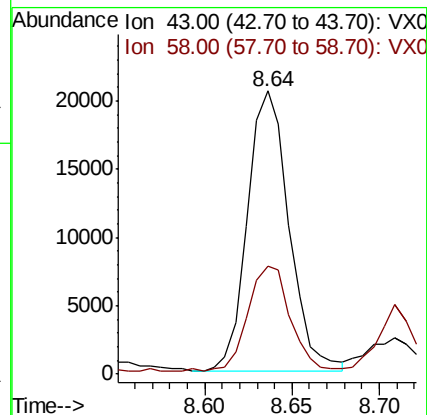
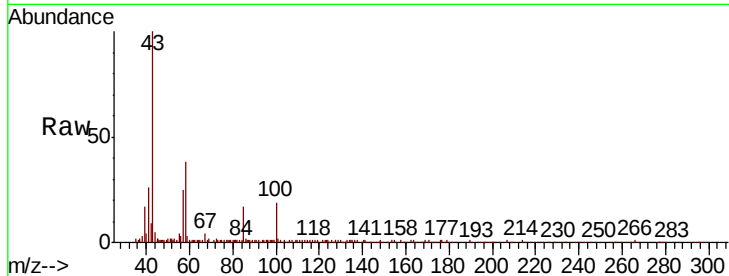
ClientSampleId :

Tot Ion: 43 Resp: 33835

Ion Ratio Lower Upper

43 100

58 39.1 31.6 47.4



#52

Toluene

Concen: 197.528 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX014833.D

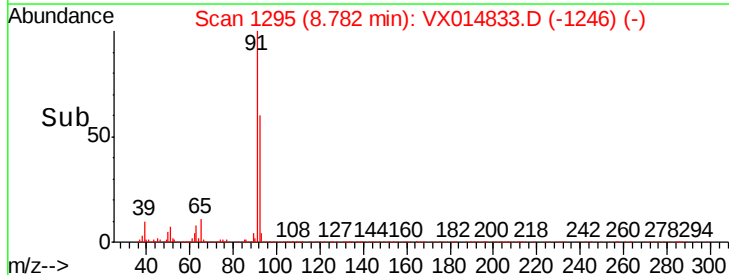
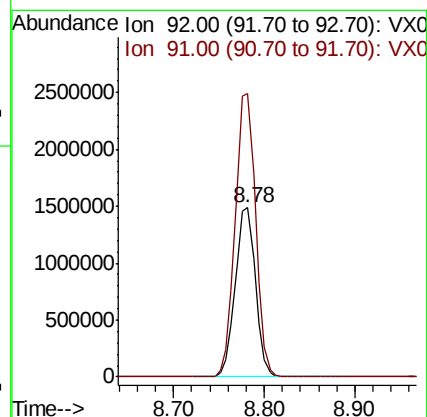
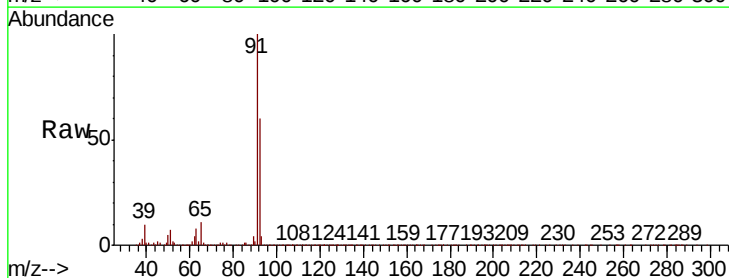
Acq: 05 Feb 2020 19:23

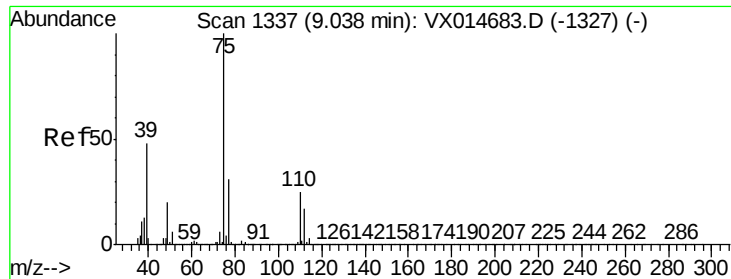
Tgt Ion: 92 Resp: 2302635

Ion Ratio Lower Upper

92 100

91 169.6 135.9 203.9





#53

t-1,3-Dichloropropene

Concen: 3.812 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.26 min

Lab File: VX014833.D

Acq: 05 Feb 2020 19:23

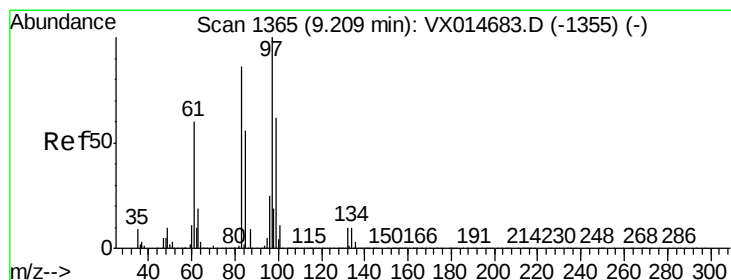
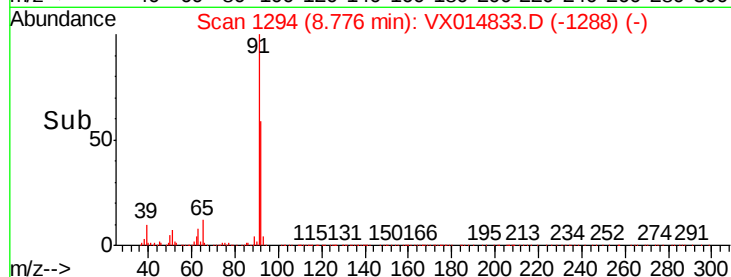
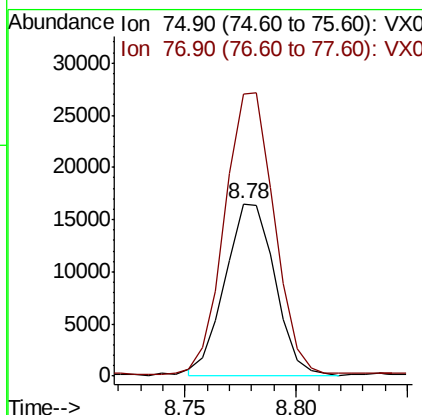
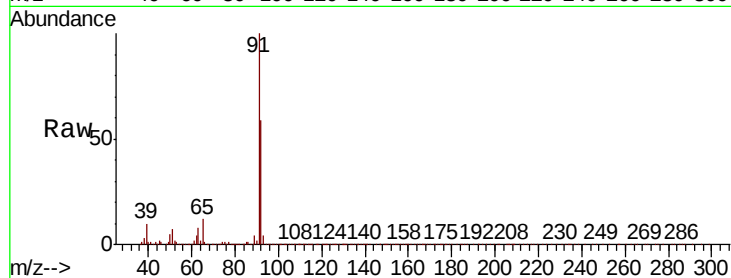
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 25473

Ion Ratio Lower Upper

75 100

77 163.3 24.9 37.3#



#55

1,1,2-Trichloroethane

Concen: 0.866 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. -0.05 min

Lab File: VX014833.D

Acq: 05 Feb 2020 19:23

Tgt Ion: 97 Resp: 4134

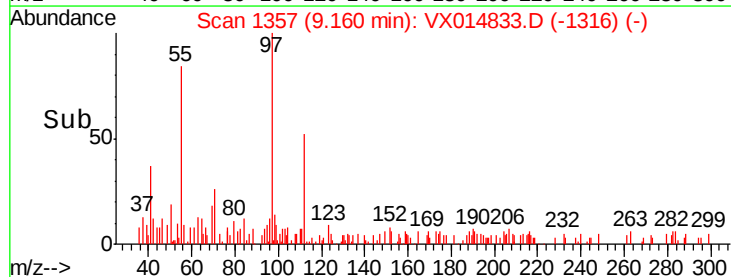
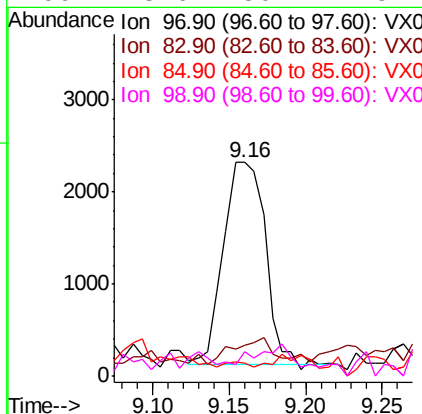
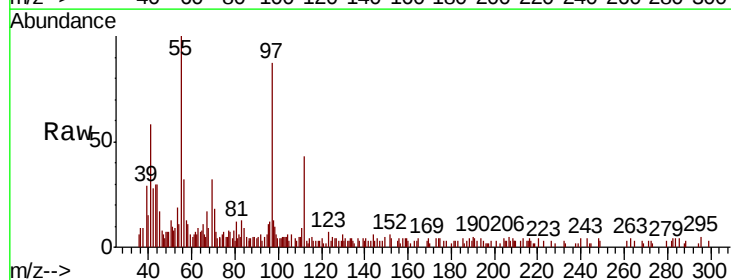
Ion Ratio Lower Upper

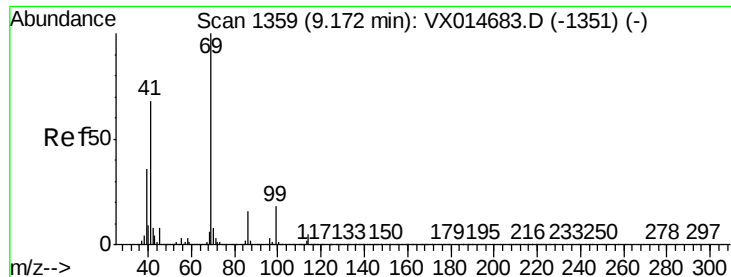
97 100

83 8.8 69.2 103.8#

85 0.0 44.6 67.0#

99 3.6 50.1 75.1#





#56

Ethyl methacrylate

Concen: 2.124 ug/l

RT: 9.18 min Scan# 1360

Delta R.T. 0.01 min

Lab File: VX014833.D

Acq: 05 Feb 2020 19:23

Instrument :

MSVOA_X

ClientSampleId :

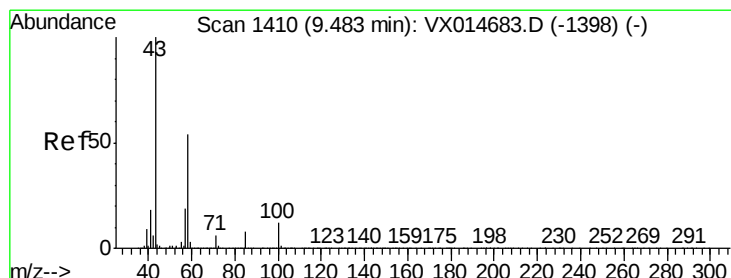
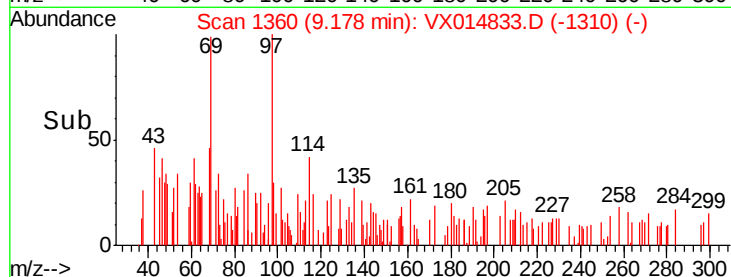
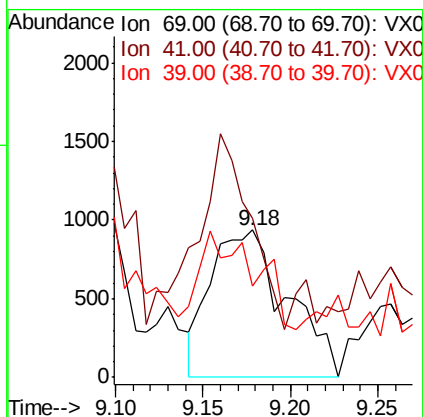
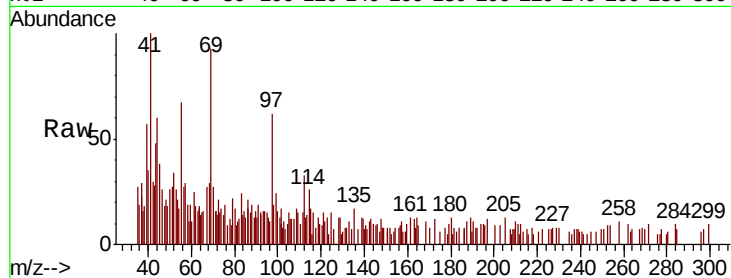
Tot Ion: 69 Resp: 2851

Ion Ratio Lower Upper

69 100

41 0.0 54.9 82.3#

39 0.0 29.3 43.9#



#59

2-Hexanone

Concen: 1.429 ug/l

RT: 9.49 min Scan# 1411

Delta R.T. 0.01 min

Lab File: VX014833.D

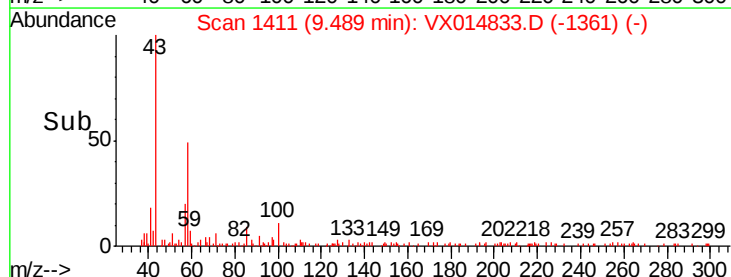
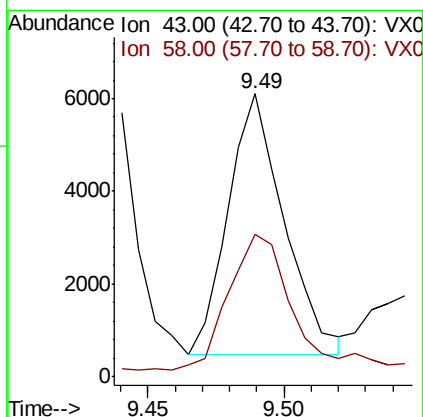
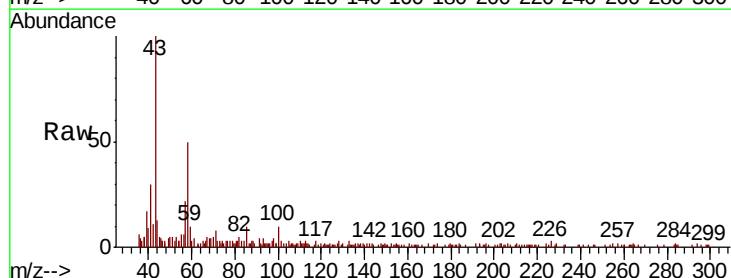
Acq: 05 Feb 2020 19:23

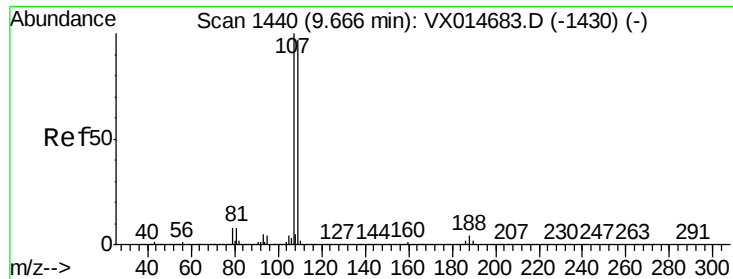
Tgt Ion: 43 Resp: 8057

Ion Ratio Lower Upper

43 100

58 59.7 27.2 81.5





#61

1,2-Dibromoethane

Concen: 0.201 ug/l

RT: 9.77 min Scan# 1457

Delta R.T. 0.10 min

Lab File: VX014833.D

Acq: 05 Feb 2020 19:23

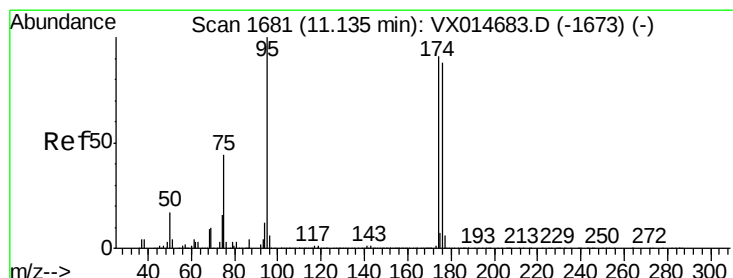
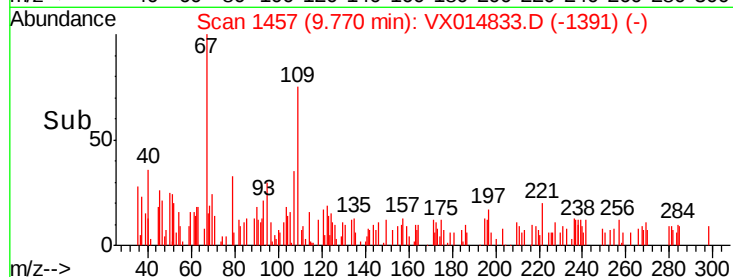
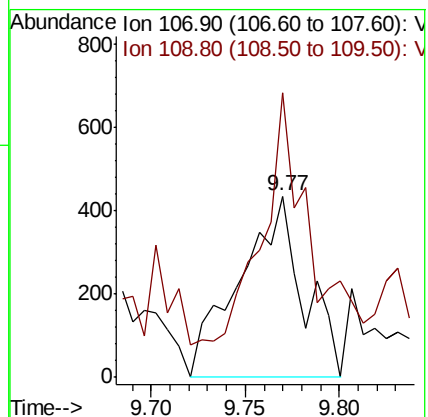
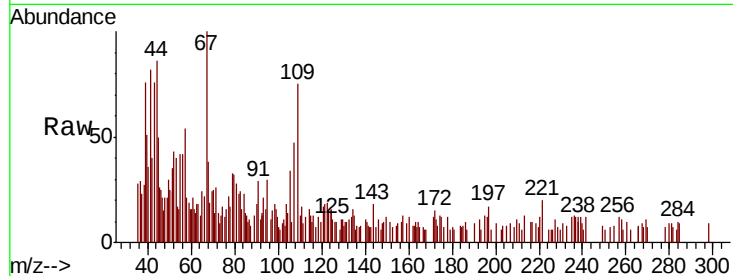
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:107 Resp: 1015

Ion Ratio Lower Upper

107 100

109 94.7 76.2 114.2



#62

4-Bromofluorobenzene

Concen: 51.102 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014833.D

Acq: 05 Feb 2020 19:23

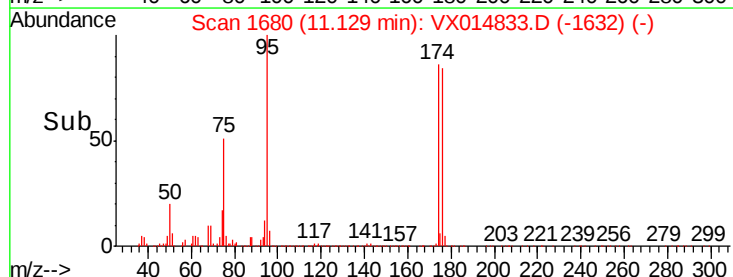
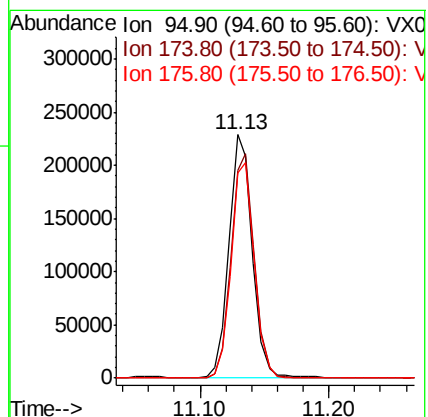
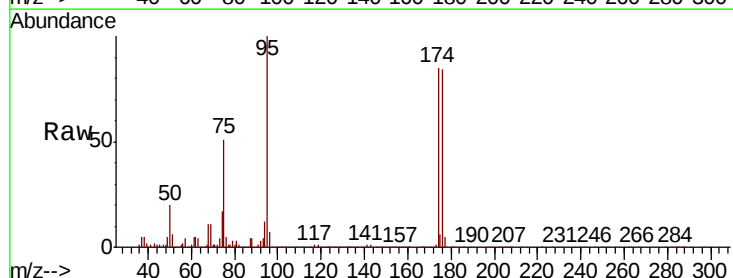
Tgt Ion: 95 Resp: 291677

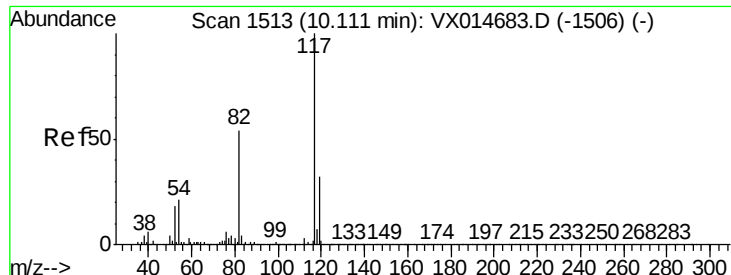
Ion Ratio Lower Upper

95 100

174 91.4 0.0 176.0

176 87.6 0.0 172.2

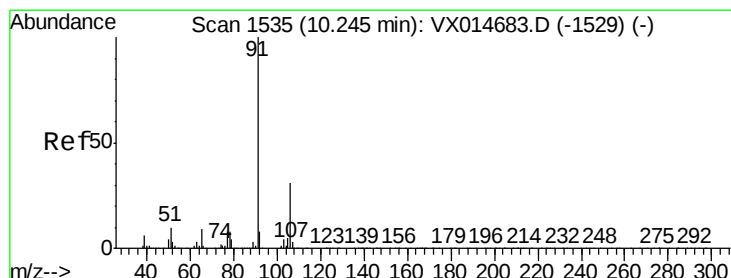
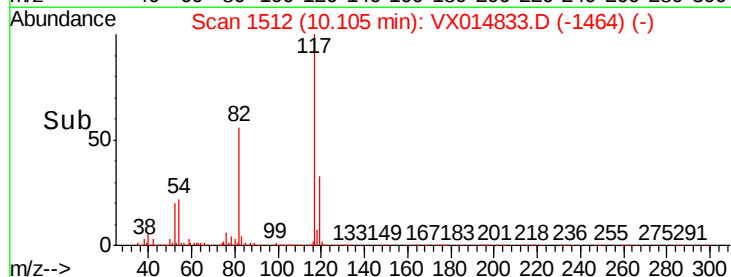
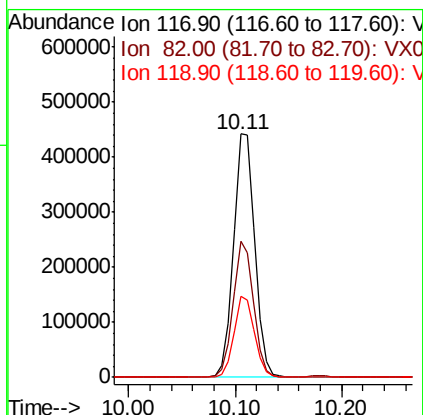
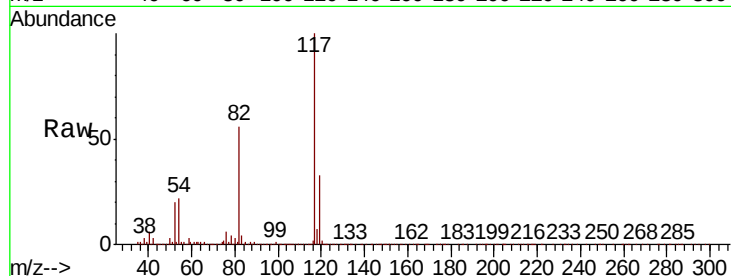




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014833.D
Acq: 05 Feb 2020 19:23

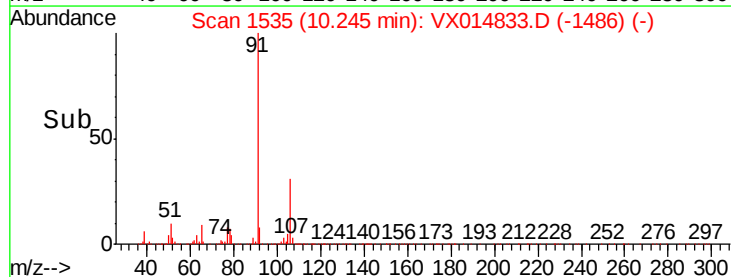
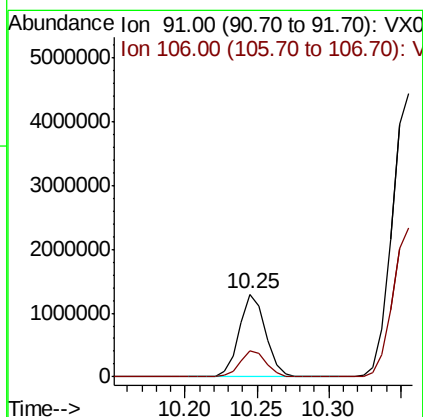
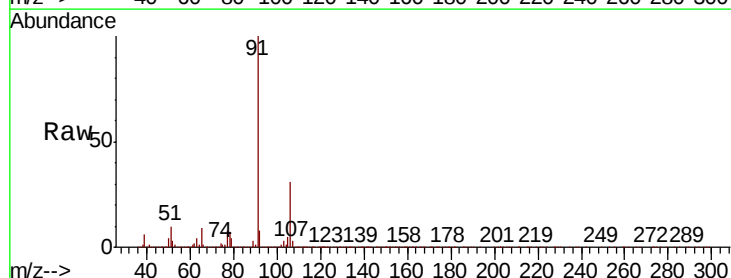
Instrument :
MSVOA_X
ClientSampled :

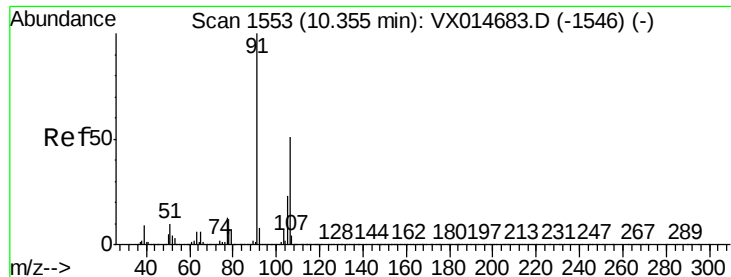
Tot Ion	Ratio	Lower	Upper
117	100		
82	56.1	43.2	64.8
119	33.1	25.8	38.6



#67
Ethyl Benzene
Concen: 72.304 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014833.D
Acq: 05 Feb 2020 19:23

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.9	24.9	37.3





#68

m/p-Xvlenes

Concen: 347.822 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014833.D

Acq: 05 Feb 2020 19:23

Instrument :

MSVOA_X

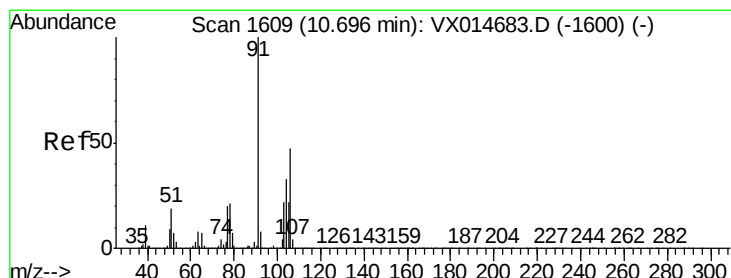
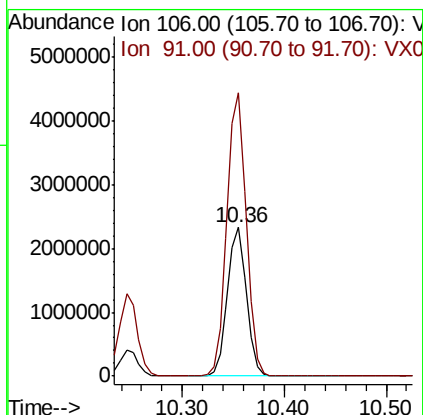
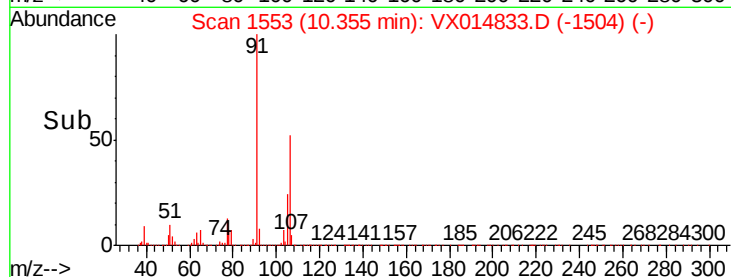
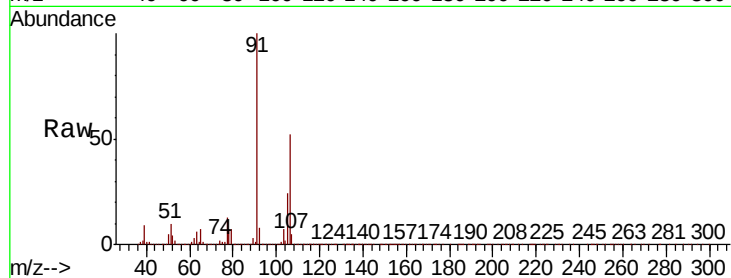
ClientSampled :

Tot Ion:106 Resp: 2982276

Ion Ratio Lower Upper

106 100

91 194.7 159.4 239.2



#69

o-Xylene

Concen: 239.795 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. 0.00 min

Lab File: VX014833.D

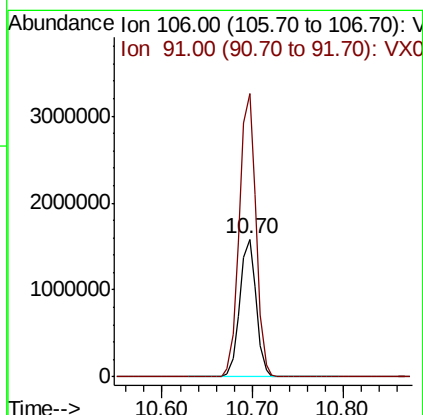
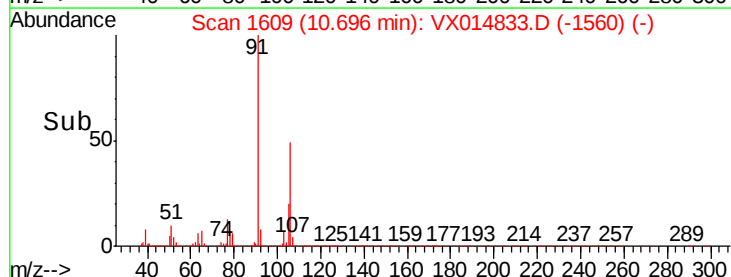
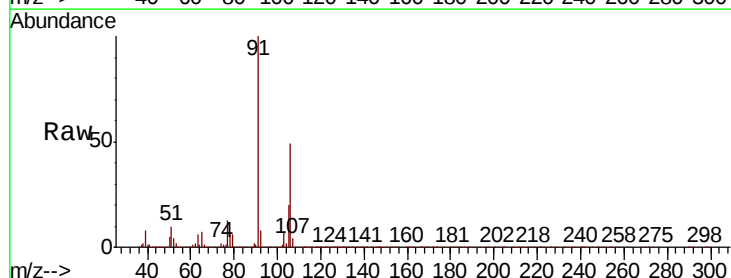
Acq: 05 Feb 2020 19:23

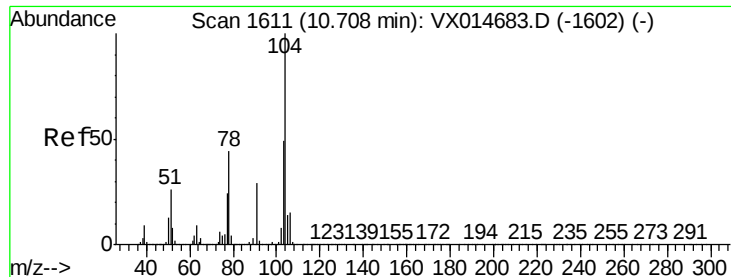
Tgt Ion:106 Resp: 1984895

Ion Ratio Lower Upper

106 100

91 208.1 106.2 318.6

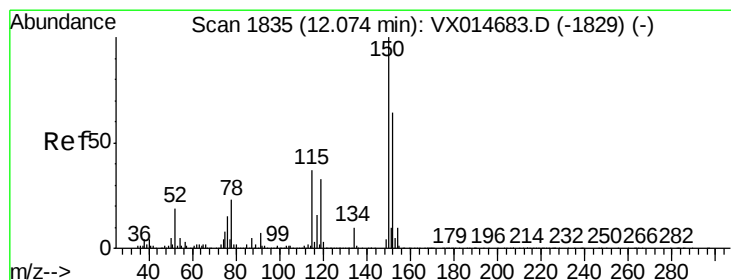
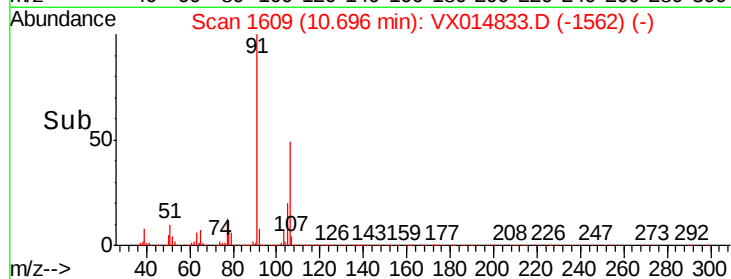
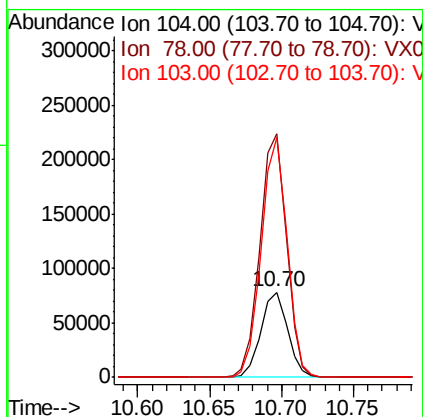
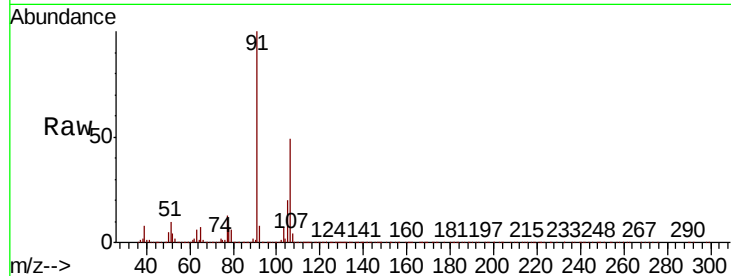




#70
Stvrene
Concen: 7.258 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.01 min
Lab File: VX014833.D
Acq: 05 Feb 2020 19:23

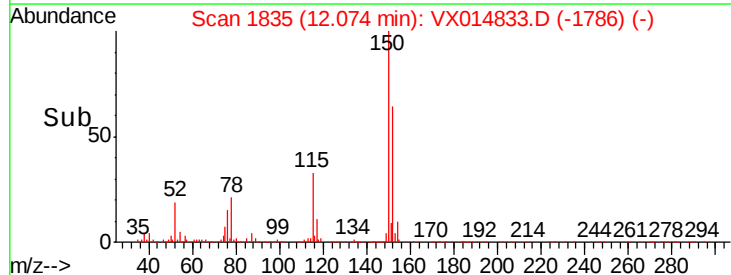
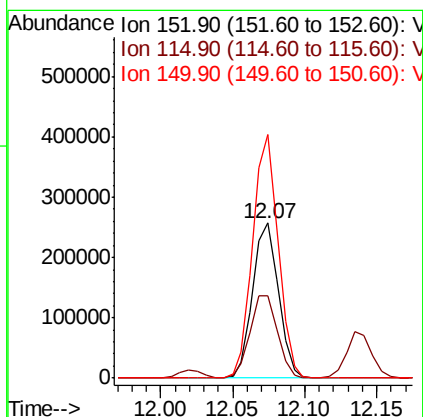
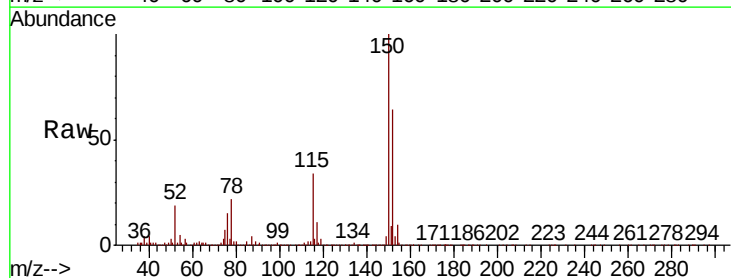
Instrument :
MSVOA_X
ClientSampled :

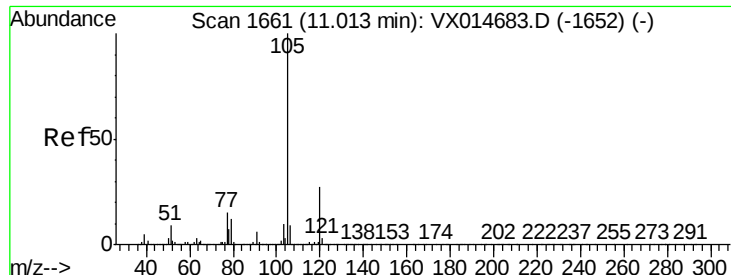
Tot Ion	Ratio	Lower	Upper
104	100		
78	282.3	39.3	58.9#
103	270.3	43.5	65.3#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014833.D
Acq: 05 Feb 2020 19:23

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.0	39.4	118.1
150	154.7	0.0	351.2





#73

Isopropylbenzene

Concen: 9.979 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014833.D

Acq: 05 Feb 2020 19:23

Instrument :

MSVOA_X

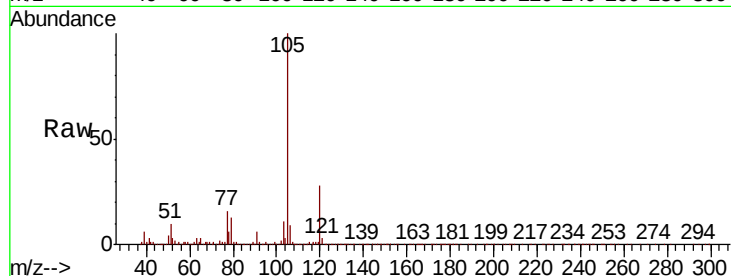
ClientSampleId :

Tot Ion:105 Resp: 222695

Ion Ratio Lower Upper

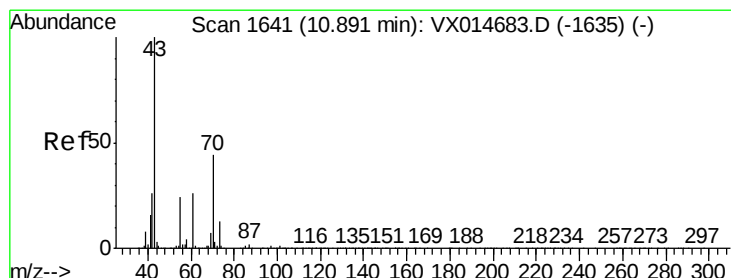
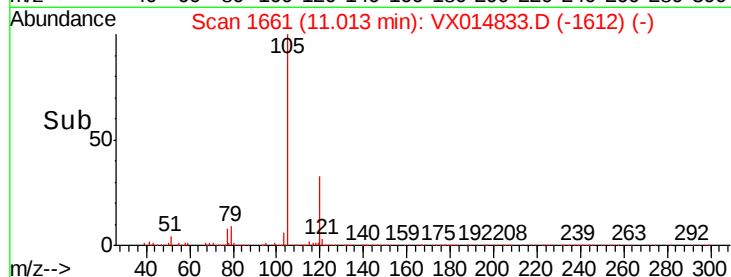
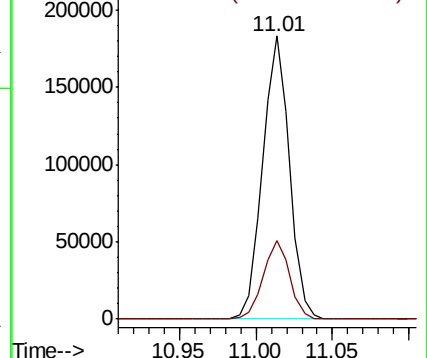
105 100

120 27.4 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 2.990 ug/l

RT: 10.92 min Scan# 1646

Delta R.T. 0.03 min

Lab File: VX014833.D

Acq: 05 Feb 2020 19:23

Tgt Ion: 43 Resp: 29243

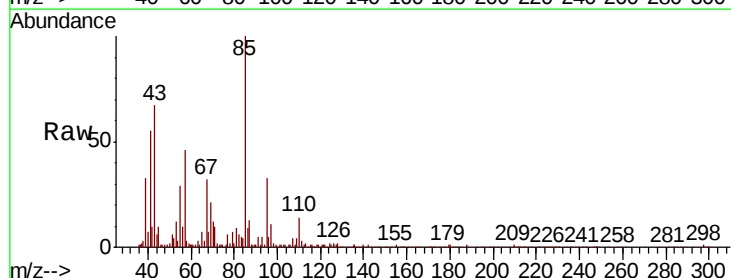
Ion Ratio Lower Upper

43 100

70 27.1 34.6 52.0#

55 50.7 19.4 29.2#

61 0.0 19.8 29.6#

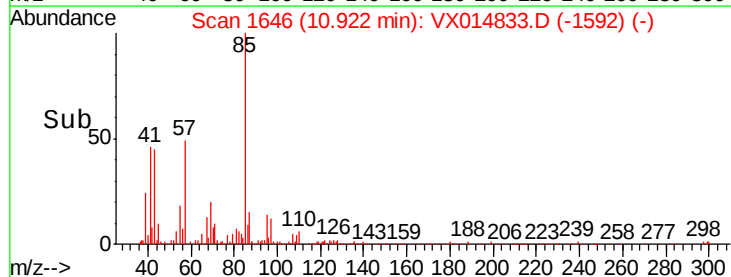
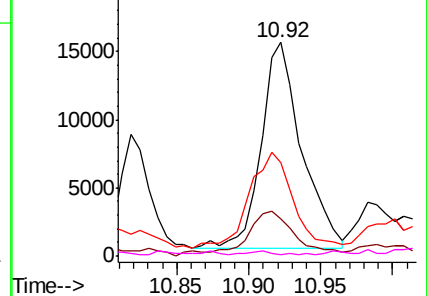


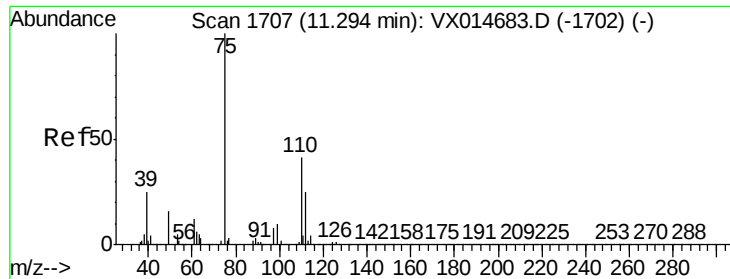
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

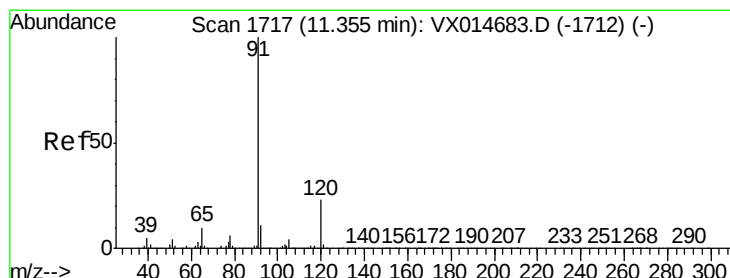
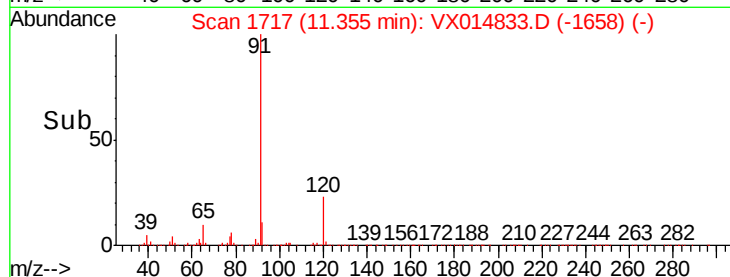
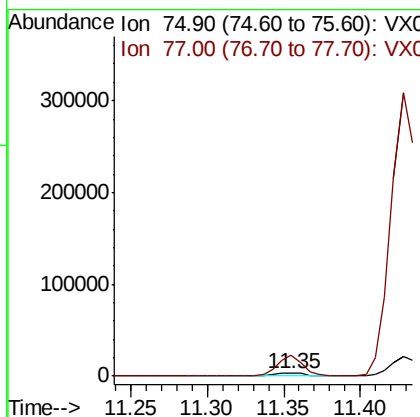
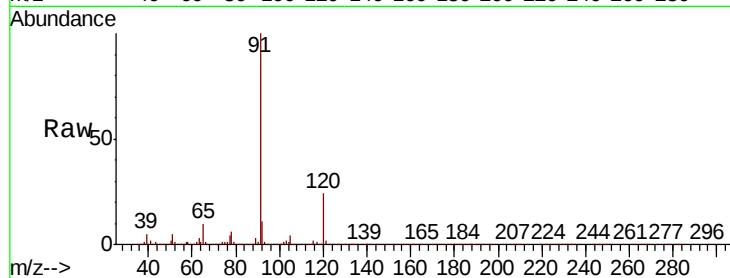




#76
 1,2,3-Trichloropropane
 Concen: 0.658 ug/l
 RT: 11.35 min Scan# 1717
 Delta R.T. 0.06 min
 Lab File: VX014833.D
 Acq: 05 Feb 2020 19:23

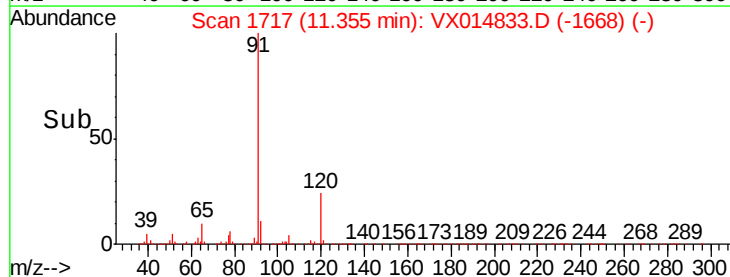
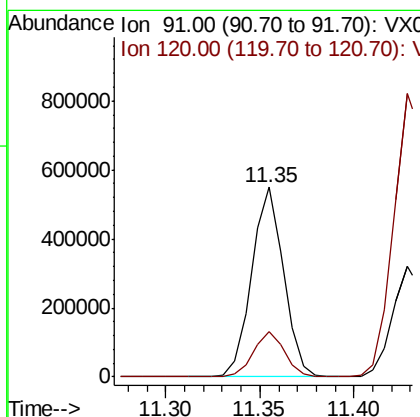
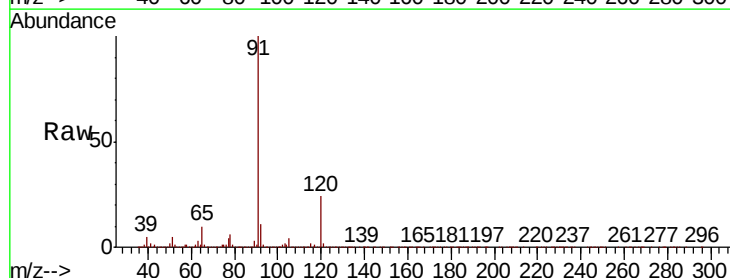
Instrument :
 MSVOA_X
 ClientSampleId :

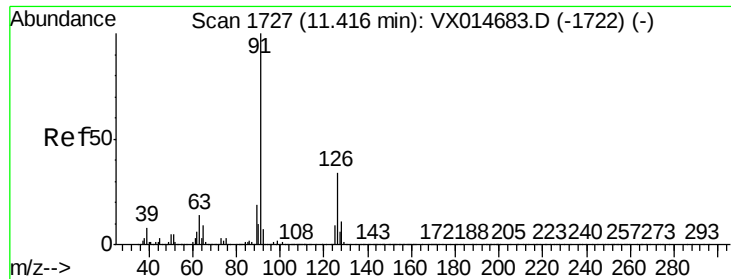
Tot Ion: 75 Resp: 4857
 Ion Ratio Lower Upper
 75 100
 77 523.0 18.7 56.1#



#78
 n-propylbenzene
 Concen: 25.392 ug/l
 RT: 11.35 min Scan# 1717
 Delta R.T. 0.00 min
 Lab File: VX014833.D
 Acq: 05 Feb 2020 19:23

Tgt Ion: 91 Resp: 643230
 Ion Ratio Lower Upper
 91 100
 120 23.4 11.7 35.0

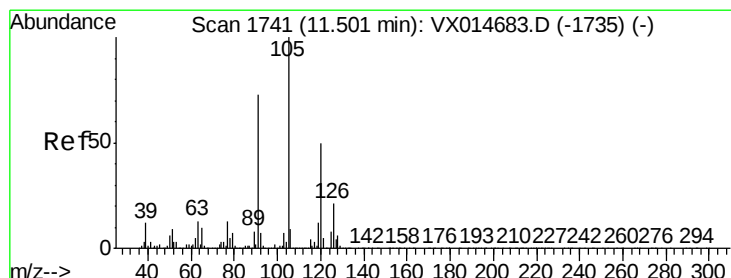
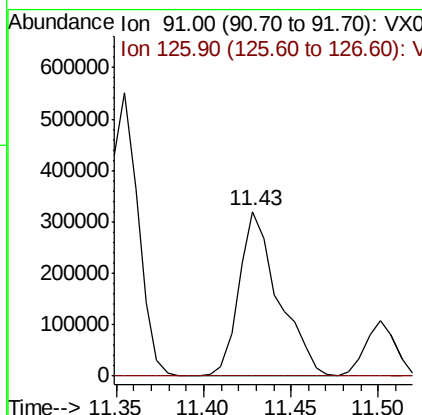
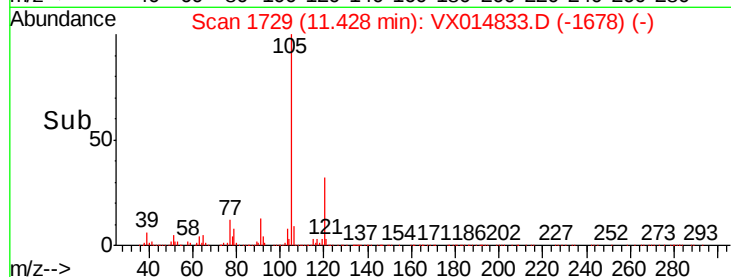
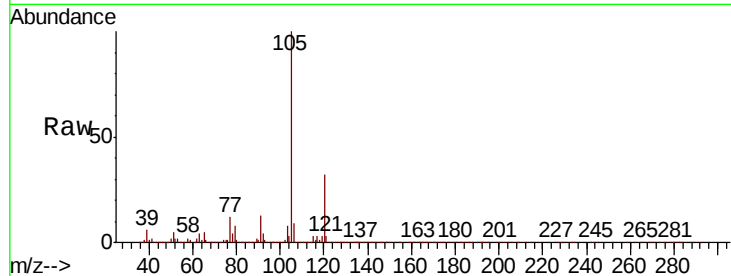




#79
 2-Chlorotoluene
 Concen: 32.778 ug/l
 RT: 11.43 min Scan# 1729
 Delta R.T. 0.01 min
 Lab File: VX014833.D
 Acq: 05 Feb 2020 19:23

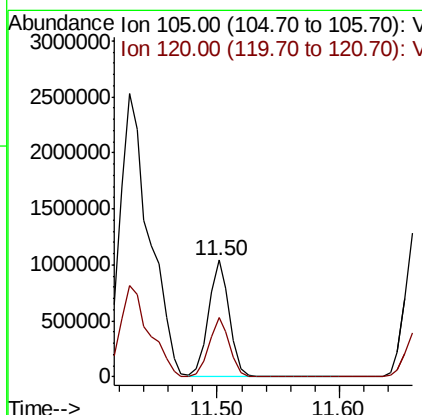
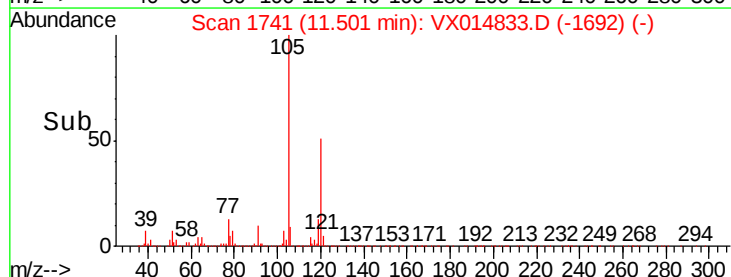
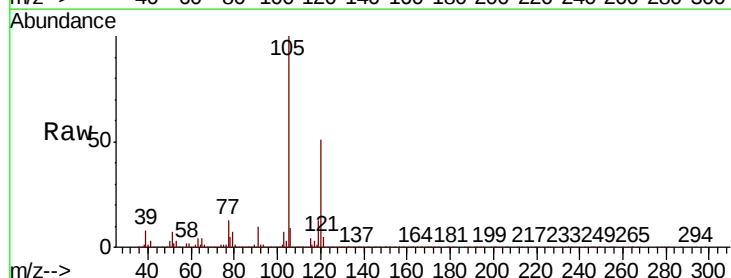
Instrument :
 MSVOA_X
 ClientSampleId :

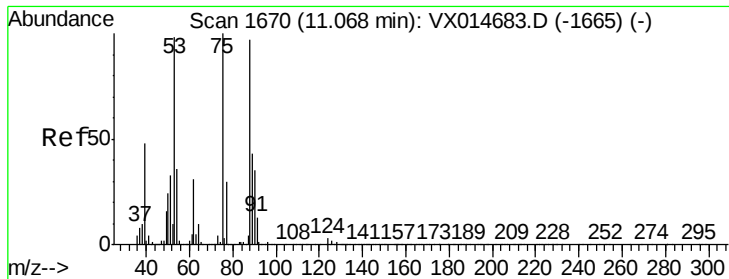
Tot Ion: 91 Resp: 502399
 Ion Ratio Lower Upper
 91 100
 126 0.1 17.3 51.9#



#80
 1,3,5-Trimethylbenzene
 Concen: 66.497 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX014833.D
 Acq: 05 Feb 2020 19:23

Tgt Ion: 105 Resp: 1231663
 Ion Ratio Lower Upper
 105 100
 120 50.2 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 55.410 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX014833.D

Acq: 05 Feb 2020 19:23

Instrument :

MSVOA_X

ClientSampleId :

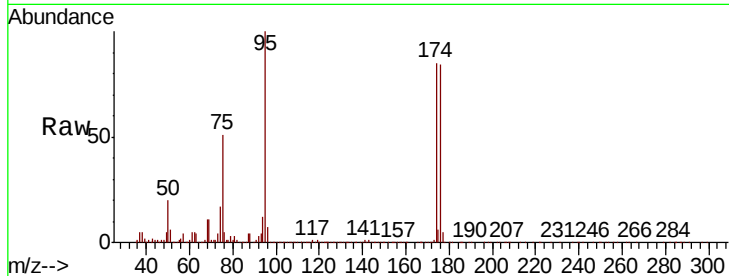
Tot Ion: 75 Resp: 143777

Ion Ratio Lower Upper

75 100

53 0.0 78.8 118.2#

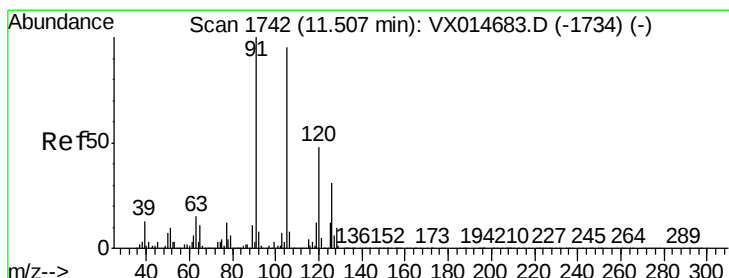
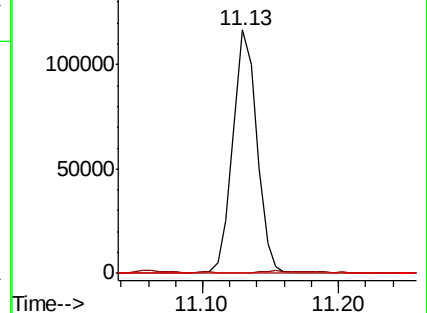
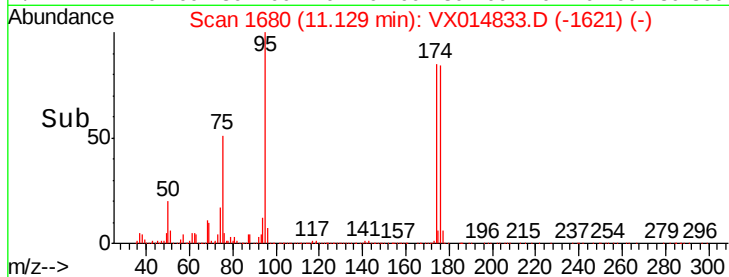
89 0.0 35.4 53.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 7.385 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.01 min

Lab File: VX014833.D

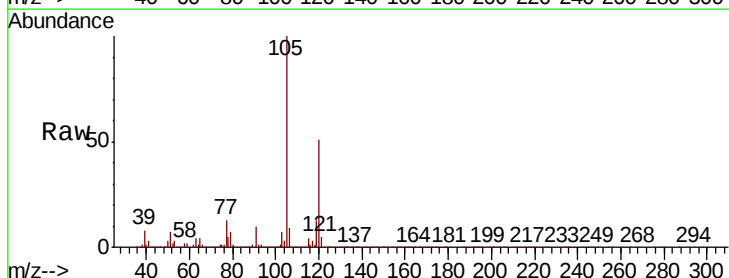
Acq: 05 Feb 2020 19:23

Tgt Ion: 91 Resp: 128869

Ion Ratio Lower Upper

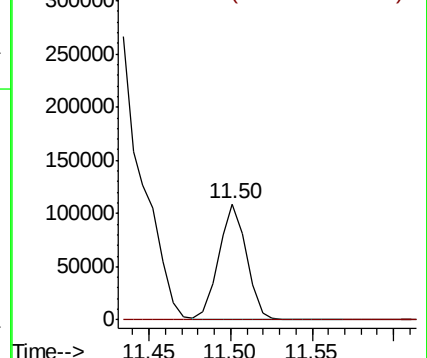
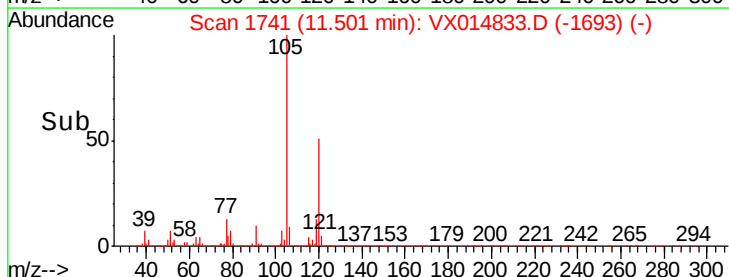
91 100

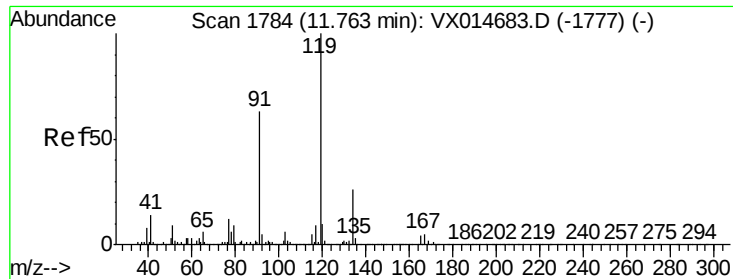
126 0.3 15.4 46.4#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

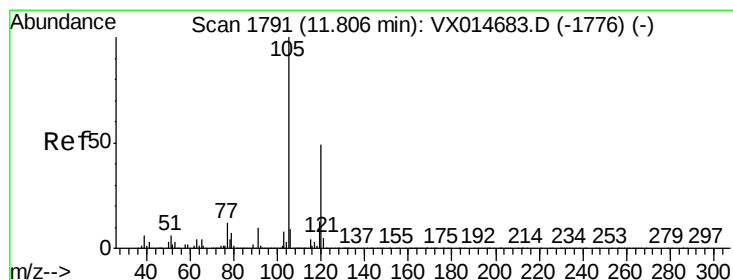
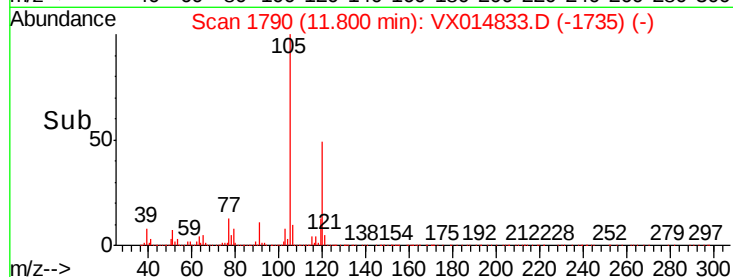
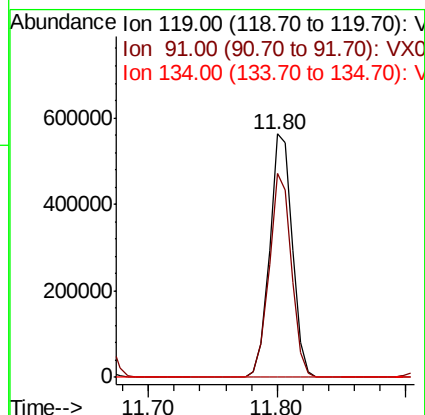
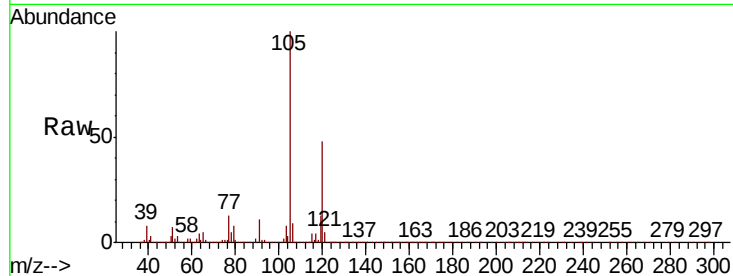




#83
tert-Butylbenzene
Concen: 39.580 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.04 min
Lab File: VX014833.D
Acq: 05 Feb 2020 19:23

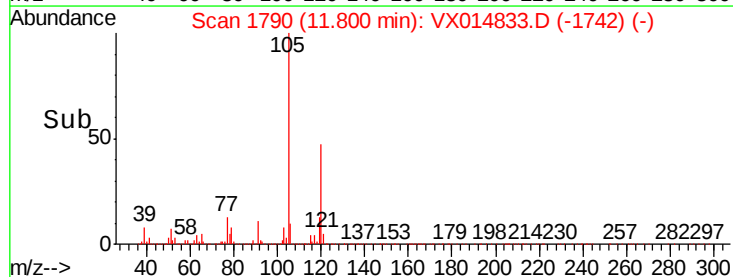
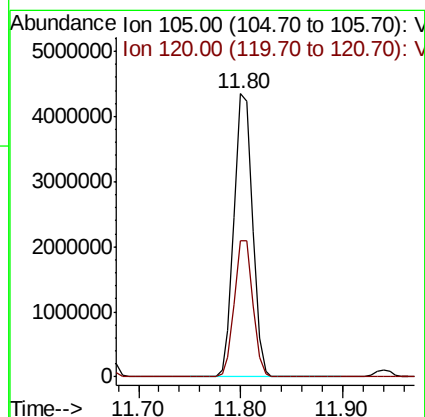
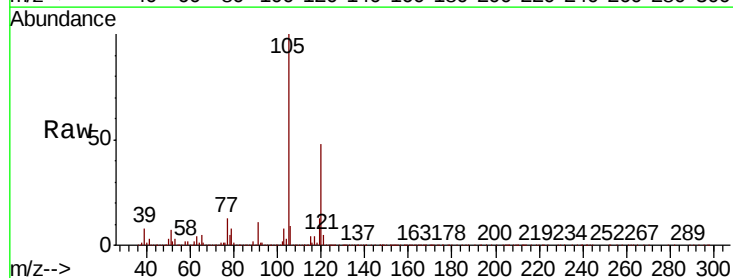
Instrument :
MSVOA_X
ClientSampleId :

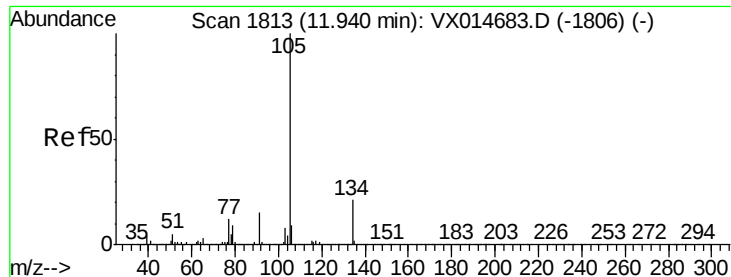
Tot Ion	Ratio	Lower	Upper
119	100		
91	82.3	30.0	90.0
134	0.0	12.7	38.0



#84
1,2,4-Trimethylbenzene
Concen: 291.148 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX014833.D
Acq: 05 Feb 2020 19:23

Tgt Ion	Ratio	Lower	Upper
105	100		
120	48.0	23.4	70.0

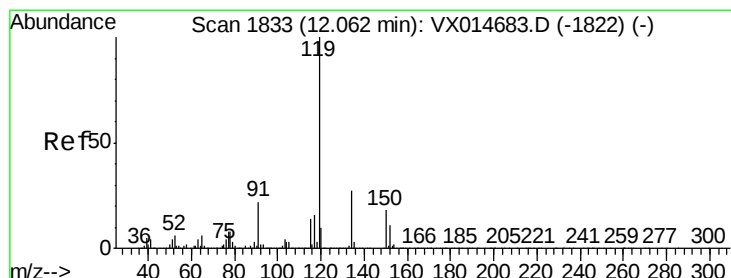
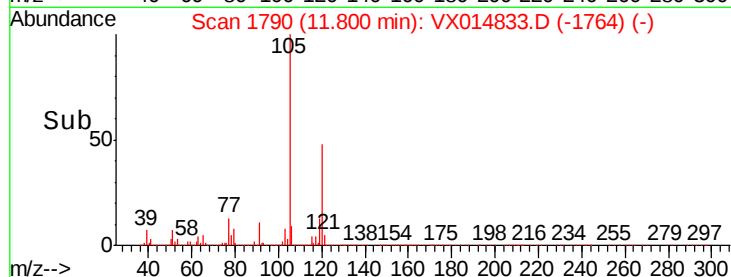
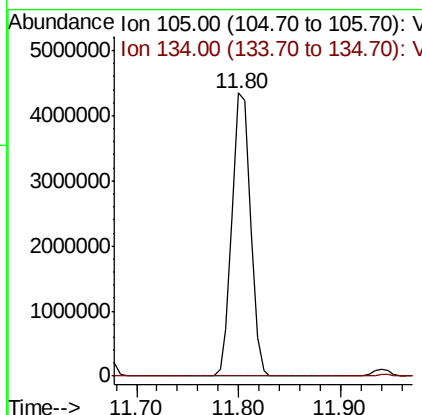
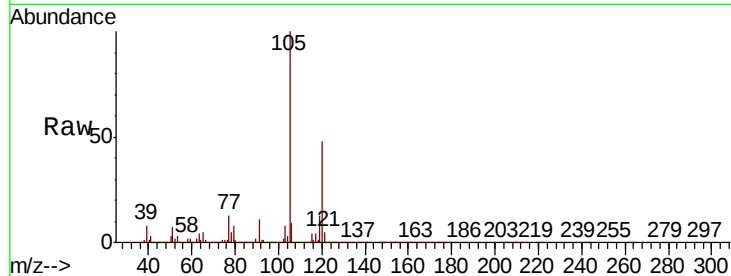




#85
 sec-Butylbenzene
 Concen: 253.677 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.14 min
 Lab File: VX014833.D
 Acq: 05 Feb 2020 19:23

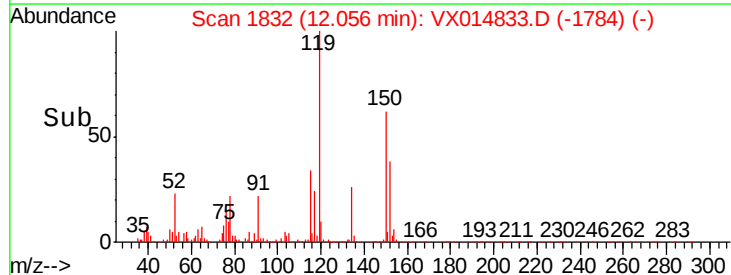
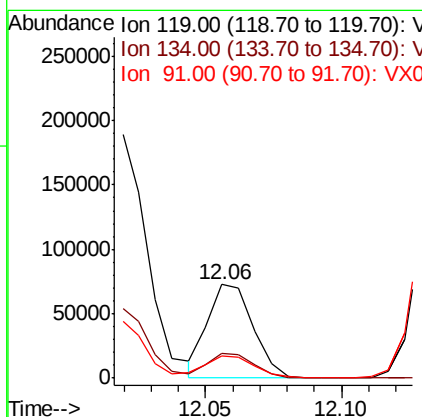
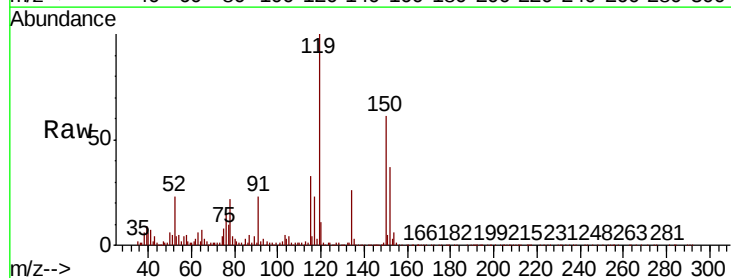
Instrument :
 MSVOA_X
 ClientSampleId :

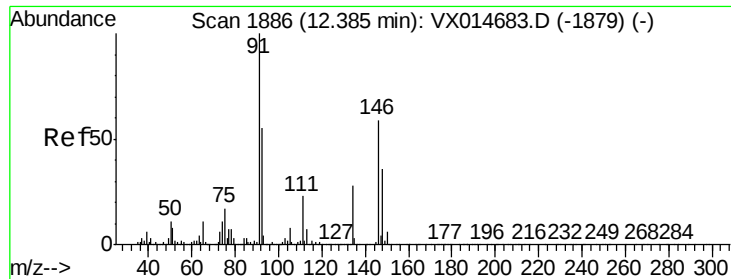
Tot Ion:105 Resp: 5408833
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.3 30.8#



#86
 p-Isopropyltoluene
 Concen: 4.256 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. -0.01 min
 Lab File: VX014833.D
 Acq: 05 Feb 2020 19:23

Tgt Ion:119 Resp: 83872
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.5 40.4
 91 24.6 11.3 33.8





#89

n-Butylbenzene

Concen: 15.884 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX014833.D

Acq: 05 Feb 2020 19:23

Instrument :

MSVOA_X

ClientSampleId :

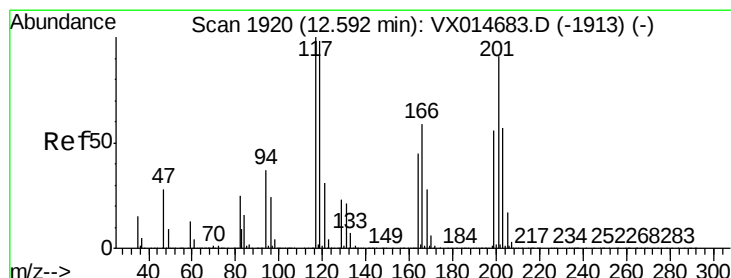
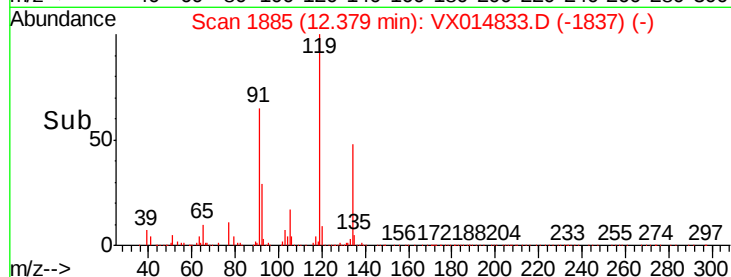
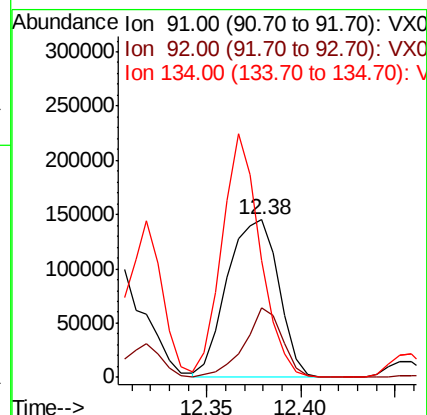
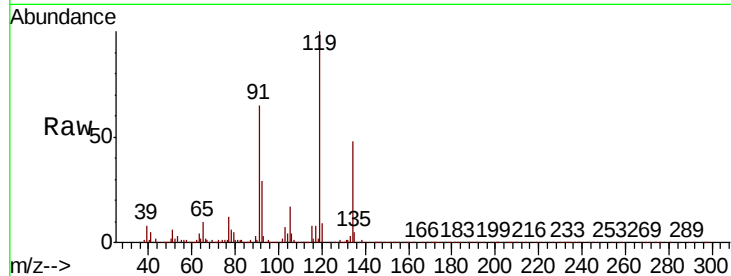
Tot Ion: 91 Resp: 272604

Ion Ratio Lower Upper

91 100

92 32.5 27.6 82.7

134 115.4 13.3 39.8#



#90

Hexachloroethane

Concen: 15.161 ug/l

RT: 12.58 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VX014833.D

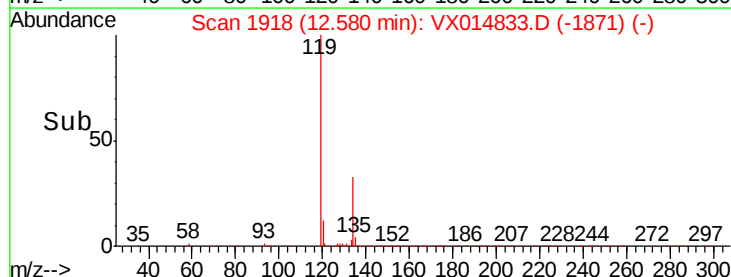
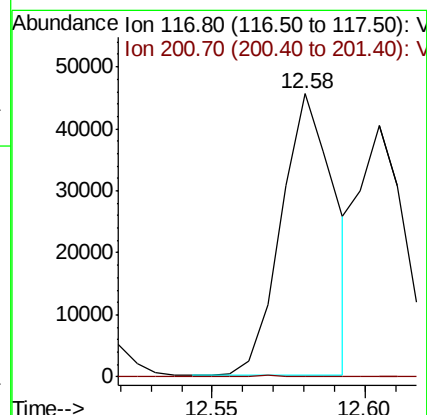
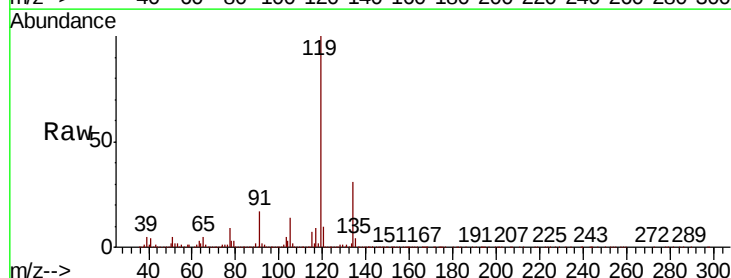
Acq: 05 Feb 2020 19:23

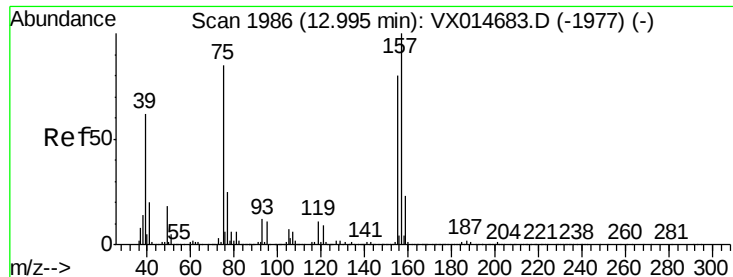
Tgt Ion: 117 Resp: 55488

Ion Ratio Lower Upper

117 100

201 0.2 44.4 133.1#





#92

1,2-Dibromo-3-Chloropropane

Concen: 3.616 ug/l

RT: 13.01 min Scan# 1989

Delta R.T. 0.02 min

Lab File: VX014833.D

Acq: 05 Feb 2020 19:23

Instrument :

MSVOA_X

ClientSampleId :

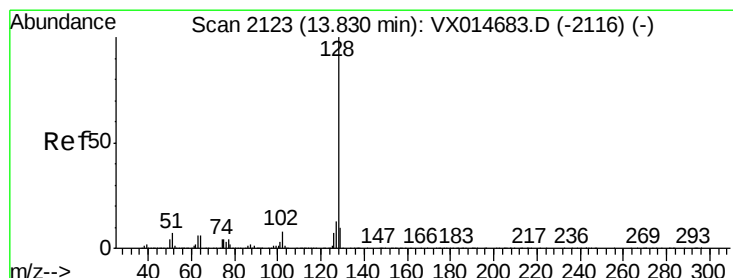
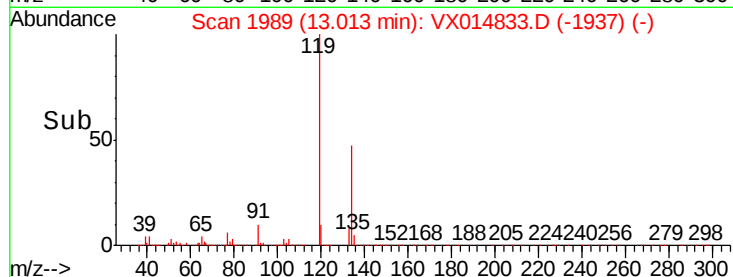
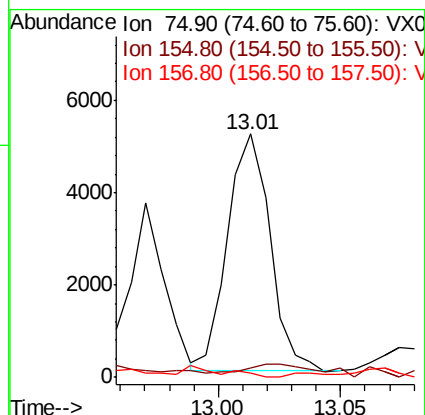
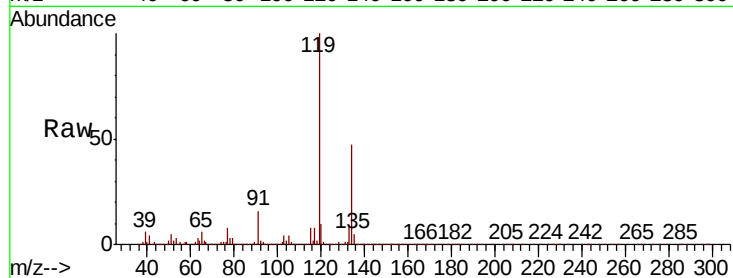
Tot Ion: 75 Resp: 6190

Ion Ratio Lower Upper

75 100

155 9.1 45.6 136.9#

157 1.8 60.3 180.9#



#95

Naphthalene

Concen: 98.408 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX014833.D

Acq: 05 Feb 2020 19:23

Tgt Ion: 128 Resp: 2209867

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

129 11.2 8.6 12.8

