

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020720\
 Data File : VX014870.D
 Acq On : 07 Feb 2020 14:51
 Operator : JC/SP
 Sample : L1420-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 07 22:12:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X011520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jan 15 12:41:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	65769	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	377012	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	342173	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	146898	31.78	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	105.93%
60) 4-Bromofluorobenzene	11.13	95	161147	29.43	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.10%
63) Toluene-d8	8.71	98	449091	29.06	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	96.87%

Target Compounds

					Ovalue
4) Vinyl Chloride	1.40	62	1895	0.339 ug/l	98
6) Chloroethane	1.72	64	672	0.213 ug/l #	83
8) Diethyl Ether	2.17	74	8479	3.138 ug/l	91
11) Methyl Iodide	2.51	142	1376	0.282 ug/l #	68
12) Methyl Acetate	3.19	43	8059	1.225 ug/l	94
13) Acrolein	2.24	56	303	0.439 ug/l	94
15) Acetone	2.42	58	2812	3.727 ug/l	94
16) Carbon Disulfide	2.56	76	4365	0.437 ug/l	100
21) 1,1-Dichloroethane	3.69	63	1520	0.210 ug/l #	86
23) tert-Butyl Alcohol	3.02	59	7580800	8145.110 ug/l	100
24) Methyl tert-Butyl Ether	3.19	73	37759	3.116 ug/l	92
30) 2-Butanone	4.68	43	269074	76.823 ug/l #	80
34) Benzene	6.13	78	35402	2.072 ug/l #	90
36) 1,2-Dichloroethane	6.19	62	4048	0.681 ug/l #	77
44) Isopropyl Acetate	6.43	43	6011	0.588 ug/l #	66
45) 1,4-Dioxane	7.73	88	14234	139.119 ug/l	95
51) Ethyl methacrylate	9.09	69	2273	0.336 ug/l	91
58) 4-Methyl-2-Pentanone	8.64	43	63240	9.814 ug/l	90
59) 2-Hexanone	9.49	43	12738	2.556 ug/l #	77
62) Toluene	8.78	91	45416	2.502 ug/l	99
67) m/p-Xylenes	10.35	106	61140	8.072 ug/l	95
68) o-Xylene	10.70	106	43435	5.889 ug/l	97
69) Styrene	10.70	104	4733	0.379 ug/l #	1
71) 1,1,2,2-Tetrachloroethane	11.36	83	2331	0.358 ug/l	70
75) 2-Chlorotoluene	11.42	91	6394	0.483 ug/l	68
76) 1,3,5-Trimethylbenzene	11.50	105	15014	0.933 ug/l	99
77) t-1,4-Dichloro-2-butene	11.06	75	2294	1.071 ug/l #	15
78) 4-Chlorotoluene	11.51	91	3913	0.260 ug/l	50
79) tert-butylbenzene	11.81	119	6111	0.406 ug/l	58
80) 1,2,4-Trimethylbenzene	11.80	105	47252	2.943 ug/l	98
82) p-Isopropyltoluene	12.06	119	11673	0.686 ug/l	91
84) 1,4-Dichlorobenzene	12.09	146	47897	5.402 ug/l	98
85) n-Butylbenzene	12.29	91	6293	0.423 ug/l	56
87) 1,2-Dichlorobenzene	12.39	146	4765	0.528 ug/l	94
88) 1,2-Dibromo-3-Chloropropan	13.01	75	641	0.461 ug/l #	21
89) 1,2,4-Trichlorobenzene	13.64	180	2178	0.366 ug/l #	90
90) Hexachlorobutadiene	13.78	225	768	0.258 ug/l	87

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ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :

Quant Time: Feb 07 22:12:42 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X011520W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jan 15 12:41:12 2020
Response via : Initial Calibration

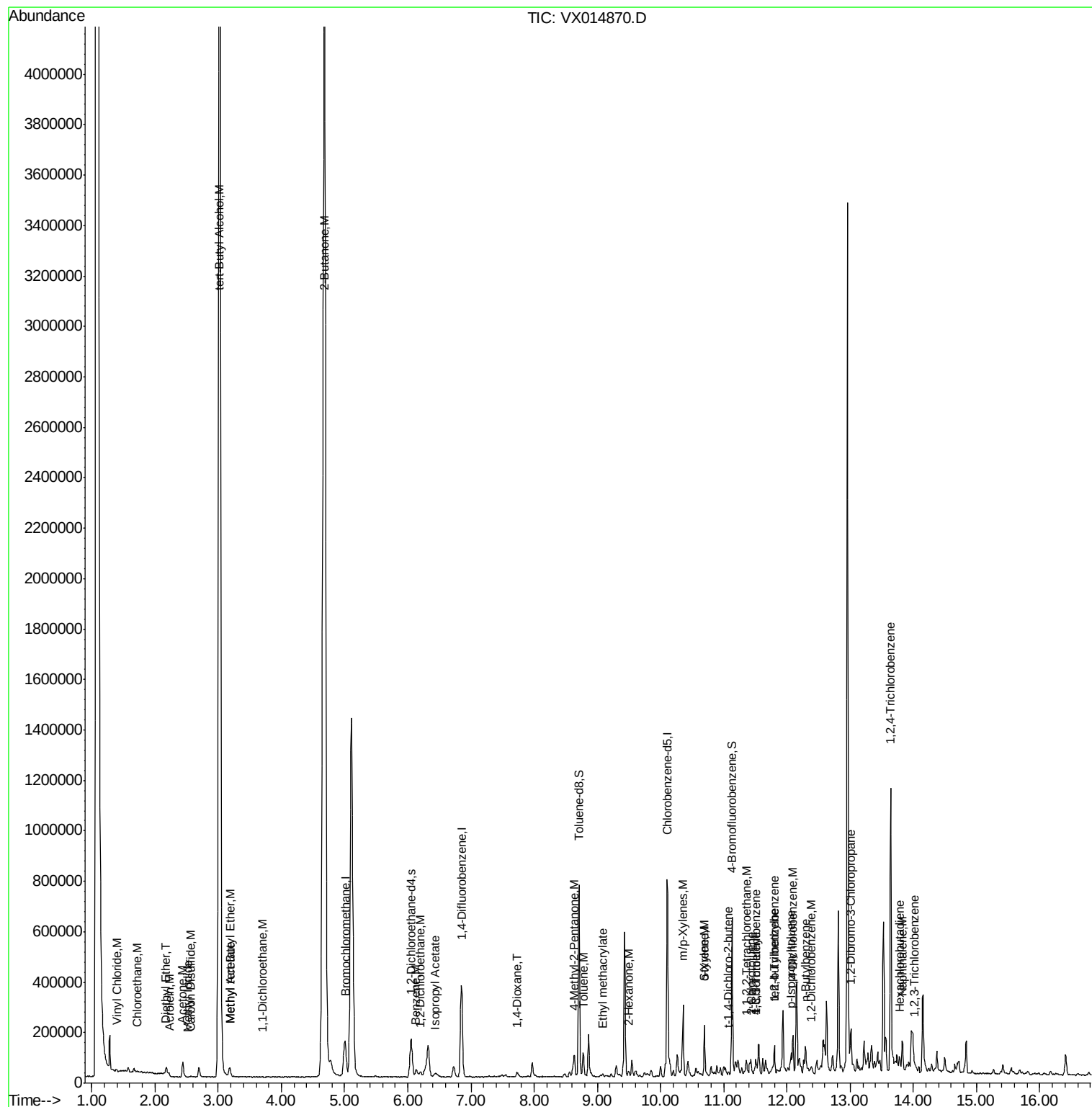
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) Naphthalene	13.83	128	39002	2.169	ug/l	98
92) 1,2,3-Trichlorobenzene	14.02	180	1634	0.270	ug/l	83

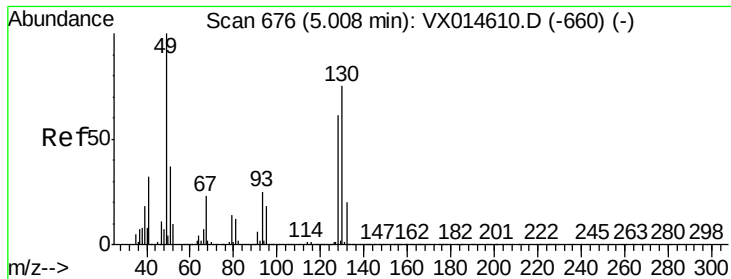
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 07 22:12:42 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X011520W.M
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.01 min Scan# 676

Delta R.T. 0.01 min

Lab File: VX014870.D

Acq: 07 Feb 2020 14:51

Instrument :
MSVOA_X
ClientSampleId :

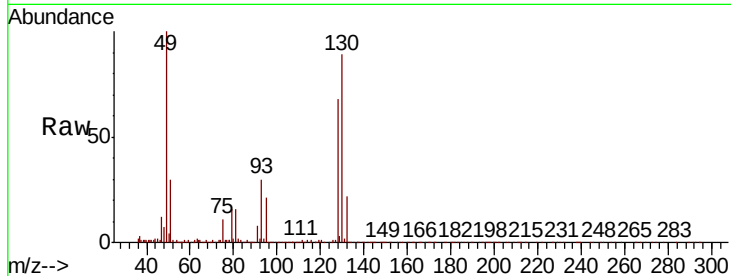
Tot Ion:128 Resp: 65769

Ion Ratio Lower Upper

128 100

49 145.6 0.0 405.0

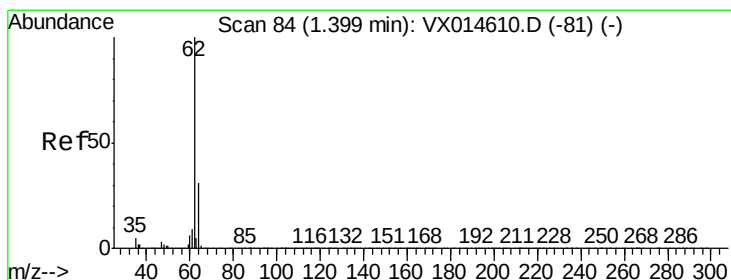
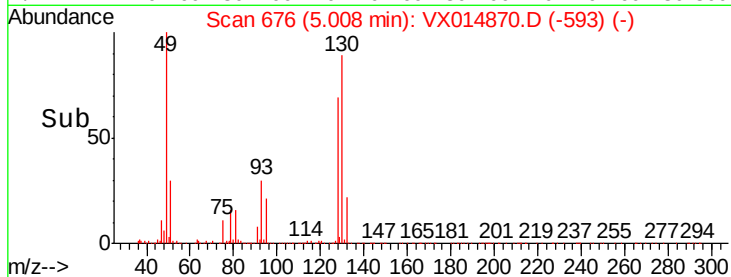
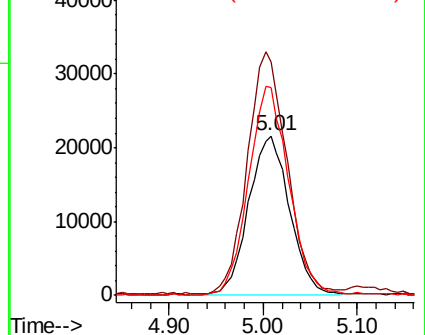
130 129.3 0.0 321.5



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#4

Vinyl Chloride

Concen: 0.339 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014870.D

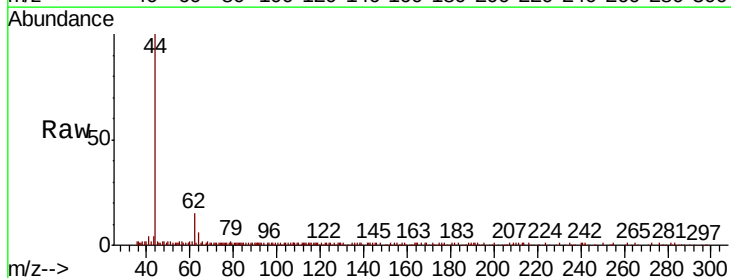
Acq: 07 Feb 2020 14:51

Tgt Ion: 62 Resp: 1895

Ion Ratio Lower Upper

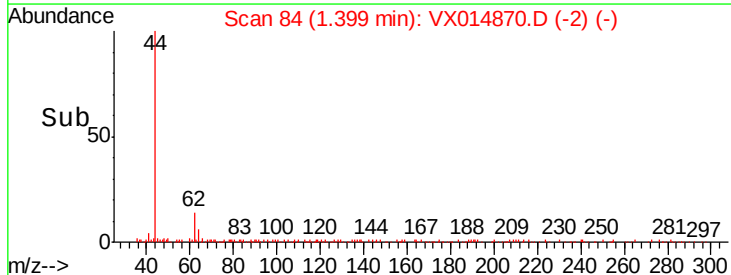
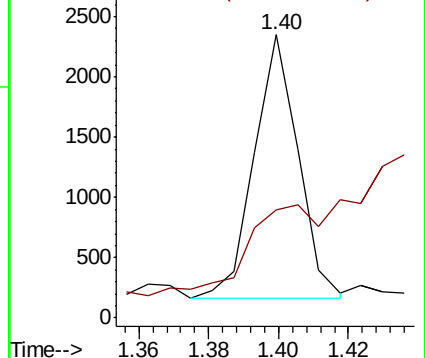
62 100

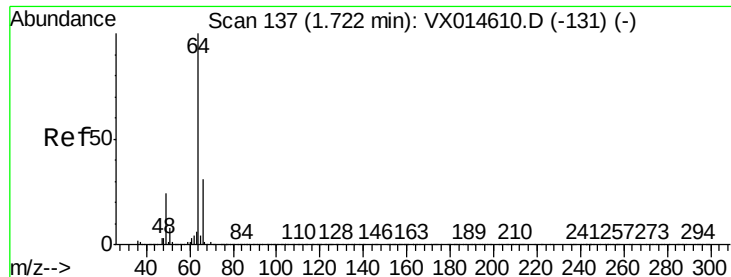
64 30.4 25.2 37.8



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#6

Chloroethane

Concen: 0.213 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.02 min

Lab File: VX014870.D

Acq: 07 Feb 2020 14:51

Instrument :

MSVOA_X

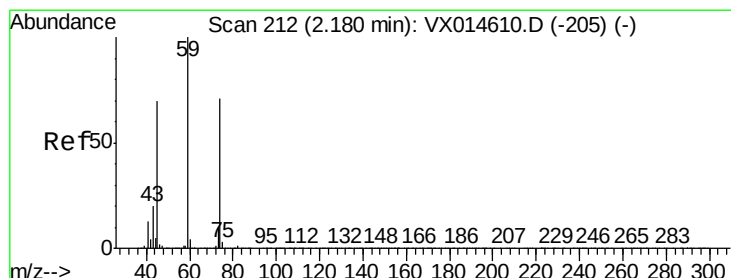
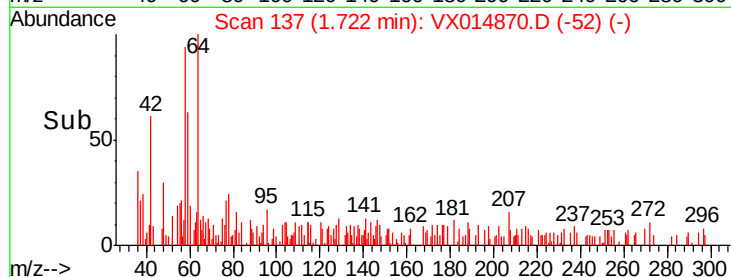
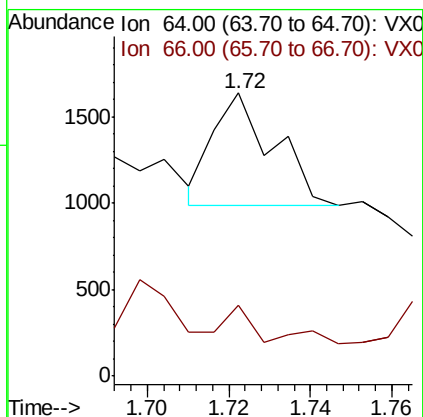
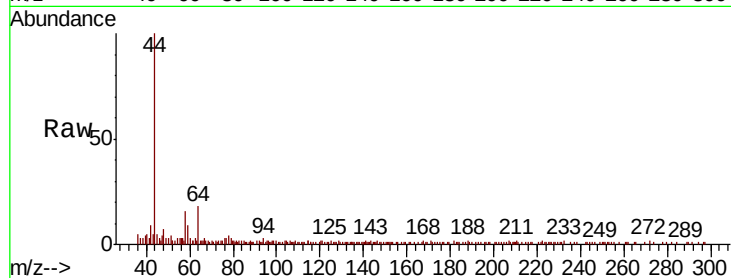
ClientSampleId :

Tot Ion: 64 Resp: 672

Ion Ratio Lower Upper

64 100

66 40.7 25.2 37.8#



#8

Diethyl Ether

Concen: 3.138 ug/l

RT: 2.17 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX014870.D

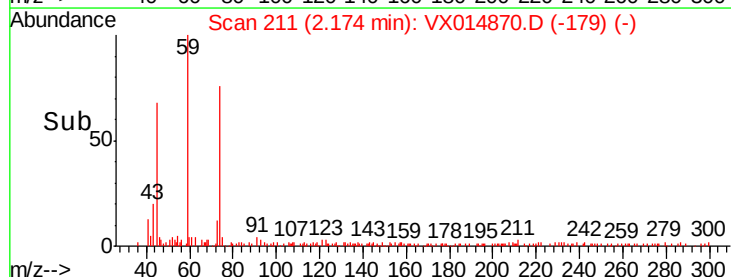
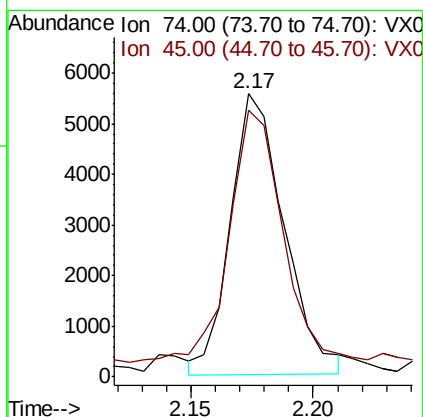
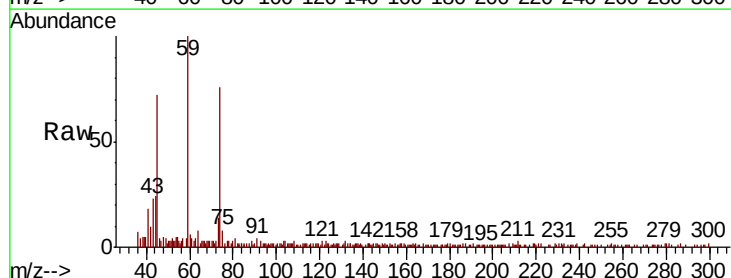
Acq: 07 Feb 2020 14:51

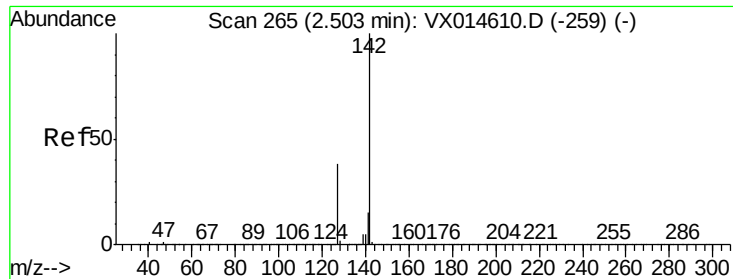
Tgt Ion: 74 Resp: 8479

Ion Ratio Lower Upper

74 100

45 94.0 20.6 185.0

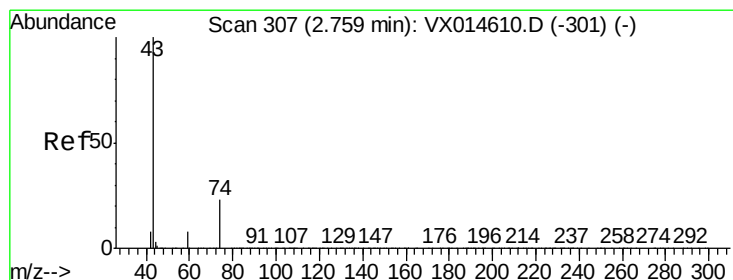
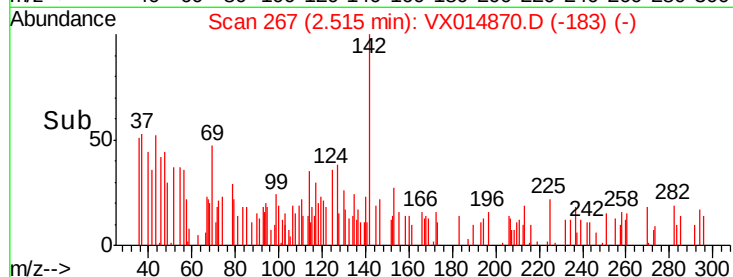
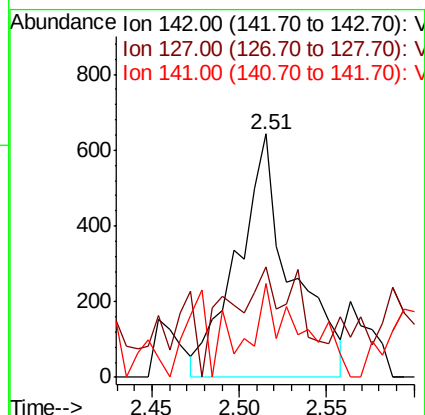
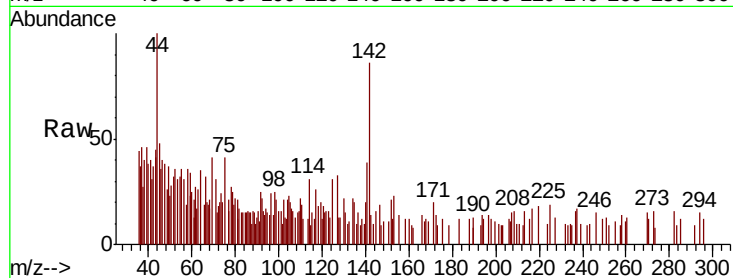




#11
Methvl Iodide
Concen: 0.282 ug/l
RT: 2.51 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX014870.D
Acq: 07 Feb 2020 14:51

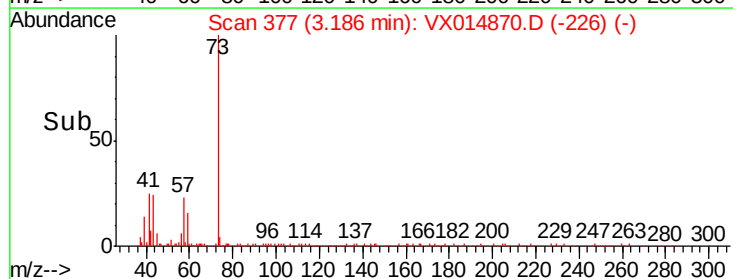
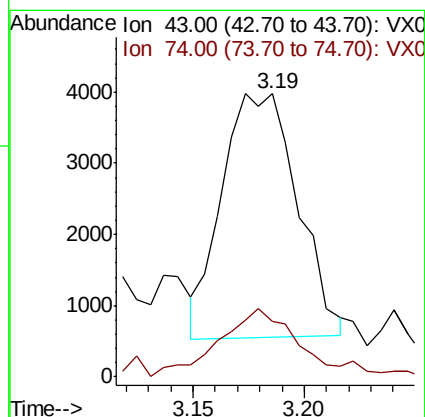
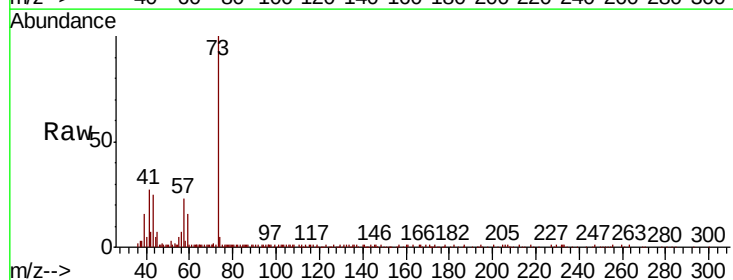
Instrument :
MSVOA_X
ClientSampleId :

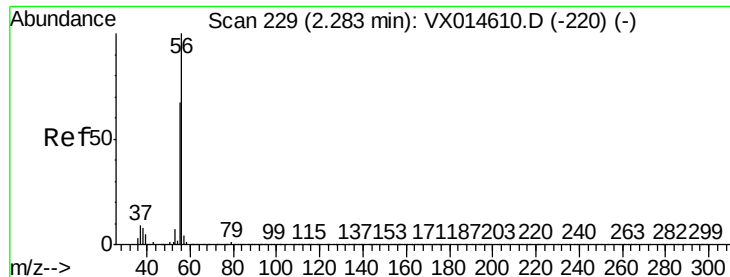
Tot Ion:142 Resp: 1376
Ion Ratio Lower Upper
142 100
127 17.6 19.5 58.5#
141 23.6 7.0 20.9#



#12
Methyl Acetate
Concen: 1.225 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.42 min
Lab File: VX014870.D
Acq: 07 Feb 2020 14:51

Tgt Ion: 43 Resp: 8059
Ion Ratio Lower Upper
43 100
74 20.4 18.5 27.7

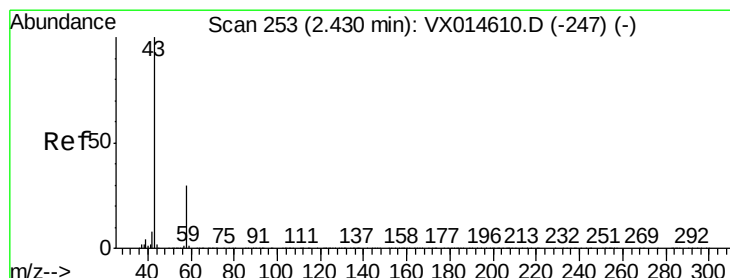
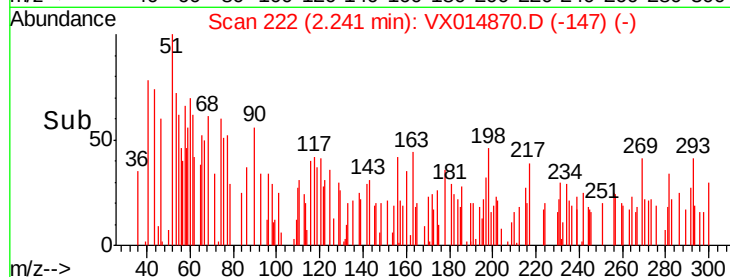
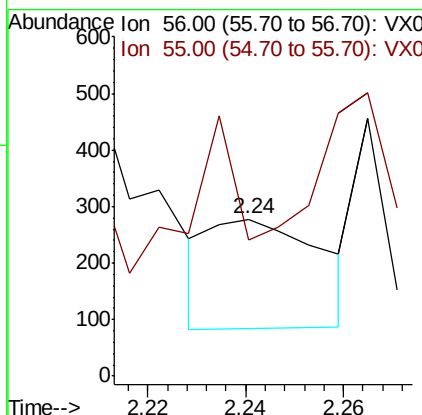
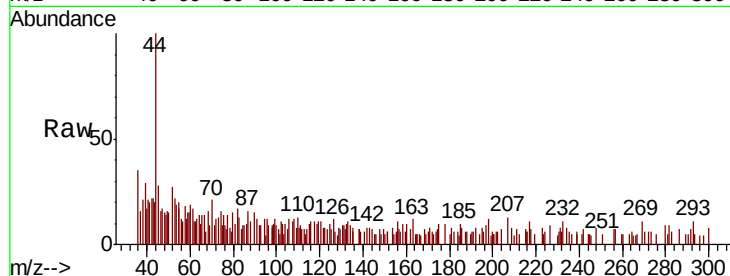




#13
Acrolein
Concen: 0.439 ug/l
RT: 2.24 min Scan# 222
Delta R.T. -0.04 min
Lab File: VX014870.D
Acq: 07 Feb 2020 14:51

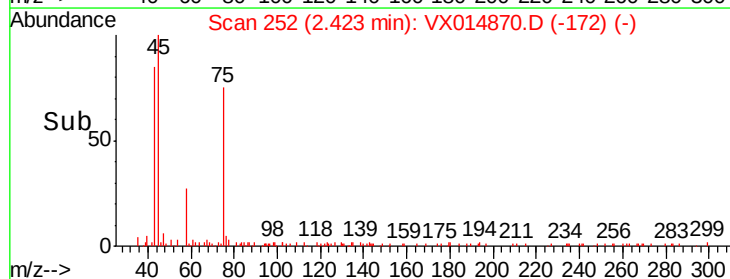
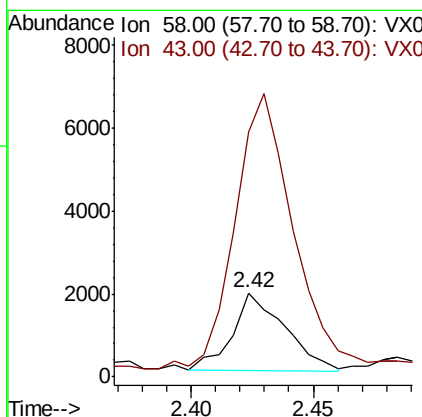
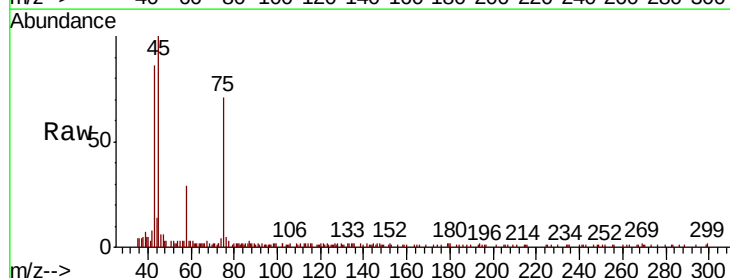
Instrument :
MSVOA_X
ClientSampleId :

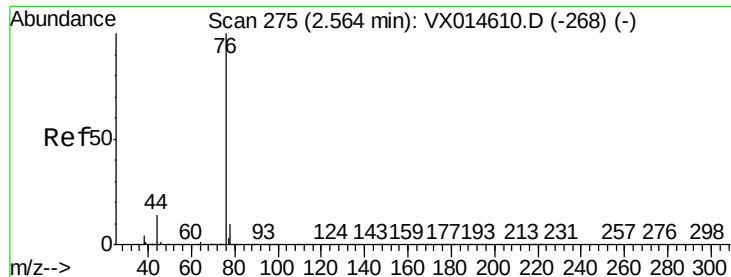
Tot Ion: 56 Resp: 303
Ion Ratio Lower Upper
56 100
55 73.6 54.9 82.3



#15
Acetone
Concen: 3.727 ug/l
RT: 2.42 min Scan# 252
Delta R.T. -0.01 min
Lab File: VX014870.D
Acq: 07 Feb 2020 14:51

Tgt Ion: 58 Resp: 2812
Ion Ratio Lower Upper
58 100
43 306.9 236.3 354.5

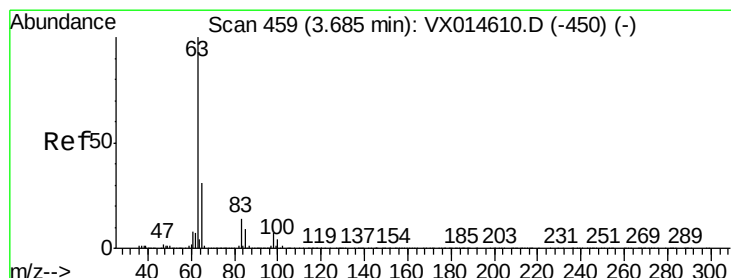
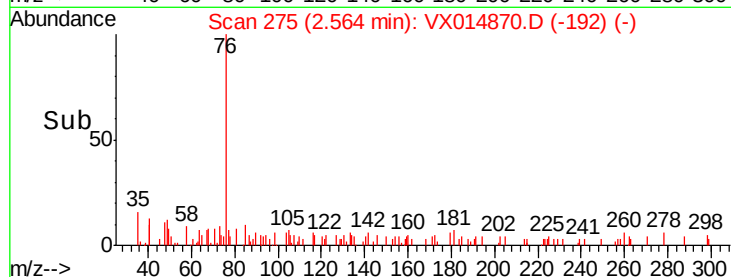
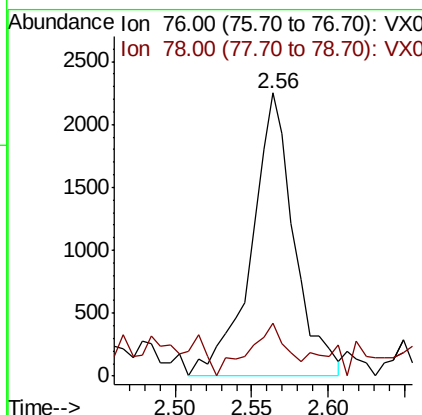
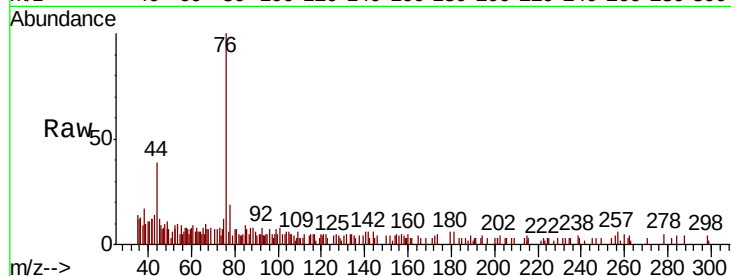




#16
Carbon Disulfide
Concen: 0.437 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX014870.D
Acq: 07 Feb 2020 14:51

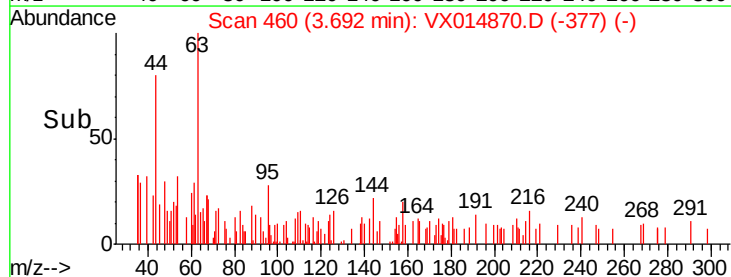
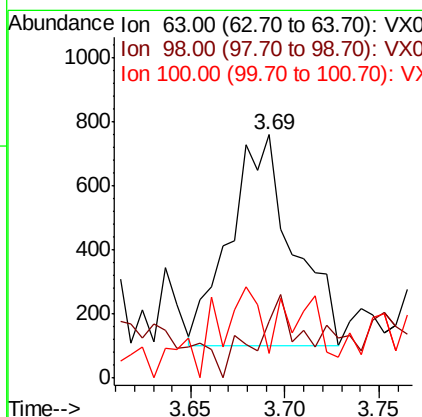
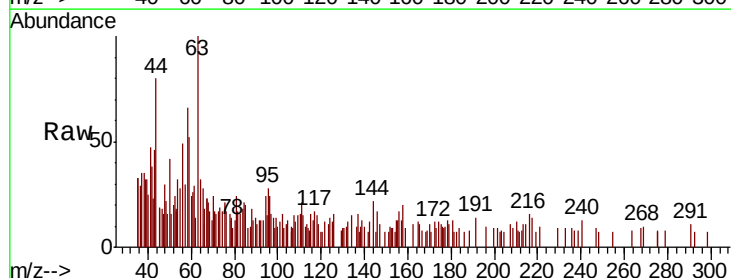
Instrument :
MSVOA_X
ClientSampleId :

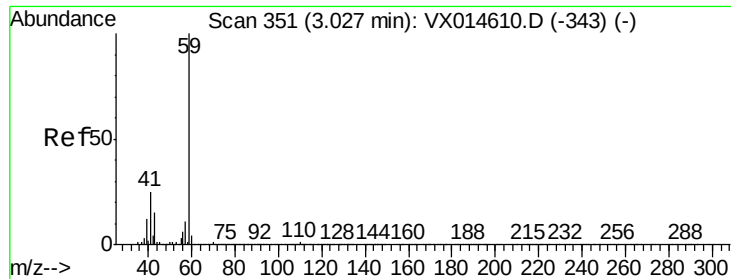
Tot Ion: 76 Resp: 4365
Ion Ratio Lower Upper
76 100
78 9.8 7.8 11.8



#21
1,1-Dichloroethane
Concen: 0.210 ug/l
RT: 3.69 min Scan# 460
Delta R.T. 0.01 min
Lab File: VX014870.D
Acq: 07 Feb 2020 14:51

Tgt Ion: 63 Resp: 1520
Ion Ratio Lower Upper
63 100
98 12.3 3.4 10.1#
100 1.7 2.5 7.4#



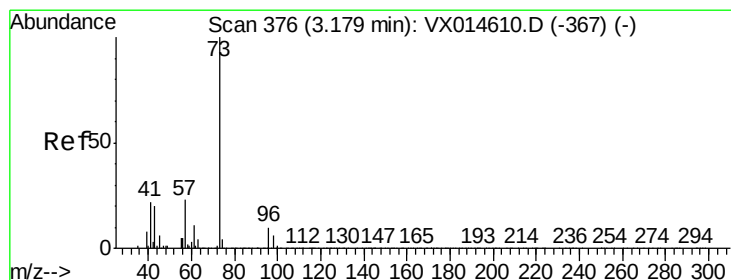
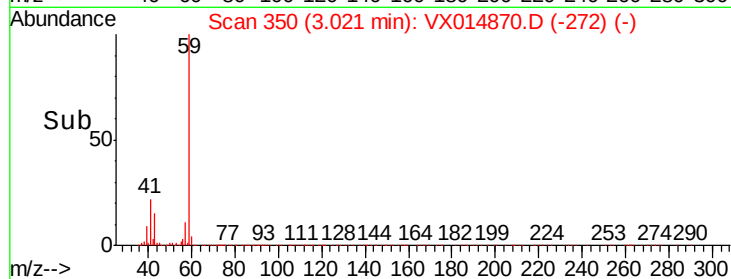
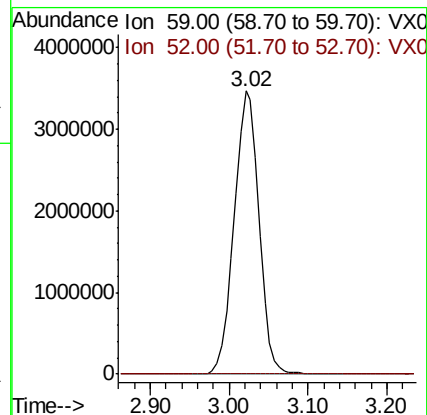
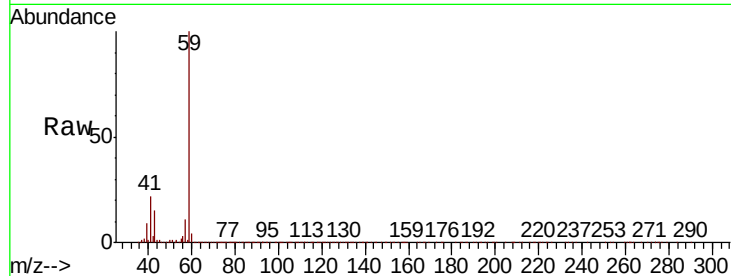


#23

tert-Butyl Alcohol
Concen: 8145.110 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.02 min
Lab File: VX014870.D
Acq: 07 Feb 2020 14:51

Instrument :
MSVOA_X
ClientSampleId :

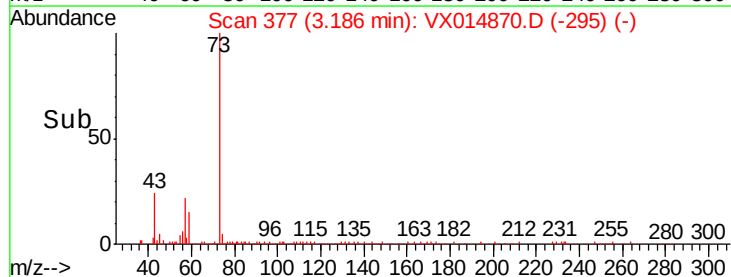
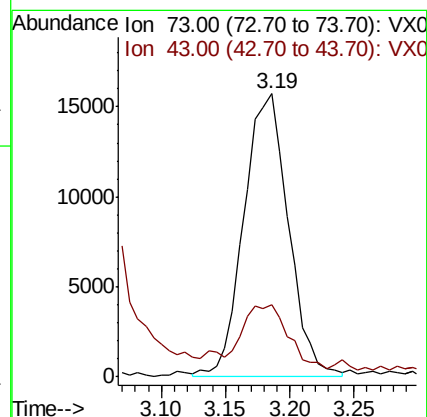
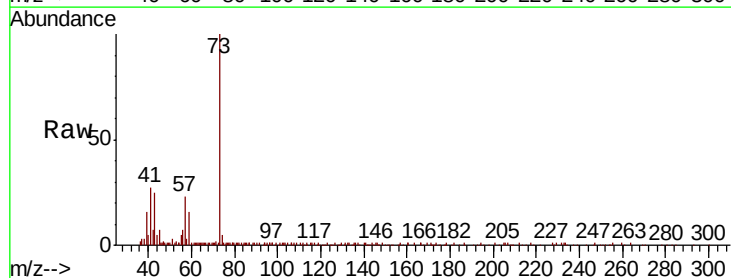
Tot Ion: 59 Resp: 7580800
Ion Ratio Lower Upper
59 100
52 0.2 0.2 0.2

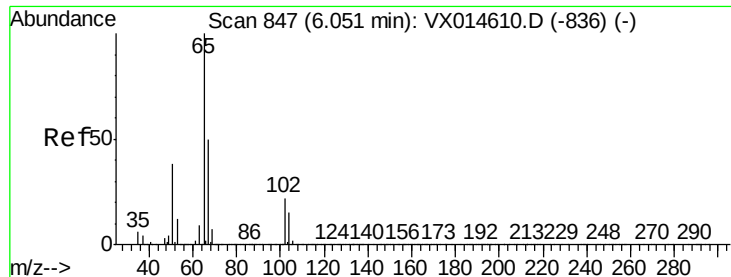


#24

Methyl tert-Butyl Ether
Concen: 3.116 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX014870.D
Acq: 07 Feb 2020 14:51

Tgt Ion: 73 Resp: 37759
Ion Ratio Lower Upper
73 100
43 24.6 16.6 25.0

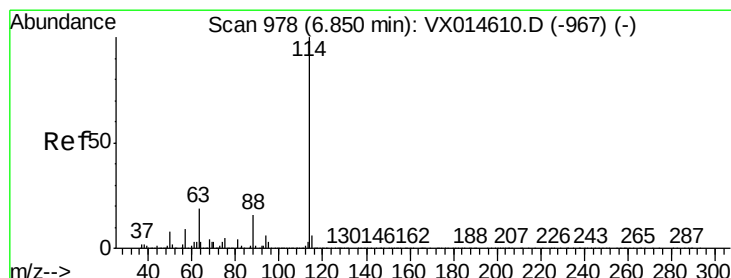
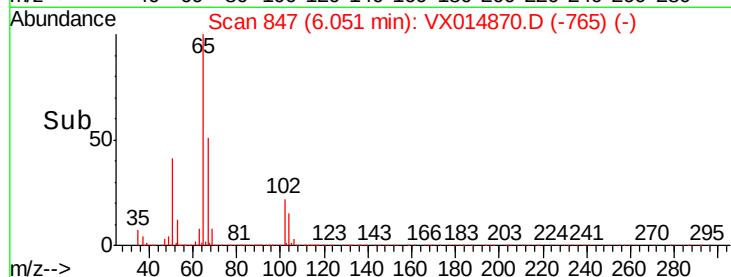
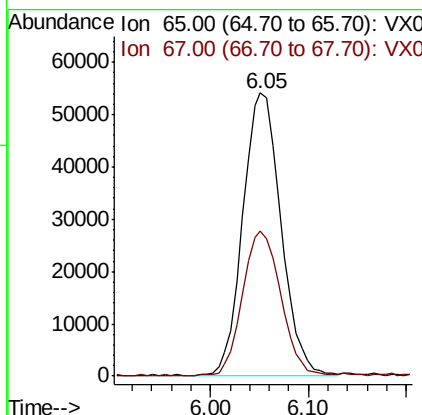
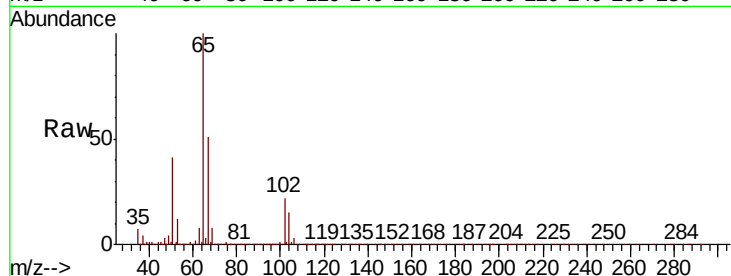




#27
 1,2-Dichloroethane-d4
 Concen: 31.777 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014870.D
 Acq: 07 Feb 2020 14:51

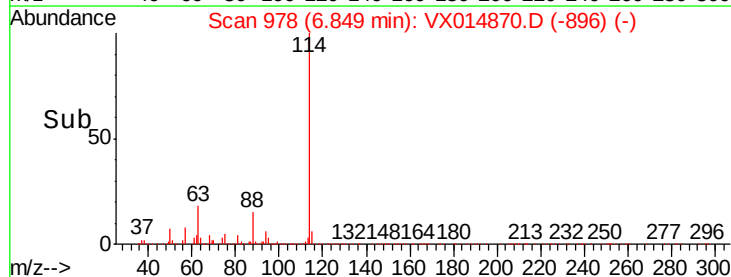
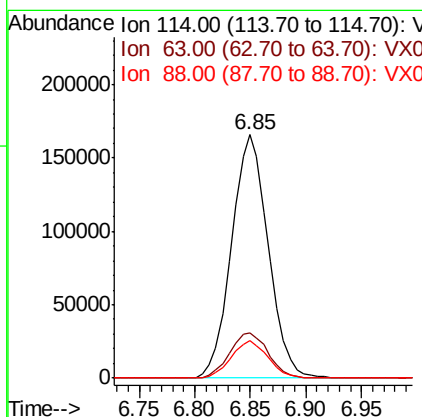
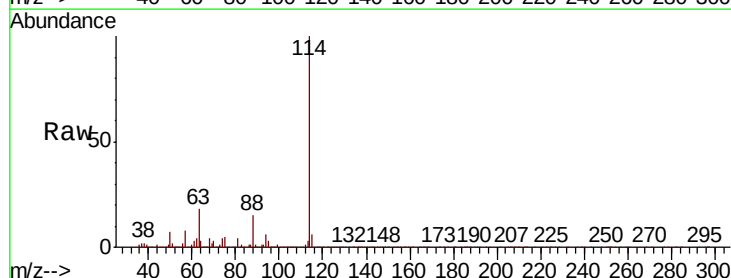
Instrument :
 MSVOA_X
 ClientSampleId :

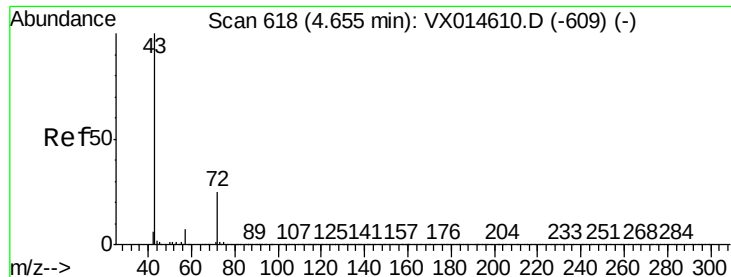
Tot Ion: 65 Resp: 146898
 Ion Ratio Lower Upper
 65 100
 67 51.4 43.1 64.7



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014870.D
 Acq: 07 Feb 2020 14:51

Tgt Ion: 114 Resp: 377012
 Ion Ratio Lower Upper
 114 100
 63 19.4 16.1 24.1
 88 15.4 12.5 18.7

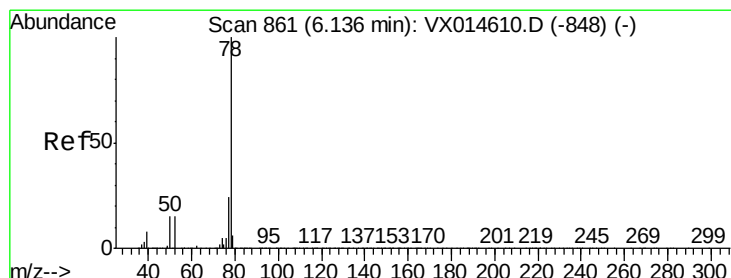
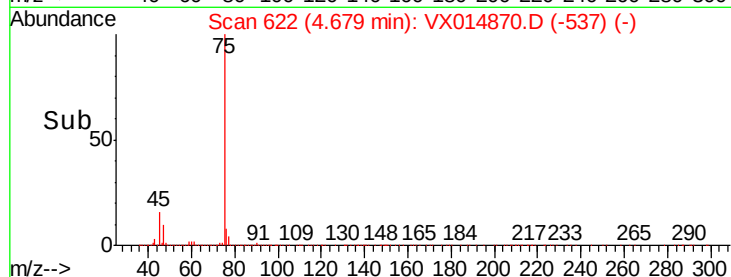
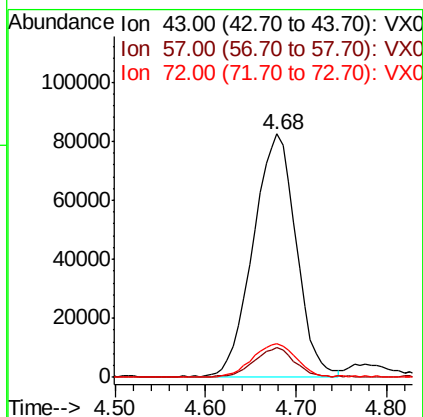
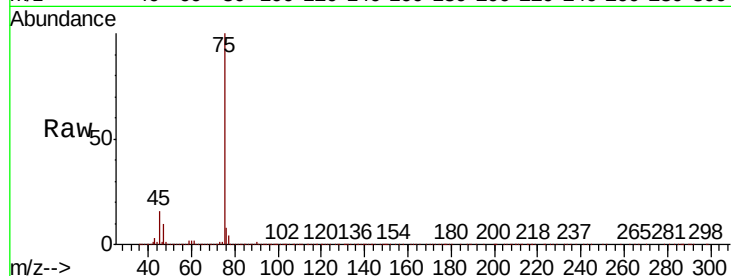




#30
2-Butanone
Concen: 76.823 ug/l
RT: 4.68 min Scan# 622
Delta R.T. 0.02 min
Lab File: VX014870.D
Acq: 07 Feb 2020 14:51

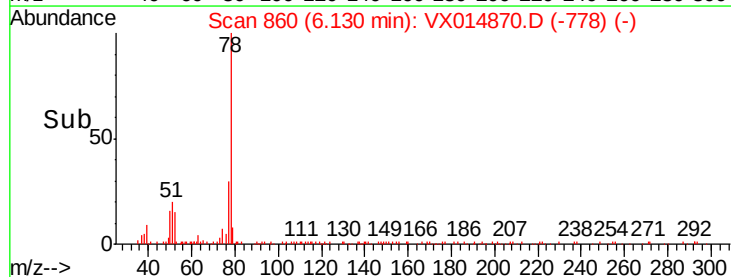
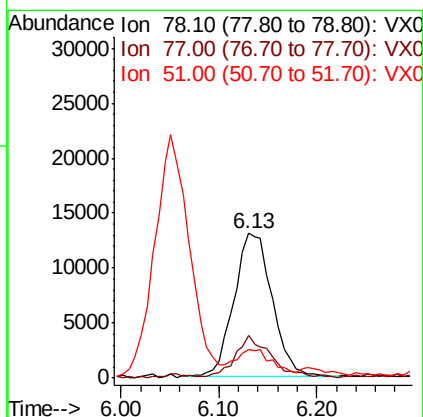
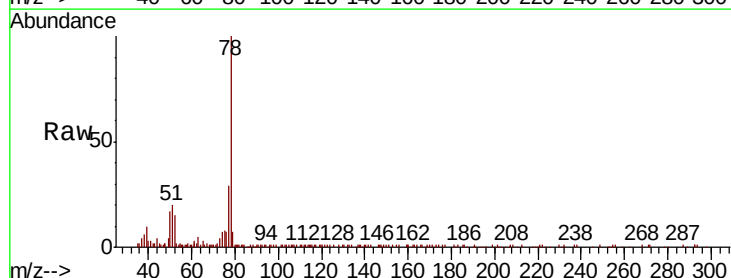
Instrument :
MSVOA_X
ClientSampleId :

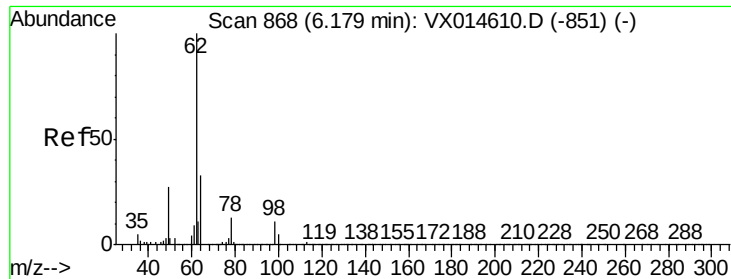
Tot Ion: 43 Resp: 269074
Ion Ratio Lower Upper
43 100
57 11.2 6.2 9.2#
72 14.0 20.3 30.5#



#34
Benzene
Concen: 2.072 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX014870.D
Acq: 07 Feb 2020 14:51

Tgt Ion: 78 Resp: 35402
Ion Ratio Lower Upper
78 100
77 29.8 18.2 27.2#
51 16.3 12.4 18.6

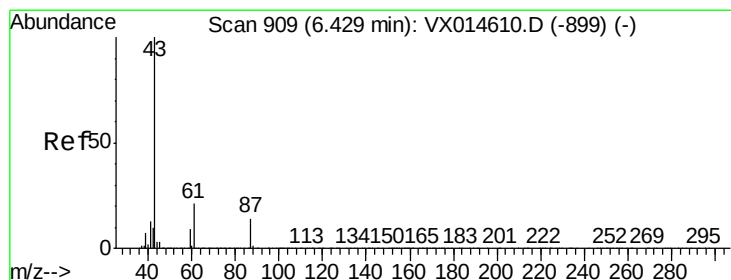
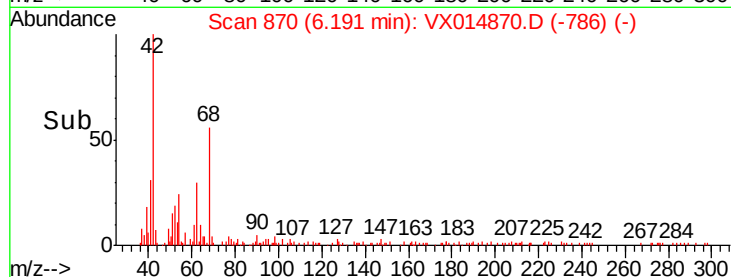
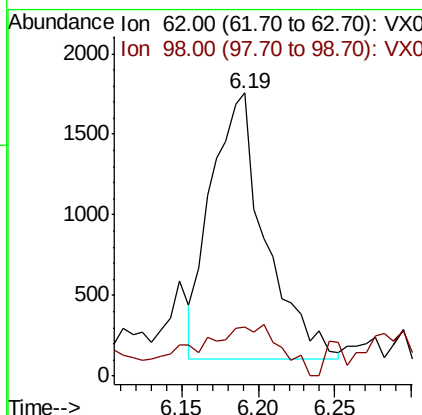
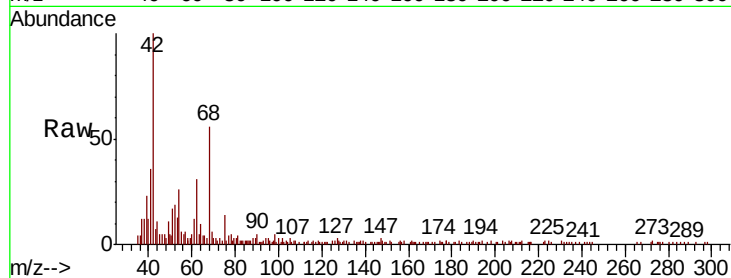




#36
 1,2-Dichloroethane
 Concen: 0.681 ug/l
 RT: 6.19 min Scan# 870
 Delta R.T. 0.01 min
 Lab File: VX014870.D
 Acq: 07 Feb 2020 14:51

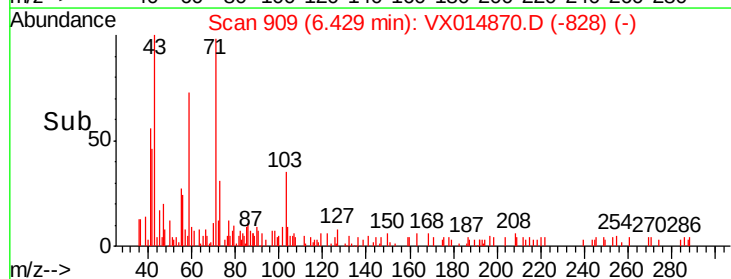
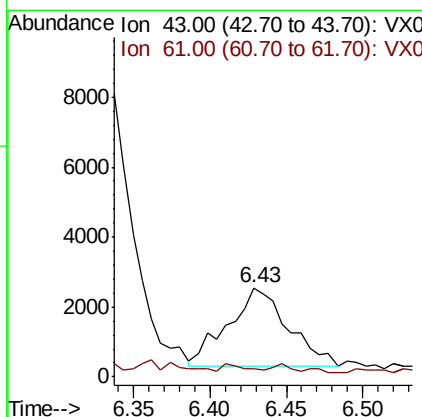
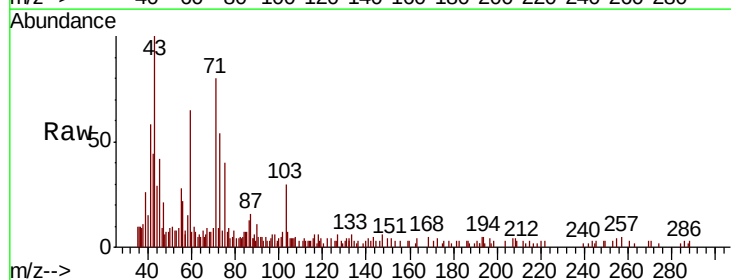
Instrument :
 MSVOA_X
 ClientSampleId :

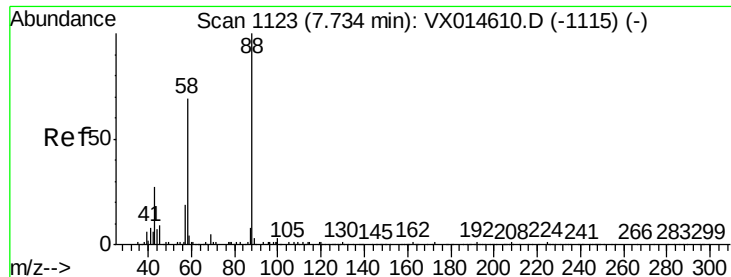
Tot Ion: 62 Resp: 4048
 Ion Ratio Lower Upper
 62 100
 98 2.1 8.4 12.6#



#44
 Isopropyl Acetate
 Concen: 0.588 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX014870.D
 Acq: 07 Feb 2020 14:51

Tgt Ion: 43 Resp: 6011
 Ion Ratio Lower Upper
 43 100
 61 4.1 15.9 23.9#





#45

1,4-Dioxane

Concen: 139.119 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

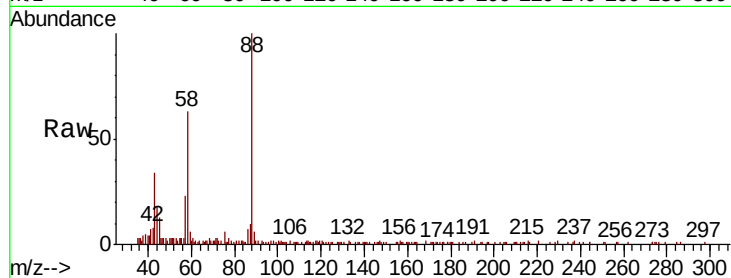
Lab File: VX014870.D

Acq: 07 Feb 2020 14:51

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 14234

Ion	Ratio	Lower	Upper
88	100		
43	26.6	25.4	38.2
58	68.5	56.5	84.7

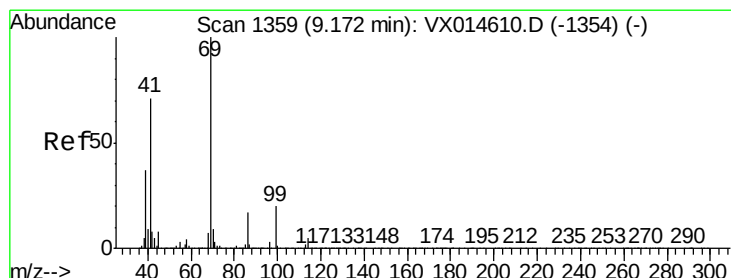
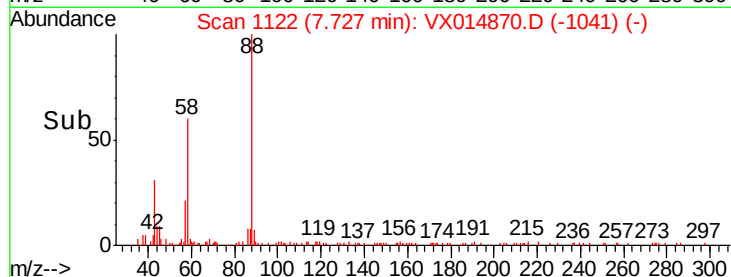
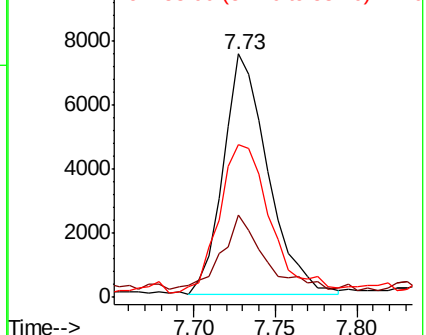


Abundance

Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#51

Ethyl methacrylate

Concen: 0.336 ug/l

RT: 9.09 min Scan# 1345

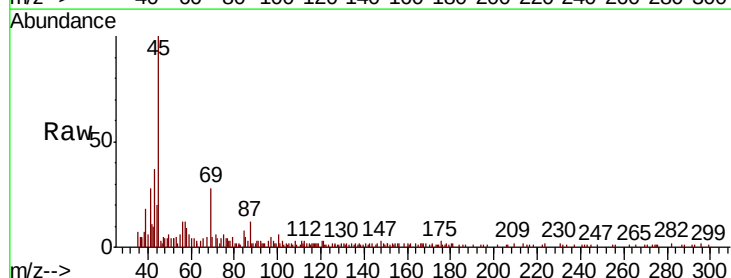
Delta R.T. -0.09 min

Lab File: VX014870.D

Acq: 07 Feb 2020 14:51

Tgt Ion: 69 Resp: 2273

Ion	Ratio	Lower	Upper
69	100		
41	62.0	35.4	106.1
39	31.2	17.8	53.3

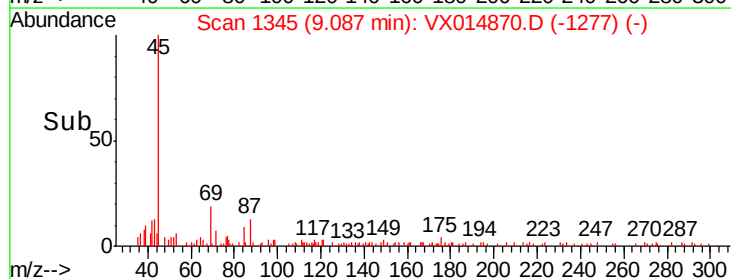
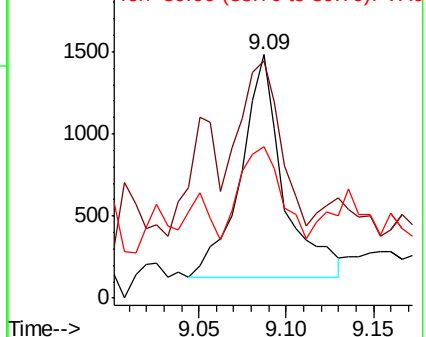


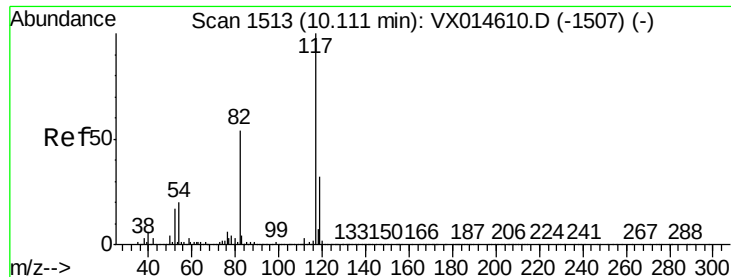
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

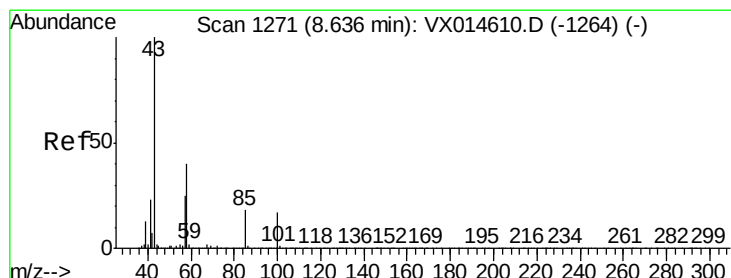
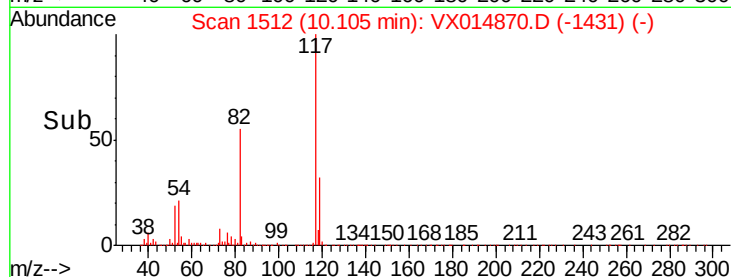
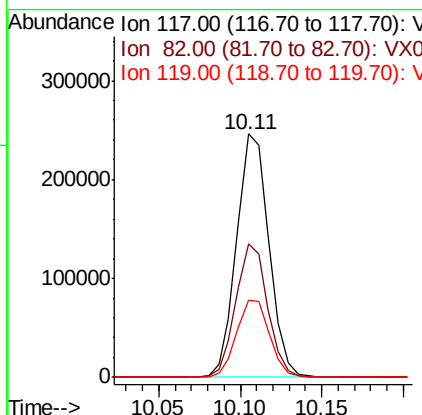
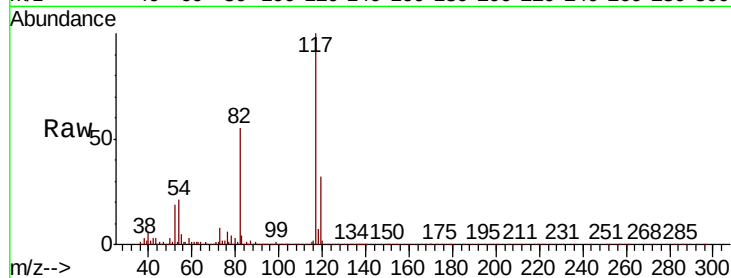




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014870.D
Acq: 07 Feb 2020 14:51

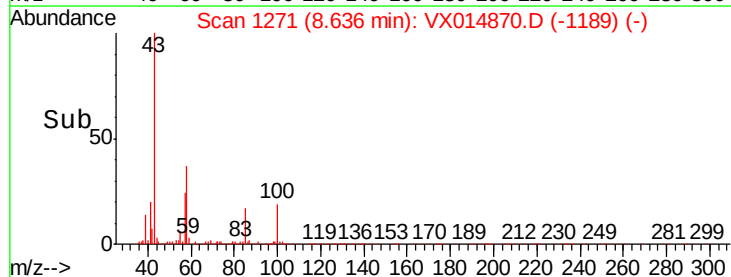
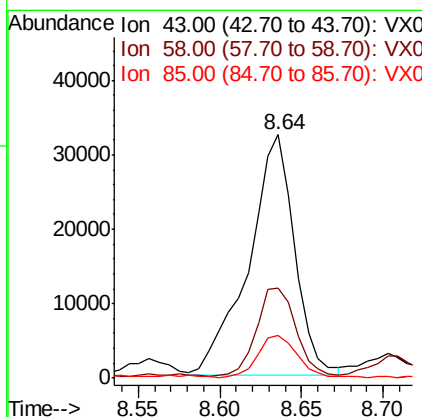
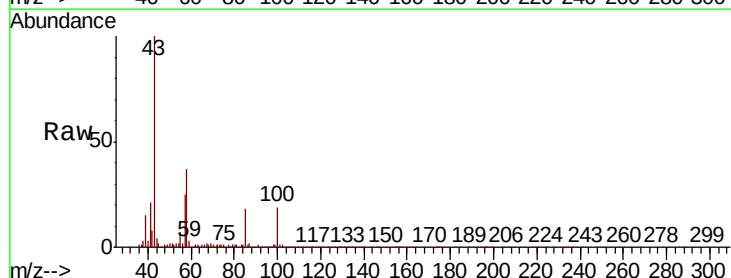
Instrument :
MSVOA_X
ClientSampleId :

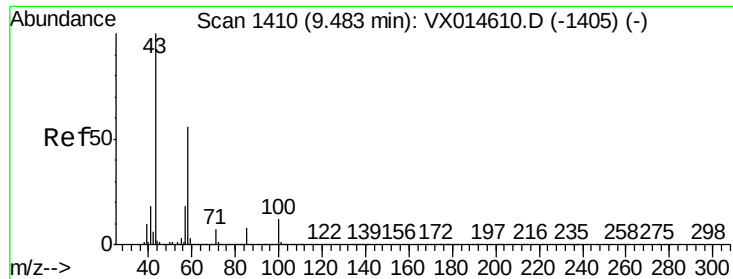
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.5	43.8	65.6
119	32.4	25.8	38.6



#58
4-Methyl-2-Pentanone
Concen: 9.814 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX014870.D
Acq: 07 Feb 2020 14:51

Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.9	31.2	46.8
85	14.9	14.2	21.2

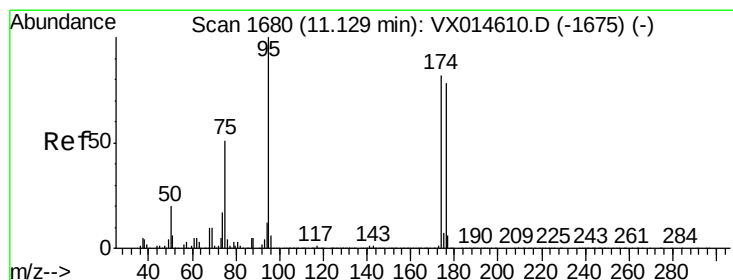
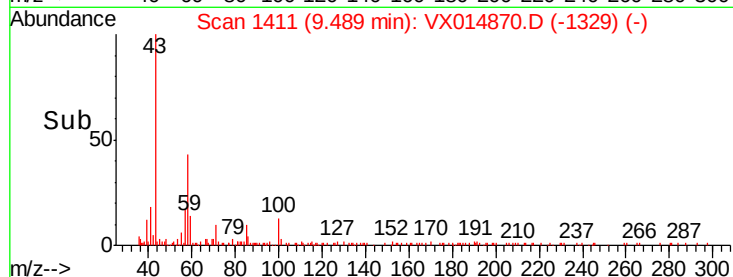
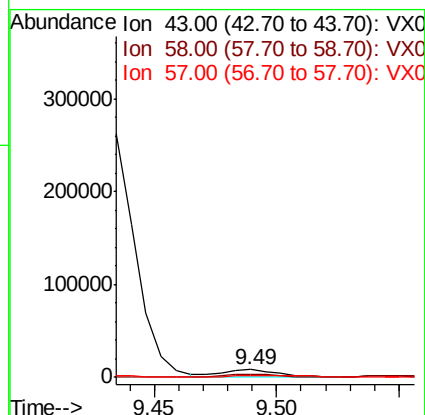
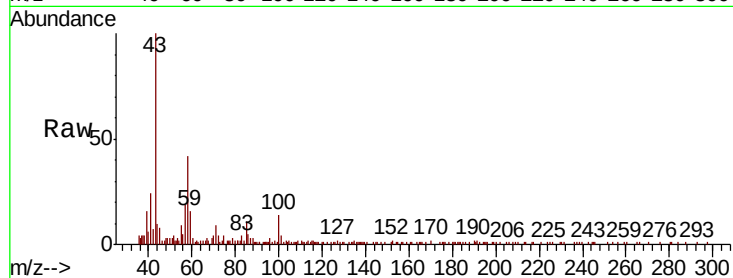




#59
2-Hexanone
Concen: 2.556 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX014870.D
Acq: 07 Feb 2020 14:51

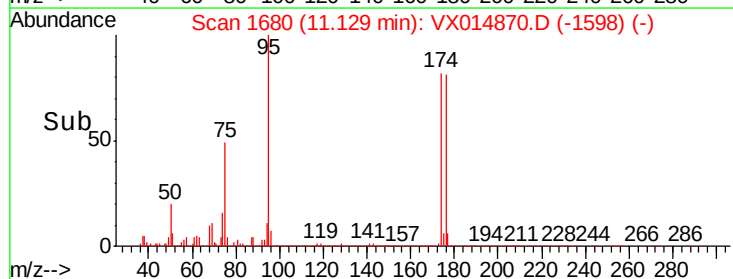
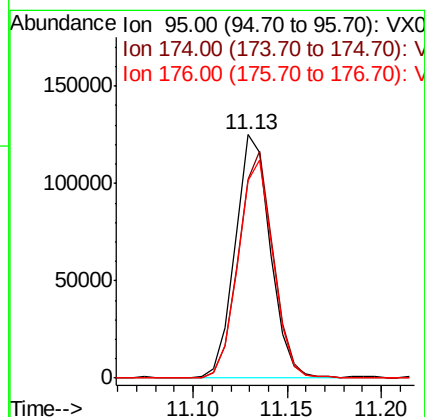
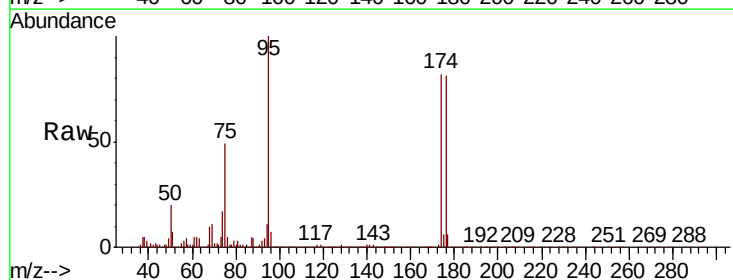
Instrument :
MSVOA_X
ClientSampleId :

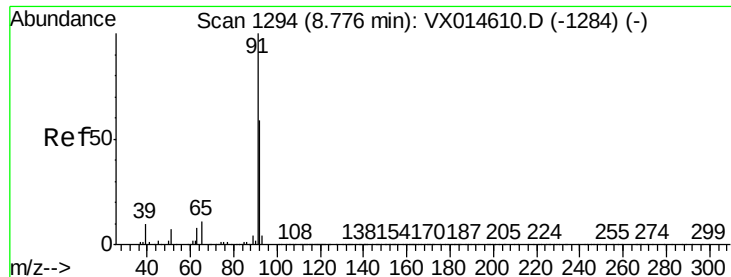
Tot Ion	Ratio	Lower	Upper
43	100		
58	43.1	43.8	65.6#
57	38.5	15.4	23.0#



#60
4-Bromofluorobenzene
Concen: 29.431 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX014870.D
Acq: 07 Feb 2020 14:51

Tgt Ion	Ratio	Lower	Upper
95	100		
174	92.3	70.2	105.2
176	89.6	68.3	102.5





#62

Toluene

Concen: 2.502 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX014870.D

Acq: 07 Feb 2020 14:51

Instrument :

MSVOA_X

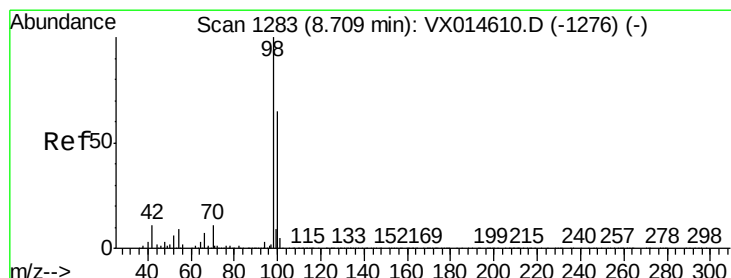
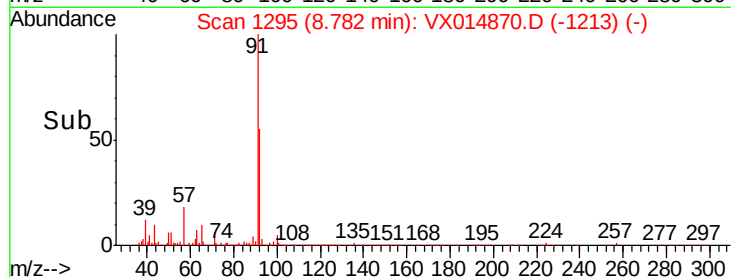
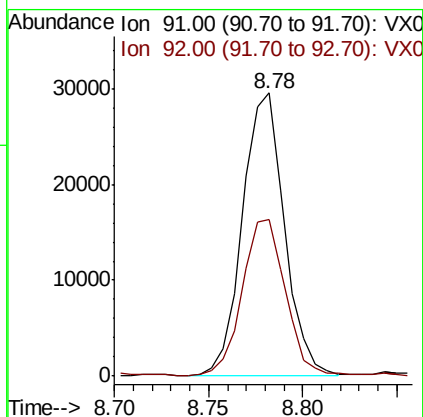
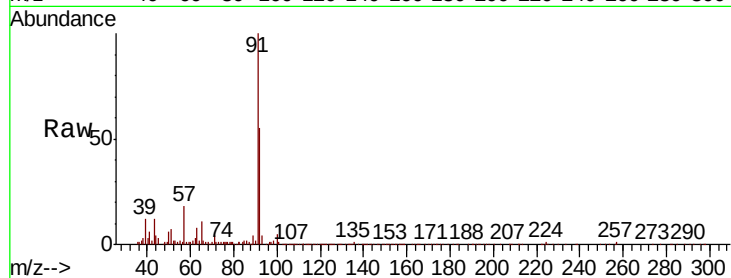
ClientSampleId :

Tot Ion: 91 Resp: 45416

Ion Ratio Lower Upper

91 100

92 57.5 46.4 69.6



#63

Toluene-d8

Concen: 29.056 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014870.D

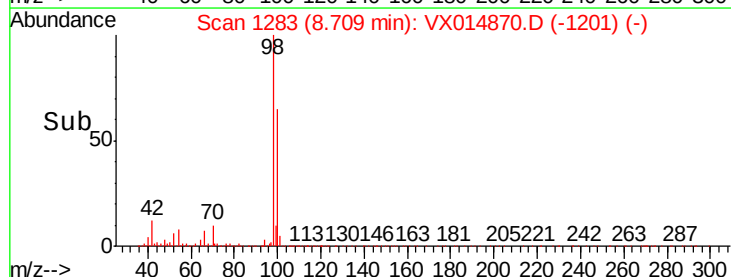
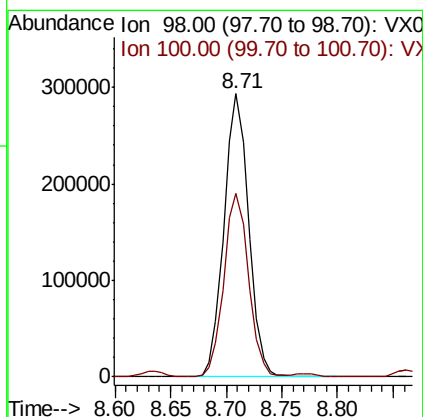
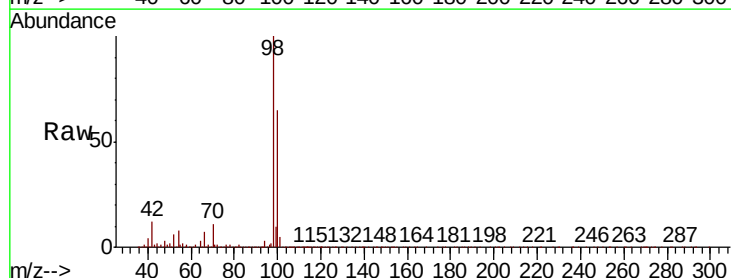
Acq: 07 Feb 2020 14:51

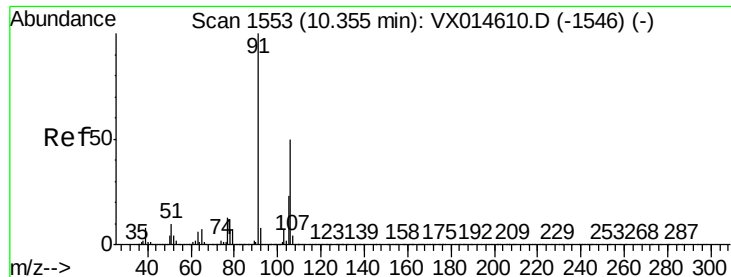
Tgt Ion: 98 Resp: 449091

Ion Ratio Lower Upper

98 100

100 64.8 52.2 78.2





#67

m/p-Xylenes

Concen: 8.072 ug/l

RT: 10.35 min Scan# 1552

Delta R.T. -0.01 min

Lab File: VX014870.D

Acq: 07 Feb 2020 14:51

Instrument :

MSVOA_X

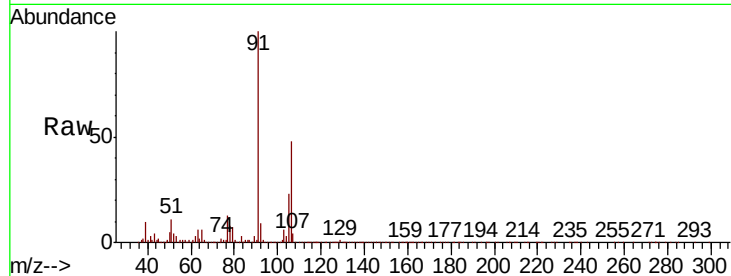
ClientSampleId :

Tot Ion:106 Resp: 61140

Ion Ratio Lower Upper

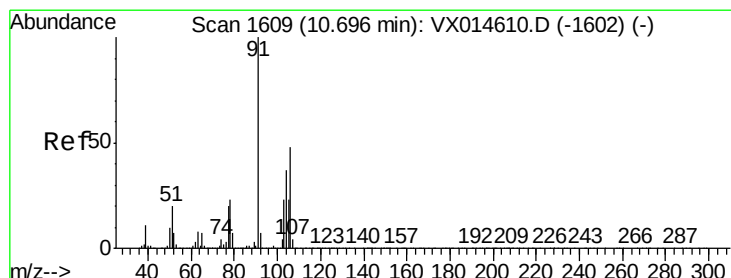
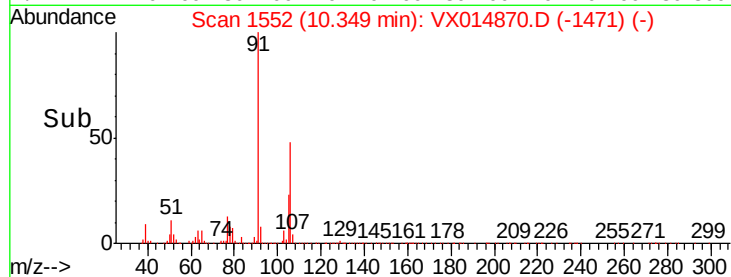
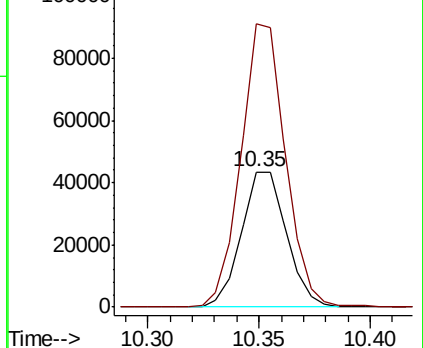
106 100

91 207.3 159.3 238.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 5.889 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. 0.00 min

Lab File: VX014870.D

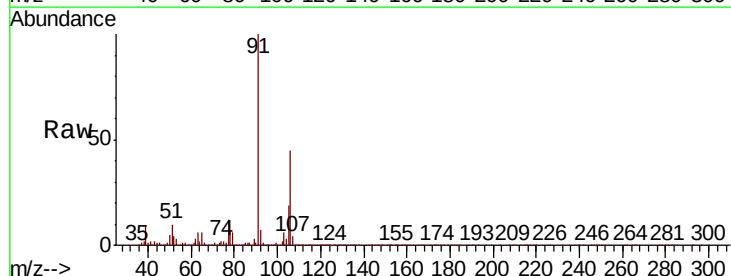
Acq: 07 Feb 2020 14:51

Tgt Ion:106 Resp: 43435

Ion Ratio Lower Upper

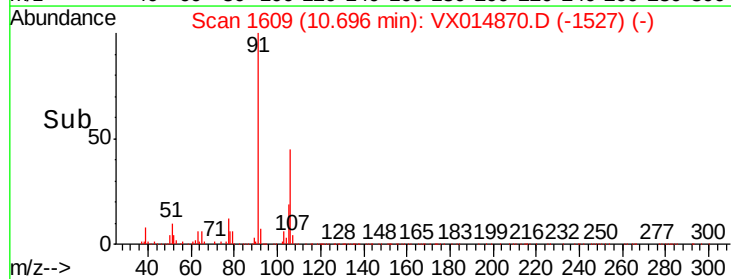
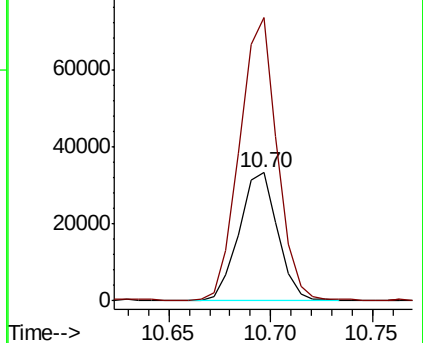
106 100

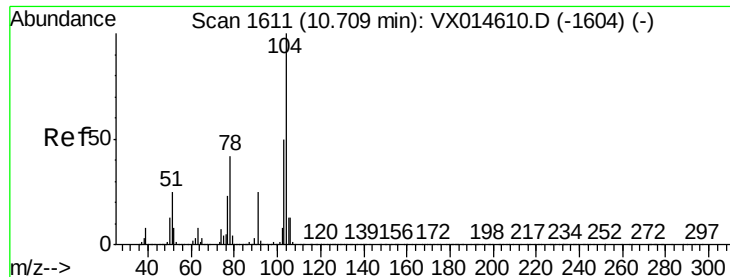
91 214.9 104.8 314.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

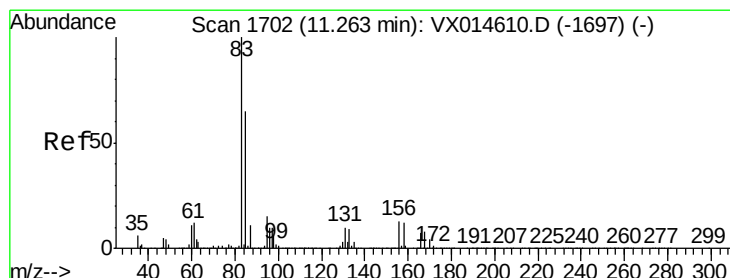
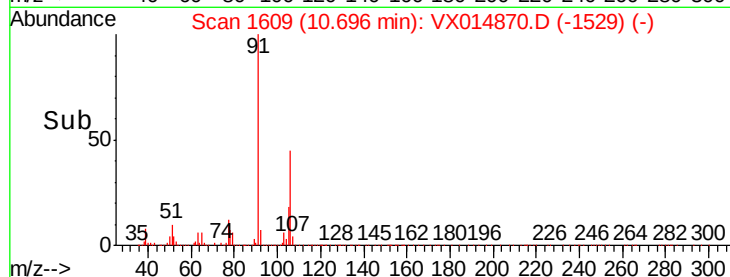
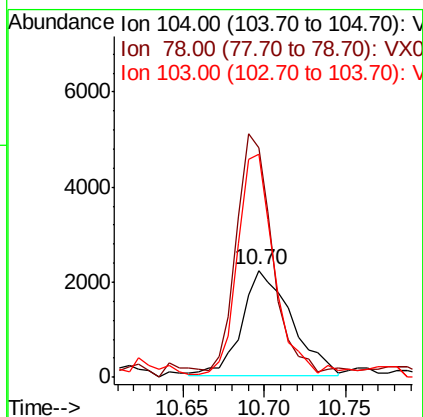
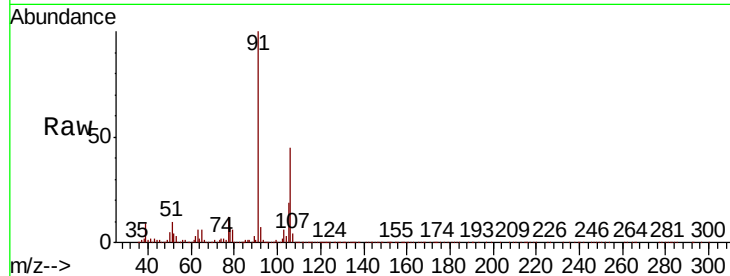




#69
Stvrene
Concen: 0.379 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.01 min
Lab File: VX014870.D
Acq: 07 Feb 2020 14:51

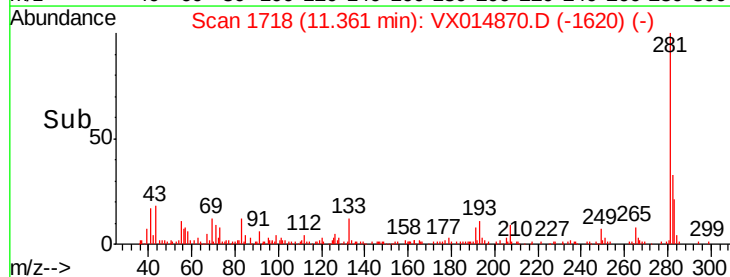
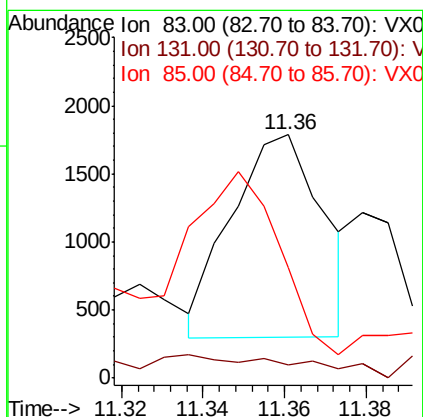
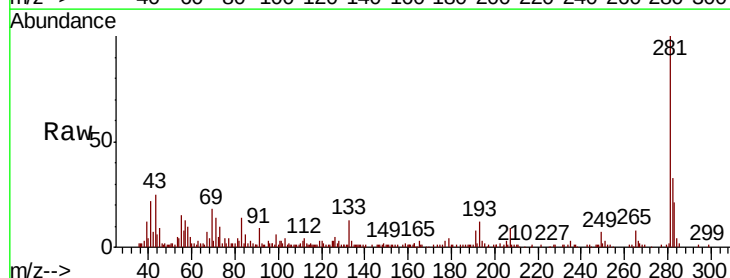
Instrument :
MSVOA_X
ClientSampleId :

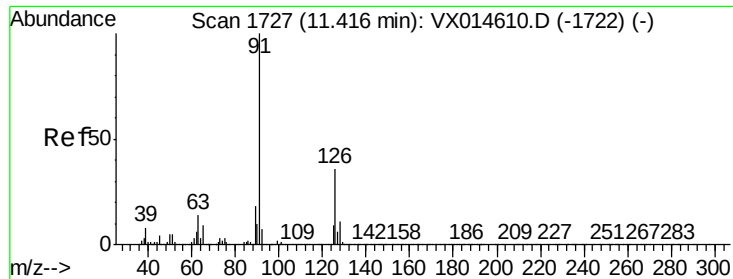
Tot Ion:104 Resp: 4733
Ion Ratio Lower Upper
104 100
78 159.3 38.9 58.3#
103 148.7 44.2 66.2#



#71
1,1,2,2-Tetrachloroethane
Concen: 0.358 ug/l
RT: 11.36 min Scan# 1718
Delta R.T. 0.10 min
Lab File: VX014870.D
Acq: 07 Feb 2020 14:51

Tgt Ion: 83 Resp: 2331
Ion Ratio Lower Upper
83 100
131 8.4 4.9 14.7
85 89.5 31.6 94.7

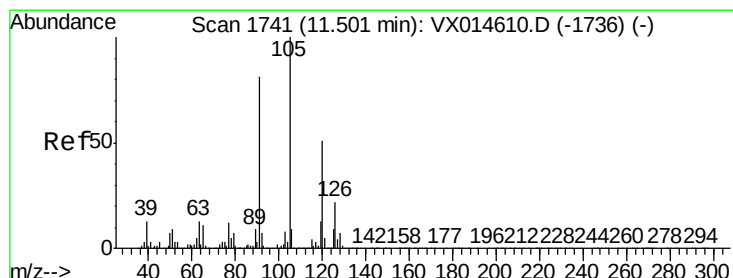
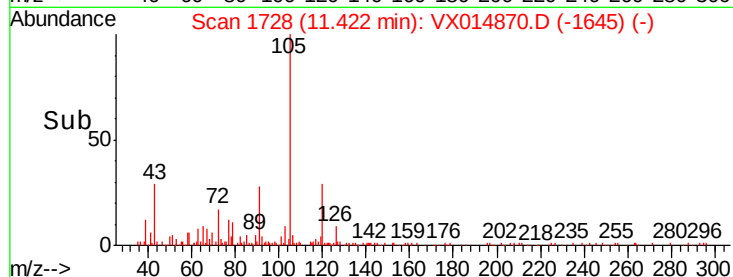
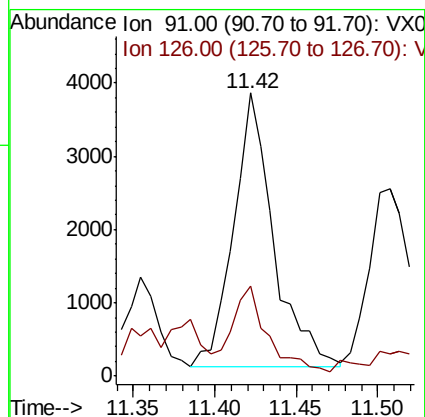
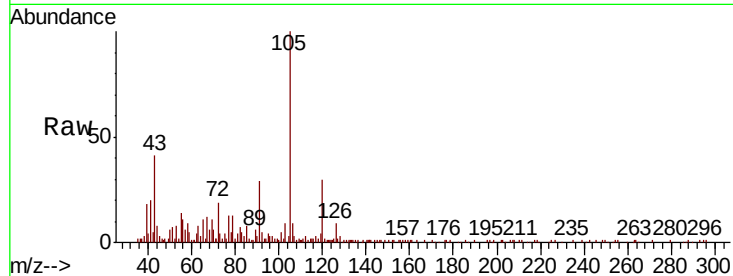




#75
2-Chlorotoluene
Concen: 0.483 ug/l
RT: 11.42 min Scan# 1728
Delta R.T. 0.01 min
Lab File: VX014870.D
Acq: 07 Feb 2020 14:51

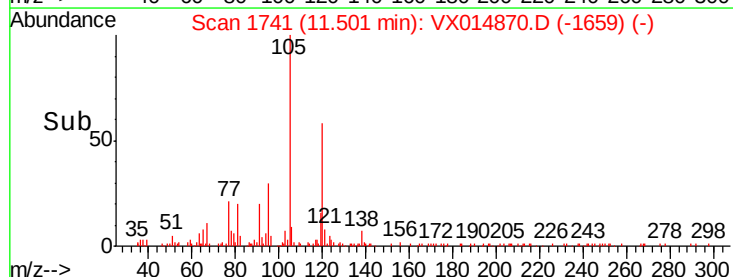
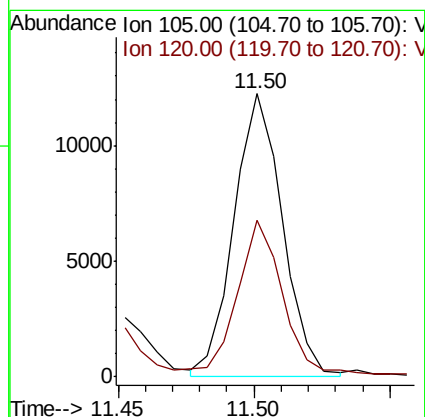
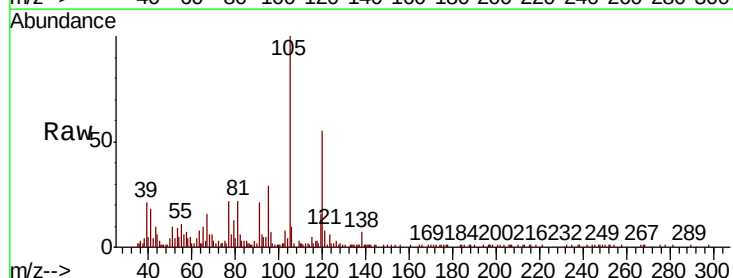
Instrument :
MSVOA_X
ClientSampled :

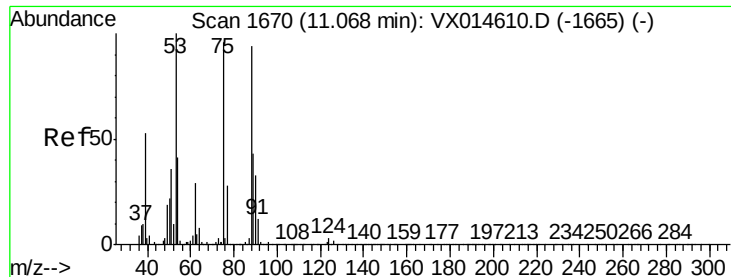
Tot Ion: 91 Resp: 6394
Ion Ratio Lower Upper
91 100
126 17.0 0.0 70.8



#76
1,3,5-Trimethylbenzene
Concen: 0.933 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX014870.D
Acq: 07 Feb 2020 14:51

Tgt Ion: 105 Resp: 15014
Ion Ratio Lower Upper
105 100
120 49.9 0.0 100.6





#77

t-1,4-Dichloro-2-butene

Concen: 1.071 ug/l

RT: 11.06 min Scan# 1669

Delta R.T. -0.01 min

Lab File: VX014870.D

Acq: 07 Feb 2020 14:51

Instrument :

MSVOA_X

ClientSampled :

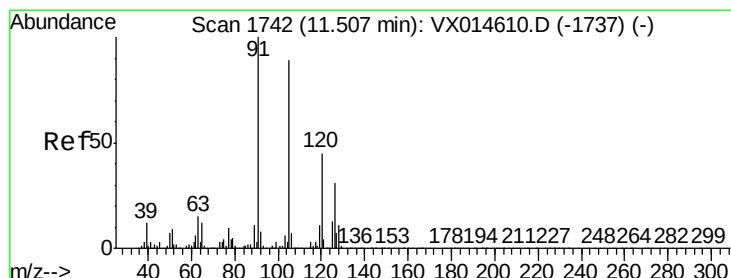
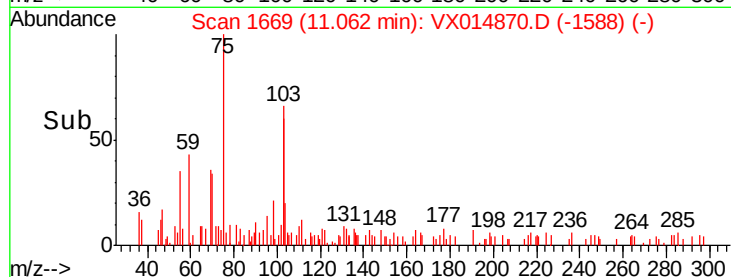
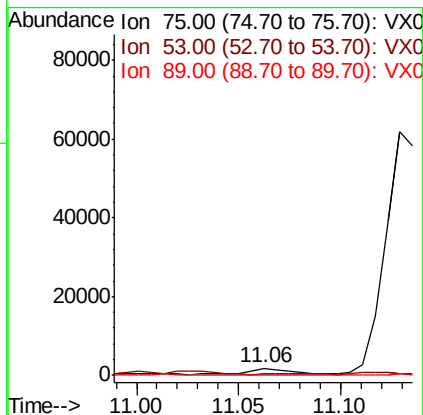
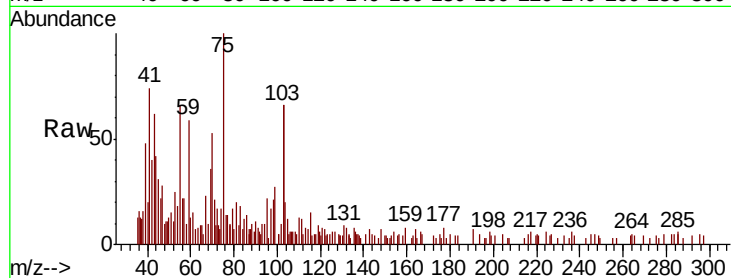
Tot Ion: 75 Resp: 2294

Ion Ratio Lower Upper

75 100

53 12.2 54.4 163.1#

89 0.0 21.9 65.5#



#78

4-Chlorotoluene

Concen: 0.260 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014870.D

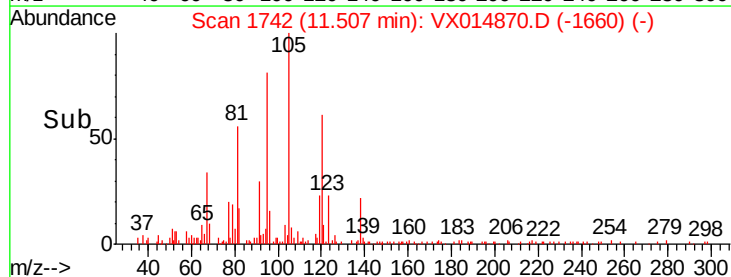
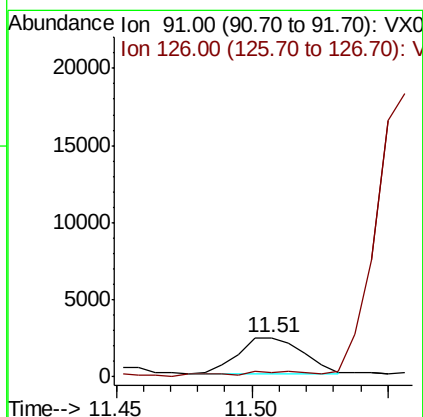
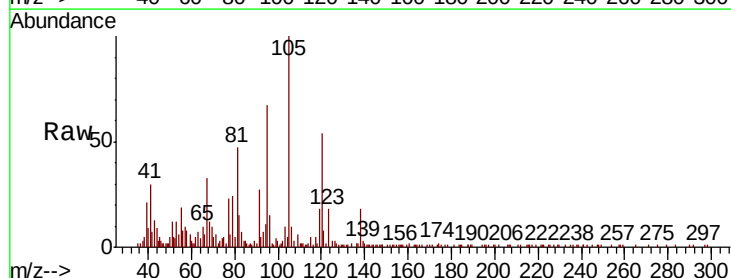
Acq: 07 Feb 2020 14:51

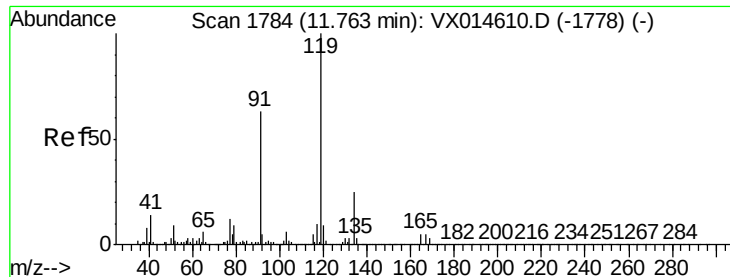
Tgt Ion: 91 Resp: 3913

Ion Ratio Lower Upper

91 100

126 3.0 0.0 59.6

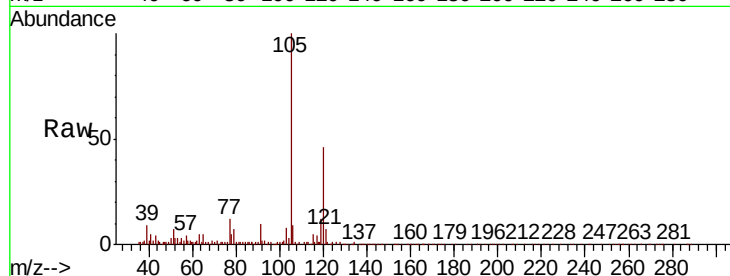




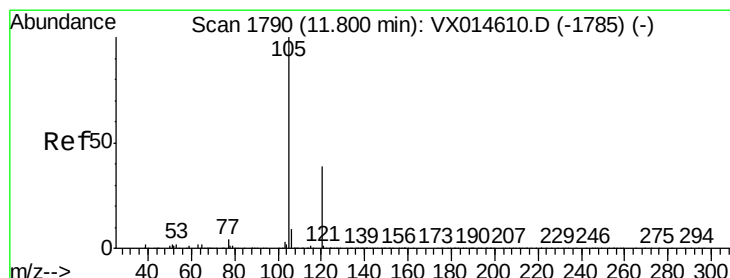
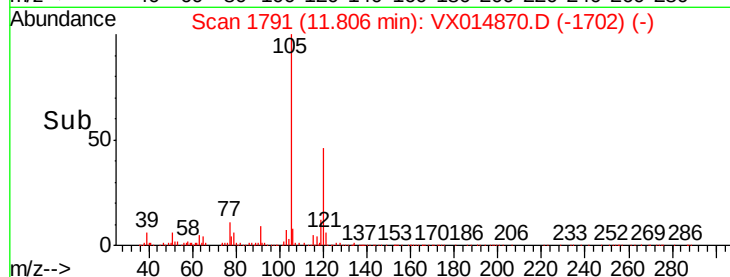
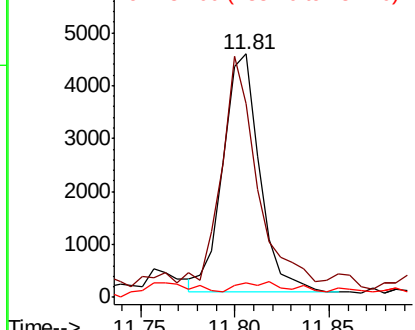
#79
tert-butylbenzene
Concen: 0.406 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.04 min
Lab File: VX014870.D
Acq: 07 Feb 2020 14:51

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:119 Resp: 6111
Ion Ratio Lower Upper
119 100
91 86.4 0.0 112.6
134 3.0 0.0 49.8

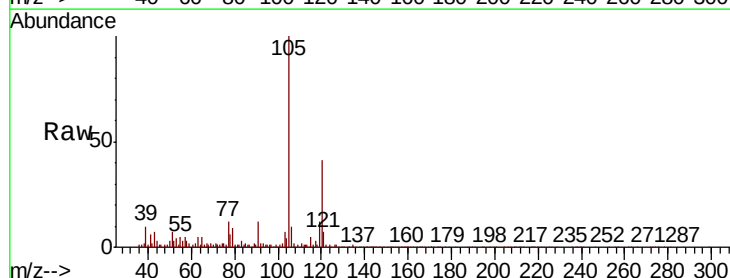


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V

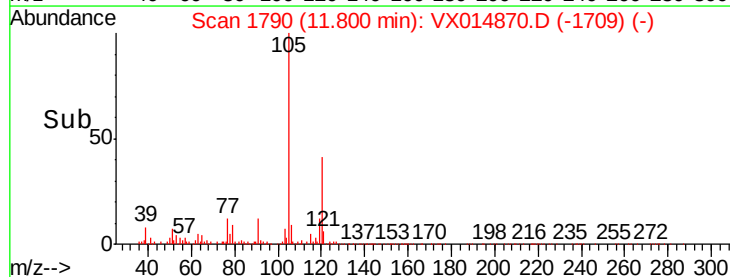
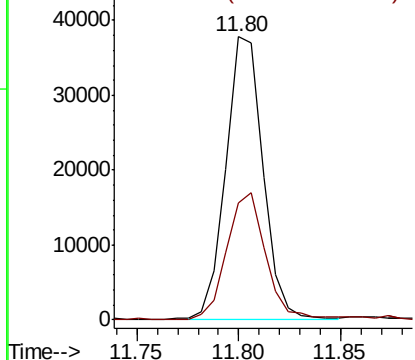


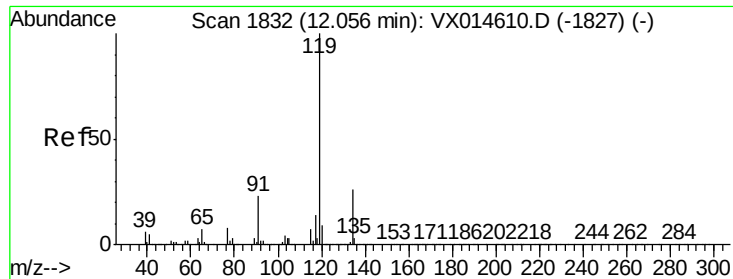
#80
1,2,4-Trimethylbenzene
Concen: 2.943 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX014870.D
Acq: 07 Feb 2020 14:51

Tgt Ion:105 Resp: 47252
Ion Ratio Lower Upper
105 100
120 47.5 0.0 92.0



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

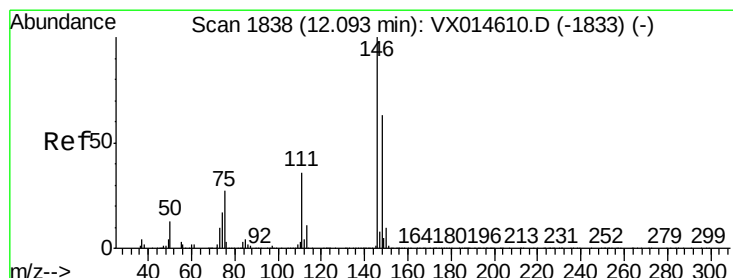
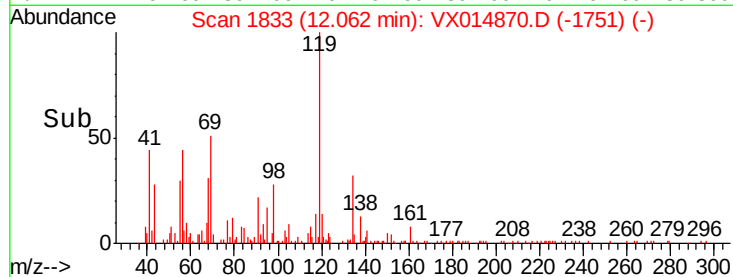
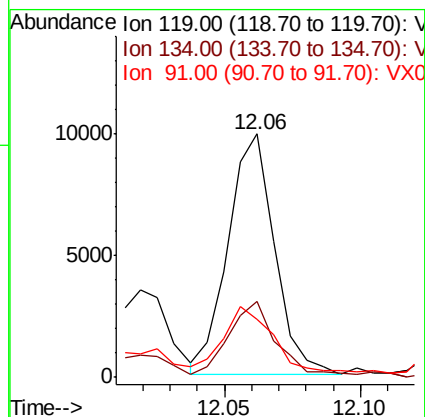
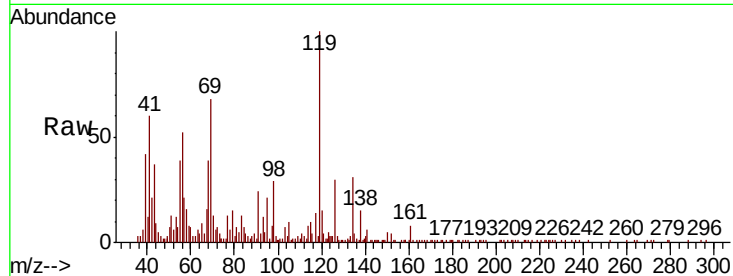




#82
 p-Isopropyltoluene
 Concen: 0.686 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX014870.D
 Acq: 07 Feb 2020 14:51

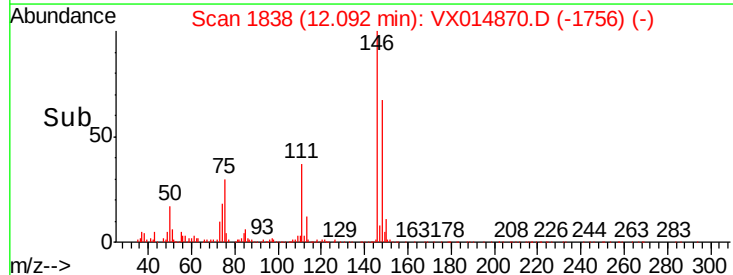
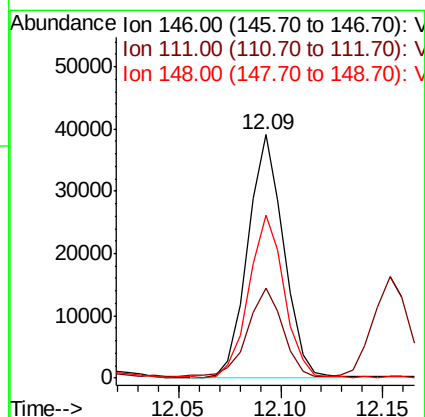
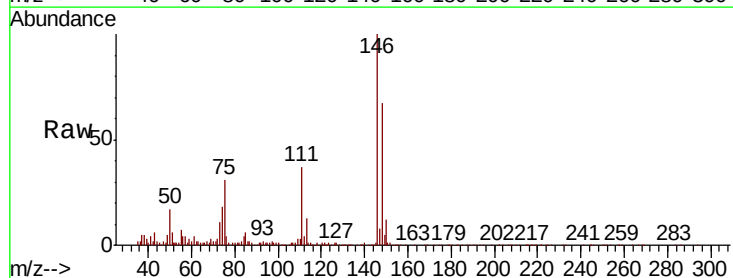
Instrument :
 MSVOA_X
 ClientSampled :

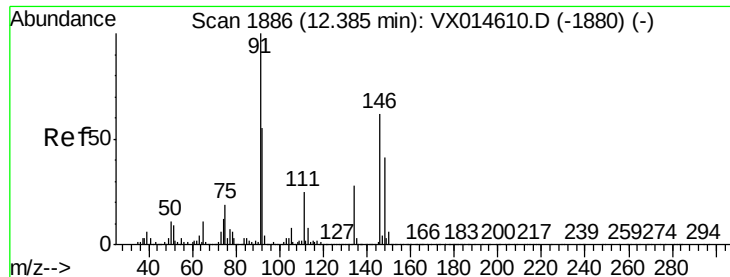
Tot Ion:119 Resp: 11673
 Ion Ratio Lower Upper
 119 100
 134 29.3 0.0 53.8
 91 29.5 0.0 45.0



#84
 1,4-Dichlorobenzene
 Concen: 5.402 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014870.D
 Acq: 07 Feb 2020 14:51

Tgt Ion:146 Resp: 47897
 Ion Ratio Lower Upper
 146 100
 111 36.1 18.4 55.4
 148 65.7 32.0 96.0

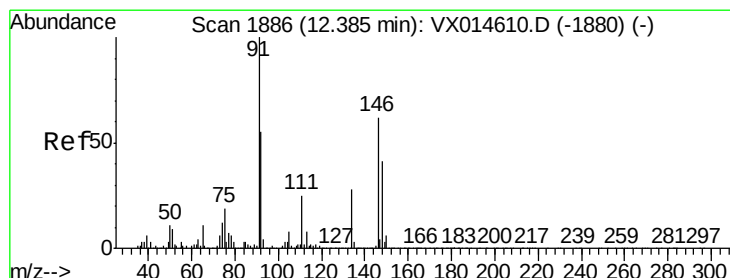
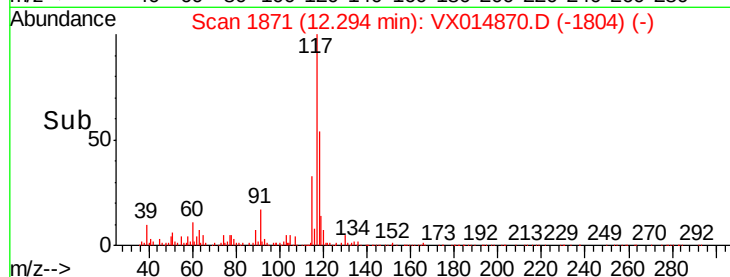
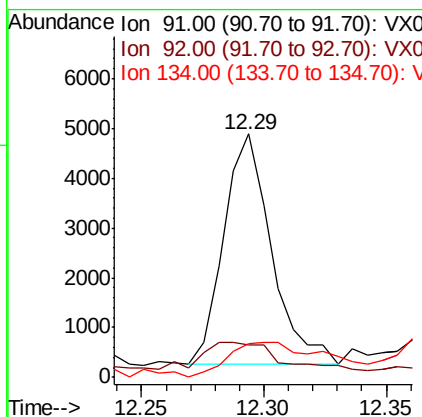
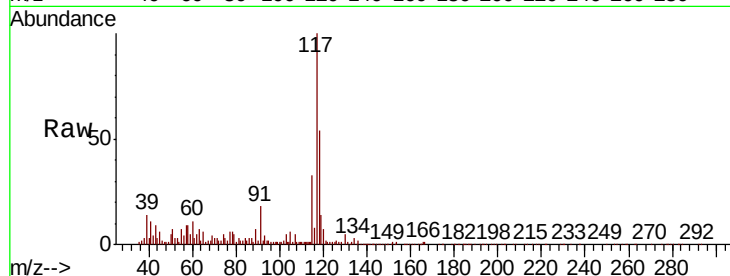




#85
n-Butylbenzene
Concen: 0.423 ug/l
RT: 12.29 min Scan# 1871
Delta R.T. -0.09 min
Lab File: VX014870.D
Acq: 07 Feb 2020 14:51

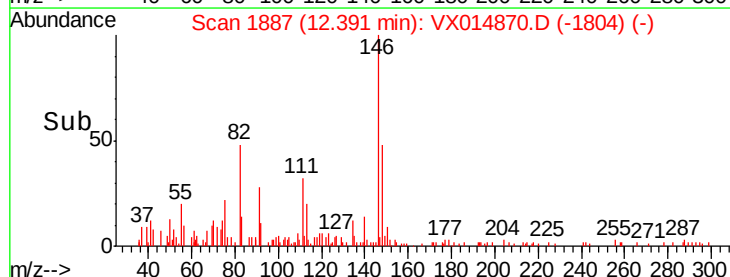
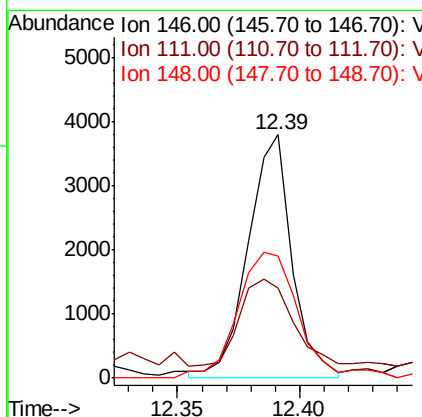
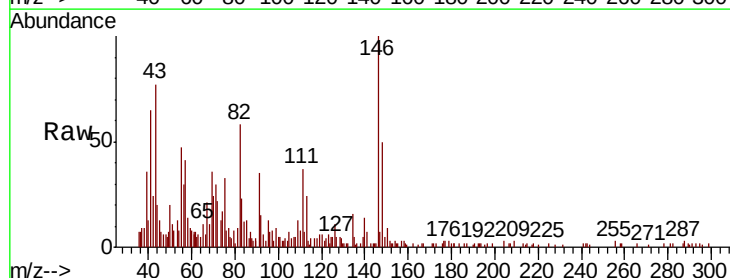
Instrument :
MSVOA_X
ClientSampleId :

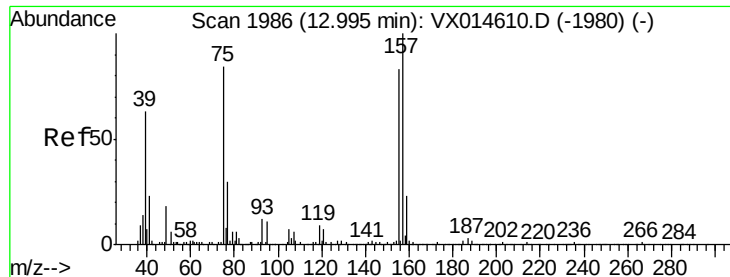
Tot Ion: 91 Resp: 6293
Ion Ratio Lower Upper
91 100
92 10.6 0.0 109.0
134 22.7 0.0 54.0



#87
1,2-Dichlorobenzene
Concen: 0.528 ug/l
RT: 12.39 min Scan# 1887
Delta R.T. 0.01 min
Lab File: VX014870.D
Acq: 07 Feb 2020 14:51

Tgt Ion: 146 Resp: 4765
Ion Ratio Lower Upper
146 100
111 42.7 20.1 60.2
148 69.3 32.0 96.2





#88

1,2-Dibromo-3-Chloropropane

Concen: 0.461 ug/l

RT: 13.01 min Scan# 1988

Delta R.T. 0.01 min

Lab File: VX014870.D

Acq: 07 Feb 2020 14:51

Instrument :

MSVOA_X

ClientSampled :

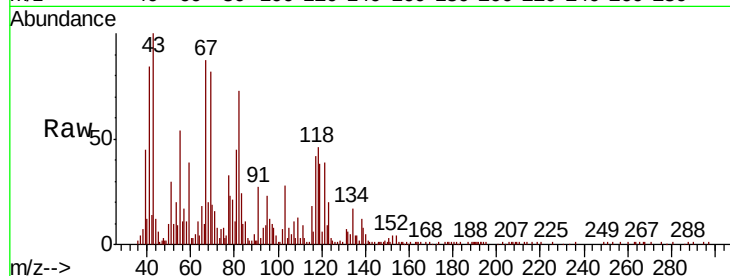
Tot Ion: 75 Resp: 641

Ion Ratio Lower Upper

75 100

155 25.9 73.8 110.6#

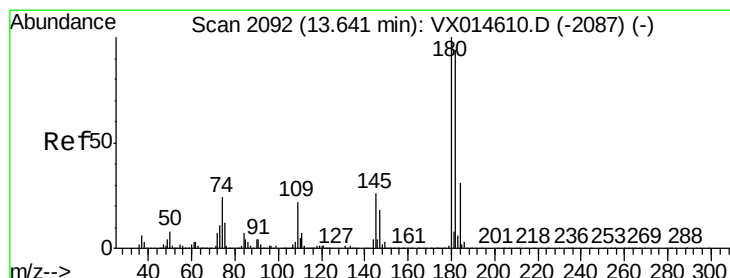
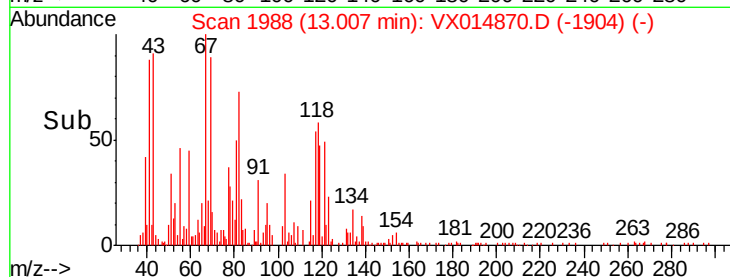
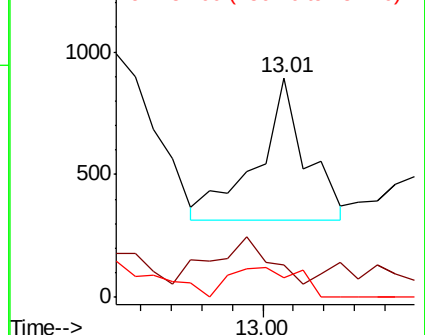
157 23.1 95.0 142.4#



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V



#89

1,2,4-Trichlorobenzene

Concen: 0.366 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX014870.D

Acq: 07 Feb 2020 14:51

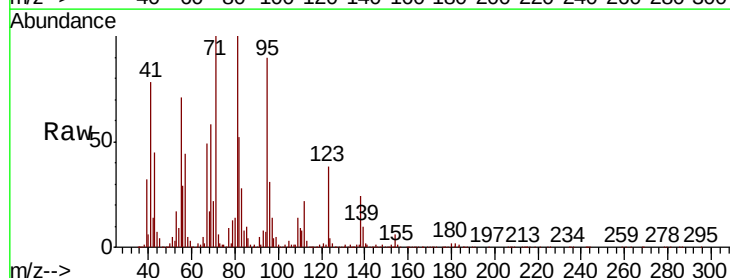
Tgt Ion: 180 Resp: 2178

Ion Ratio Lower Upper

180 100

182 86.1 76.4 114.6

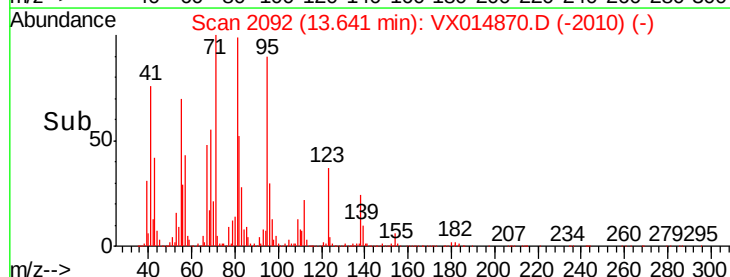
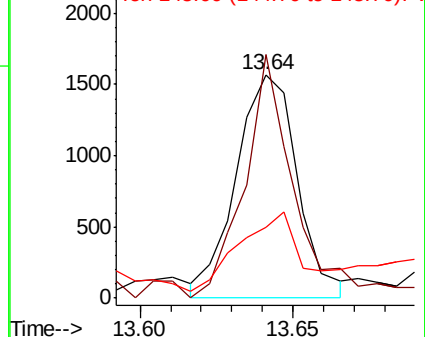
145 33.9 21.9 32.9#

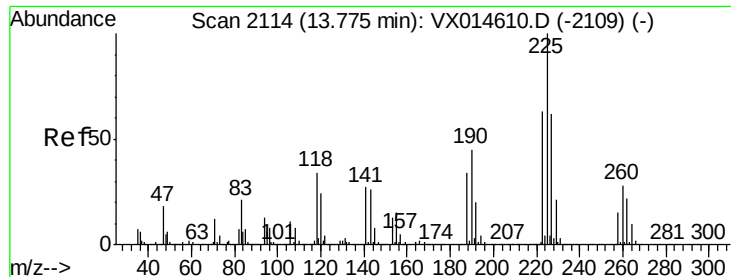


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

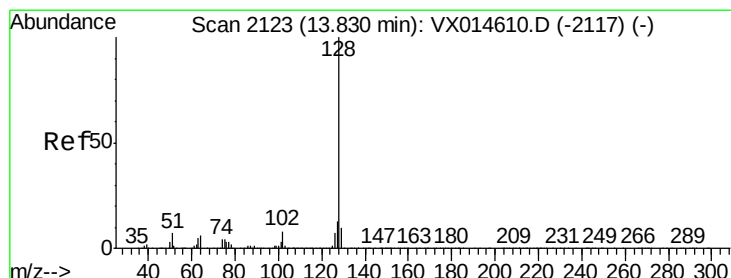
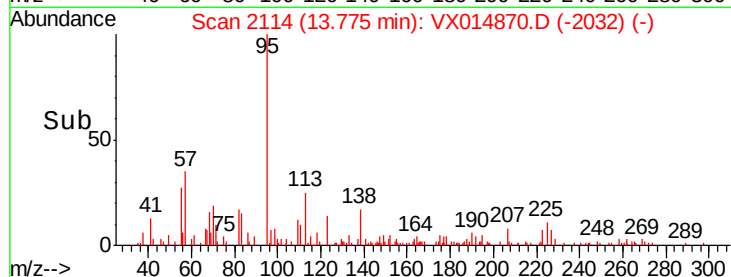
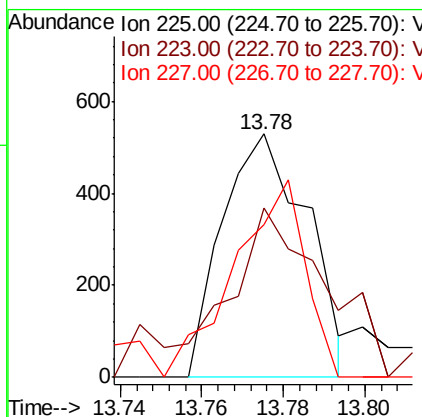
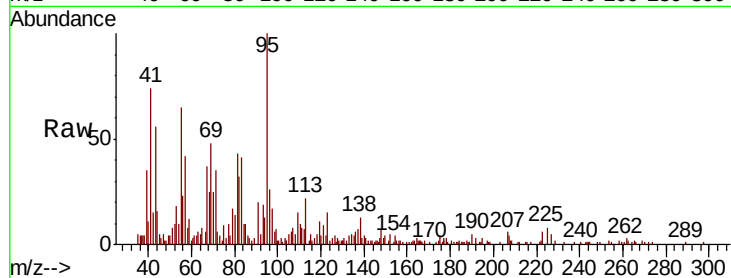




#90
Hexachlorobutadiene
Concen: 0.258 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX014870.D
Acq: 07 Feb 2020 14:51

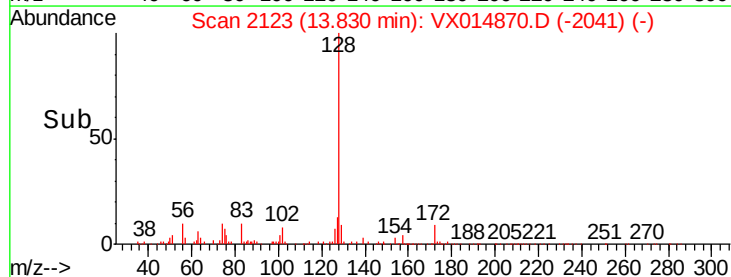
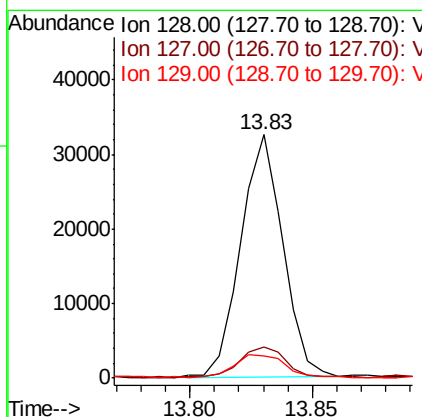
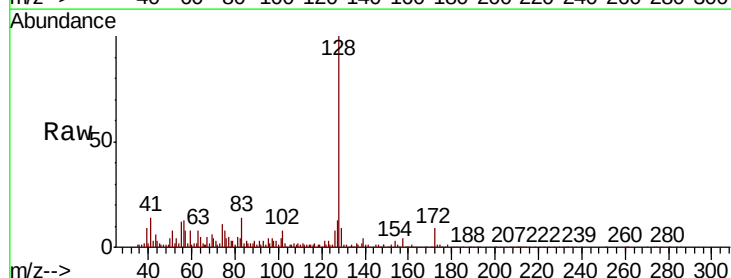
Instrument :
MSVOA_X
ClientSampleId :

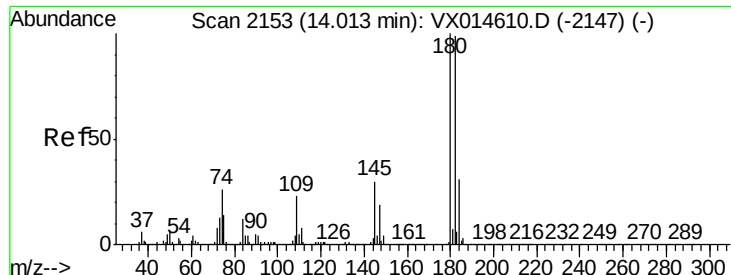
Tot Ion	Ratio	Lower	Upper
225	100		
223	78.1	0.0	127.4
227	67.7	0.0	122.8



#91
Naphthalene
Concen: 2.169 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014870.D
Acq: 07 Feb 2020 14:51

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.4	15.6
129	11.9	8.9	13.3

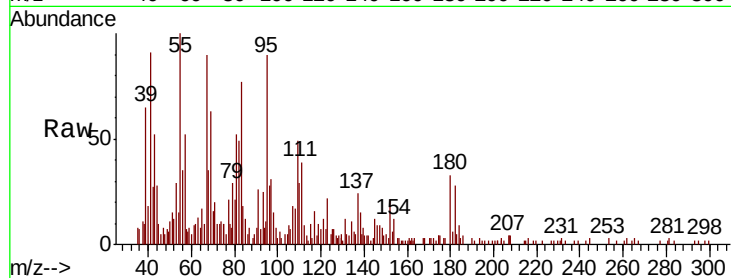




#92
 1,2,3-Trichlorobenzene
 Concen: 0.270 ug/l
 RT: 14.02 min Scan# 2154
 Delta R.T. 0.01 min
 Lab File: VX014870.D
 Acq: 07 Feb 2020 14:51

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	82.4	0.0	192.8
145	44.4	0.0	60.0



Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

