

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX010320\
 Data File : VX014404.D
 Acq On : 03 Jan 2020 16:37
 Operator : JC/SP
 Sample : K6476-06
 Misc : 7.22g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022SB455_191227-14-16ME

Quant Time: Jan 06 02:33:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	546090	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	822722	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	742567	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	373439	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	291837	47.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.30%	
35) Dibromofluoromethane	5.50	113	232355	46.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.92%	
50) Toluene-d8	8.71	98	978628	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	
62) 4-Bromofluorobenzene	11.14	95	359873	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	

Target Compounds

						Qvalue
5) Bromomethane	1.63	94	3046	0.620	ug/l	92
6) Chloroethane	1.67	64	8865	2.076	ug/l #	72
10) Methyl Iodide	2.48	142	740	2.724	ug/l #	73
11) Tert butyl alcohol	3.00	59	10183	7.614	ug/l #	72
13) Acrolein	2.30	56	444	0.580	ug/l #	70
15) Acrylonitrile	3.12	53	755	0.242	ug/l #	56
16) Acetone	2.48	43	6125	1.524	ug/l #	64
17) Carbon Disulfide	2.53	76	4977	1.086	ug/l	97
18) Methyl Acetate	2.78	43	7625	0.958	ug/l #	71
20) Methylene Chloride	2.84	84	2453	0.388	ug/l #	69
25) 2-Butanone	4.70	43	12461	2.515	ug/l	98
28) Bromochloromethane	4.99	49	174	0.497	ug/l #	1
31) Cyclohexane	5.56	56	25008	2.704	ug/l	94
36) 1,1-Dichloropropene	5.65	75	35971	4.765	ug/l #	51
37) Ethyl Acetate	4.70	43	12461	1.495	ug/l #	71
38) Carbon Tetrachloride	5.65	117	46812	6.807	ug/l #	16
39) Methylcyclohexane	7.45	83	73304	7.864	ug/l	94
43) Isopropyl Acetate	6.47	43	3716	0.269	ug/l #	71
49) 1,4-Dioxane	7.73	88	209	1.520	ug/l #	21
51) 4-Methyl-2-Pentanone	8.67	43	10975	1.267	ug/l #	61
55) 1,1,2-Trichloroethane	9.16	97	19644	3.338	ug/l #	20
56) Ethyl methacrylate	9.16	69	4422	0.478	ug/l #	1
59) 2-Hexanone	9.44	43	52854	7.578	ug/l #	29
65) Chlorobenzene	10.14	112	299452	18.966	ug/l	98
69) o-Xylene	10.70	106	2240	0.219	ug/l	81
73) Isopropylbenzene	11.01	105	16379	0.623	ug/l	95
74) N-amyl acetate	10.88	43	82238	6.673	ug/l #	44
75) 1,1,2,2-Tetrachloroethane	11.27	83	131907	14.471	ug/l #	26
76) 1,2,3-Trichloropropane	11.14	75	166352	20.519	ug/l #	40
78) n-propylbenzene	11.35	91	11259	0.382	ug/l	97
79) 2-Chlorotoluene	11.48	91	5374	0.300	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.14	75	166352	57.915	ug/l #	12
82) 4-Chlorotoluene	11.53	91	4238	0.204	ug/l #	39
83) tert-Butylbenzene	11.76	119	34859	1.619	ug/l	77

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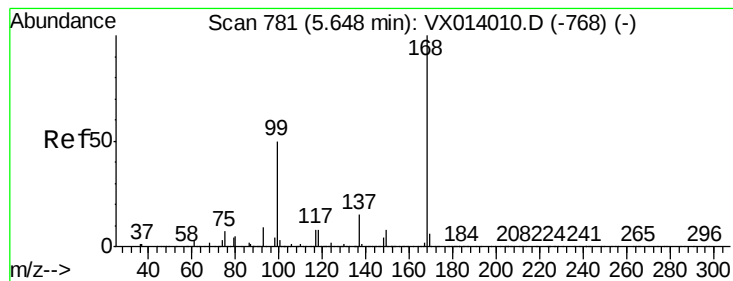
Instrument :
 MSVOA_X
 ClientSampleId :
 WP022SB455_191227-14-16ME

Quant Time: Jan 06 02:33:24 2020
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

84) 1,2,4-Trimethylbenzene	11.81	105	7100	0.320	ug/l	96
85) sec-Butylbenzene	11.94	105	180640	7.106	ug/l	91
86) p-Isopropyltoluene	12.23	119	74504	3.204	ug/l	89
87) 1,3-Dichlorobenzene	12.03	146	29810	2.351	ug/l #	1
88) 1,4-Dichlorobenzene	12.09	146	45685	3.544	ug/l #	31
89) n-Butylbenzene	12.39	91	246157	12.406	ug/l	89
90) Hexachloroethane	12.59	117	8173	1.957	ug/l #	7
91) 1,2-Dichlorobenzene	12.39	146	21019	1.647	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	13.03	75	608	0.301	ug/l	72
93) 1,2,4-Trichlorobenzene	13.65	180	3817	0.460	ug/l #	1
95) Naphthalene	13.81	128	21771	0.893	ug/l #	1
96) 1,2,3-Trichlorobenzene	13.98	180	2161	0.264	ug/l #	1

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX014404.D

Acq: 03 Jan 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

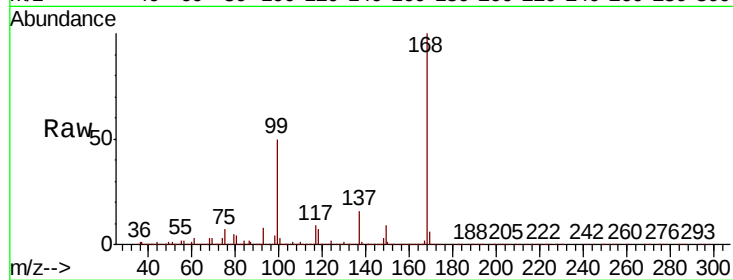
WP022SB455_191227-14-16ME

Tot Ion:168 Resp: 546090

Ion Ratio Lower Upper

168 100

99 49.5 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

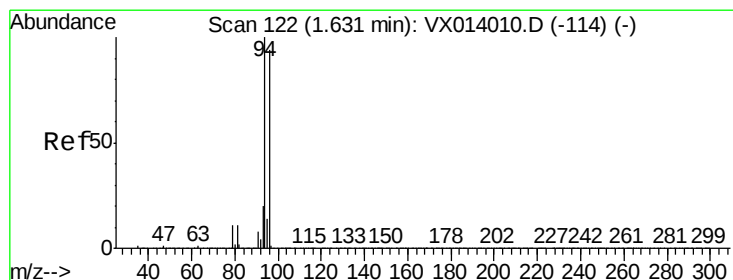
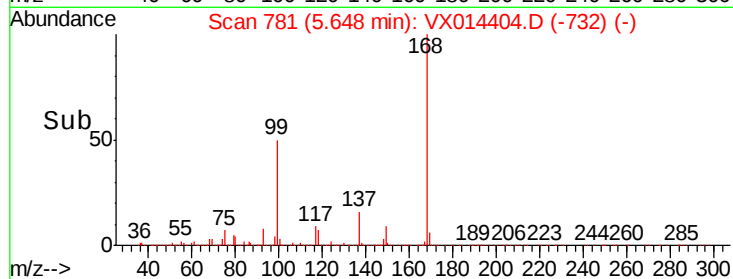
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: 0.620 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014404.D

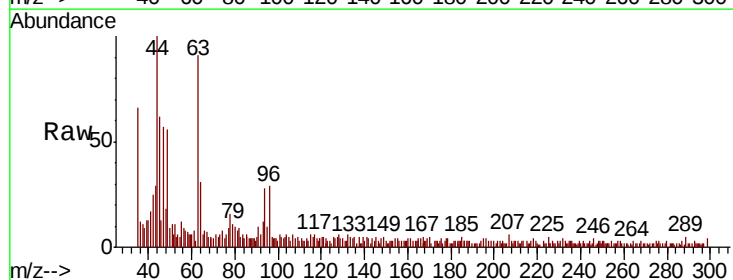
Acq: 03 Jan 2020 16:37

Tgt Ion: 94 Resp: 3046

Ion Ratio Lower Upper

94 100

96 86.5 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

2000

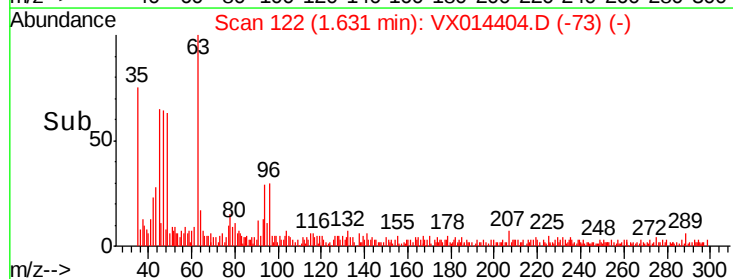
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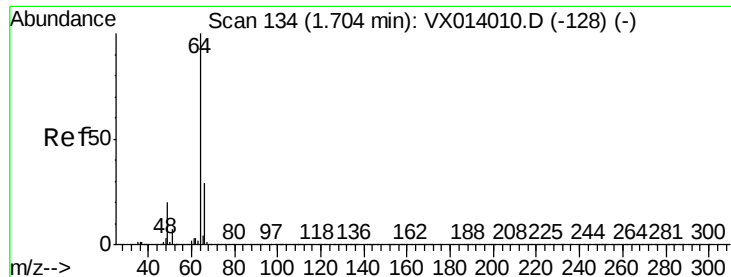
1000

500

0

Time-->





#6

Chloroethane

Concen: 2.076 ug/l

RT: 1.67 min Scan# 129

Delta R.T. -0.03 min

Lab File: VX014404.D

Acq: 03 Jan 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

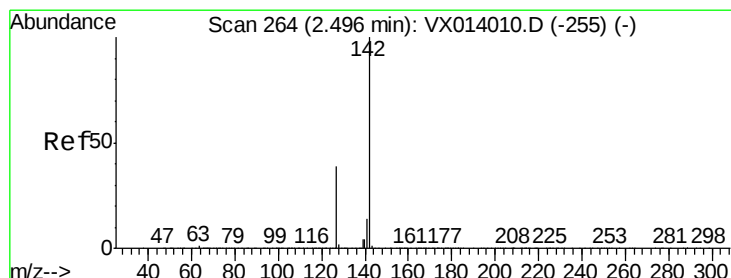
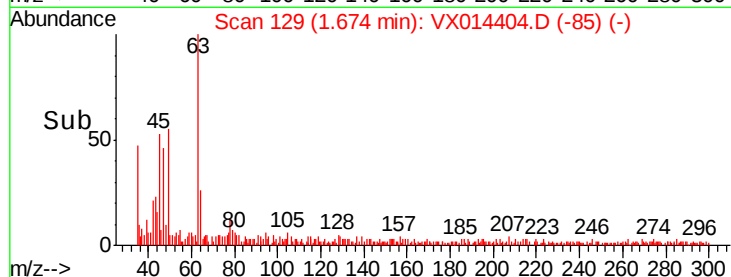
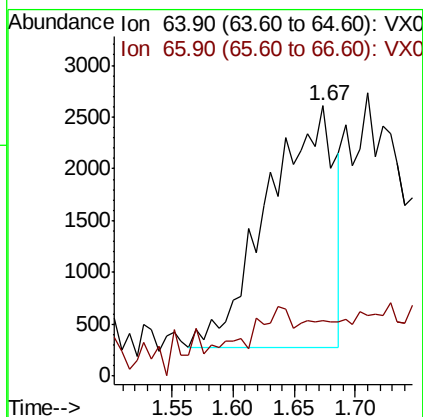
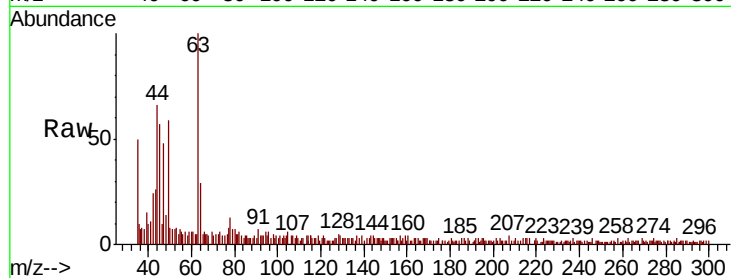
WP022SB455_191227-14-16ME

Tot Ion: 64 Resp: 8865

Ion Ratio Lower Upper

64 100

66 14.1 23.4 35.2#



#10

Methyl Iodide

Concen: 2.724 ug/l

RT: 2.48 min Scan# 262

Delta R.T. -0.01 min

Lab File: VX014404.D

Acq: 03 Jan 2020 16:37

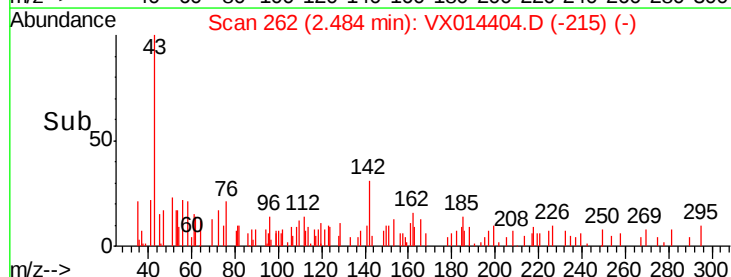
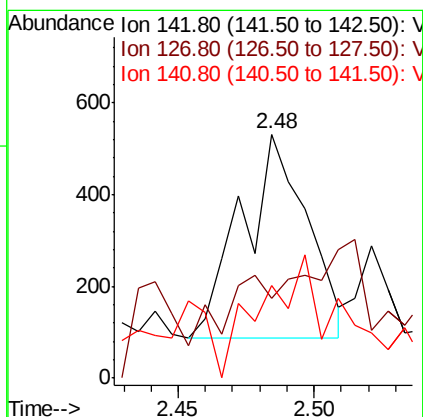
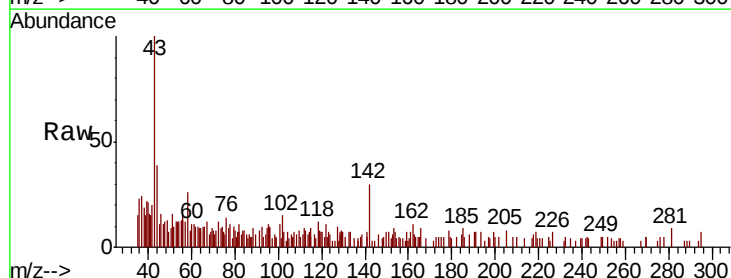
Tgt Ion: 142 Resp: 740

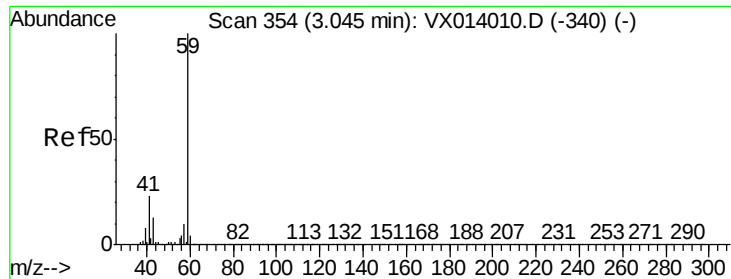
Ion Ratio Lower Upper

142 100

127 25.0 31.6 47.4#

141 0.0 11.6 17.4#



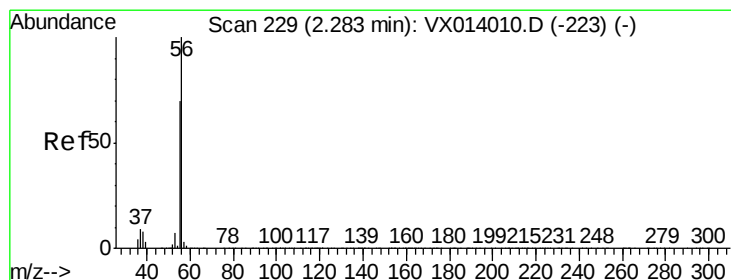
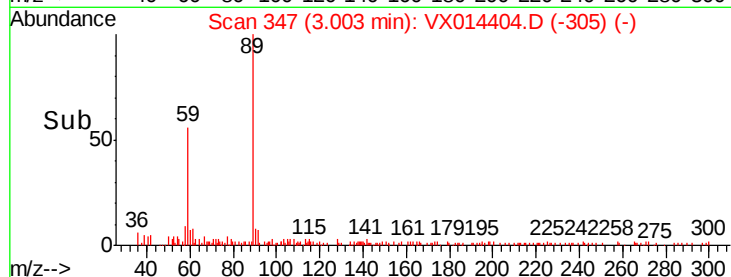
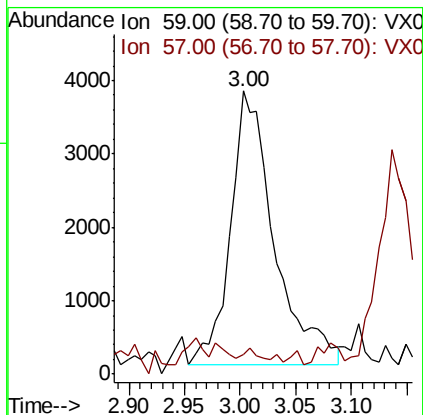
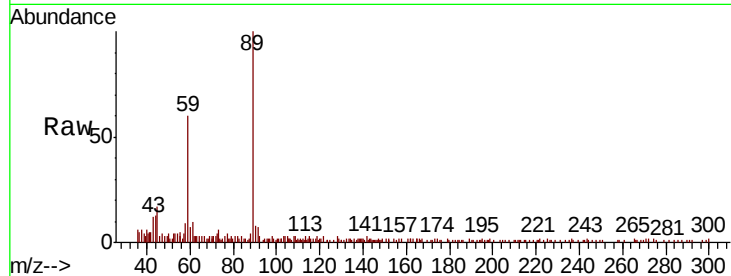


#11

Tert butyl alcohol
 Concen: 7.614 ug/l
 RT: 3.00 min Scan# 347
 Delta R.T. -0.04 min
 Lab File: VX014404.D
 Acq: 03 Jan 2020 16:37

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022SB455_191227-14-16ME

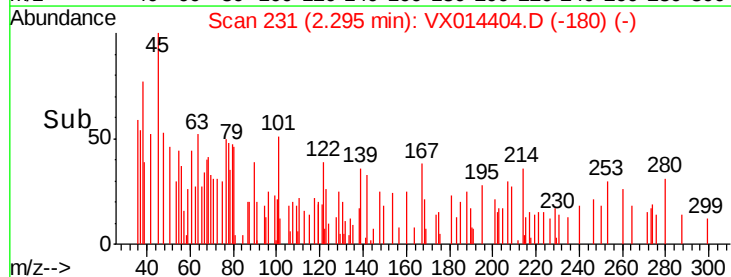
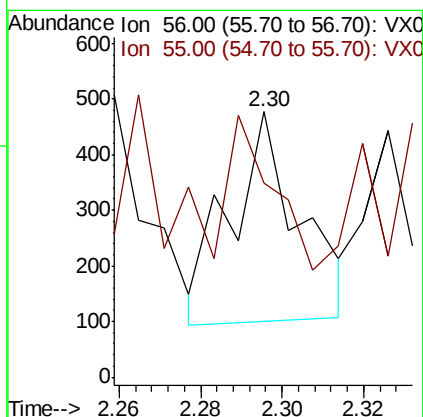
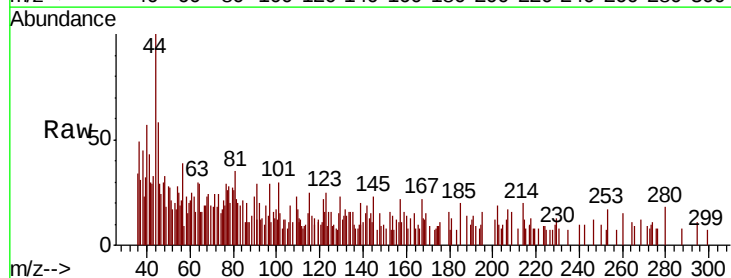
Tot Ion: 59 Resp: 10183
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.4 12.6#

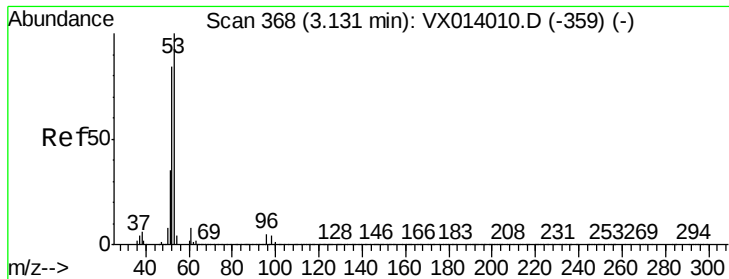


#13

Acrolein
 Concen: 0.580 ug/l
 RT: 2.30 min Scan# 231
 Delta R.T. 0.01 min
 Lab File: VX014404.D
 Acq: 03 Jan 2020 16:37

Tgt Ion: 56 Resp: 444
 Ion Ratio Lower Upper
 56 100
 55 45.9 56.9 85.3#





#15

Acrylonitrile

Concen: 0.242 ug/l

RT: 3.12 min Scan# 366

Delta R.T. -0.01 min

Lab File: VX014404.D

Acq: 03 Jan 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

WP022SB455_191227-14-16ME

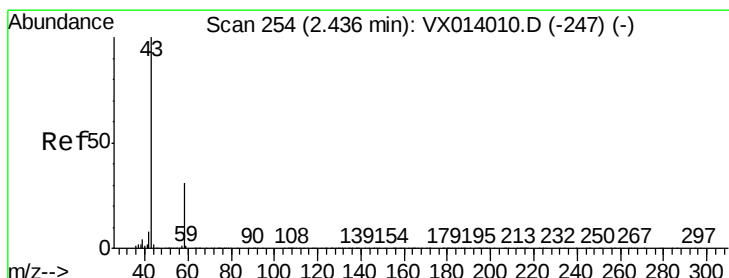
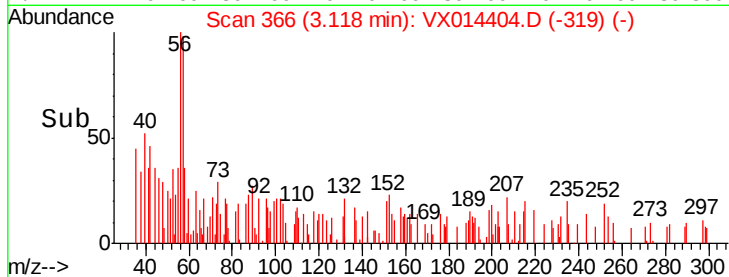
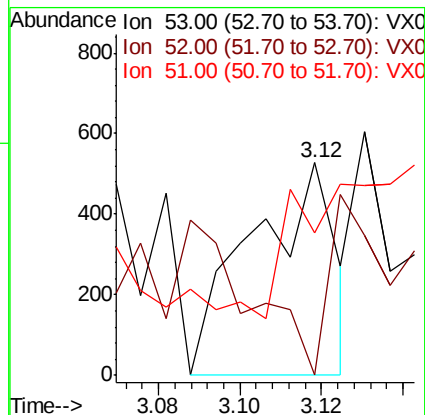
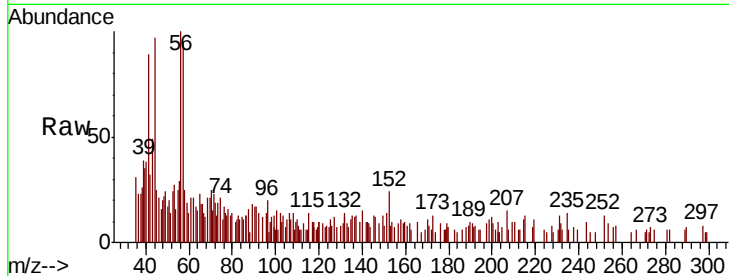
Tot Ion: 53 Resp: 755

Ion Ratio Lower Upper

53 100

52 49.4 66.5 99.7#

51 0.0 28.1 42.1#



#16

Acetone

Concen: 1.524 ug/l

RT: 2.48 min Scan# 261

Delta R.T. 0.04 min

Lab File: VX014404.D

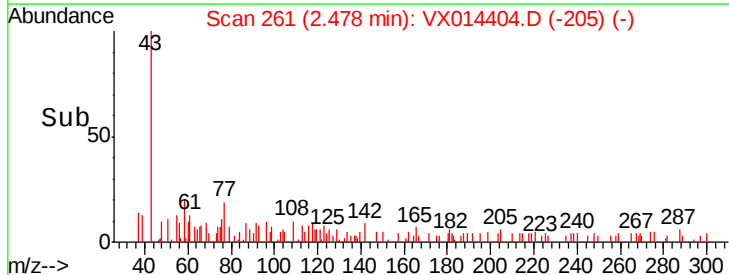
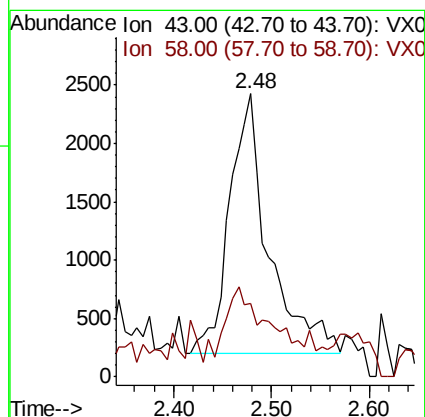
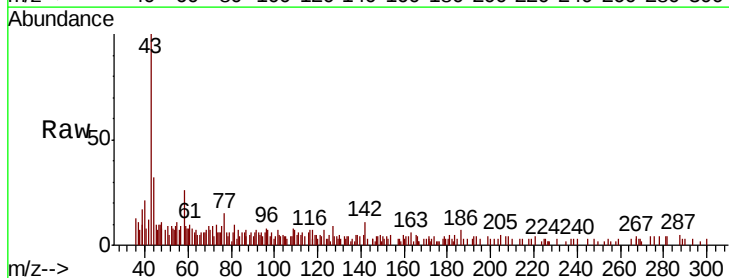
Acq: 03 Jan 2020 16:37

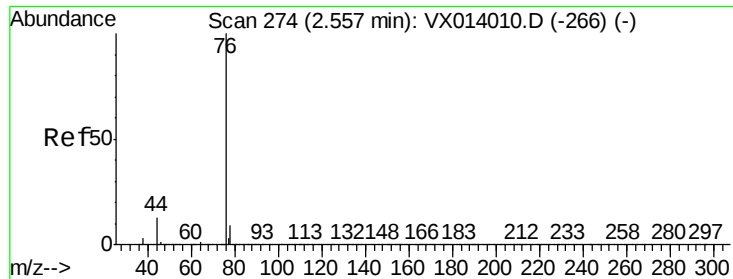
Tgt Ion: 43 Resp: 6125

Ion Ratio Lower Upper

43 100

58 11.5 24.9 37.3#





#17

Carbon Disulfide

Concen: 1.086 ug/l

RT: 2.53 min Scan# 270

Delta R.T. -0.02 min

Lab File: VX014404.D

Acq: 03 Jan 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

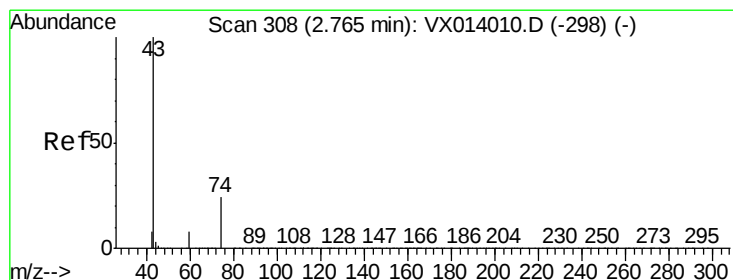
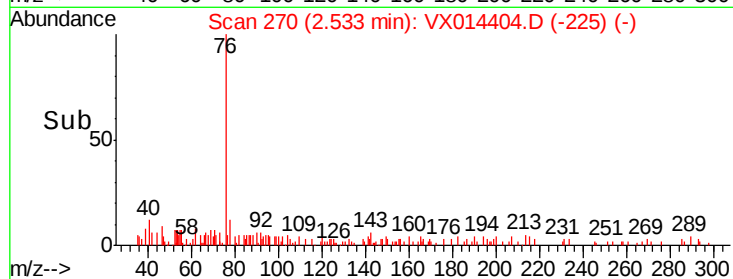
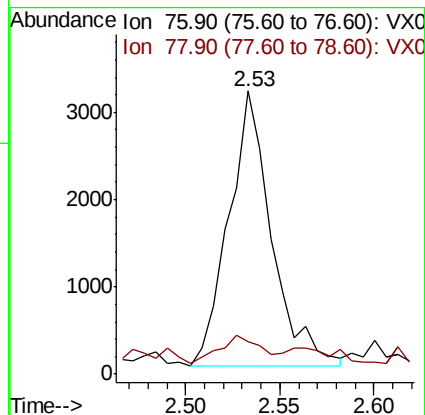
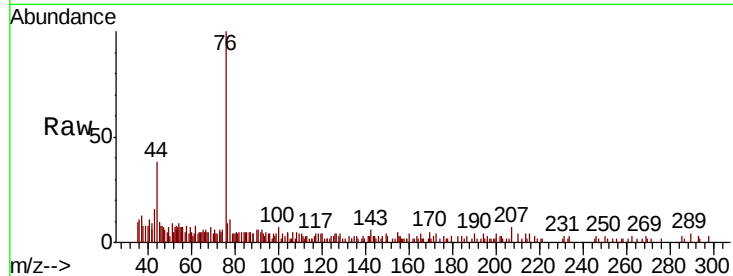
WP022SB455_191227-14-16ME

Tot Ion: 76 Resp: 4977

Ion Ratio Lower Upper

76 100

78 7.7 7.2 10.8



#18

Methyl Acetate

Concen: 0.958 ug/l

RT: 2.78 min Scan# 311

Delta R.T. 0.02 min

Lab File: VX014404.D

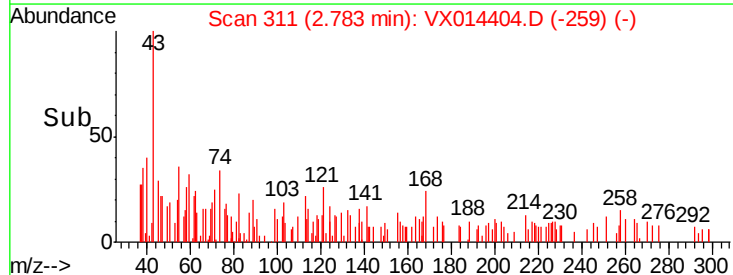
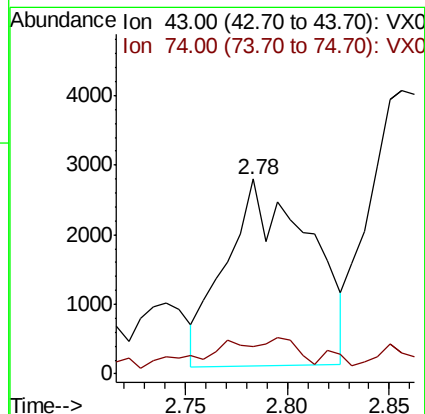
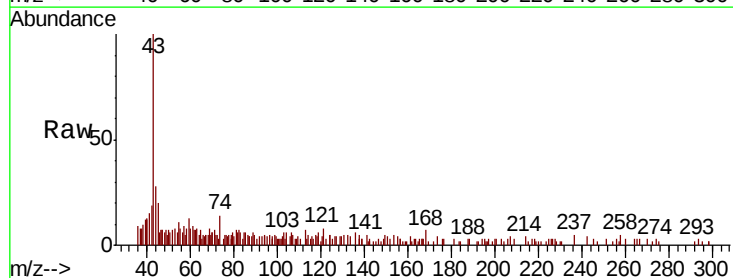
Acq: 03 Jan 2020 16:37

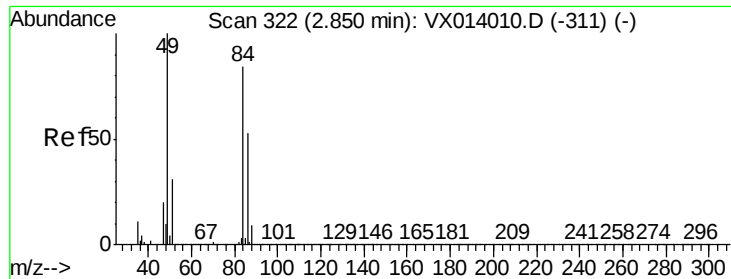
Tgt Ion: 43 Resp: 7625

Ion Ratio Lower Upper

43 100

74 10.1 19.5 29.3#

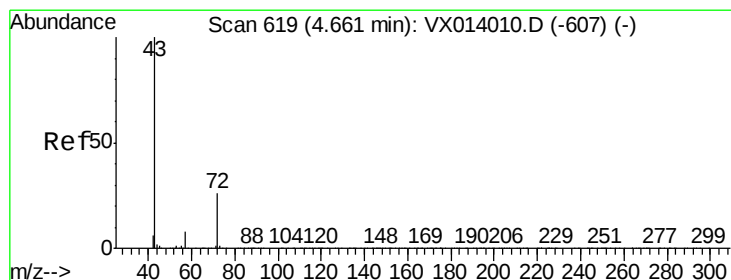
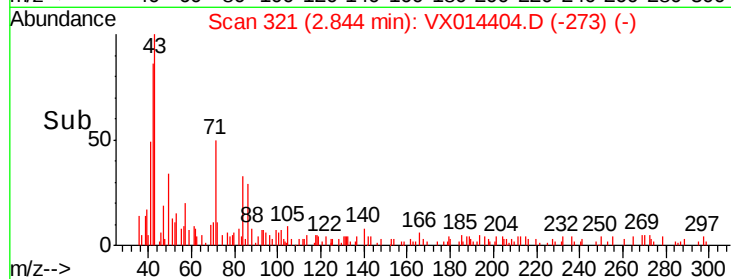
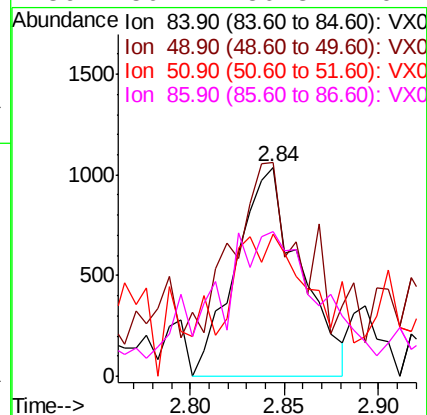
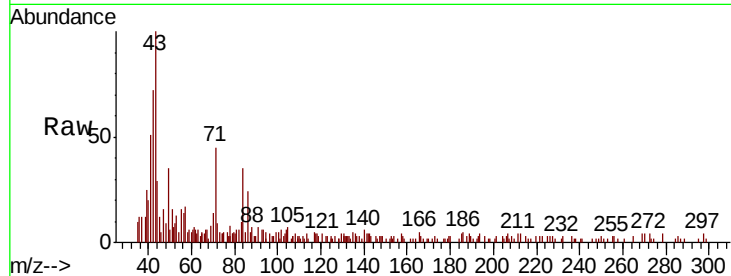




#20
Methvlene Chloride
Concen: 0.388 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014404.D
Acq: 03 Jan 2020 16:37

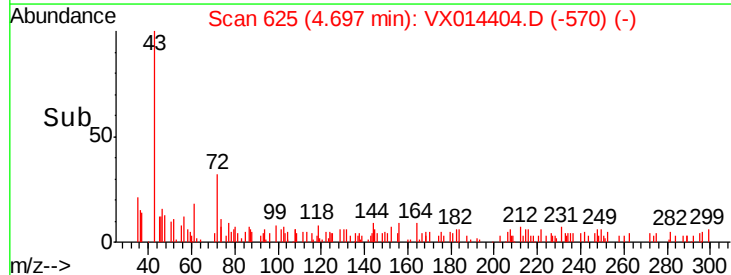
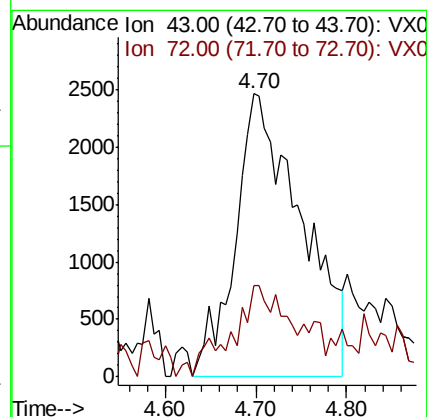
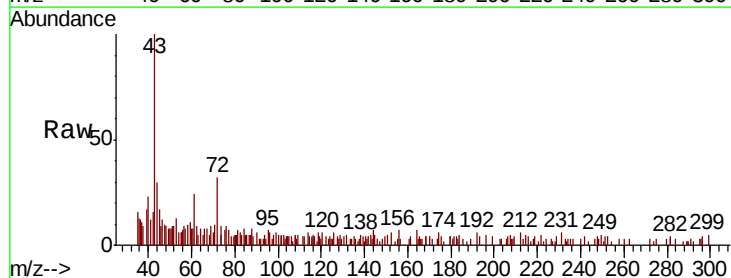
Instrument :
MSVOA_X
ClientSampleId :
WP022SB455_191227-14-16ME

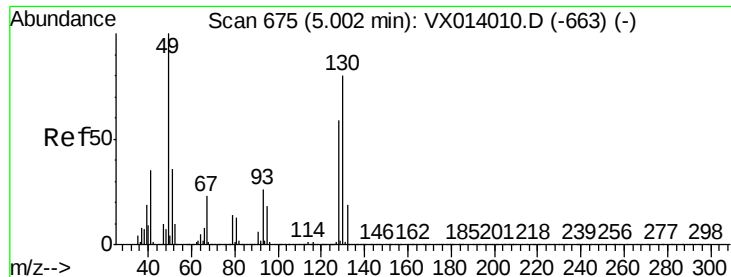
Tot Ion:	84	Resp:	2453
Ion	Ratio	Lower	Upper
84	100		
49	71.6	95.8	143.6#
51	48.6	29.8	44.8#
86	50.7	50.8	76.2#



#25
2-Butanone
Concen: 2.515 ug/l
RT: 4.70 min Scan# 625
Delta R.T. 0.04 min
Lab File: VX014404.D
Acq: 03 Jan 2020 16:37

Tgt Ion:	43	Resp:	12461
Ion	Ratio	Lower	Upper
43	100		
72	25.3	21.0	31.4





#28

Bromochloromethane

Concen: 0.497 ug/l

RT: 4.99 min Scan# 673

Delta R.T. -0.01 min

Lab File: VX014404.D

Acq: 03 Jan 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

WP022SB455_191227-14-16ME

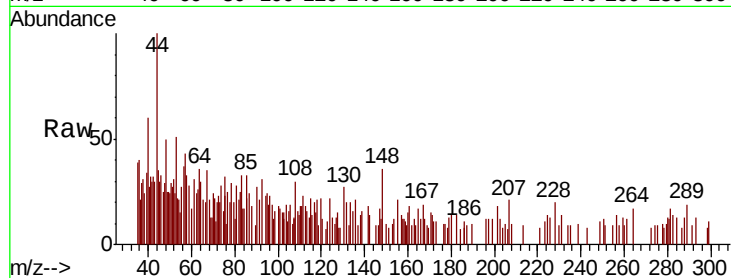
Tot Ion: 49 Resp: 174

Ion Ratio Lower Upper

49 100

129 0.0 0.0 5.0

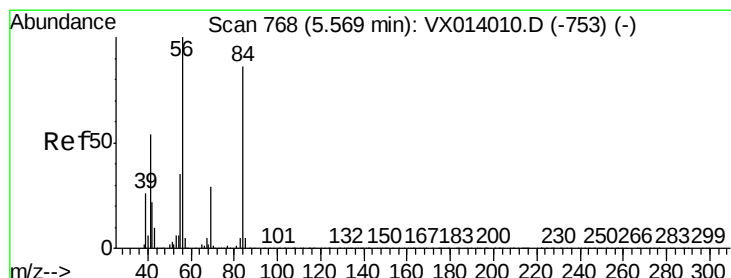
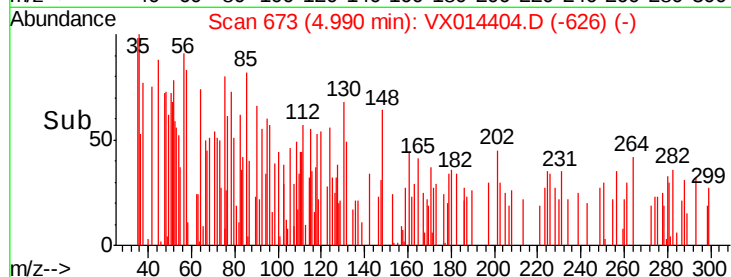
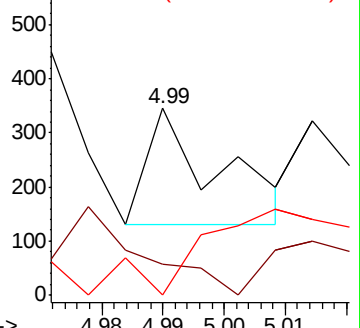
130 216.7 64.6 97.0#



Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#31

Cyclohexane

Concen: 2.704 ug/l

RT: 5.56 min Scan# 766

Delta R.T. -0.01 min

Lab File: VX014404.D

Acq: 03 Jan 2020 16:37

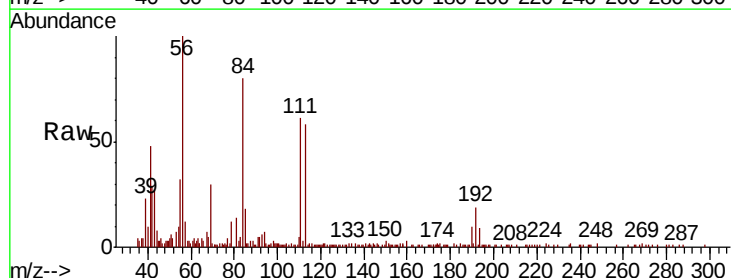
Tgt Ion: 56 Resp: 25008

Ion Ratio Lower Upper

56 100

69 27.6 23.2 34.8

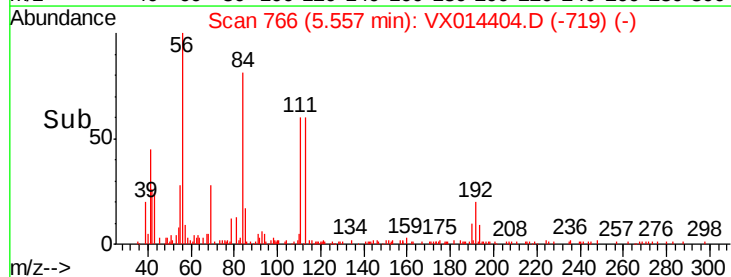
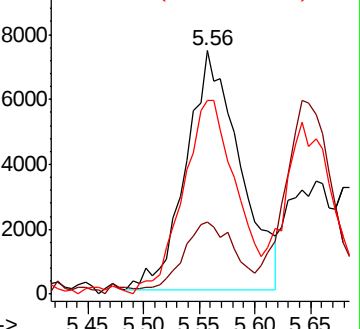
84 79.8 69.2 103.8

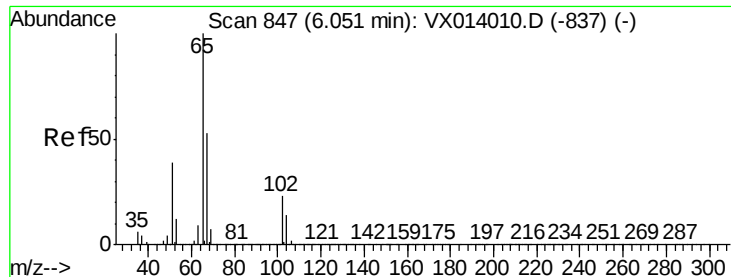


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 47.153 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX014404.D

Acq: 03 Jan 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

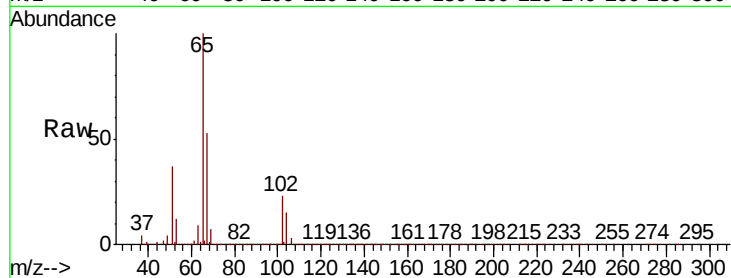
WP022SB455_191227-14-16ME

Tot Ion: 65 Resp: 291837

Ion Ratio Lower Upper

65 100

67 53.1 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

120000

100000

80000

60000

40000

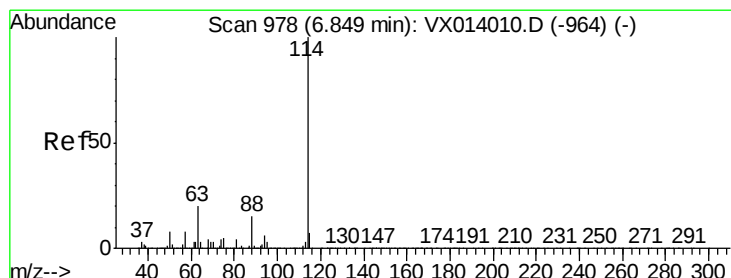
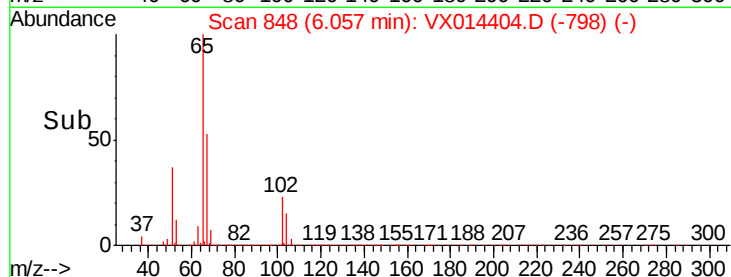
20000

0

Time-->

5.90 6.00 6.10 6.20

6.06



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014404.D

Acq: 03 Jan 2020 16:37

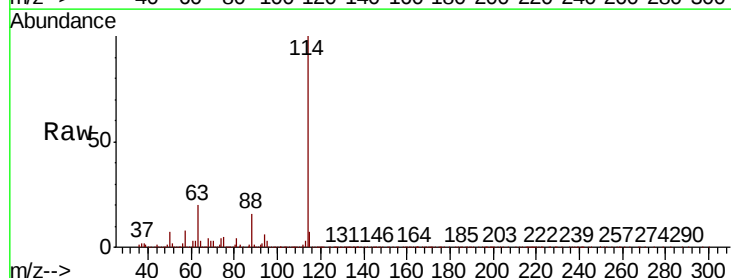
Tgt Ion: 114 Resp: 822722

Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.8

88 15.7 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

400000

300000

200000

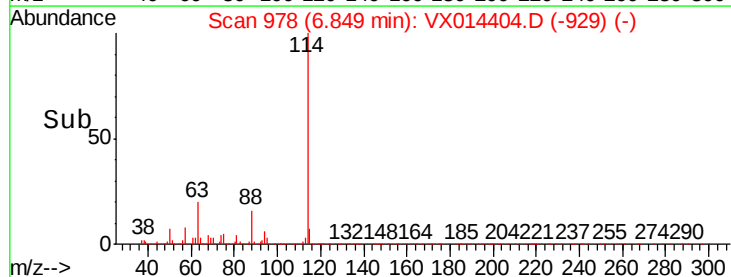
100000

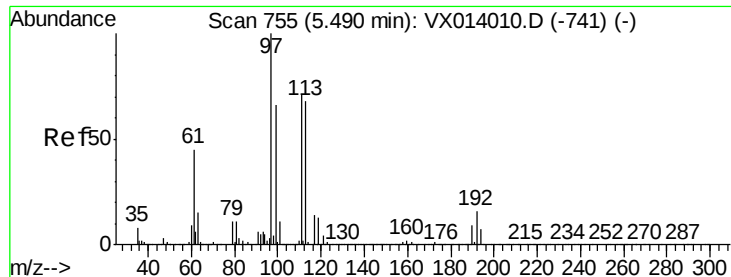
0

Time-->

6.70 6.80 6.90 7.00

6.85





#35

Dibromofluoromethane

Concen: 46.459 ug/l

RT: 5.50 min Scan# 756

Delta R.T. 0.01 min

Lab File: VX014404.D

Acq: 03 Jan 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

WP022SB455_191227-14-16ME

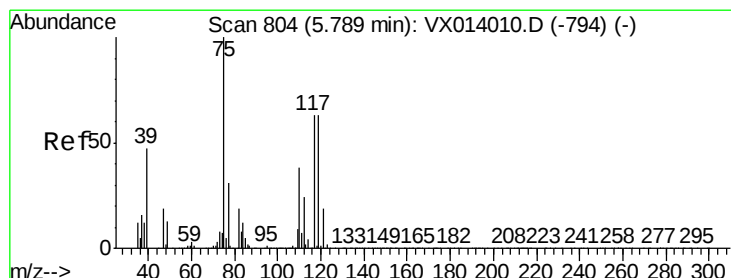
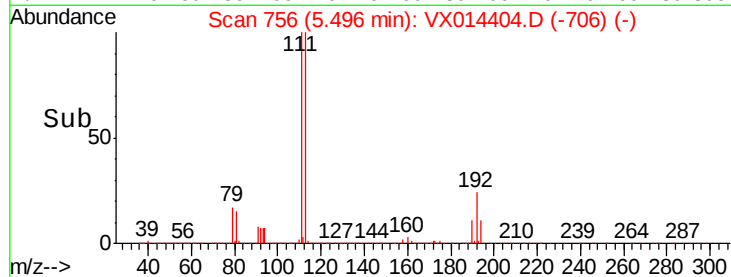
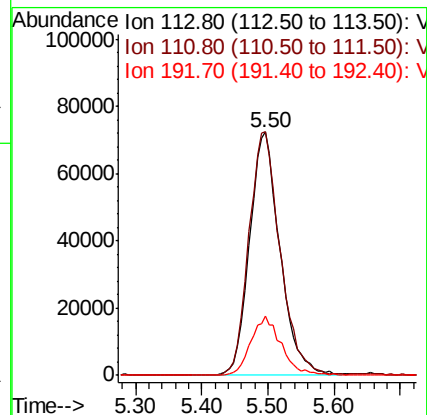
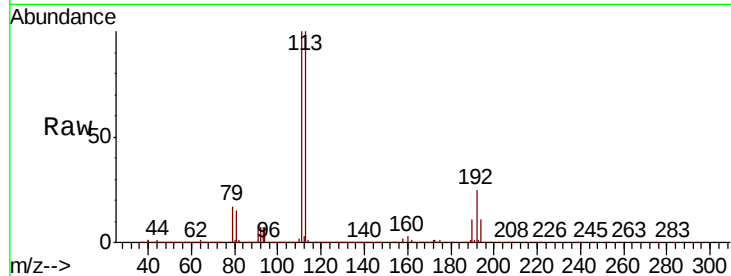
Tot Ion:113 Resp: 232355

Ion Ratio Lower Upper

113 100

111 101.8 82.0 123.0

192 24.1 19.3 28.9



#36

1,1-Dichloropropene

Concen: 4.765 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.14 min

Lab File: VX014404.D

Acq: 03 Jan 2020 16:37

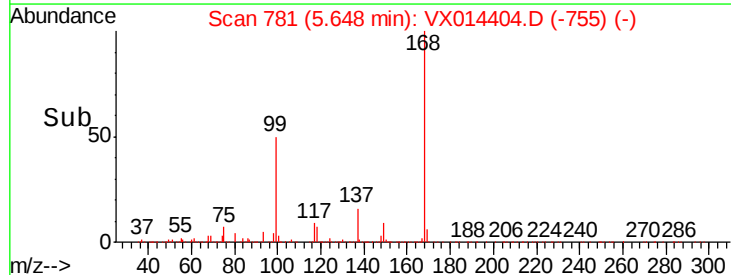
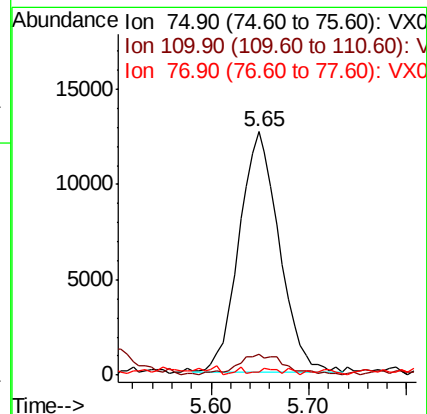
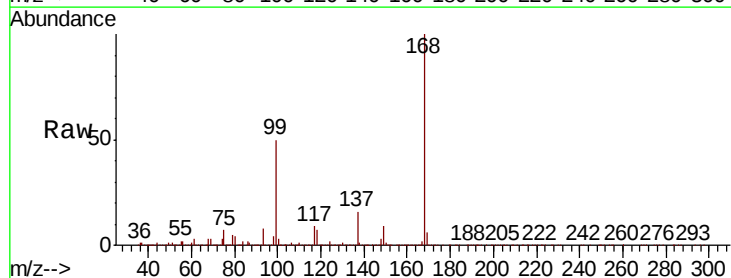
Tgt Ion: 75 Resp: 35971

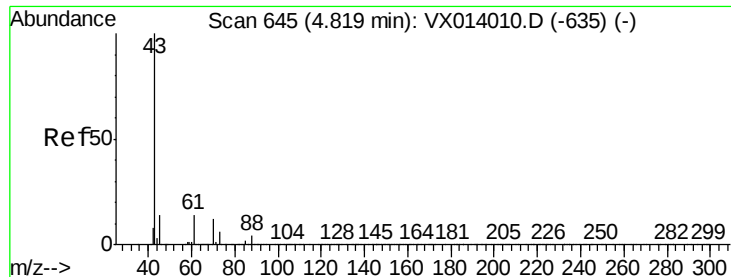
Ion Ratio Lower Upper

75 100

110 10.4 18.3 54.9#

77 0.7 24.8 37.2#

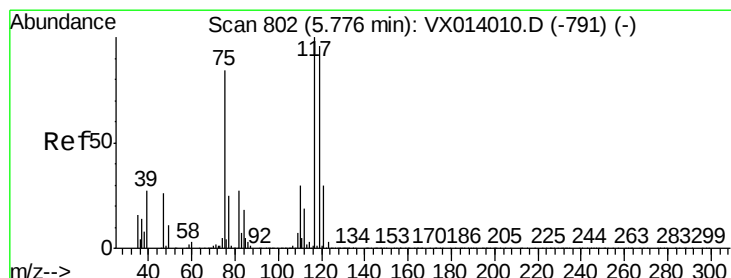
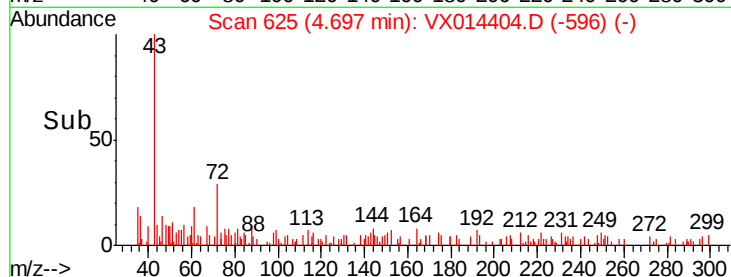
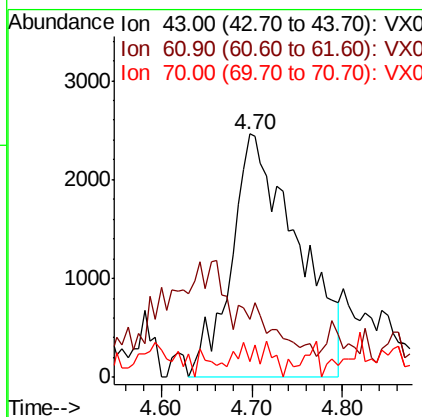
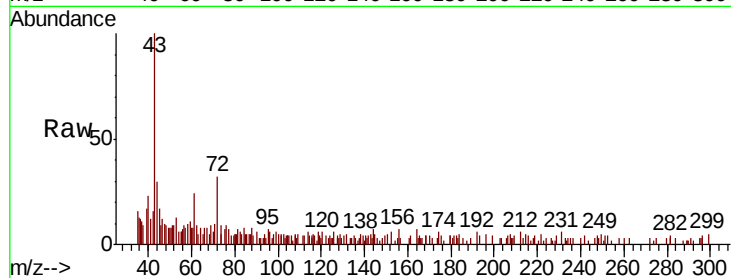




#37
Ethyl Acetate
Concen: 1.495 ug/l
RT: 4.70 min Scan# 625
Delta R.T. -0.12 min
Lab File: VX014404.D
Acq: 03 Jan 2020 16:37

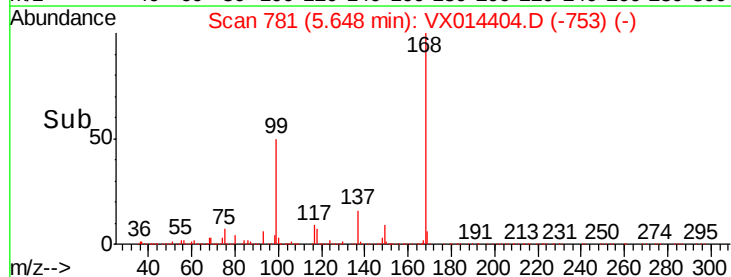
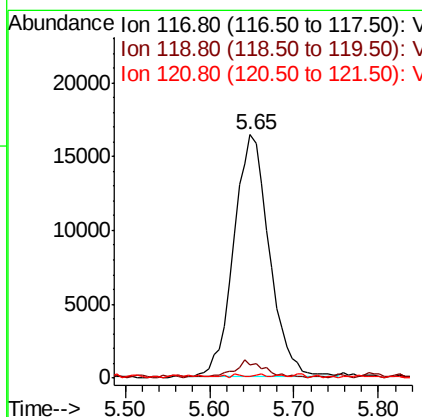
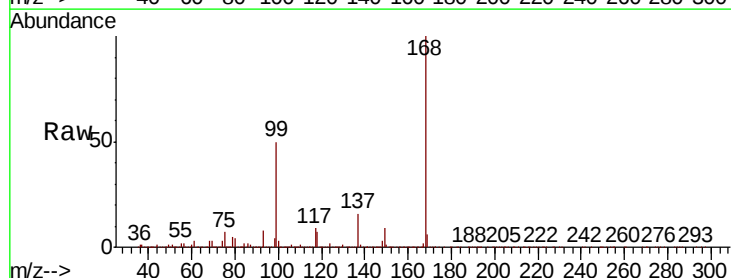
Instrument :
MSVOA_X
ClientSampleId :
WP022SB455_191227-14-16ME

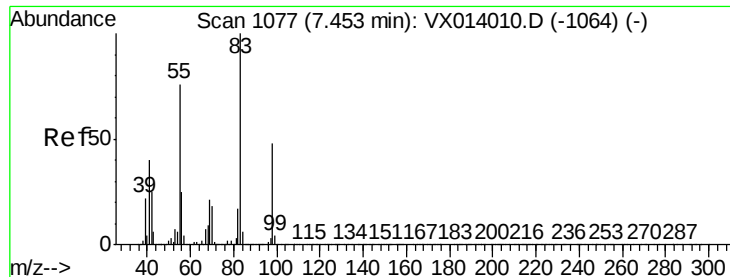
Tot Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.8	16.2#
70	1.5	8.6	12.8#



#38
Carbon Tetrachloride
Concen: 6.807 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.13 min
Lab File: VX014404.D
Acq: 03 Jan 2020 16:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.6	76.2	114.4#
121	0.8	23.6	35.4#





#39

Methylcyclohexane

Concen: 7.864 ug/l

RT: 7.45 min Scan# 1076

Delta R.T. -0.01 min

Lab File: VX014404.D

Acq: 03 Jan 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

WP022SB455_191227-14-16ME

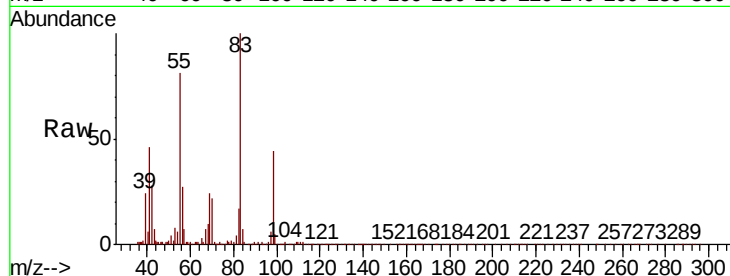
Tot Ion: 83 Resp: 73304

Ion Ratio Lower Upper

83 100

55 81.0 61.0 91.6

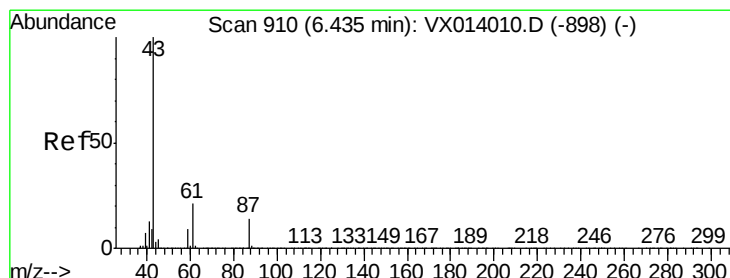
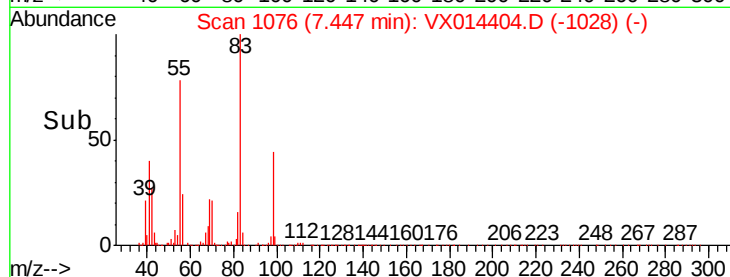
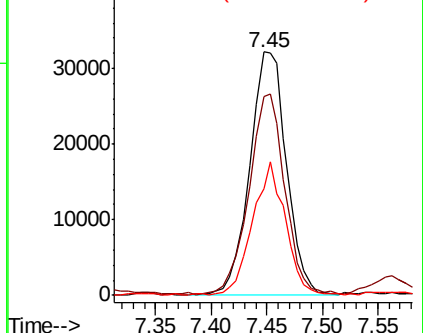
98 43.6 38.6 57.8



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#43

Isopropyl Acetate

Concen: 0.269 ug/l

RT: 6.47 min Scan# 915

Delta R.T. 0.03 min

Lab File: VX014404.D

Acq: 03 Jan 2020 16:37

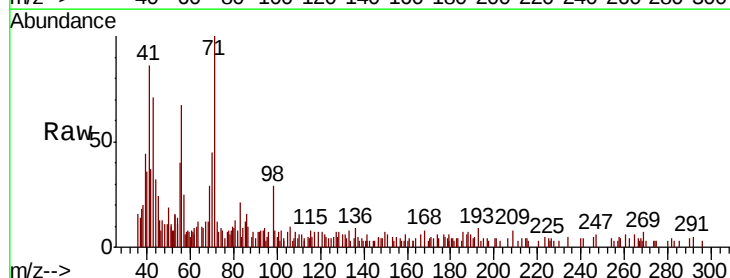
Tgt Ion: 43 Resp: 3716

Ion Ratio Lower Upper

43 100

61 4.0 16.4 24.6#

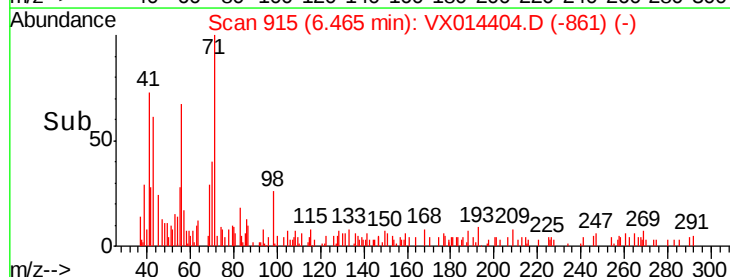
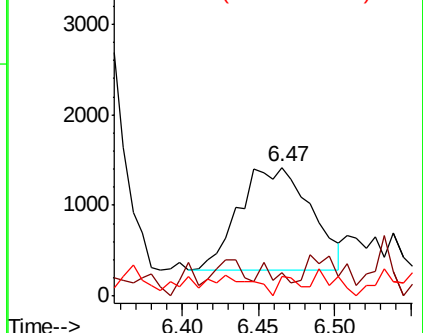
87 6.1 10.7 16.1#

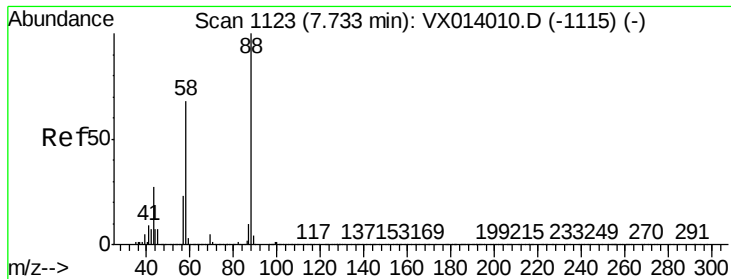


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#49

1,4-Dioxane

Concen: 1.520 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX014404.D

Acq: 03 Jan 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

WP022SB455_191227-14-16ME

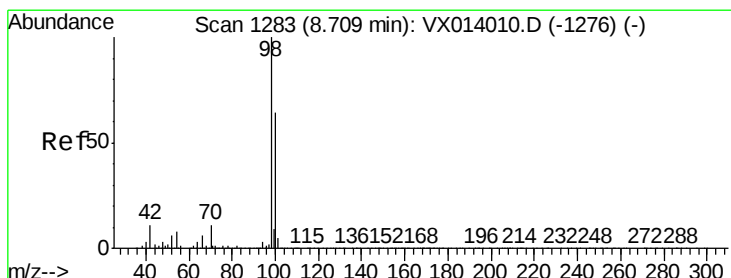
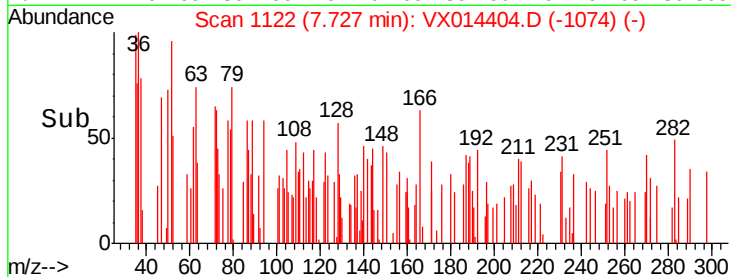
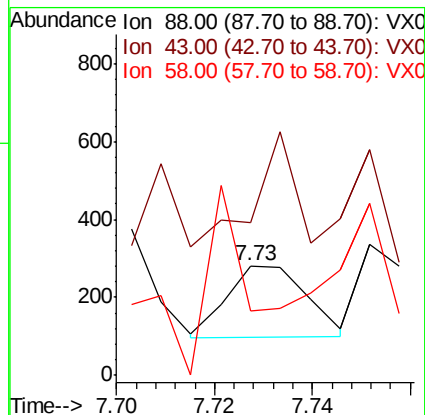
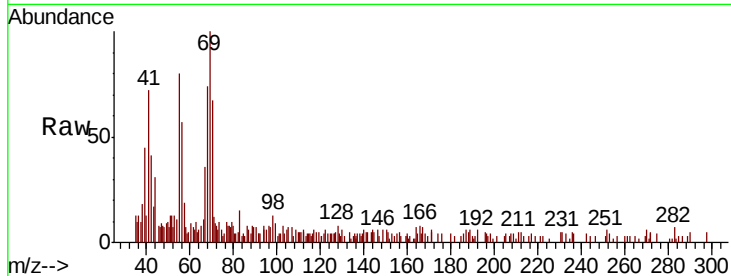
Tot Ion: 88 Resp: 209

Ion Ratio Lower Upper

88 100

43 0.0 26.5 39.7#

58 144.5 56.8 85.2#



#50

Toluene-d8

Concen: 50.261 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014404.D

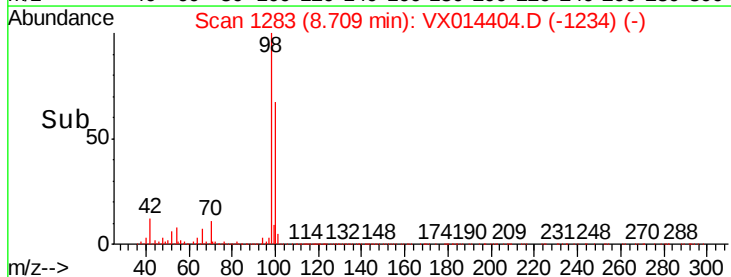
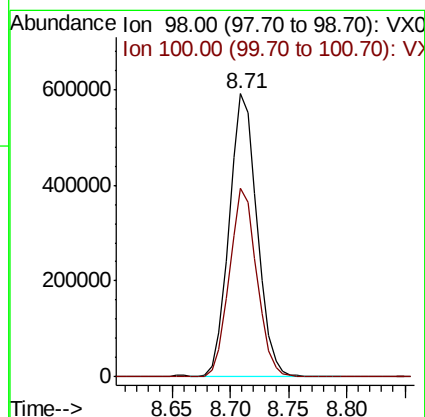
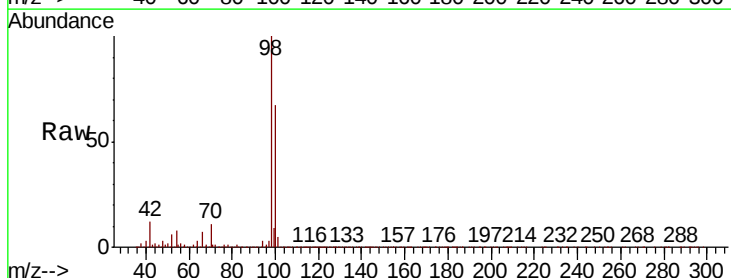
Acq: 03 Jan 2020 16:37

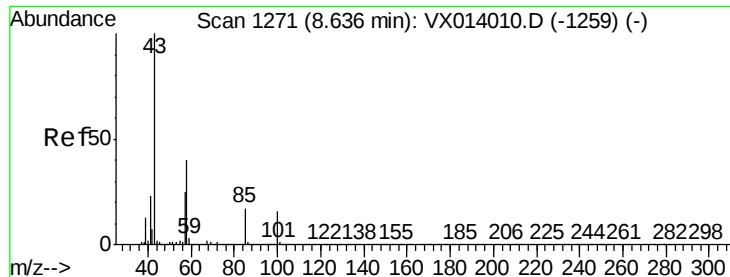
Tgt Ion: 98 Resp: 978628

Ion Ratio Lower Upper

98 100

100 65.7 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 1.267 ug/l

RT: 8.67 min Scan# 1276

Delta R.T. 0.03 min

Lab File: VX014404.D

Acq: 03 Jan 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

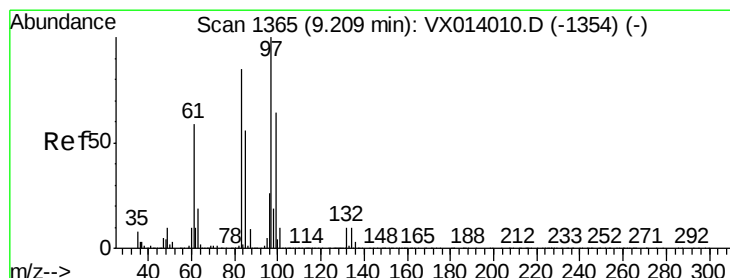
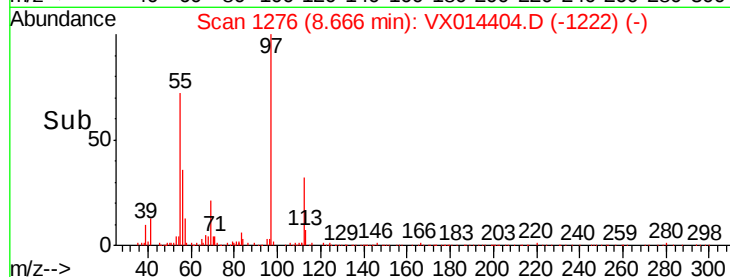
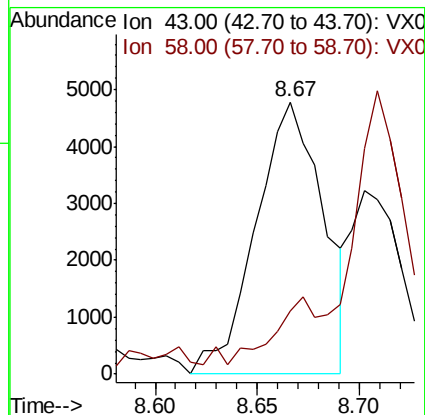
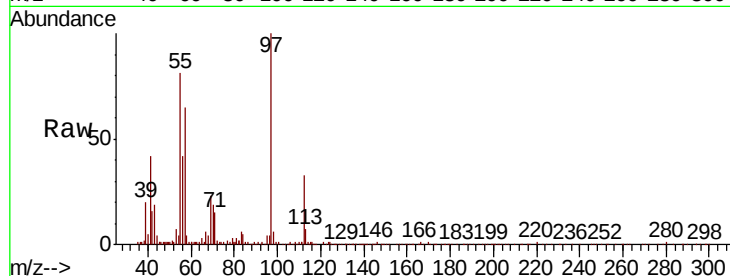
WP022SB455_191227-14-16ME

Tot Ion: 43 Resp: 10975

Ion Ratio Lower Upper

43 100

58 16.0 32.2 48.2#



#55

1,1,2-Trichloroethane

Concen: 3.338 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. -0.05 min

Lab File: VX014404.D

Acq: 03 Jan 2020 16:37

Tgt Ion: 97 Resp: 19644

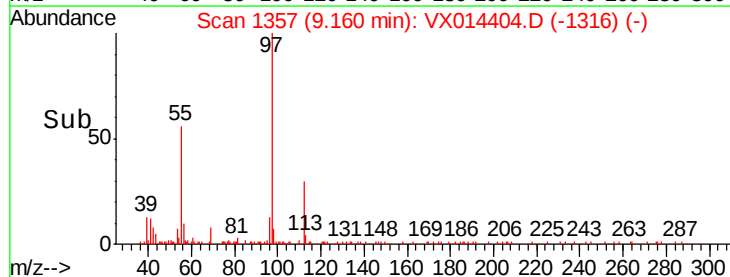
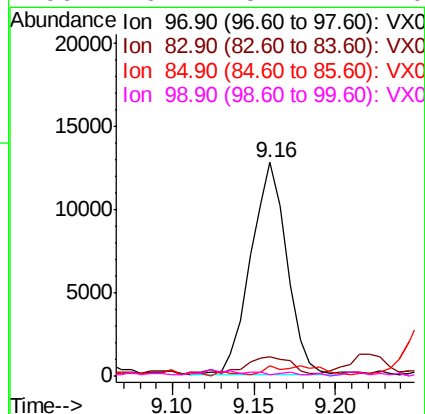
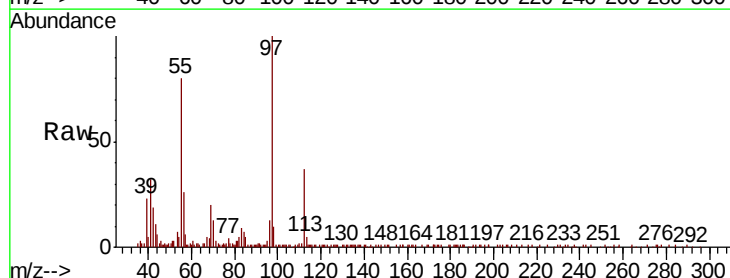
Ion Ratio Lower Upper

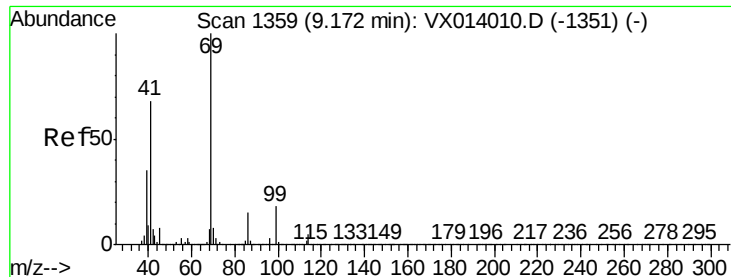
97 100

83 7.8 68.2 102.4#

85 3.5 44.6 66.8#

99 0.2 51.4 77.0#





#56

Ethyl methacrylate

Concen: 0.478 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. -0.01 min

Lab File: VX014404.D

Acq: 03 Jan 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

WP022SB455_191227-14-16ME

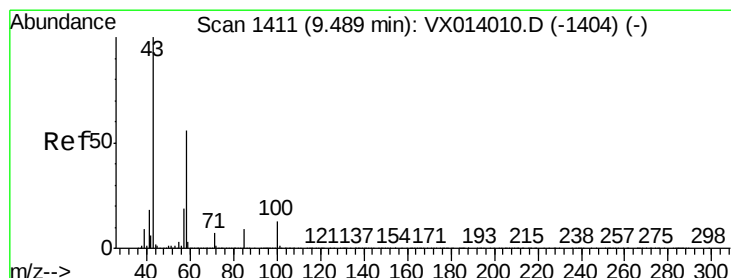
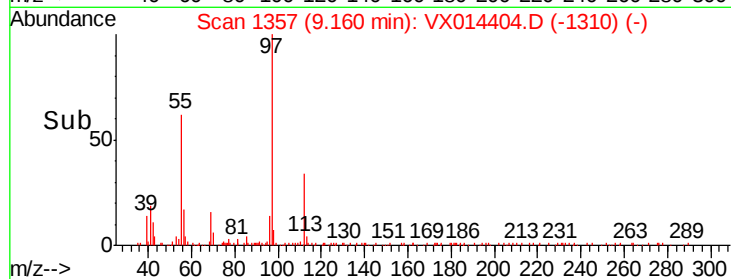
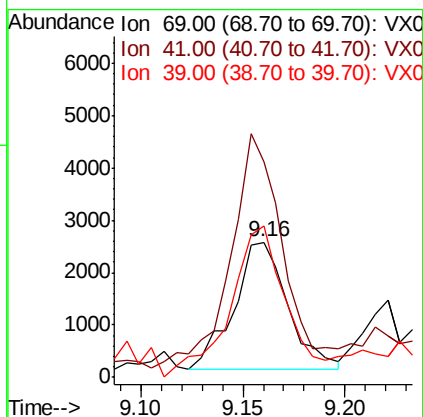
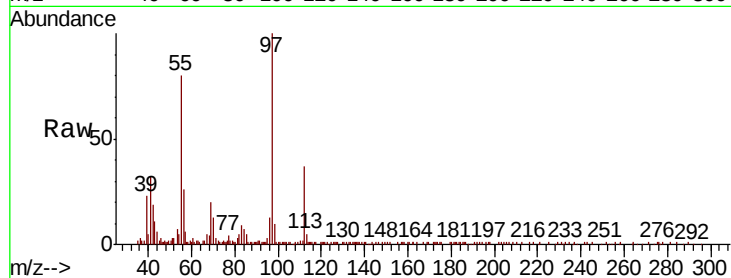
Tot Ion: 69 Resp: 4422

Ion Ratio Lower Upper

69 100

41 177.7 54.8 82.2#

39 123.9 28.3 42.5#



#59

2-Hexanone

Concen: 7.578 ug/l

RT: 9.44 min Scan# 1403

Delta R.T. -0.05 min

Lab File: VX014404.D

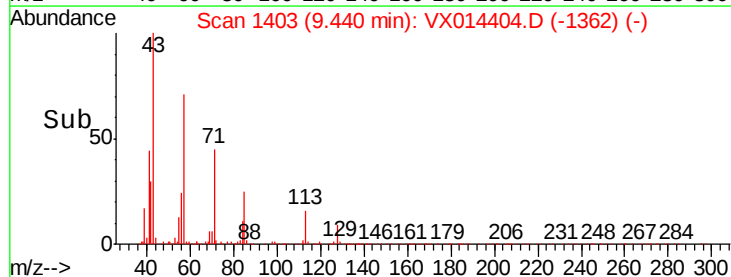
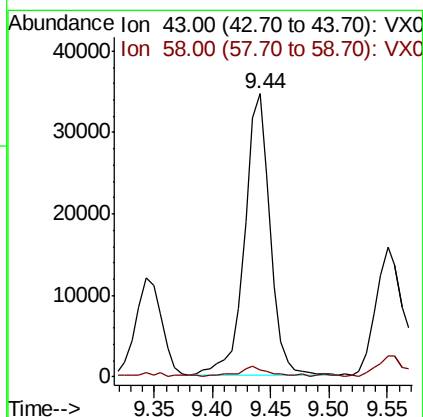
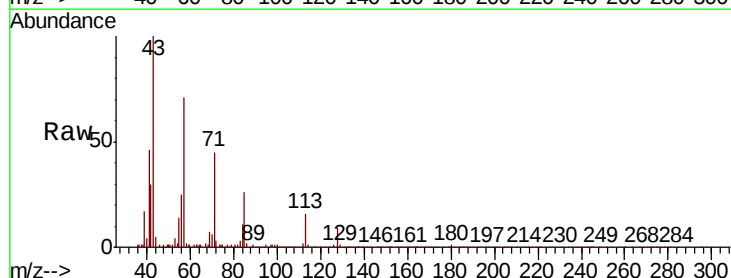
Acq: 03 Jan 2020 16:37

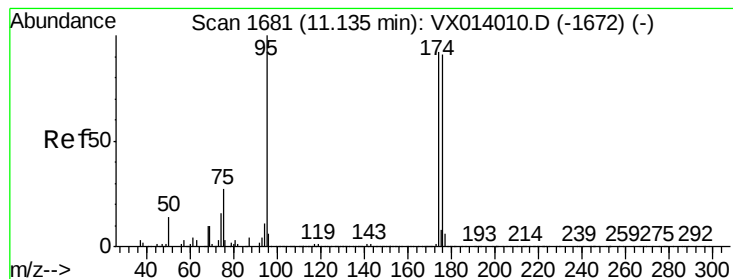
Tgt Ion: 43 Resp: 52854

Ion Ratio Lower Upper

43 100

58 4.3 28.0 84.0#





#62

4-Bromofluorobenzene

Concen: 50.561 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX014404.D

Acq: 03 Jan 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

WP022SB455_191227-14-16ME

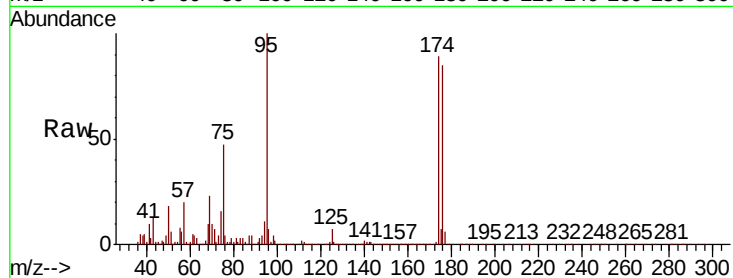
Tot Ion: 95 Resp: 359873

Ion Ratio Lower Upper

95 100

174 85.5 0.0 175.8

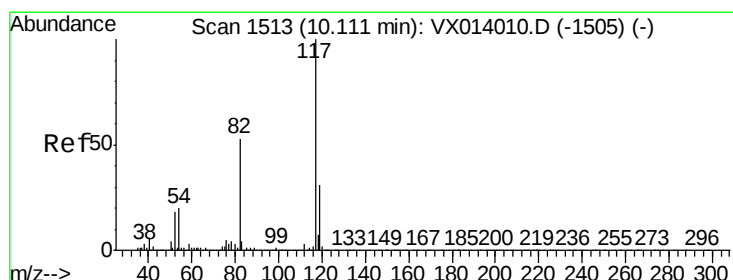
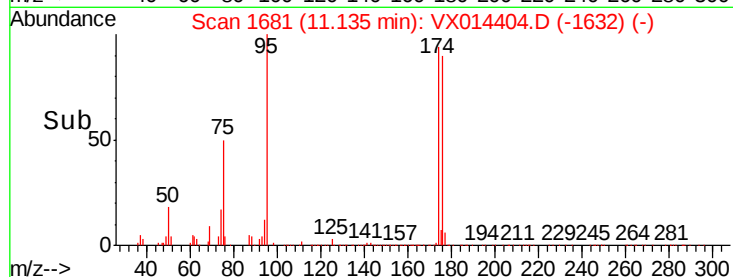
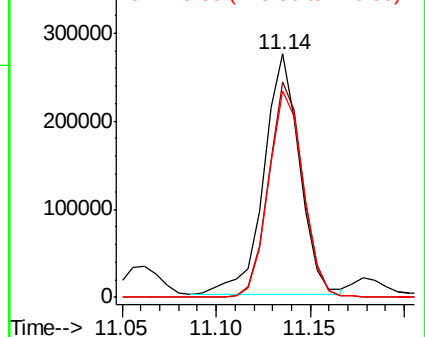
176 83.2 0.0 173.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX014404.D

Acq: 03 Jan 2020 16:37

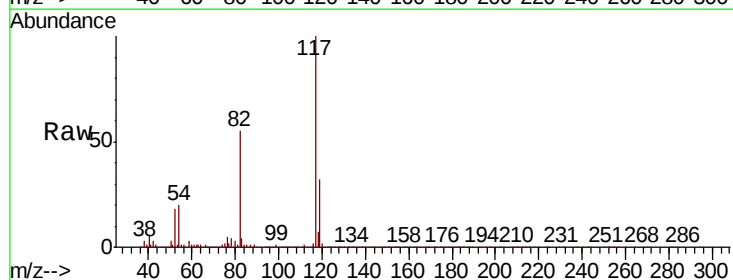
Tgt Ion: 117 Resp: 742567

Ion Ratio Lower Upper

117 100

82 54.2 42.2 63.4

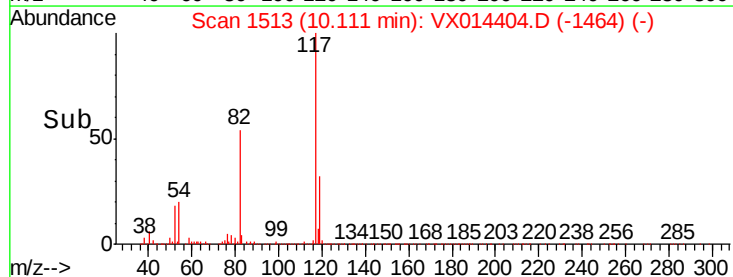
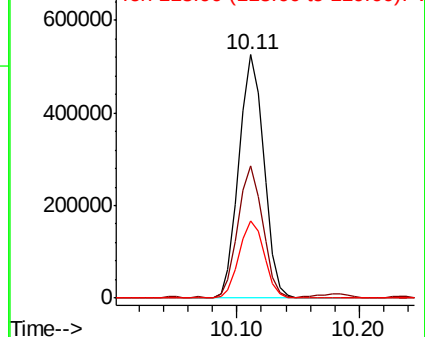
119 31.9 25.1 37.7

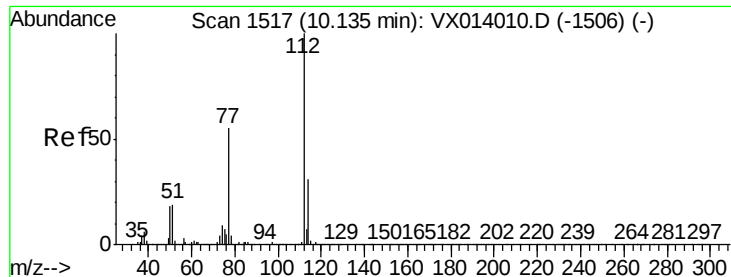


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

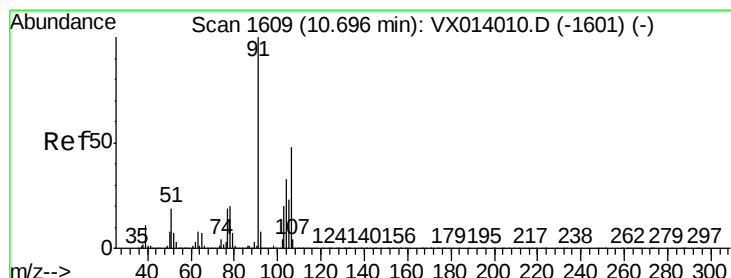
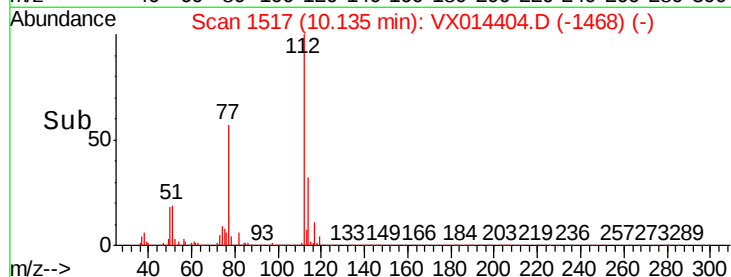
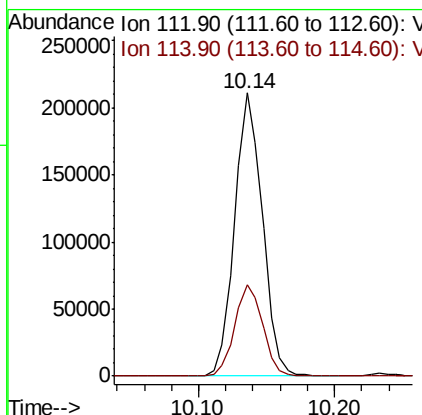
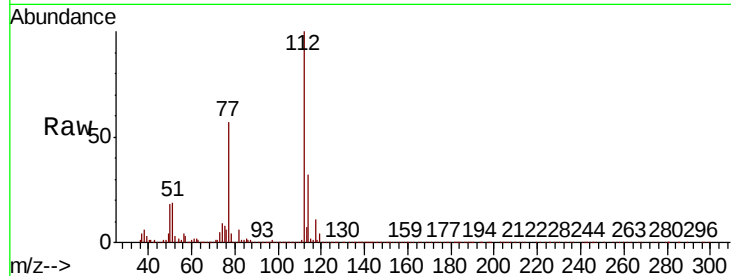




#65
Chlorobenzene
Concen: 18.966 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX014404.D
Acq: 03 Jan 2020 16:37

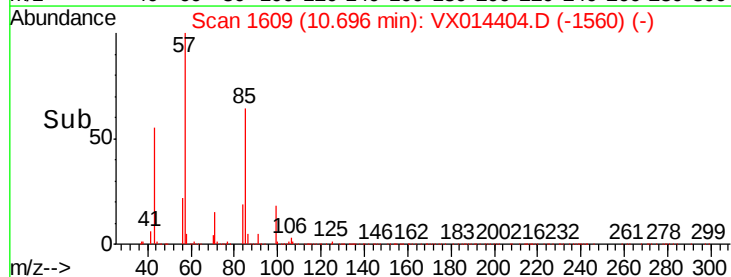
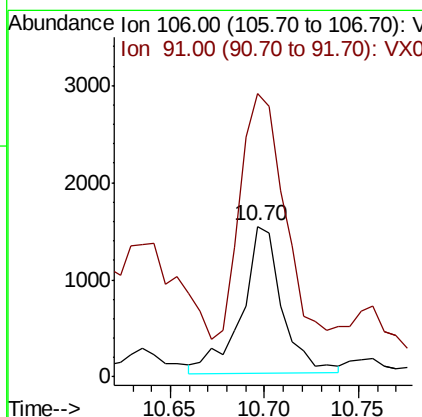
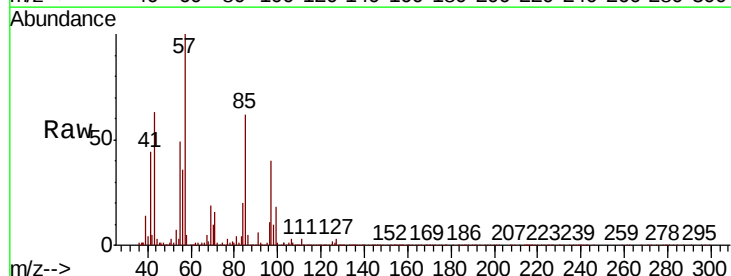
Instrument :
MSVOA_X
ClientSampleId :
WP022SB455_191227-14-16ME

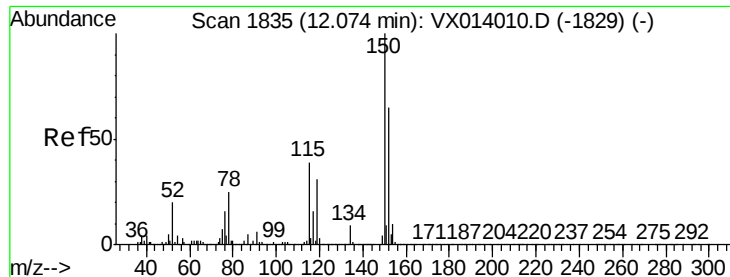
Tot Ion:112 Resp: 299452
Ion Ratio Lower Upper
112 100
114 32.2 24.9 37.3



#69
o-Xylene
Concen: 0.219 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014404.D
Acq: 03 Jan 2020 16:37

Tgt Ion:106 Resp: 2240
Ion Ratio Lower Upper
106 100
91 179.2 104.2 312.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014404.D

Acq: 03 Jan 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

WP022SB455_191227-14-16ME

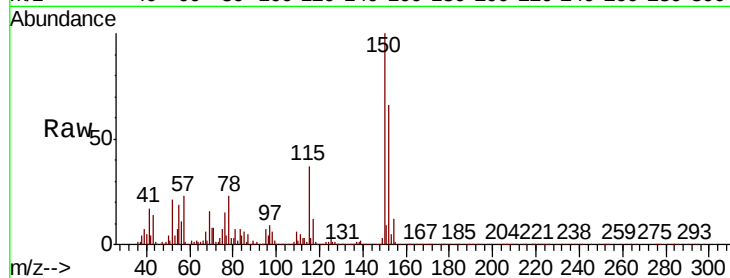
Tot Ion:152 Resp: 373439

Ion Ratio Lower Upper

152 100

115 53.7 38.3 114.9

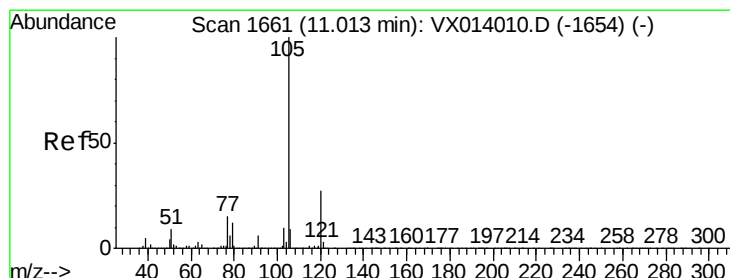
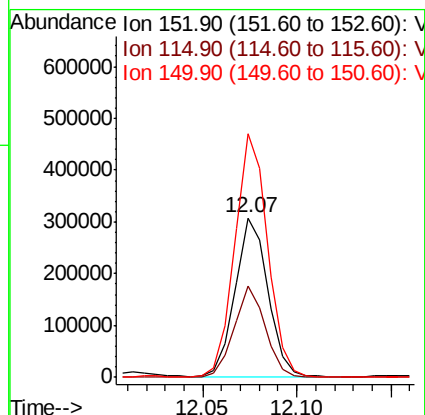
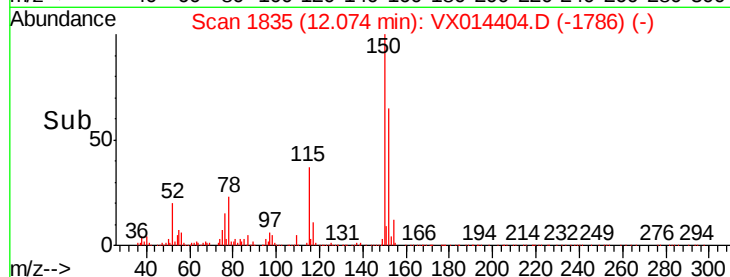
150 151.8 0.0 345.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 0.623 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014404.D

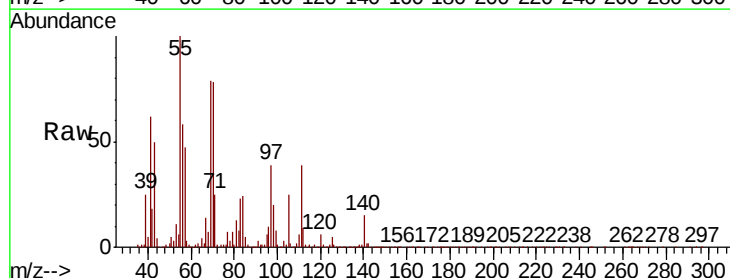
Acq: 03 Jan 2020 16:37

Tgt Ion:105 Resp: 16379

Ion Ratio Lower Upper

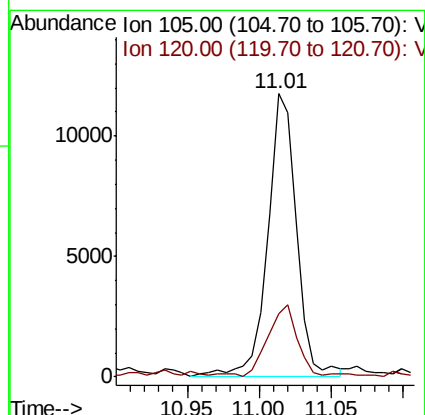
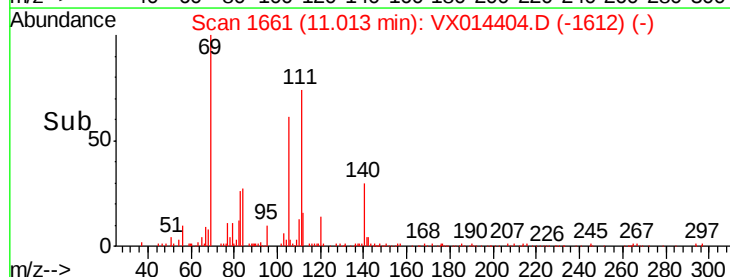
105 100

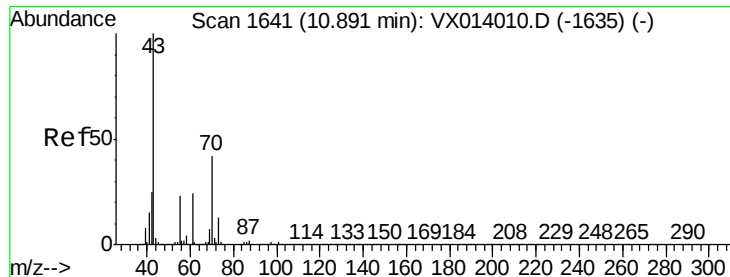
120 24.2 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 6.673 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. -0.01 min

Lab File: VX014404.D

Acq: 03 Jan 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

WP022SB455_191227-14-16ME

Tot Ion: 43 Resp: 82238

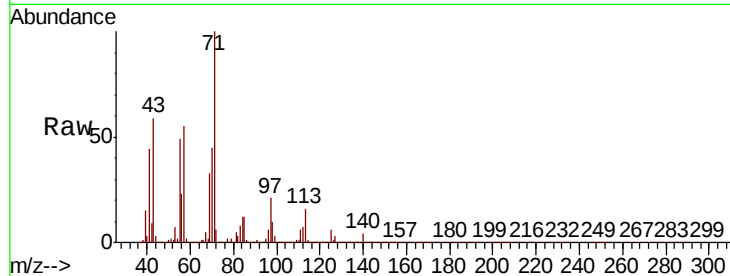
Ion Ratio Lower Upper

43 100

70 84.3 34.4 51.6#

55 0.0 19.1 28.7#

61 0.0 19.7 29.5#

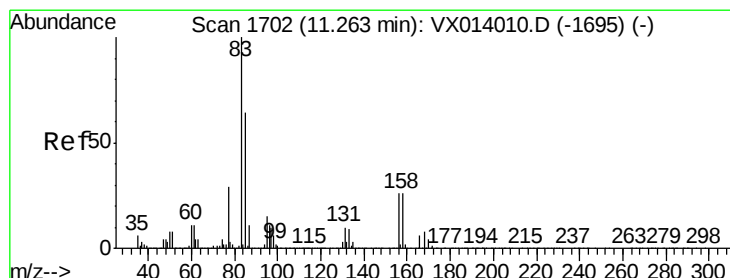
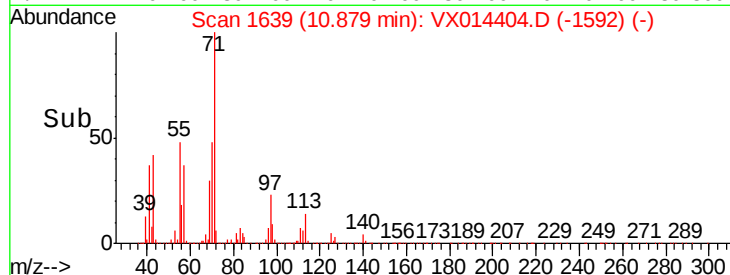
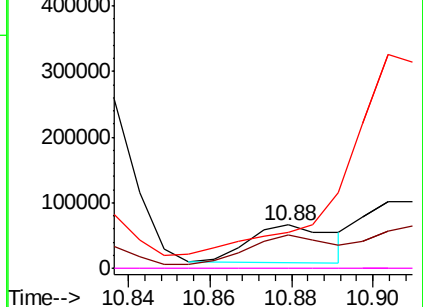


Abundance Ion 43.00 (42.70 to 43.70): VX0

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



#75

1,1,2,2-Tetrachloroethane

Concen: 14.471 ug/l

RT: 11.27 min Scan# 1703

Delta R.T. 0.01 min

Lab File: VX014404.D

Acq: 03 Jan 2020 16:37

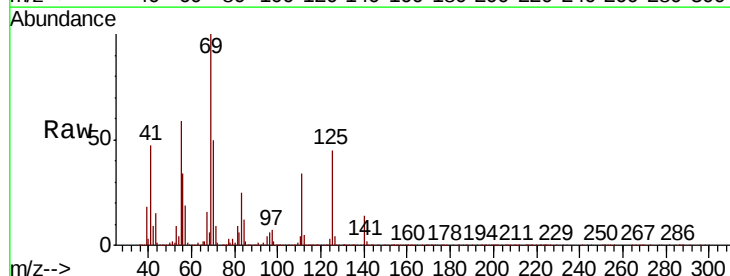
Tgt Ion: 83 Resp: 131907

Ion Ratio Lower Upper

83 100

131 0.2 5.1 15.2#

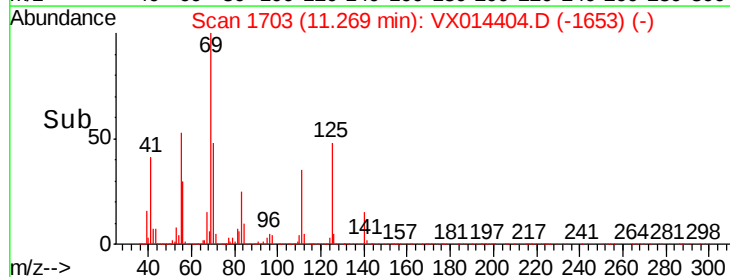
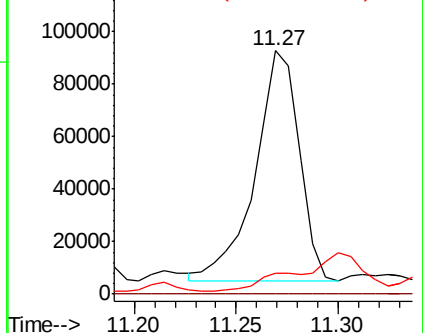
85 0.0 31.9 95.7#

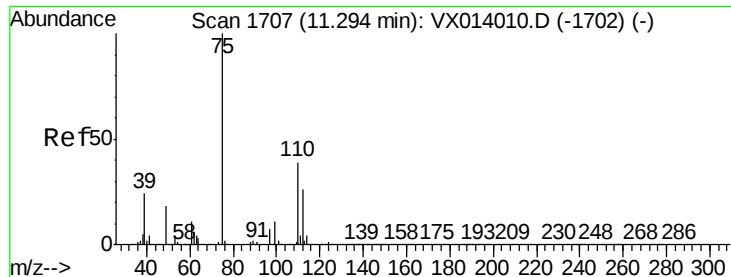


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 20.519 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.16 min

Lab File: VX014404.D

Acq: 03 Jan 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

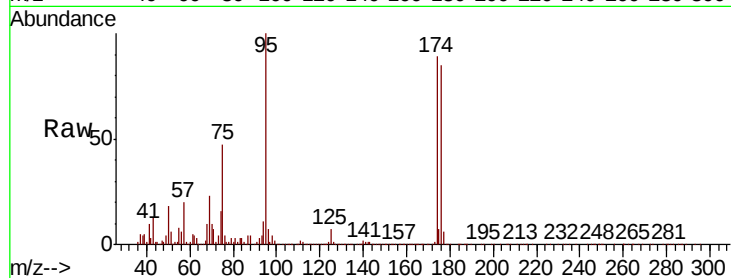
WP022SB455_191227-14-16ME

Tot Ion: 75 Resp: 166352

Ion Ratio Lower Upper

75 100

77 2.3 19.3 57.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

11.14

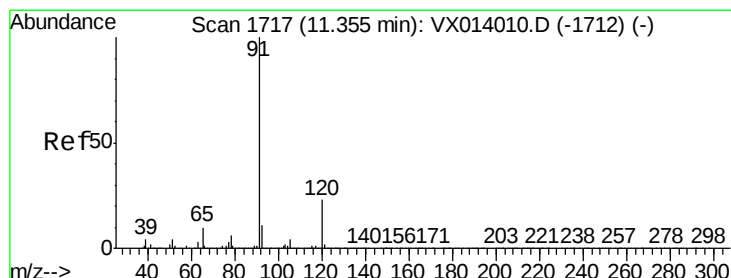
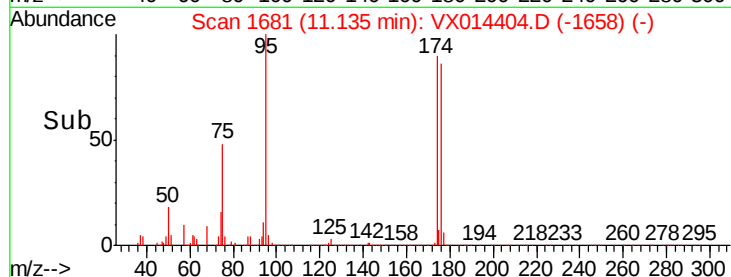
150000

100000

50000

0

Time--> 11.05 11.10 11.15 11.20



#78

n-propylbenzene

Concen: 0.382 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014404.D

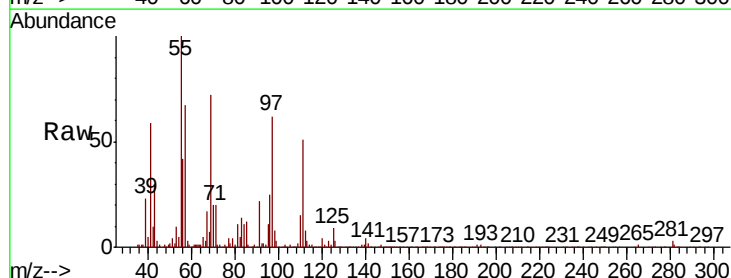
Acq: 03 Jan 2020 16:37

Tgt Ion: 91 Resp: 11259

Ion Ratio Lower Upper

91 100

120 22.1 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

11.35

10000

8000

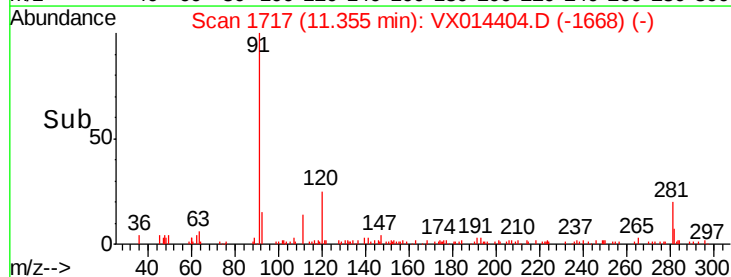
6000

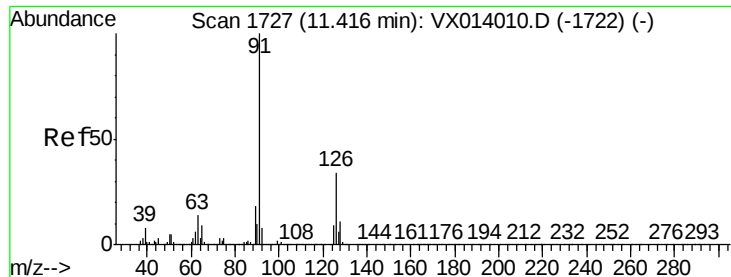
4000

2000

0

Time--> 11.30 11.35

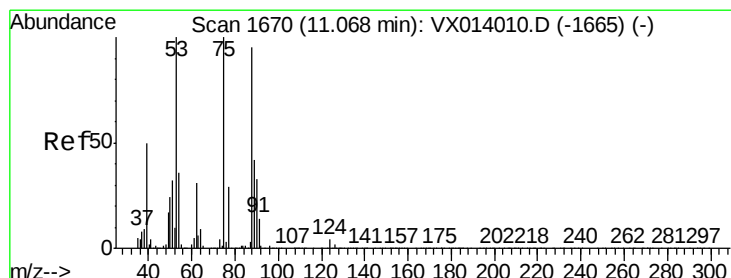
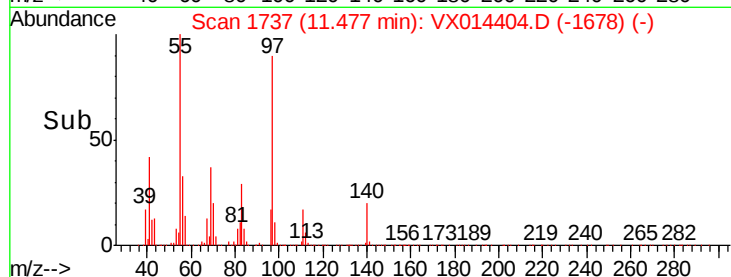
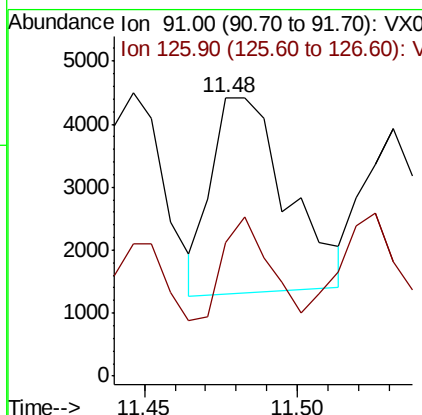
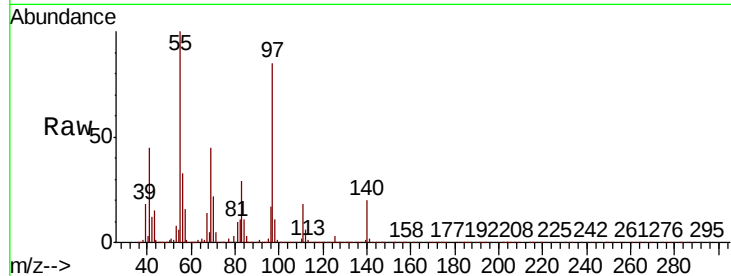




#79
2-Chlorotoluene
Concen: 0.300 ug/l
RT: 11.48 min Scan# 1737
Delta R.T. 0.06 min
Lab File: VX014404.D
Acq: 03 Jan 2020 16:37

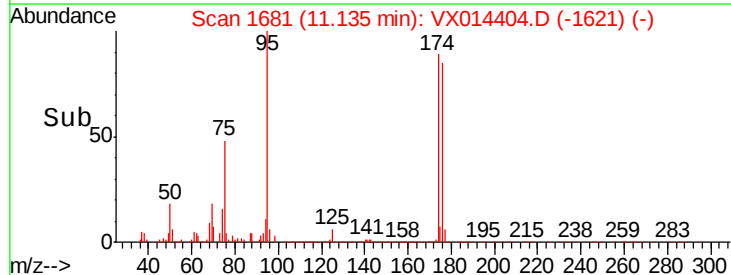
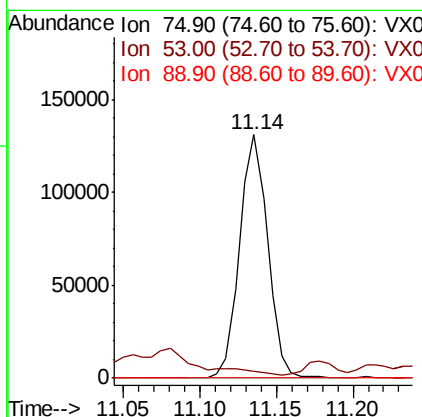
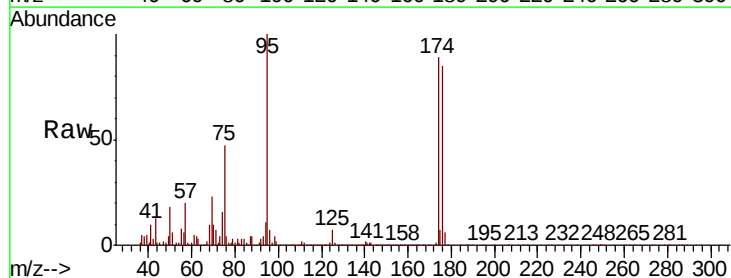
Instrument :
MSVOA_X
ClientSampleId :
WP022SB455_191227-14-16ME

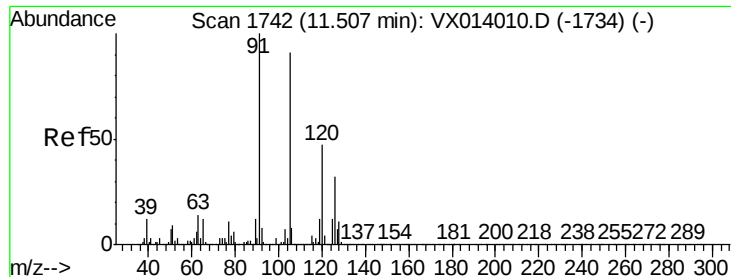
Tot Ion: 91 Resp: 5374
Ion Ratio Lower Upper
91 100
126 32.3 17.2 51.6



#81
trans-1,4-Dichloro-2-butene
Concen: 57.915 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.07 min
Lab File: VX014404.D
Acq: 03 Jan 2020 16:37

Tgt Ion: 75 Resp: 166352
Ion Ratio Lower Upper
75 100
53 0.0 76.7 115.1#
89 0.4 34.6 51.8#





#82

4-Chlorotoluene

Concen: 0.204 ug/l

RT: 11.53 min Scan# 1746

Delta R.T. 0.02 min

Lab File: VX014404.D

Acq: 03 Jan 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

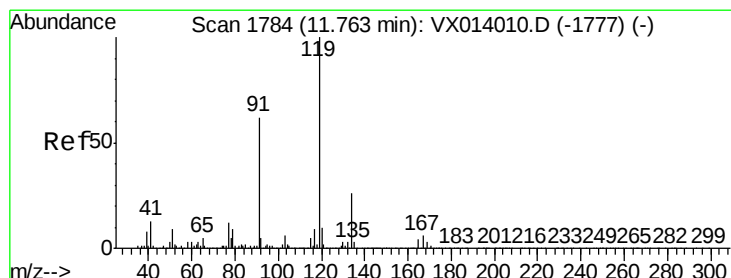
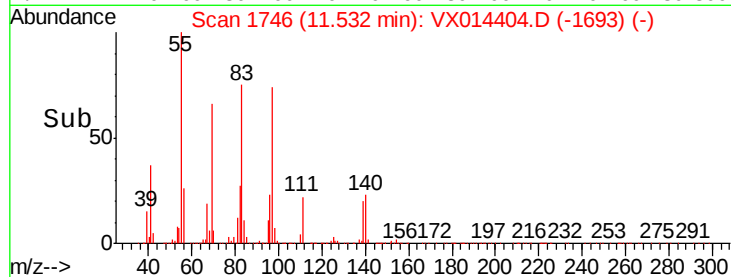
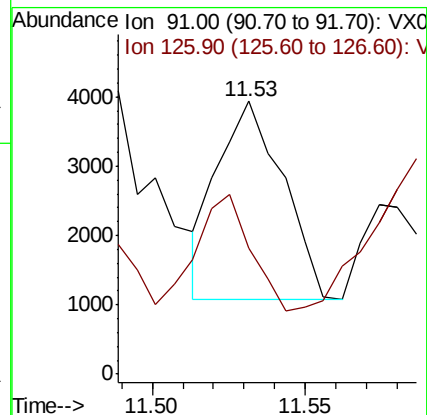
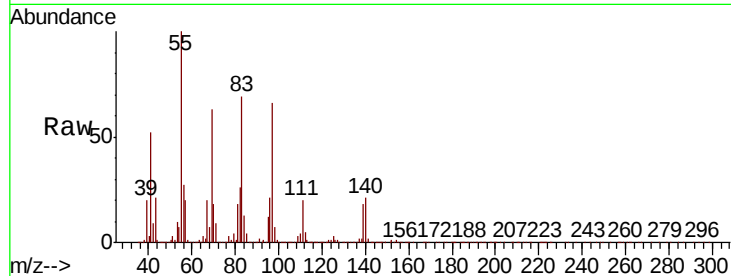
WP022SB455_191227-14-16ME

Tot Ion: 91 Resp: 4238

Ion Ratio Lower Upper

91 100

126 64.7 15.6 46.8#



#83

tert-Butylbenzene

Concen: 1.619 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX014404.D

Acq: 03 Jan 2020 16:37

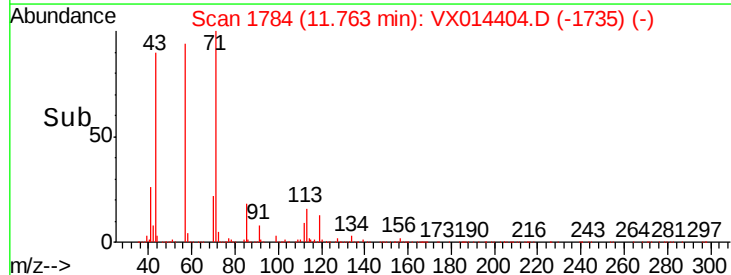
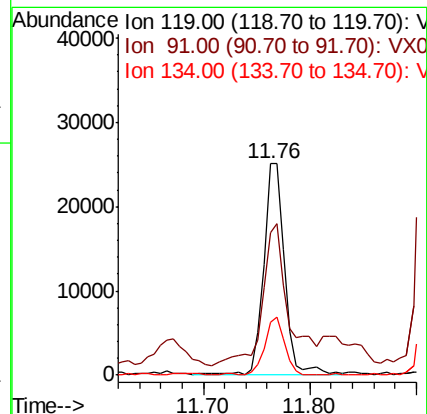
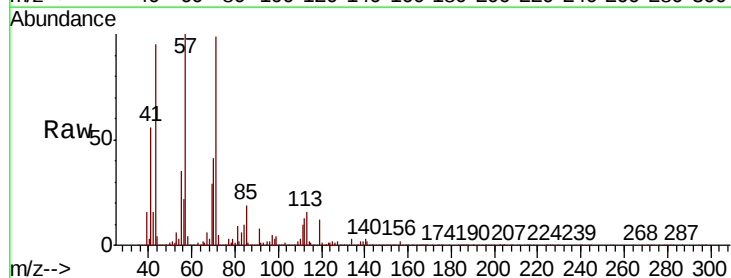
Tgt Ion: 119 Resp: 34859

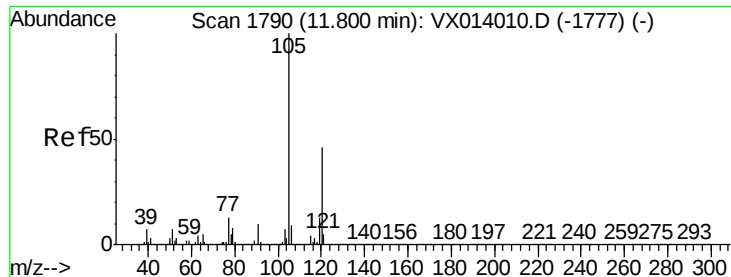
Ion Ratio Lower Upper

119 100

91 80.9 28.5 85.6

134 25.0 12.2 36.6

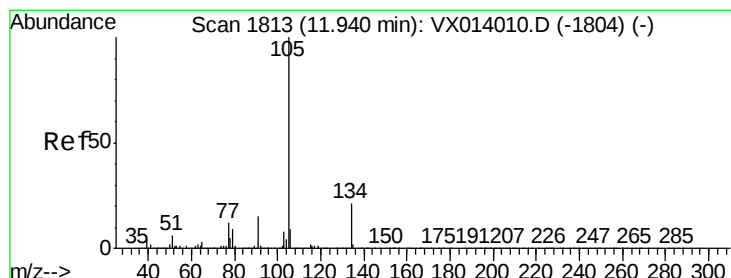
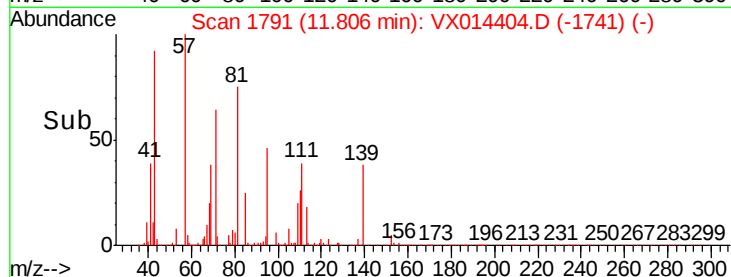
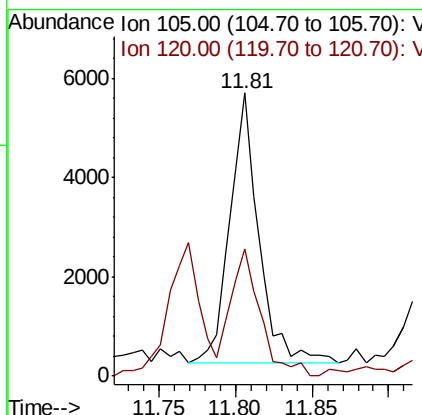
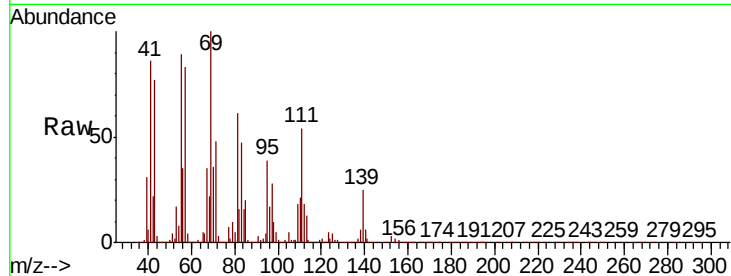




#84
1,2,4-Trimethylbenzene
Concen: 0.320 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.01 min
Lab File: VX014404.D
Acq: 03 Jan 2020 16:37

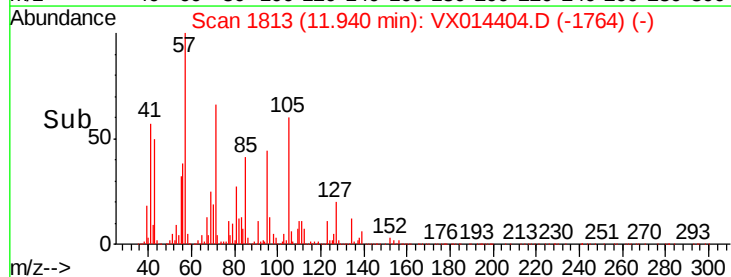
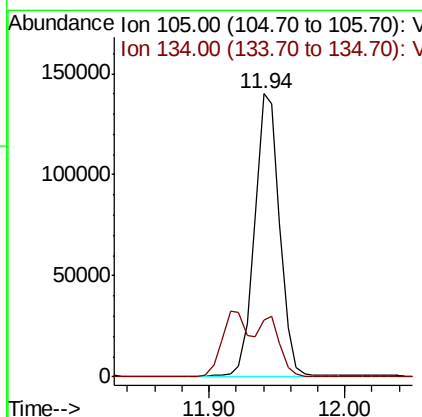
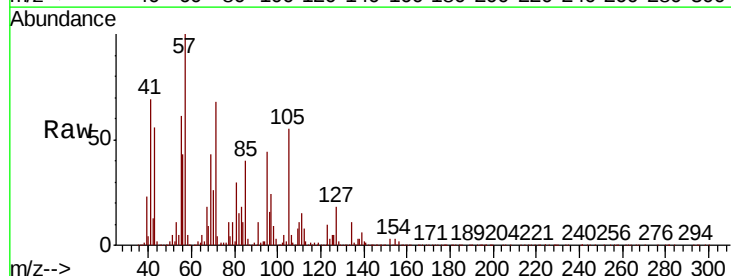
Instrument :
MSVOA_X
ClientSampleId :
WP022SB455_191227-14-16ME

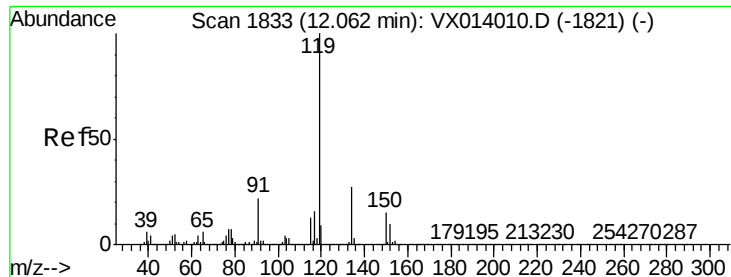
Tot Ion:105 Resp: 7100
Ion Ratio Lower Upper
105 100
120 48.6 23.1 69.2



#85
sec-Butylbenzene
Concen: 7.106 ug/l
RT: 11.94 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VX014404.D
Acq: 03 Jan 2020 16:37

Tgt Ion:105 Resp: 180640
Ion Ratio Lower Upper
105 100
134 16.4 10.4 31.1

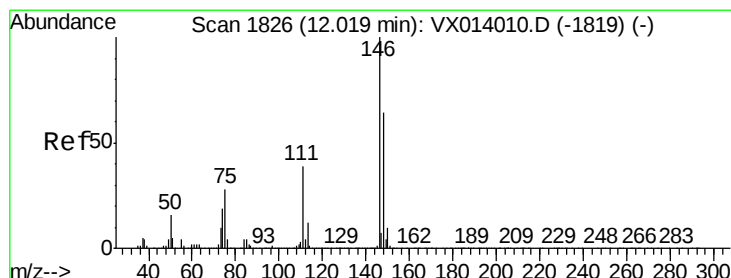
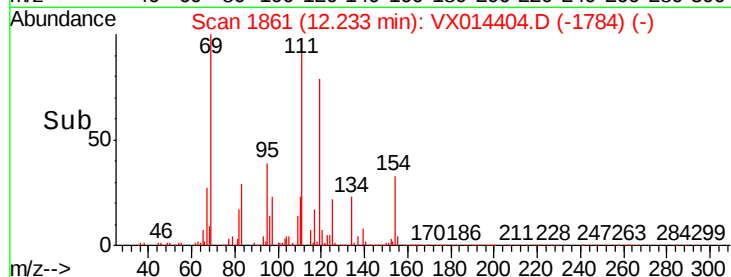
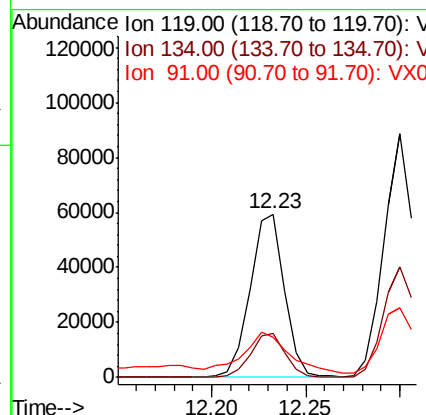
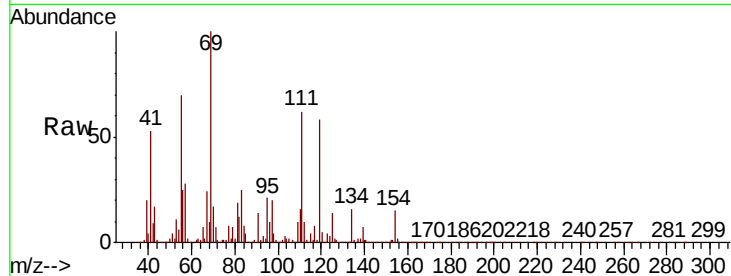




#86
p-Isopropyltoluene
Concen: 3.204 ug/l
RT: 12.23 min Scan# 1861
Delta R.T. 0.17 min
Lab File: VX014404.D
Acq: 03 Jan 2020 16:37

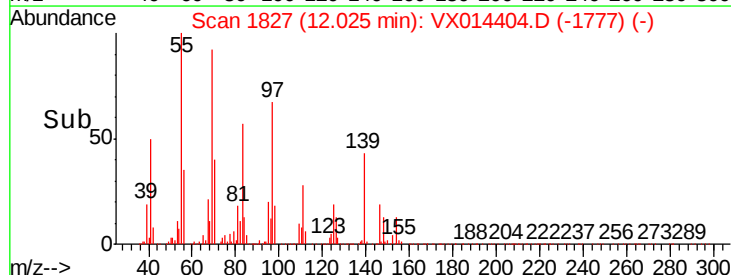
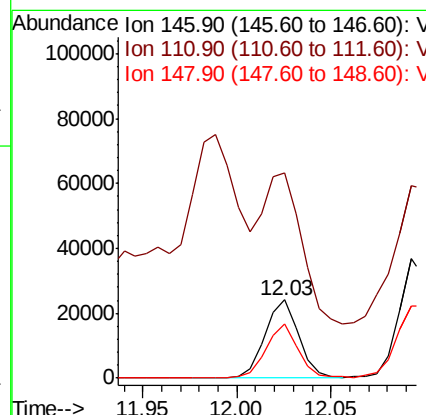
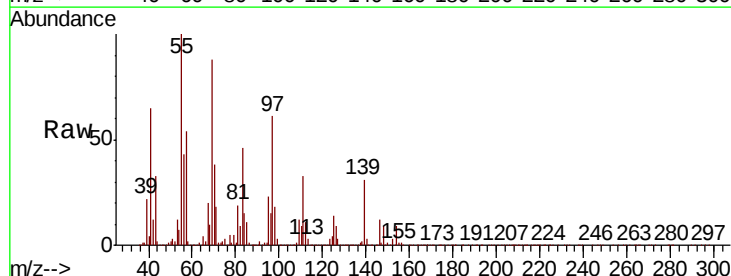
Instrument :
MSVOA_X
ClientSampleId :
WP022SB455_191227-14-16ME

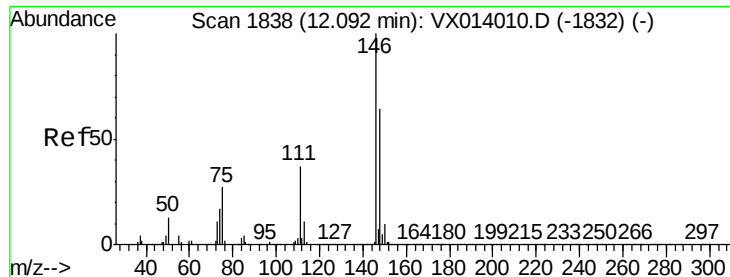
Tot Ion:119 Resp: 74504
Ion Ratio Lower Upper
119 100
134 27.6 13.4 40.1
91 33.5 11.4 34.1



#87
1,3-Dichlorobenzene
Concen: 2.351 ug/l
RT: 12.03 min Scan# 1827
Delta R.T. 0.01 min
Lab File: VX014404.D
Acq: 03 Jan 2020 16:37

Tgt Ion:146 Resp: 29810
Ion Ratio Lower Upper
146 100
111 224.3 19.1 57.1#
148 65.9 32.3 96.9

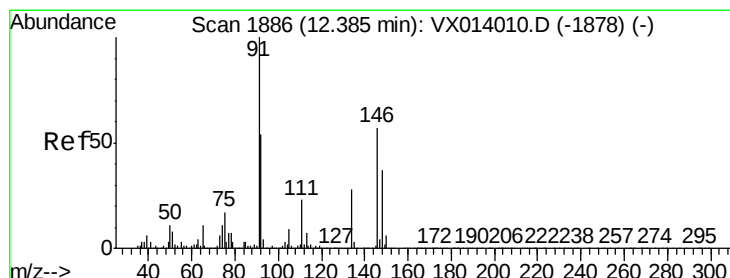
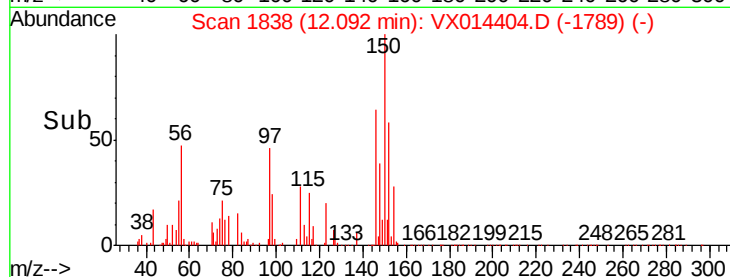
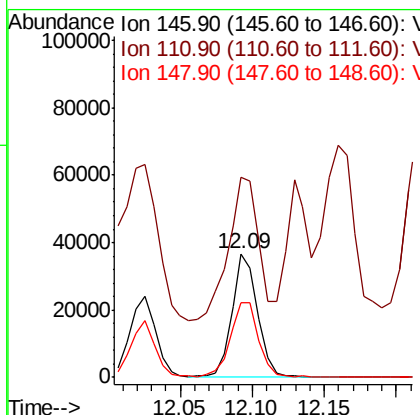
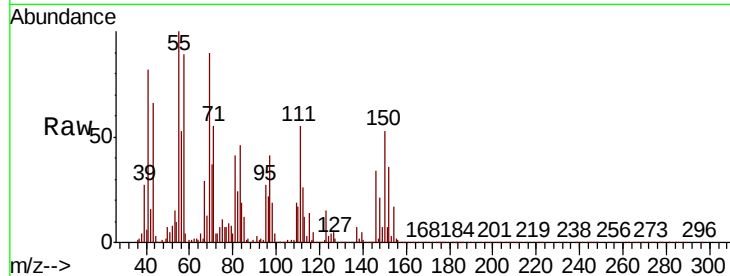




#88
 1,4-Dichlorobenzene
 Concen: 3.544 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014404.D
 Acq: 03 Jan 2020 16:37

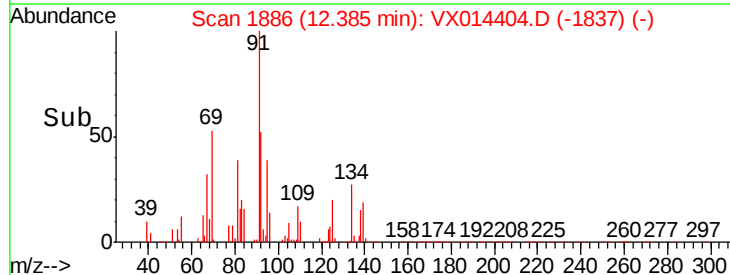
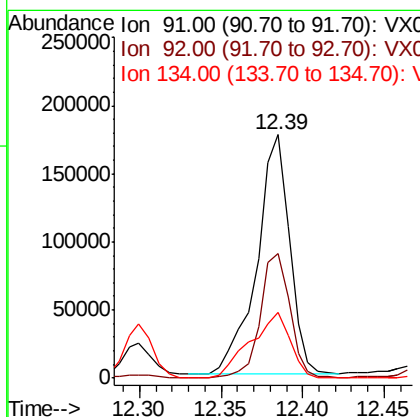
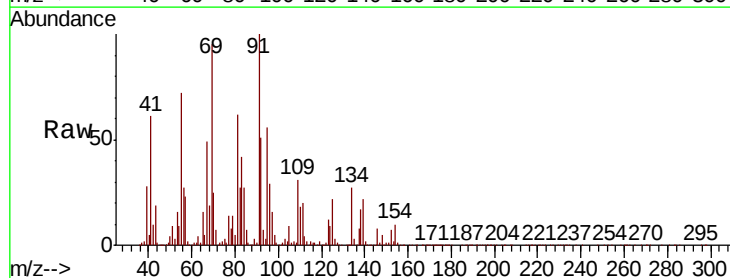
Instrument :
 MSVOA_X
 ClientSampleId :
 WP022SB455_191227-14-16ME

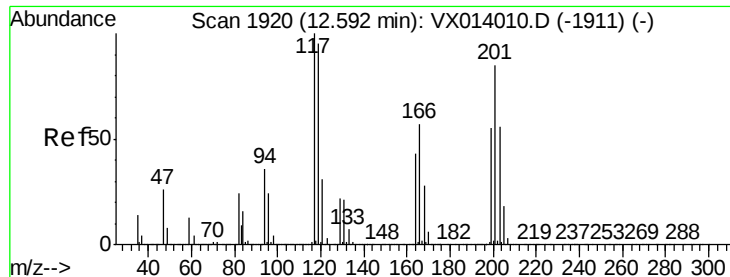
Tot Ion:146 Resp: 45685
 Ion Ratio Lower Upper
 146 100
 111 146.2 18.7 56.1#
 148 66.5 31.9 95.9



#89
 n-Butylbenzene
 Concen: 12.406 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014404.D
 Acq: 03 Jan 2020 16:37

Tgt Ion: 91 Resp: 246157
 Ion Ratio Lower Upper
 91 100
 92 46.5 27.2 81.6
 134 33.0 13.4 40.1





#90

Hexachloroethane

Concen: 1.957 ug/l

RT: 12.59 min Scan# 1919

Delta R.T. -0.01 min

Lab File: VX014404.D

Acq: 03 Jan 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

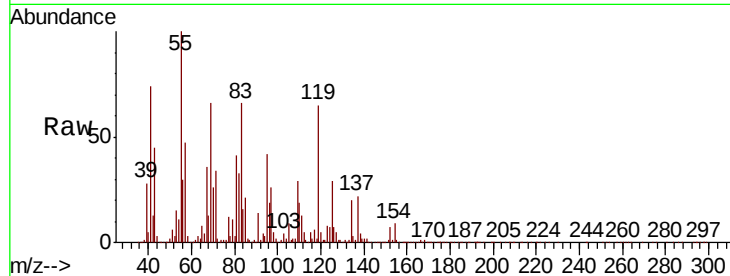
WP022SB455_191227-14-16ME

Tot Ion:117 Resp: 8173

Ion Ratio Lower Upper

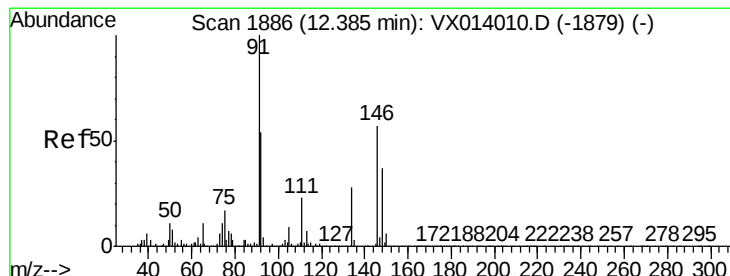
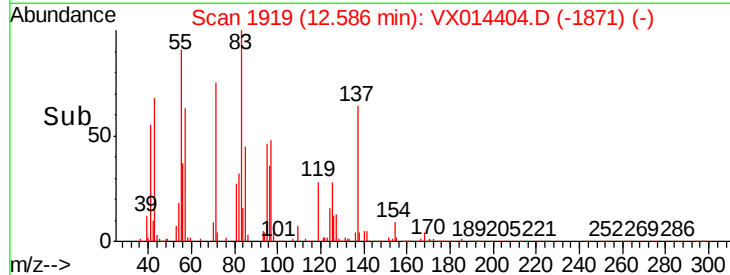
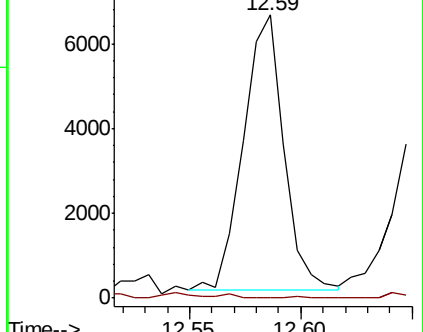
117 100

201 0.3 43.1 129.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 1.647 ug/l

RT: 12.39 min Scan# 1887

Delta R.T. 0.01 min

Lab File: VX014404.D

Acq: 03 Jan 2020 16:37

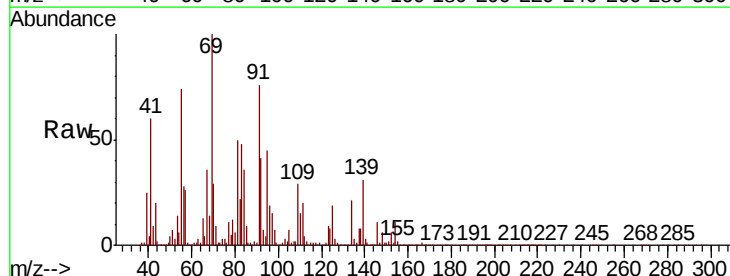
Tgt Ion:146 Resp: 21019

Ion Ratio Lower Upper

146 100

111 210.1 19.7 59.1#

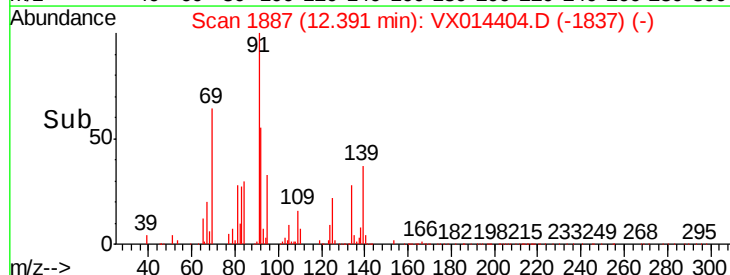
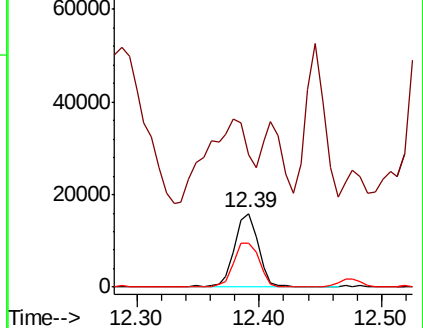
148 66.0 32.1 96.5

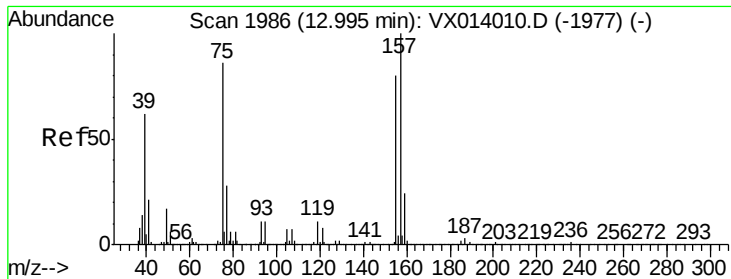


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

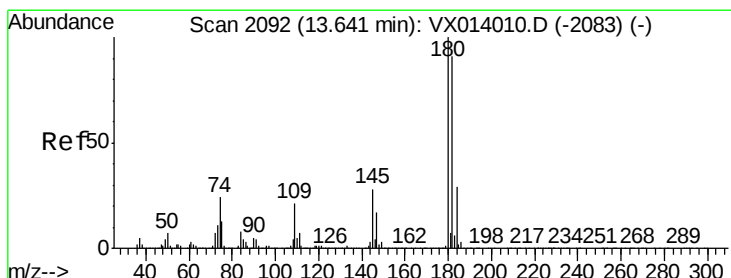
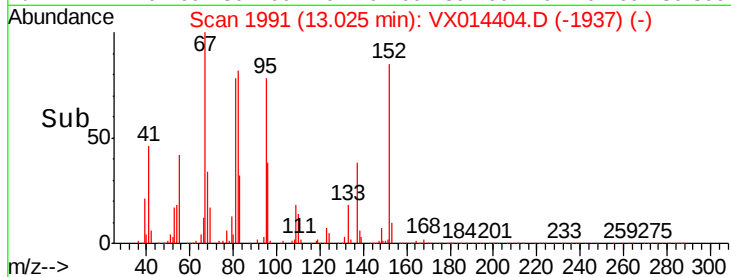
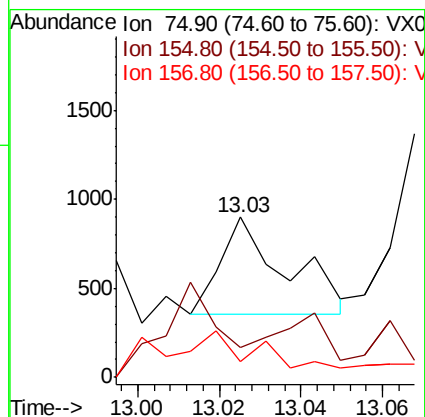
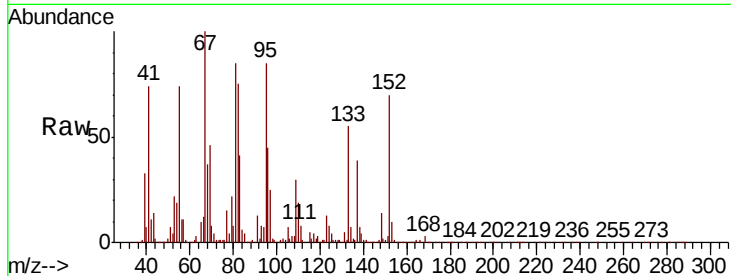




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.301 ug/l
 RT: 13.03 min Scan# 1991
 Delta R.T. 0.03 min
 Lab File: VX014404.D
 Acq: 03 Jan 2020 16:37

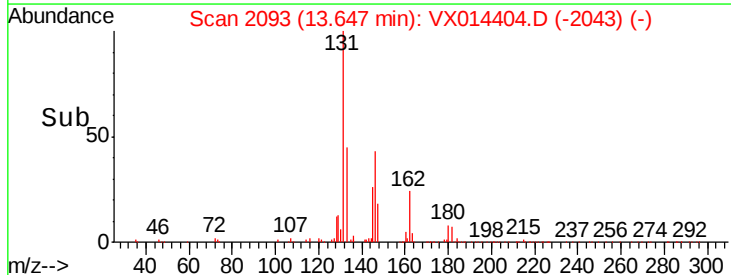
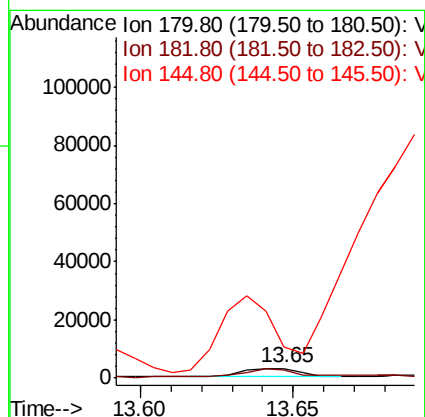
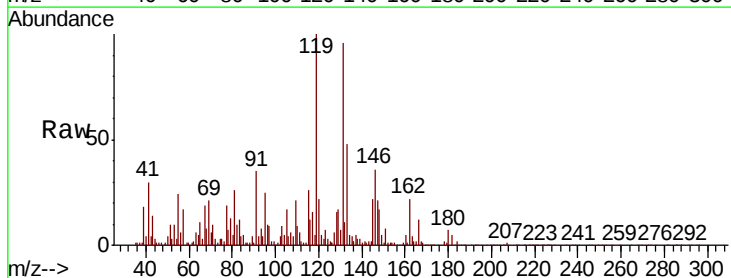
Instrument :
 MSVOA_X
 ClientSampleId :
 WP022SB455_191227-14-16ME

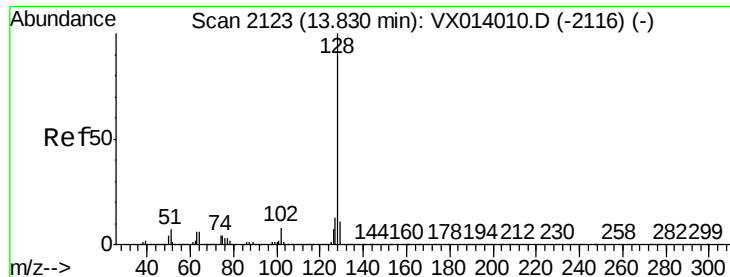
Tot Ion: 75 Resp: 608
 Ion Ratio Lower Upper
 75 100
 155 84.9 46.9 140.6
 157 74.3 60.8 182.4



#93
 1,2,4-Trichlorobenzene
 Concen: 0.460 ug/l
 RT: 13.65 min Scan# 2093
 Delta R.T. 0.01 min
 Lab File: VX014404.D
 Acq: 03 Jan 2020 16:37

Tgt Ion:180 Resp: 3817
 Ion Ratio Lower Upper
 180 100
 182 116.9 46.6 139.8
 145 970.7 14.2 42.6#

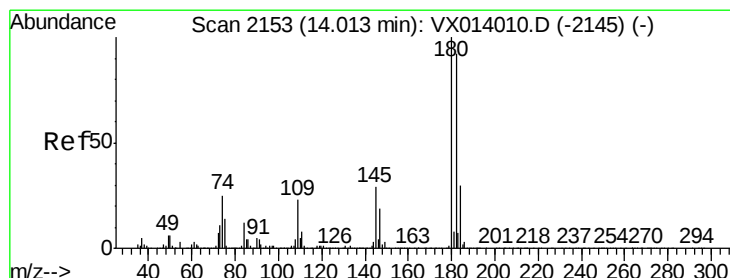
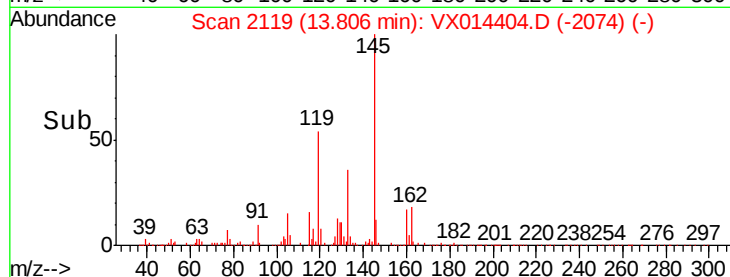
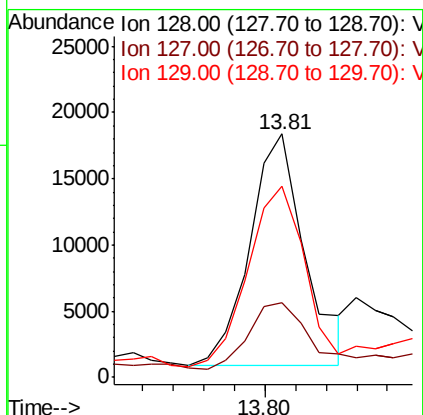
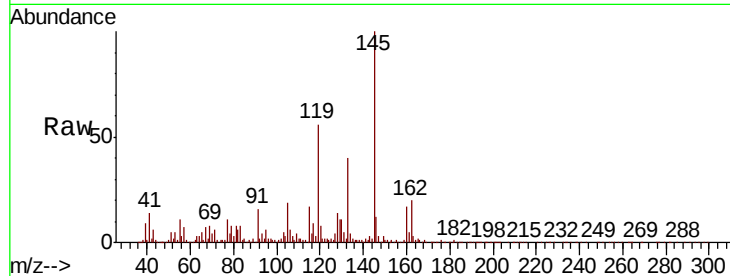




#95
Naphthalene
Concen: 0.893 ug/l
RT: 13.81 min Scan# 2119
Delta R.T. -0.02 min
Lab File: VX014404.D
Acq: 03 Jan 2020 16:37

Instrument :
MSVOA_X
ClientSampleId :
WP022SB455_191227-14-16ME

Tot Ion	Ratio	Lower	Upper
128	100		
127	33.0	10.2	15.4#
129	85.7	8.7	13.1#



#96
1,2,3-Trichlorobenzene
Concen: 0.264 ug/l
RT: 13.98 min Scan# 2147
Delta R.T. -0.04 min
Lab File: VX014404.D
Acq: 03 Jan 2020 16:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	25.4	46.8	140.3#
145	1540.7	14.8	44.4#

