

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080818\
 Data File : VX003936.D
 Acq On : 08 Aug 2018 20:51
 Operator : JC/MD
 Sample : J4387-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0555

Quant Time: Aug 09 03:17:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 07:45:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	343837	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	536280	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	503080	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	292984	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	217501	47.72	ug/l	0.00
Spiked Amount			Recovery	=	95.44%	
35) Dibromofluoromethane	5.51	113	187320	46.11	ug/l	0.00
Spiked Amount			Recovery	=	92.22%	
50) Toluene-d8	8.73	98	774215	49.00	ug/l	0.00
Spiked Amount			Recovery	=	98.00%	
62) 4-Bromofluorobenzene	11.14	95	288755	56.48	ug/l	0.00
Spiked Amount			Recovery	=	112.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.30	50	16040	3.38	ug/l	# 67
5) Bromomethane	1.64	94	657	Below	Cal	# 83
11) Tert butyl alcohol	3.07	59	1263	1.15	ug/l	# 73
13) Acrolein	2.26	56	5809	3.65	ug/l	# 1
14) Allyl chloride	2.84	41	124405	17.49	ug/l	# 77
15) Acrylonitrile	3.17	53	37576	14.38	ug/l	# 40
16) Acetone	2.45	43	29787	10.99	ug/l	100
17) Carbon Disulfide	2.57	76	2173	0.64	ug/l	99
18) Methyl Acetate	2.84	43	307130	52.02	ug/l	# 52
20) Methylene Chloride	2.84	84	585	Below	Cal	# 1
25) 2-Butanone	4.71	43	21241	5.21	ug/l	98
26) 2,2-Dichloropropane	4.40	77	33004	5.89	ug/l	# 51
29) Tetrahydrofuran	5.24	42	3708	1.77	ug/l	# 1
30) Chloroform	5.29	83	6298	0.86	ug/l	# 57
31) Cyclohexane	5.58	56	3469902	528.21	ug/l	99
36) 1,1-Dichloropropene	5.66	75	23217	3.87	ug/l	# 45
37) Ethyl Acetate	4.71	43	21241	3.21	ug/l	# 67
38) Carbon Tetrachloride	5.67	117	30587	5.35	ug/l	# 14
39) Methylcyclohexane	7.46	83	2524544	356.49	ug/l	98
40) Benzene	6.15	78	139382	7.73	ug/l	99
41) Methacrylonitrile	5.07	41	1283	0.35	ug/l	# 42
43) Isopropyl Acetate	6.45	43	29932	3.01	ug/l	# 62
45) 1,2-Dichloropropane	7.46	63	20449	4.39	ug/l	# 1
47) Bromodichloromethane	7.85	83	2539	0.45	ug/l	# 1
48) Methyl methacrylate	7.73	41	94334	18.66	ug/l	# 46
51) 4-Methyl-2-Pentanone	8.82	43	935544	113.52	ug/l	# 34
53) t-1,3-Dichloropropene	8.82	75	829322	128.81	ug/l	# 1
55) 1,1,2-Trichloroethane	9.16	97	66407	14.26	ug/l	# 19
56) Ethyl methacrylate	9.16	69	14458	2.14	ug/l	# 1
67) Ethyl Benzene	10.26	91	16119588	752.26	ug/l	# 54
68) m/p-Xylenes	10.37	106	18870201	2253.72	ug/l	# 1
69) o-Xylene	10.71	106	12807699	1620.42	ug/l	54
70) Styrene	10.71	104	760638	58.78	ug/l	# 1
73) Isopropylbenzene	11.02	105	1932409	89.16	ug/l	96

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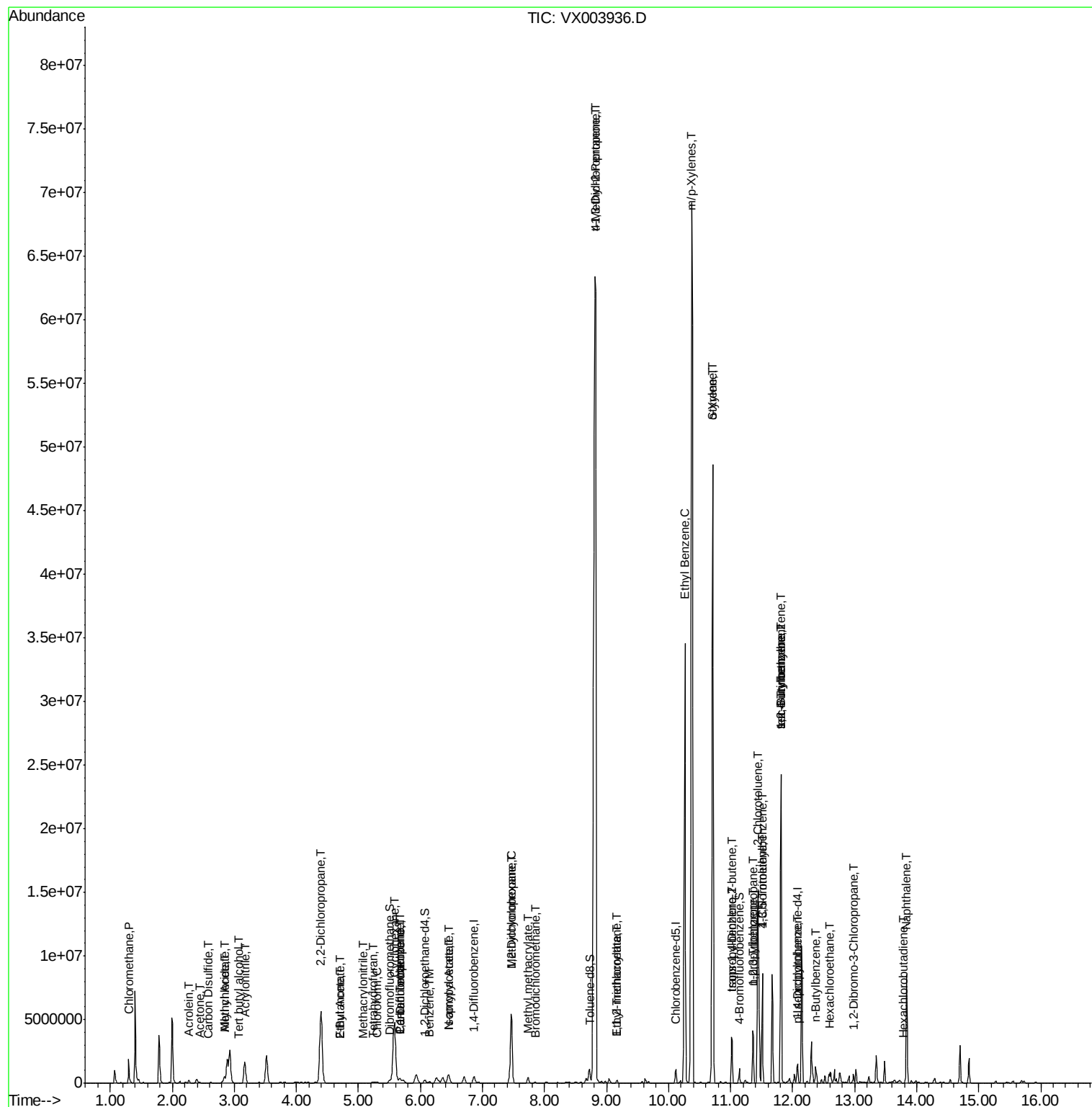
74) N-amyl acetate	6.45	43	29932	2.66	ug/l #	58
76) 1,2,3-Trichloropropane	11.36	75	14070	2.17	ug/l #	1
78) n-propylbenzene	11.36	91	2534081	104.12	ug/l	100
79) 2-Chlorotoluene	11.44	91	1253325	84.46	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.51	105	3728076	210.95	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.02	75	20720	10.54	ug/l #	68
82) 4-Chlorotoluene	11.51	91	382348	21.99	ug/l #	44
83) tert-Butylbenzene	11.81	119	1501149	86.34	ug/l #	60
84) 1,2,4-Trimethylbenzene	11.81	105	10062650	566.26	ug/l	90
85) sec-Butylbenzene	11.81	105	10062650	490.42	ug/l #	56
86) p-Isopropyltoluene	12.07	119	183736	9.98	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	591	Below	Cal #	1
89) n-Butylbenzene	12.38	91	206819	12.89	ug/l #	25
90) Hexachloroethane	12.59	117	29496	9.87	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	12.98	75	2368	1.56	ug/l #	1
94) Hexachlorobutadiene	13.79	225	280	0.51	ug/l	85
95) Naphthalene	13.83	128	5397983	247.36	ug/l	99

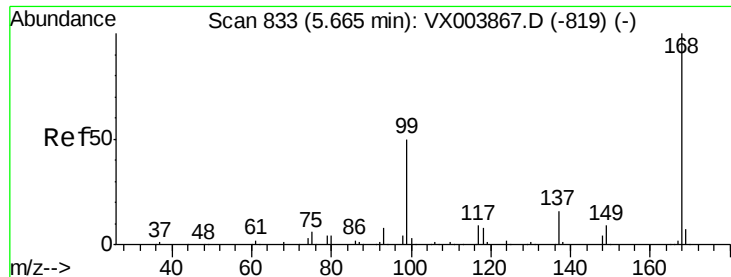
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003936.D

Acq: 08 Aug 2018 20:51

Instrument :

MSVOA_X

ClientSampleId :

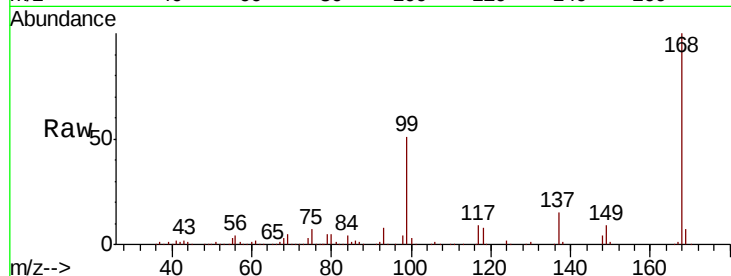
FL-0555

Tot Ion:168 Resp: 343837

Ion Ratio Lower Upper

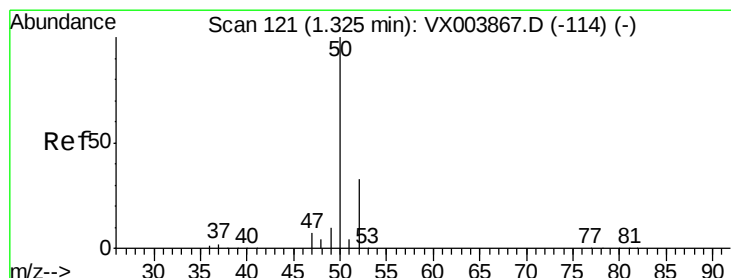
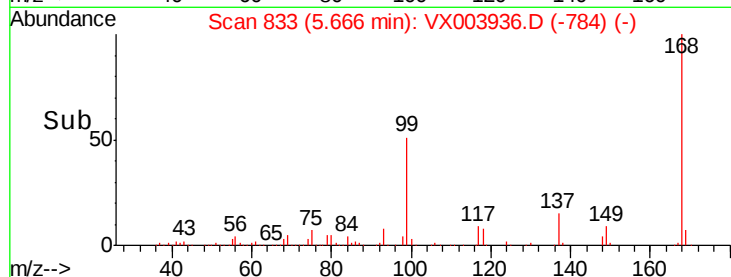
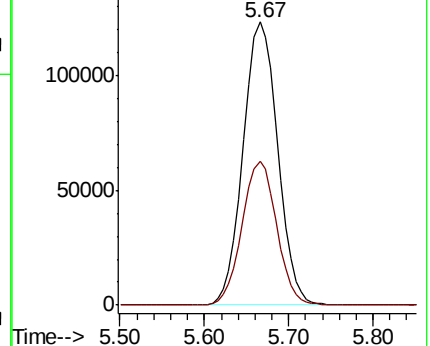
168 100

99 50.9 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 3.38 ug/l

RT: 1.30 min Scan# 117

Delta R.T. -0.02 min

Lab File: VX003936.D

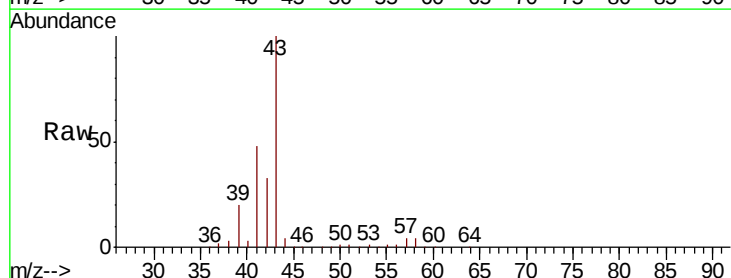
Acq: 08 Aug 2018 20:51

Tgt Ion: 50 Resp: 16040

Ion Ratio Lower Upper

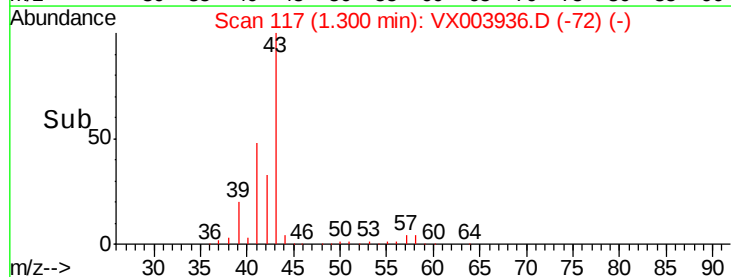
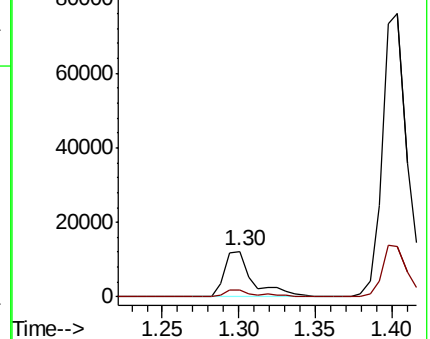
50 100

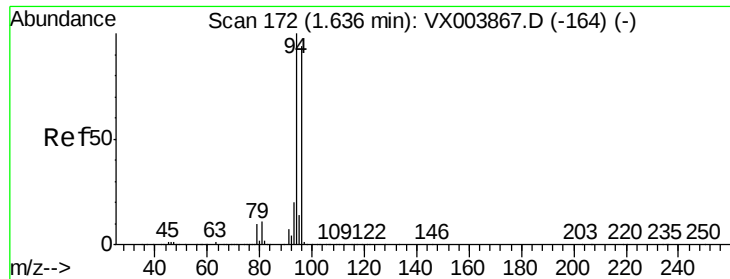
52 14.5 26.6 39.8#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX003936.D

Acq: 08 Aug 2018 20:51

Instrument :

MSVOA_X

ClientSampleId :

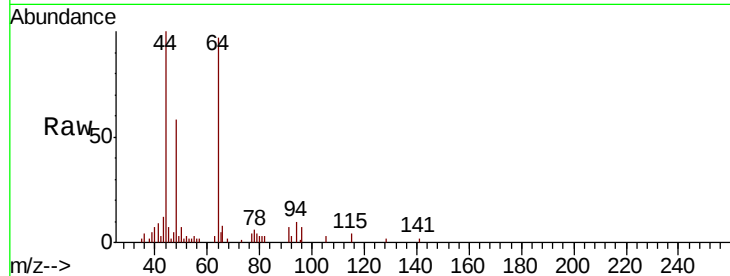
FL-0555

Tot Ion: 94 Resp: 657

Ion Ratio Lower Upper

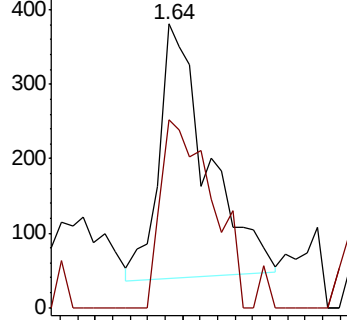
94 100

96 77.1 75.2 112.8

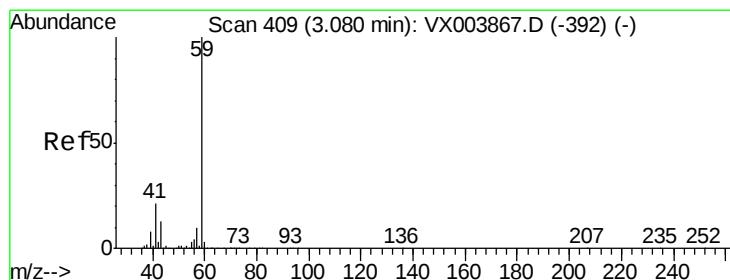
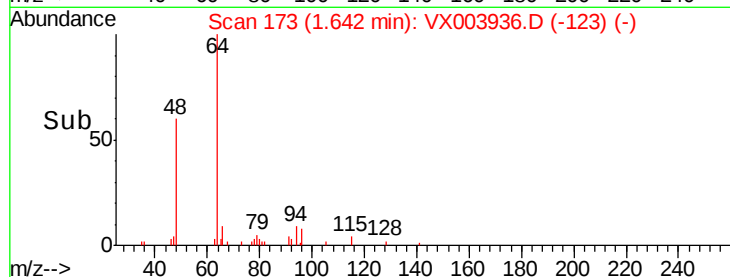


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



Time-->



#11

Tert butyl alcohol

Concen: 1.15 ug/l

RT: 3.07 min Scan# 408

Delta R.T. -0.01 min

Lab File: VX003936.D

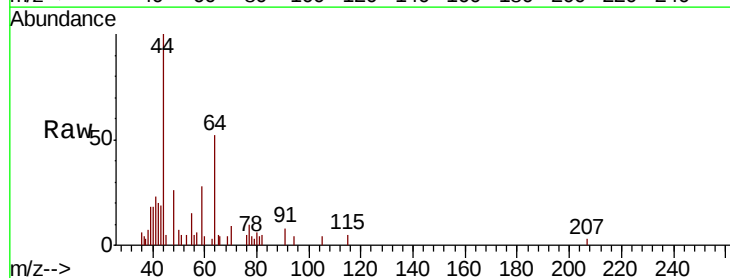
Acq: 08 Aug 2018 20:51

Tgt Ion: 59 Resp: 1263

Ion Ratio Lower Upper

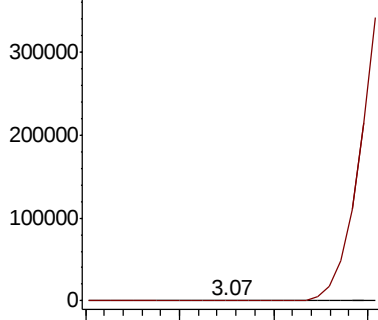
59 100

57 0.0 8.1 12.1#

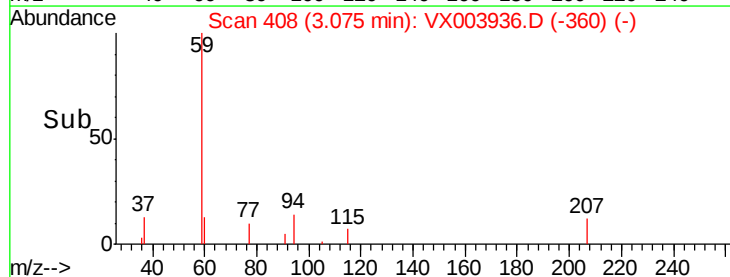


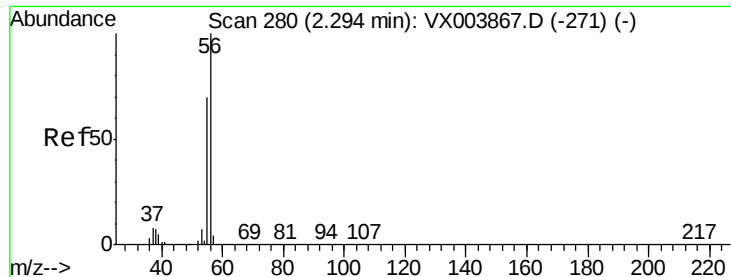
Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



Time-->





#13

Acrolein

Concen: 3.65 ug/l

RT: 2.26 min Scan# 275

Delta R.T. -0.03 min

Lab File: VX003936.D

Acq: 08 Aug 2018 20:51

Instrument :

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ClientSampleId :

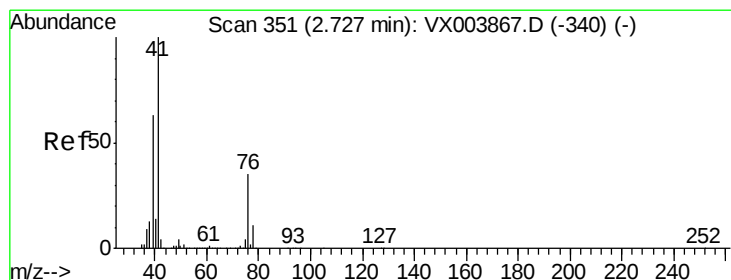
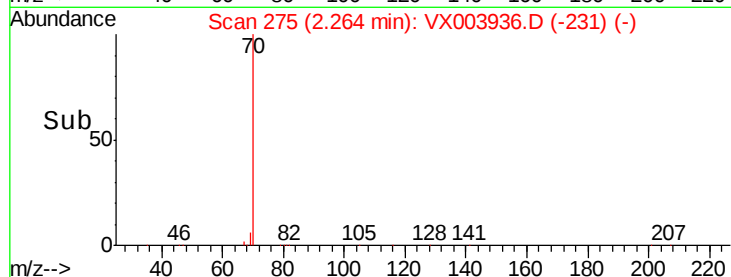
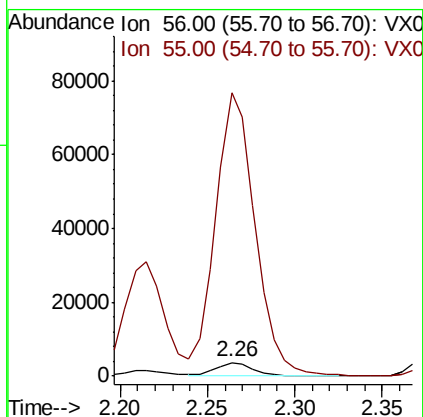
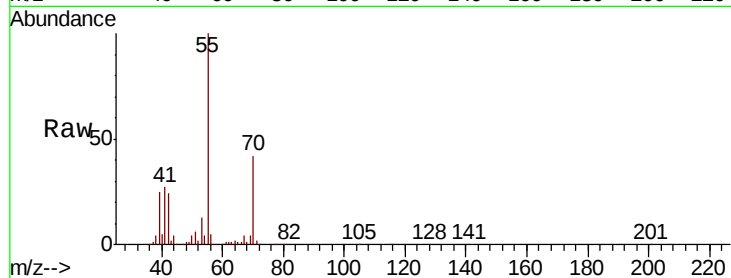
FL-0555

Tot Ion: 56 Resp: 5809

Ion Ratio Lower Upper

56 100

55 2069.7 56.1 84.1#



#14

Allyl chloride

Concen: 17.49 ug/l

RT: 2.84 min Scan# 370

Delta R.T. 0.12 min

Lab File: VX003936.D

Acq: 08 Aug 2018 20:51

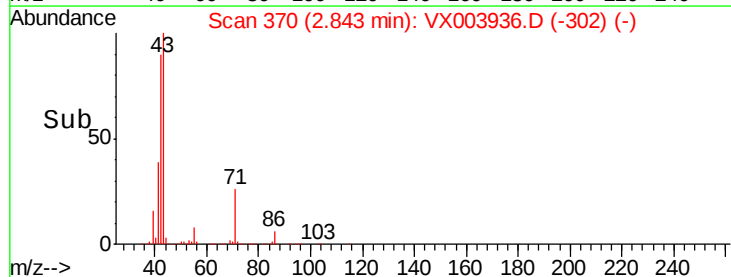
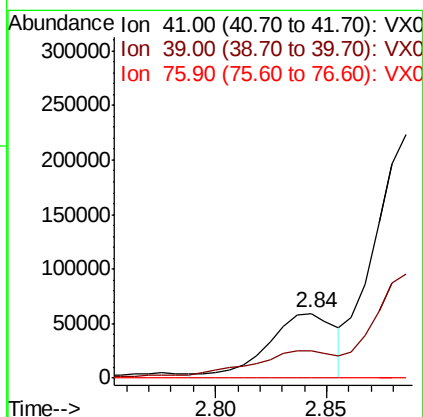
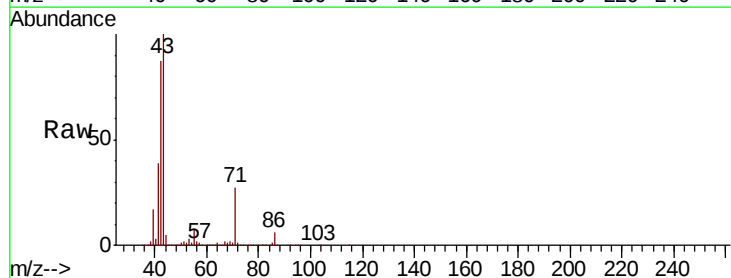
Tgt Ion: 41 Resp: 124405

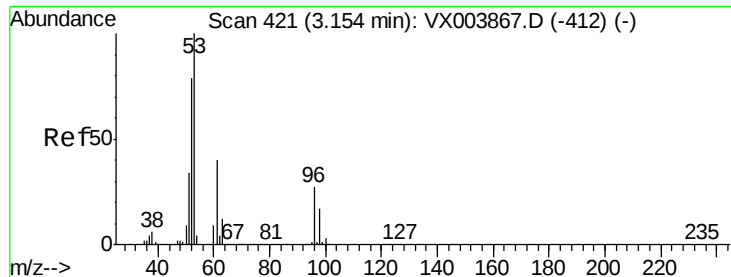
Ion Ratio Lower Upper

41 100

39 56.8 47.4 71.0

76 0.0 26.0 39.0#





#15

Acrylonitrile

Concen: 14.38 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.01 min

Lab File: VX003936.D

Acq: 08 Aug 2018 20:51

Instrument :

MSVOA_X

ClientSampleId :

FL-0555

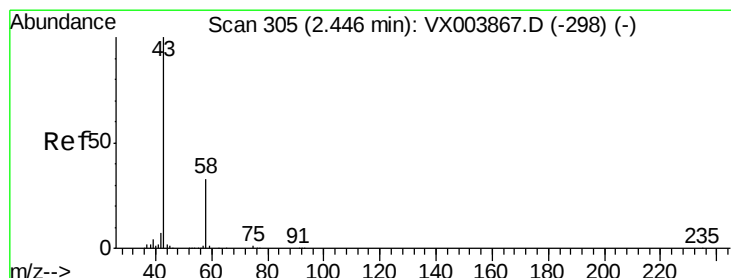
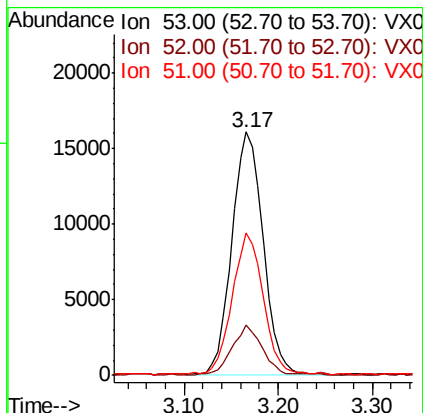
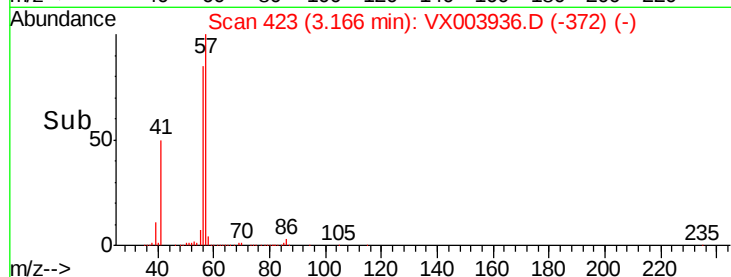
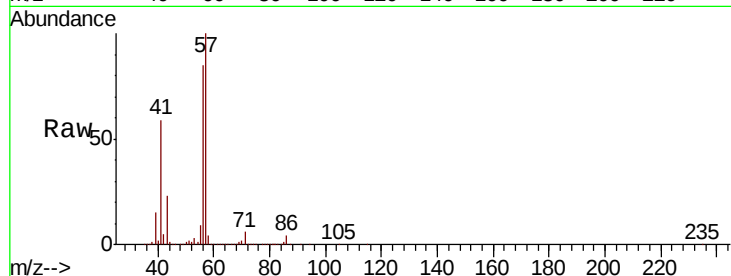
Tot Ion: 53 Resp: 37576

Ion Ratio Lower Upper

53 100

52 19.9 65.3 97.9#

51 56.4 27.9 41.9#



#16

Acetone

Concen: 10.99 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003936.D

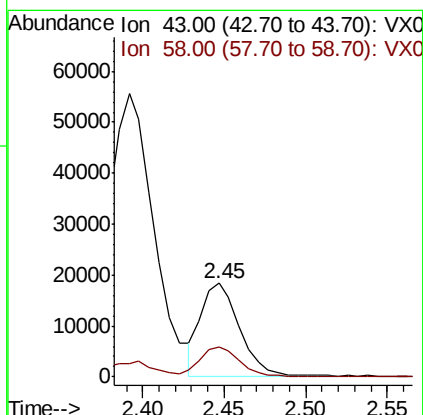
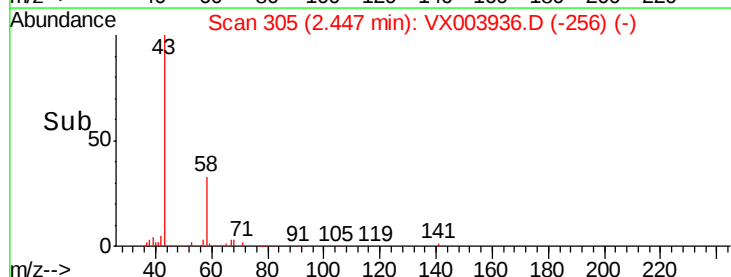
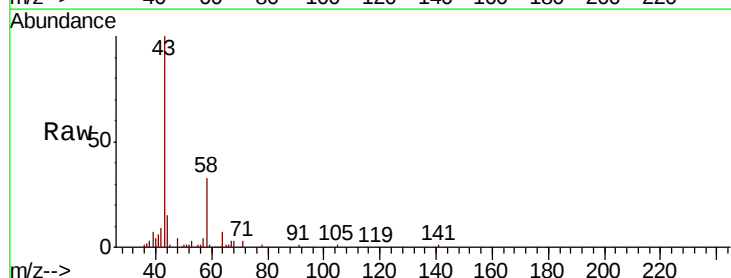
Acq: 08 Aug 2018 20:51

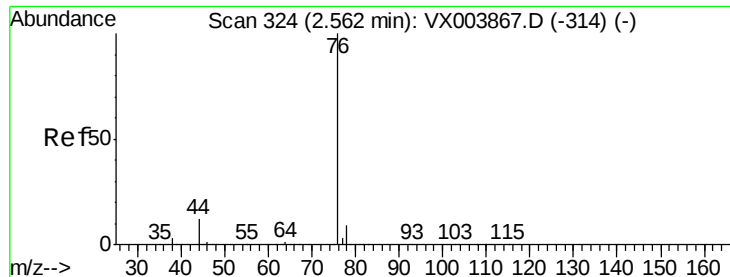
Tgt Ion: 43 Resp: 29787

Ion Ratio Lower Upper

43 100

58 32.9 26.4 39.6

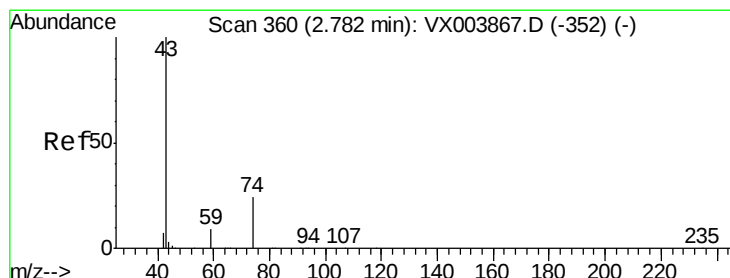
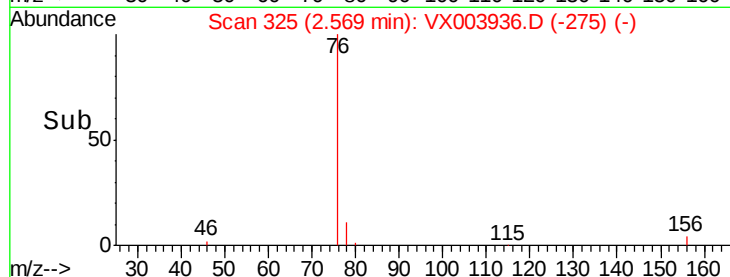
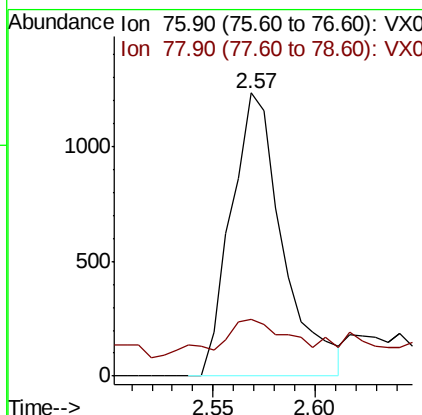
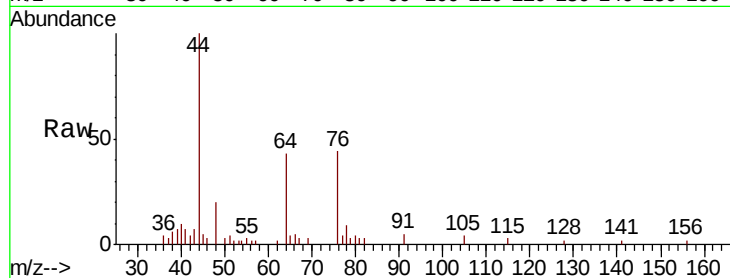




#17
Carbon Disulfide
Concen: 0.64 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.01 min
Lab File: VX003936.D
Acq: 08 Aug 2018 20:51

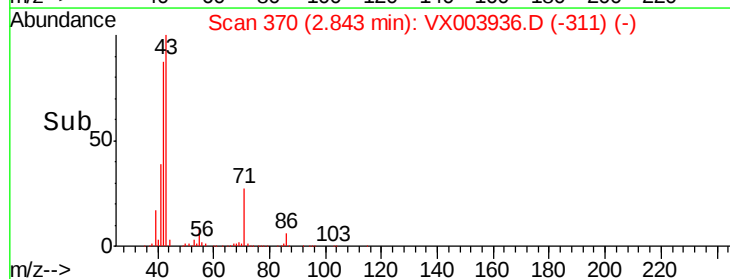
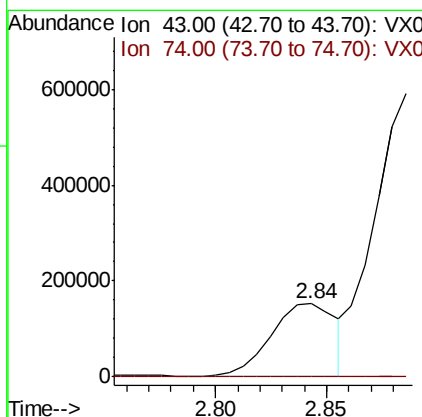
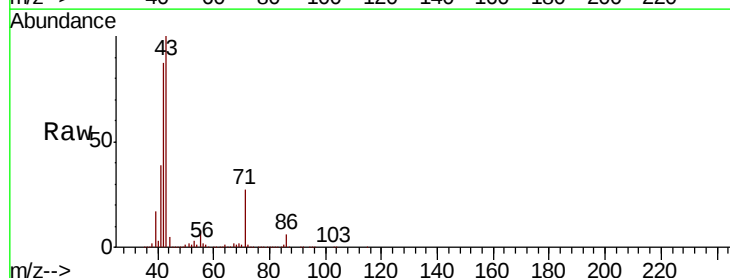
Instrument :
MSVOA_X
ClientSampled :
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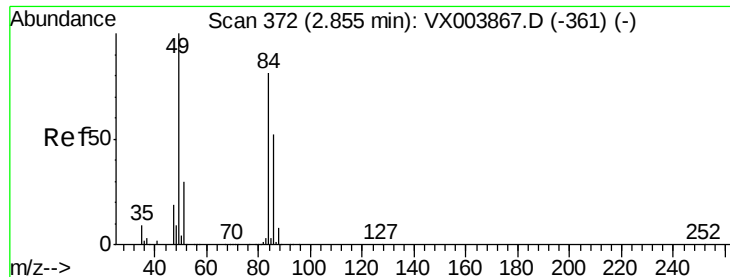
Tot Ion: 76 Resp: 2173
Ion Ratio Lower Upper
76 100
78 9.7 7.5 11.3



#18
Methyl Acetate
Concen: 52.02 ug/l
RT: 2.84 min Scan# 370
Delta R.T. 0.06 min
Lab File: VX003936.D
Acq: 08 Aug 2018 20:51

Tgt Ion: 43 Resp: 307130
Ion Ratio Lower Upper
43 100
74 0.0 18.9 28.3#

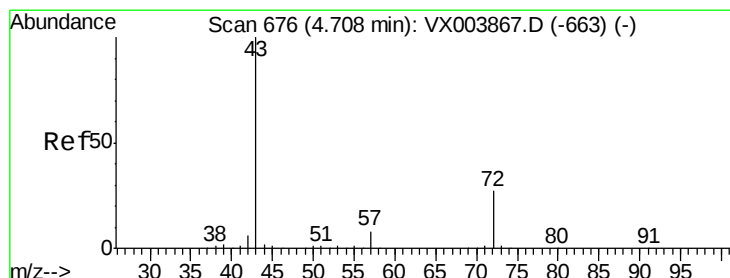
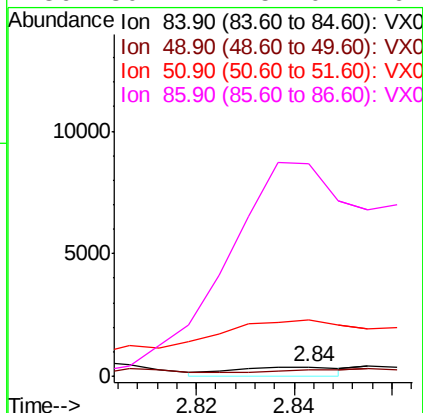
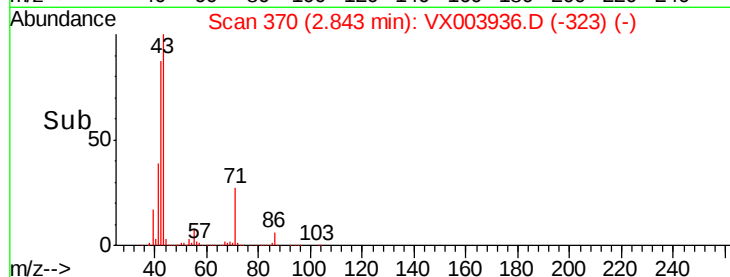
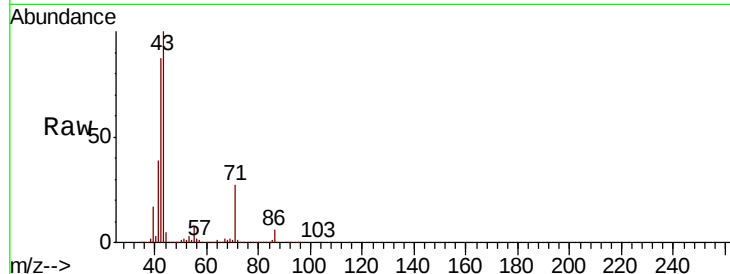




#20
Methvlene Chloride
Concen: Below Cal
RT: 2.84 min Scan# 370
Delta R.T. -0.01 min
Lab File: VX003936.D
Acq: 08 Aug 2018 20:51

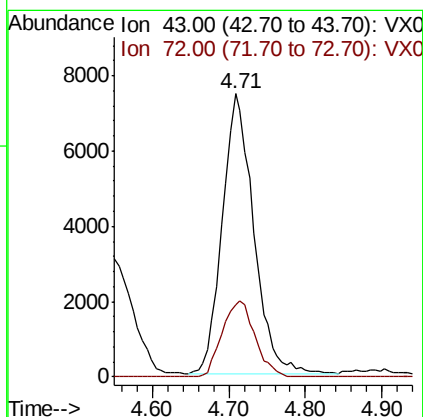
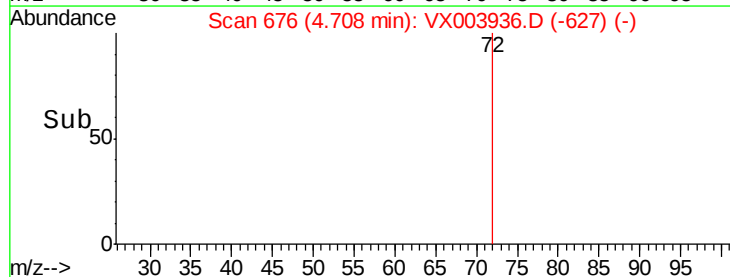
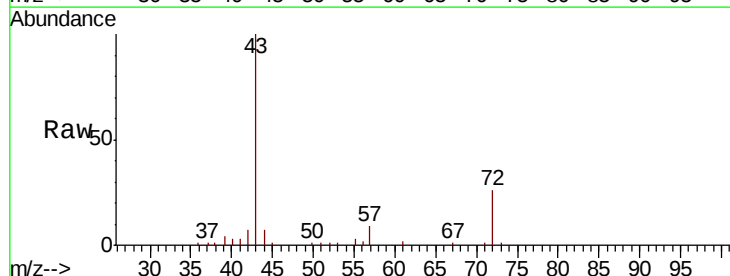
Instrument :
MSVOA_X
ClientSampleId :
FL-0555

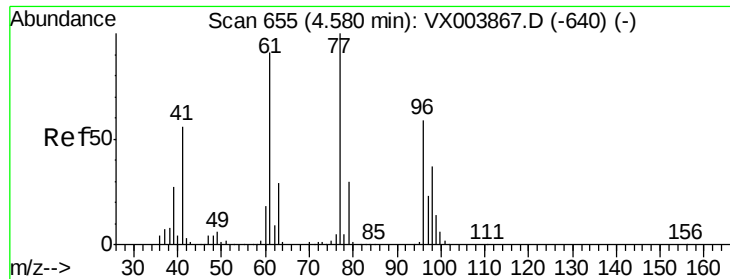
Tot Ion: 84 Resp: 585
Ion Ratio Lower Upper
84 100
49 58.1 98.9 148.3#
51 412.1 29.9 44.9#
86 3044.7 51.0 76.6#



#25
2-Butanone
Concen: 5.21 ug/l
RT: 4.71 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX003936.D
Acq: 08 Aug 2018 20:51

Tgt Ion: 43 Resp: 21241
Ion Ratio Lower Upper
43 100
72 25.9 21.4 32.0





#26

2,2-Dichloropropane

Concen: 5.89 ug/l

RT: 4.40 min Scan# 625

Delta R.T. -0.18 min

Lab File: VX003936.D

Acq: 08 Aug 2018 20:51

Instrument :

MSVOA_X

ClientSampled :

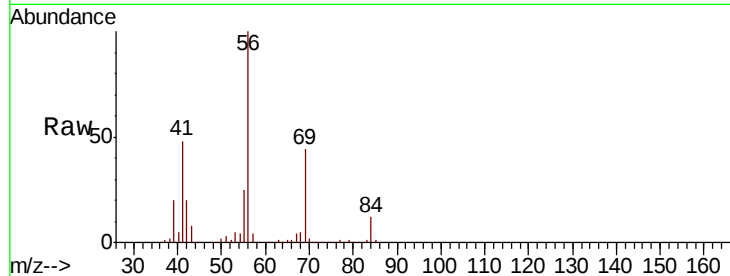
FL-0555

Tot Ion: 77 Resp: 33004

Ion Ratio Lower Upper

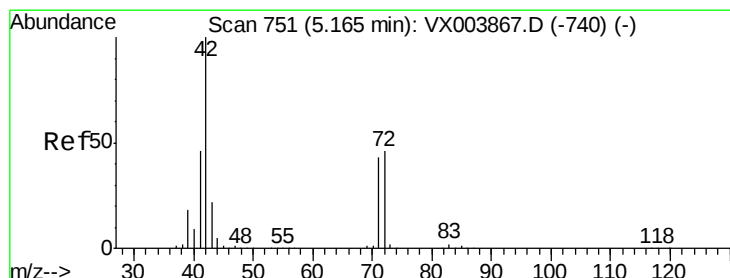
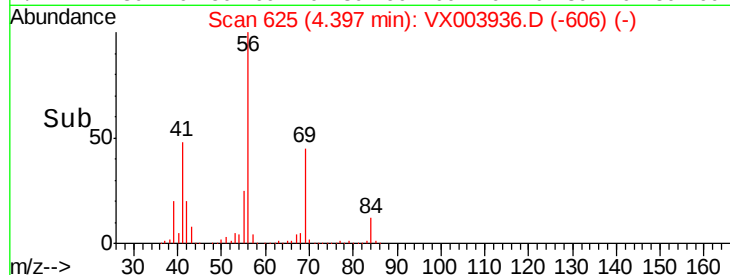
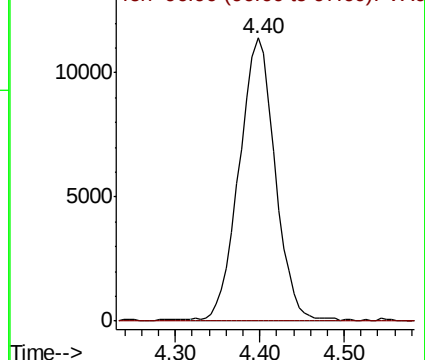
77 100

97 0.0 11.9 35.9#



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



#29

Tetrahydrofuran

Concen: 1.77 ug/l

RT: 5.24 min Scan# 763

Delta R.T. 0.07 min

Lab File: VX003936.D

Acq: 08 Aug 2018 20:51

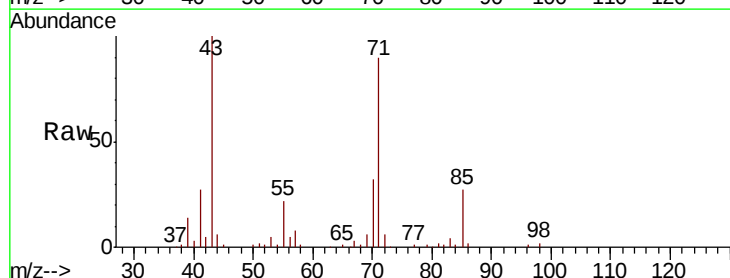
Tgt Ion: 42 Resp: 3708

Ion Ratio Lower Upper

42 100

72 98.8 37.7 56.5#

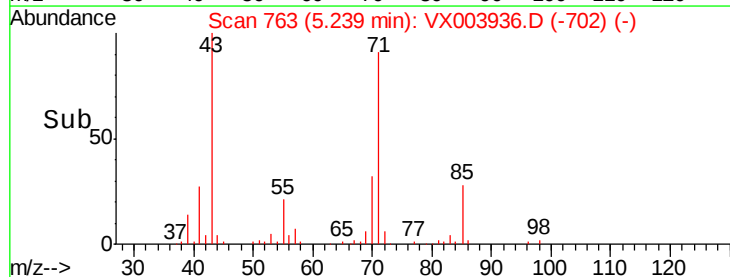
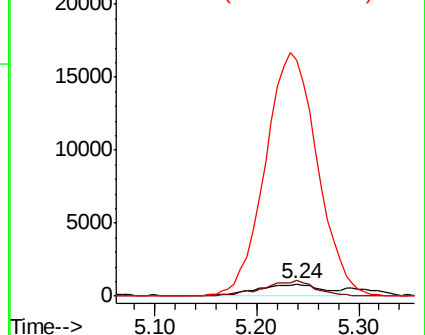
71 1596.7 35.0 52.6#

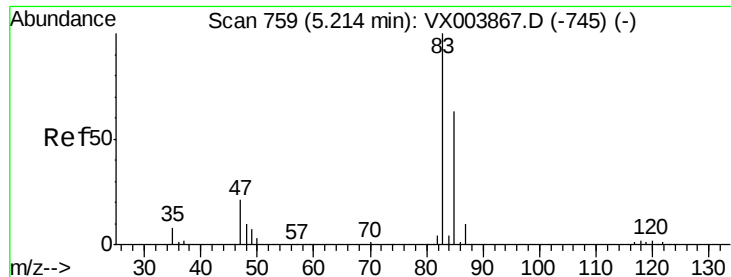


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

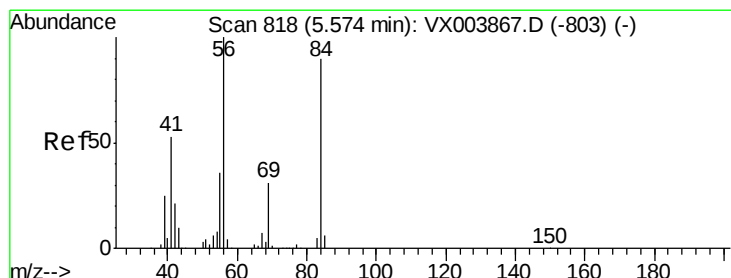
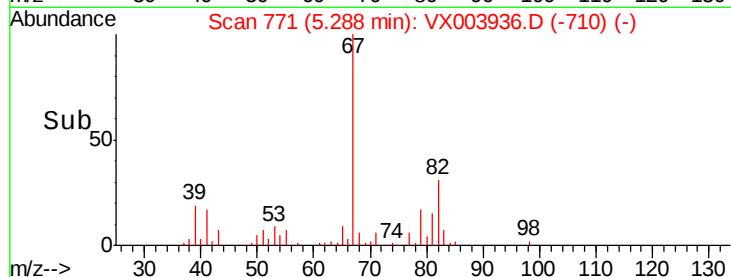
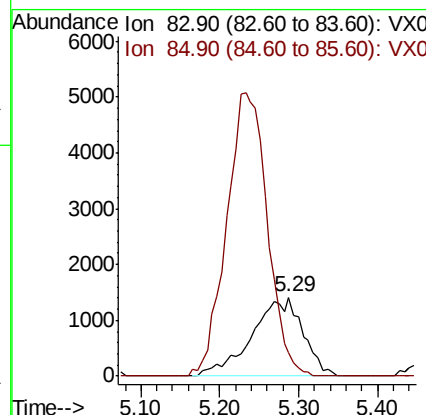
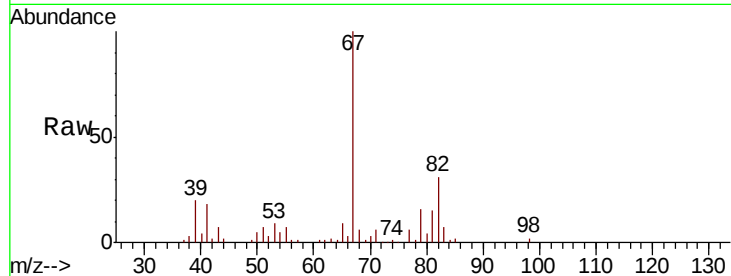




#30
Chloroform
Concen: 0.86 ug/l
RT: 5.29 min Scan# 771
Delta R.T. 0.07 min
Lab File: VX003936.D
Acq: 08 Aug 2018 20:51

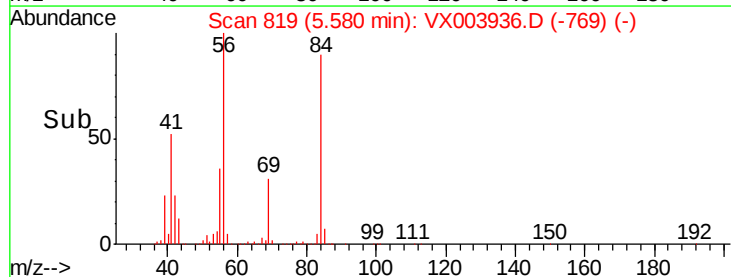
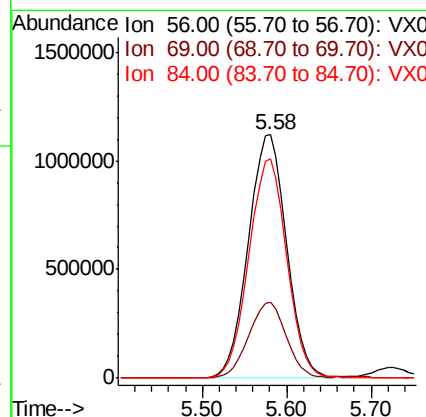
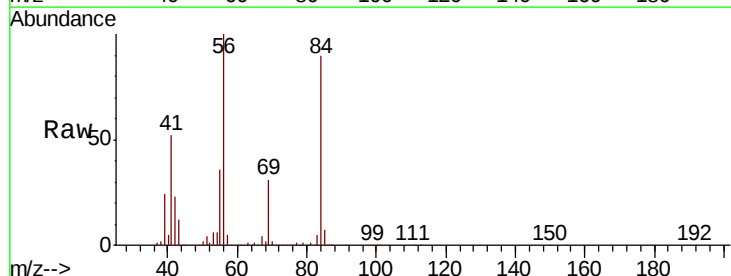
Instrument :
MSVOA_X
ClientSampleId :
FL-0555

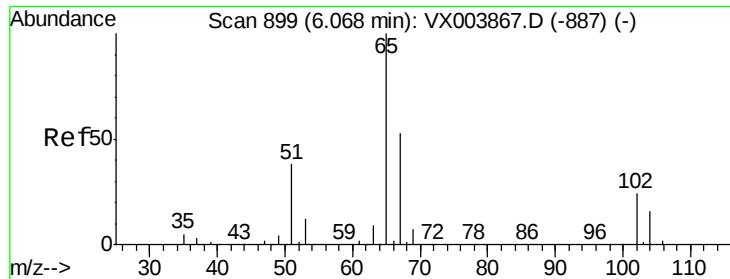
Tot Ion: 83 Resp: 6298
Ion Ratio Lower Upper
83 100
85 30.0 50.7 76.1#



#31
Cyclohexane
Concen: 528.21 ug/l
RT: 5.58 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX003936.D
Acq: 08 Aug 2018 20:51

Tgt Ion: 56 Resp: 3469902
Ion Ratio Lower Upper
56 100
69 31.1 24.9 37.3
84 90.3 71.7 107.5

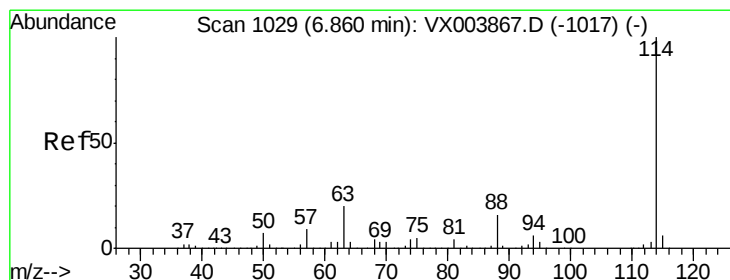
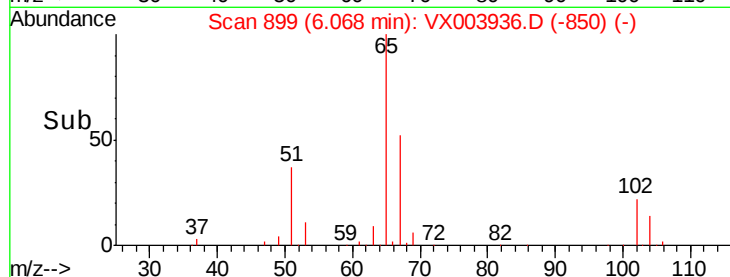
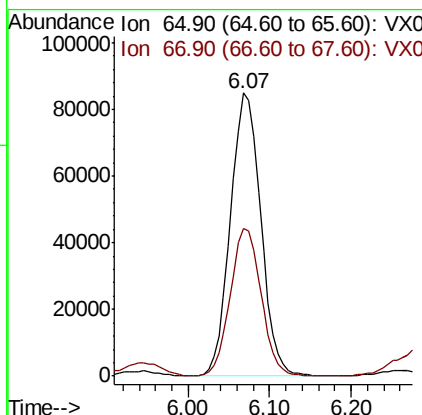
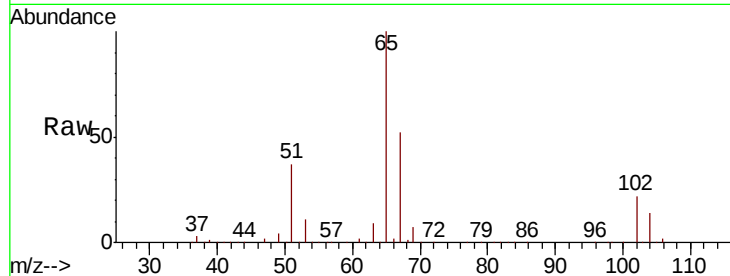




#33
 1,2-Dichloroethane-d4
 Concen: 47.72 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX003936.D
 Acq: 08 Aug 2018 20:51

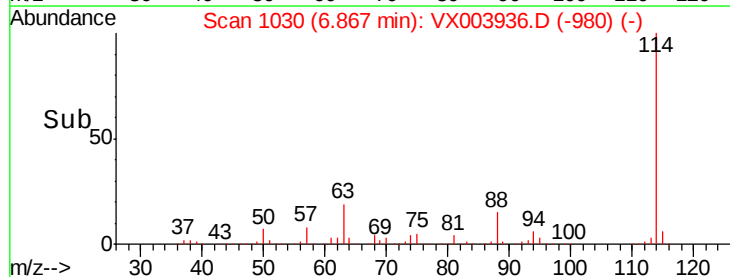
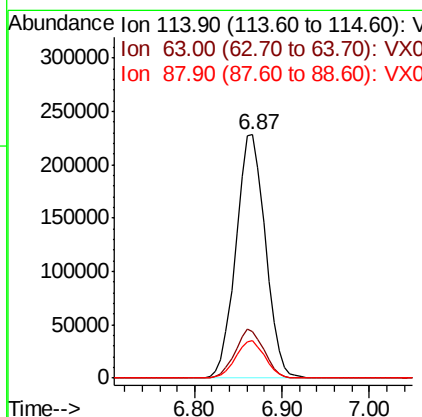
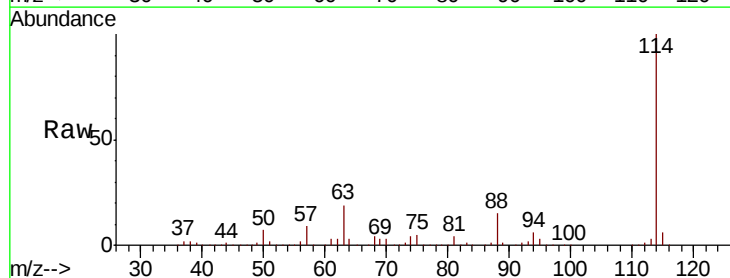
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0555

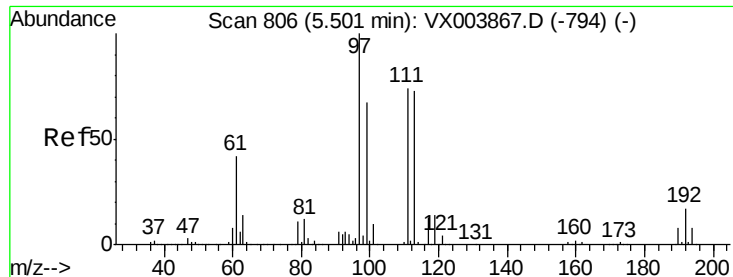
Tot Ion: 65 Resp: 217501
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.01 min
 Lab File: VX003936.D
 Acq: 08 Aug 2018 20:51

Tgt Ion: 114 Resp: 536280
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 39.0
 88 15.2 0.0 32.0

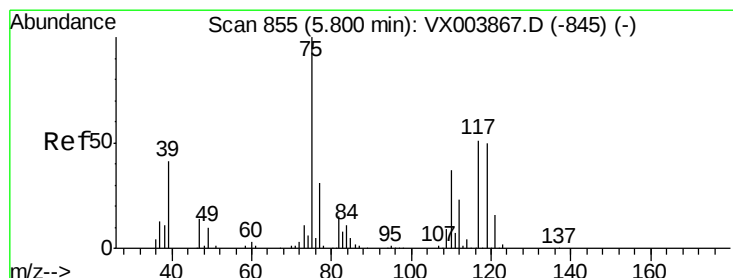
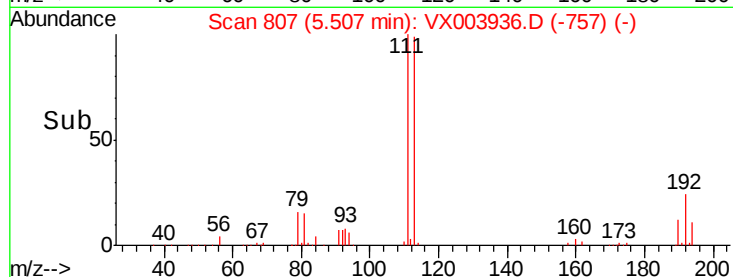
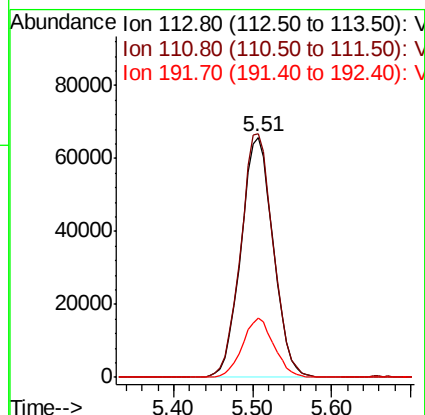
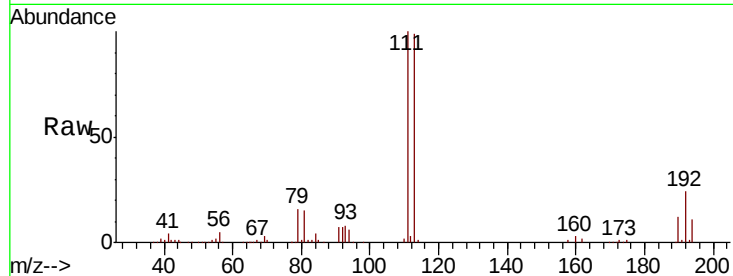




#35
 Dibromofluoromethane
 Concen: 46.11 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX003936.D
 Acq: 08 Aug 2018 20:51

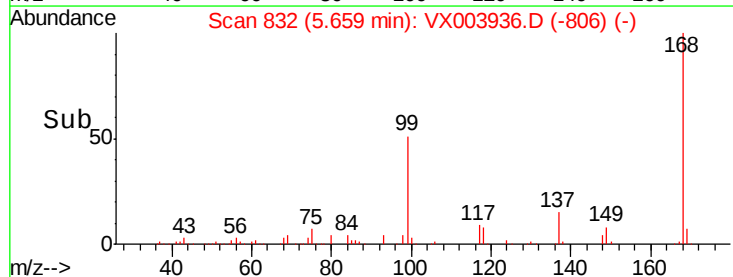
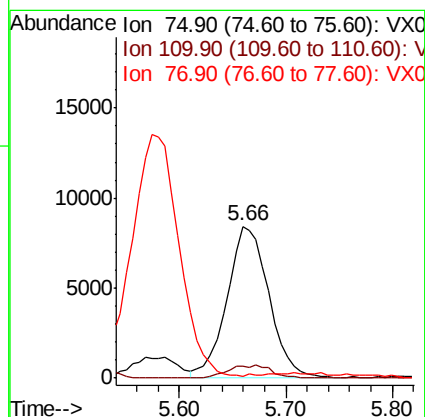
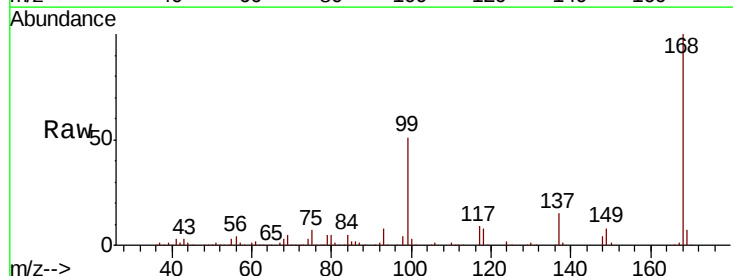
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0555

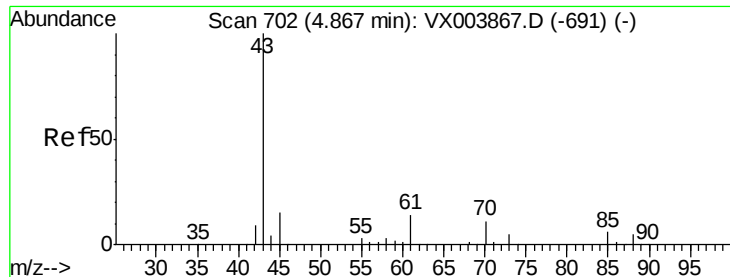
Tot Ion:113 Resp: 187320
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.0 123.0
 192 24.0 19.0 28.4



#36
 1,1-Dichloropropene
 Concen: 3.87 ug/l
 RT: 5.66 min Scan# 832
 Delta R.T. -0.14 min
 Lab File: VX003936.D
 Acq: 08 Aug 2018 20:51

Tgt Ion: 75 Resp: 23217
 Ion Ratio Lower Upper
 75 100
 110 4.7 18.2 54.6#
 77 0.0 25.0 37.4#





#37

Ethyl Acetate

Concen: 3.21 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.16 min

Lab File: VX003936.D

Acq: 08 Aug 2018 20:51

Instrument :

MSVOA_X

ClientSampleId :

FL-0555

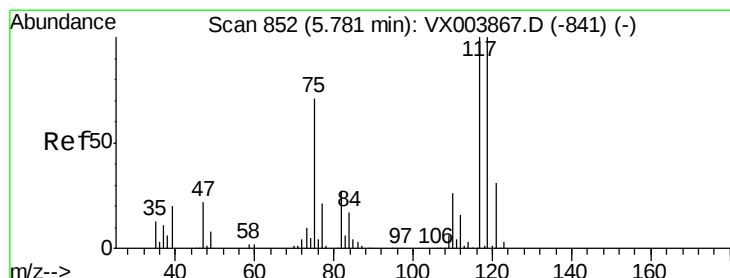
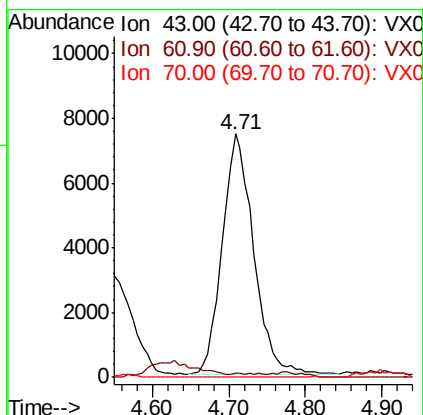
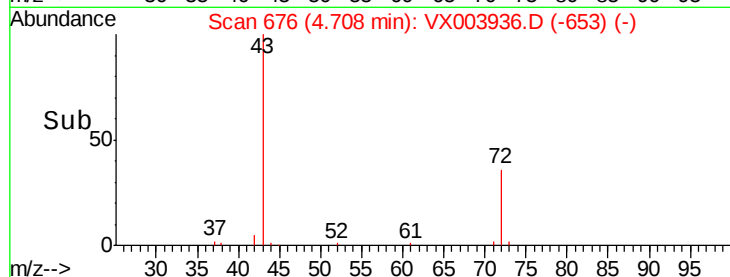
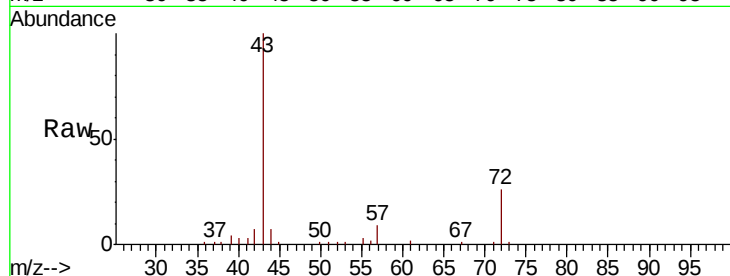
Tot Ion: 43 Resp: 21241

Ion Ratio Lower Upper

43 100

61 0.0 11.5 17.3#

70 0.0 9.0 13.4#



#38

Carbon Tetrachloride

Concen: 5.35 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.12 min

Lab File: VX003936.D

Acq: 08 Aug 2018 20:51

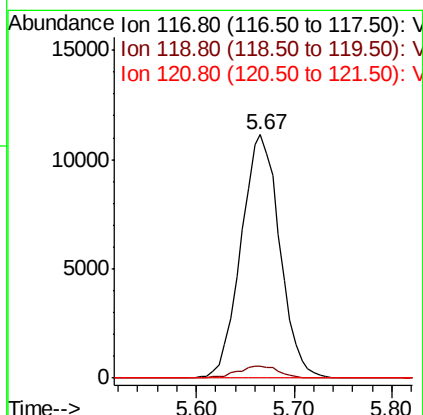
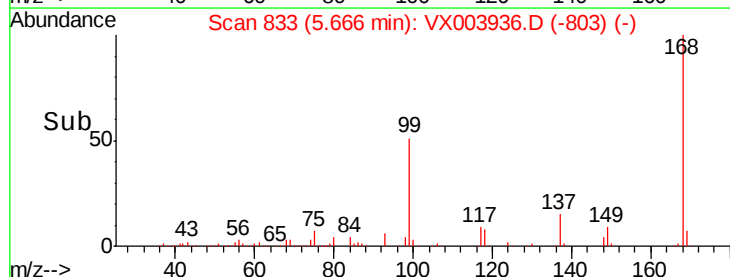
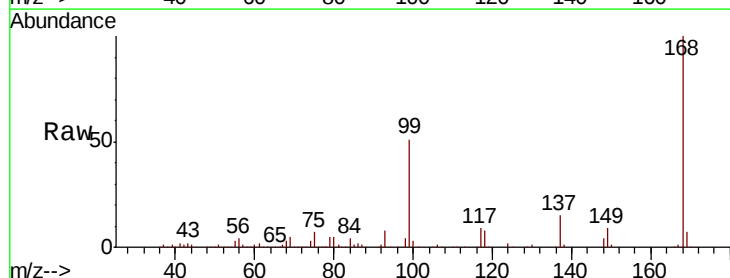
Tgt Ion: 117 Resp: 30587

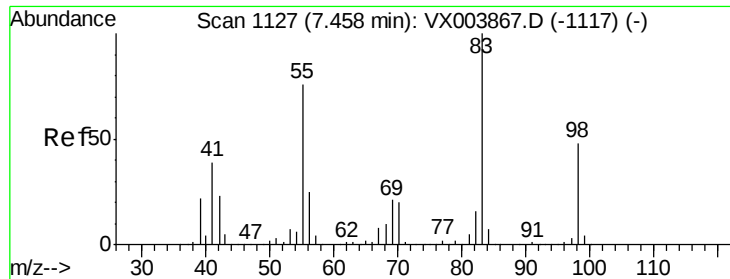
Ion Ratio Lower Upper

117 100

119 5.0 79.5 119.3#

121 0.0 25.0 37.4#

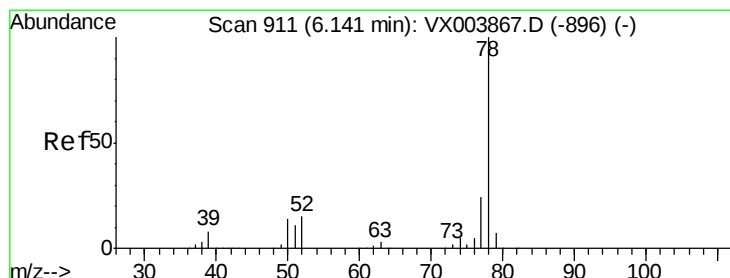
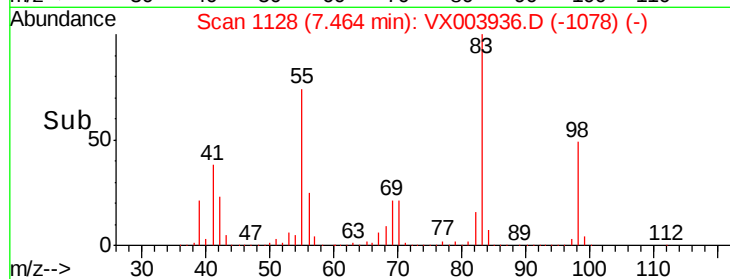
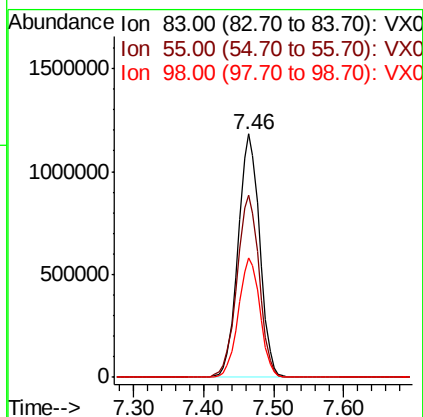
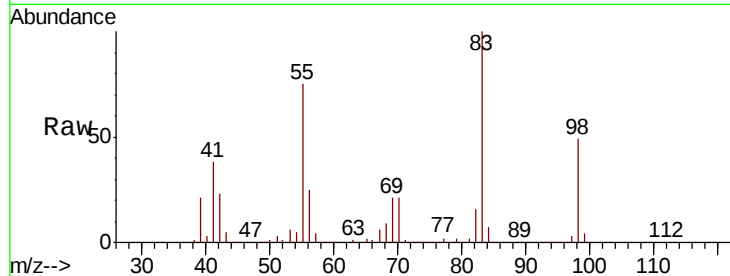




#39
Methvlcvclohexane
Concen: 356.49 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.01 min
Lab File: VX003936.D
Acq: 08 Aug 2018 20:51

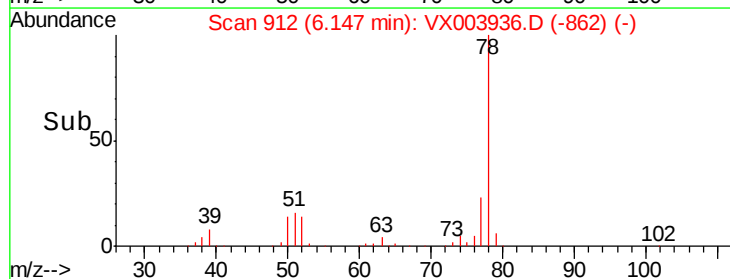
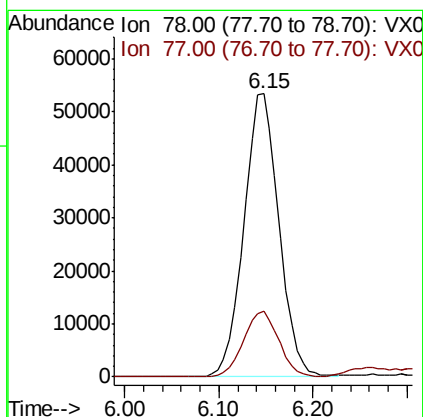
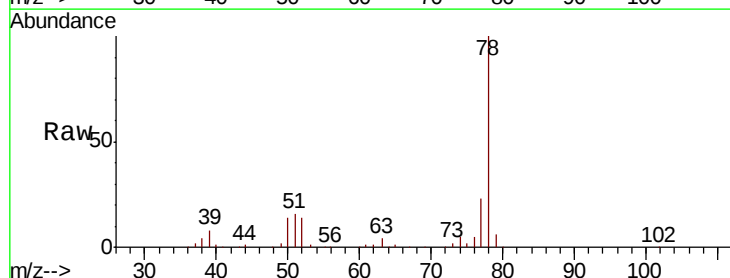
Instrument :
MSVOA_X
ClientSampleId :
FL-0555

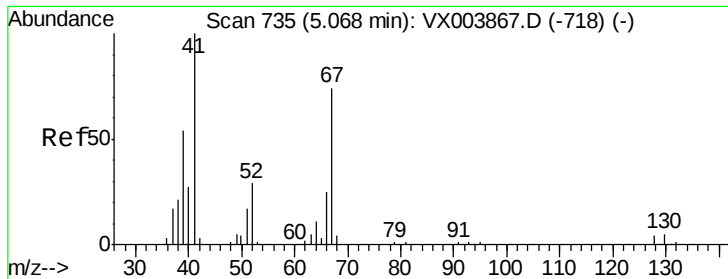
Tot Ion: 83 Resp: 2524544
Ion Ratio Lower Upper
83 100
55 74.6 61.0 91.6
98 49.1 38.6 57.8



#40
Benzene
Concen: 7.73 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.01 min
Lab File: VX003936.D
Acq: 08 Aug 2018 20:51

Tgt Ion: 78 Resp: 139382
Ion Ratio Lower Upper
78 100
77 23.1 19.0 28.4

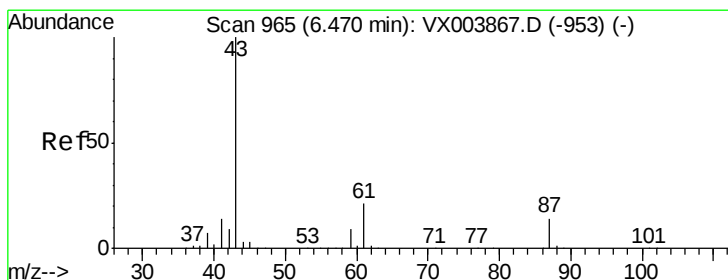
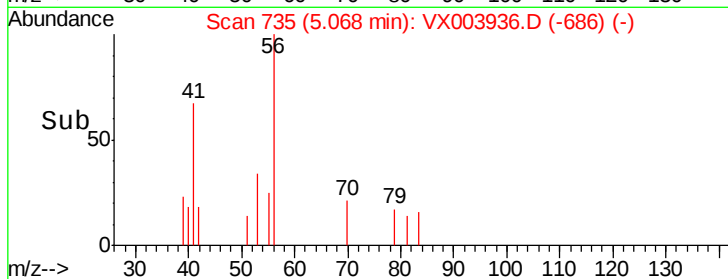
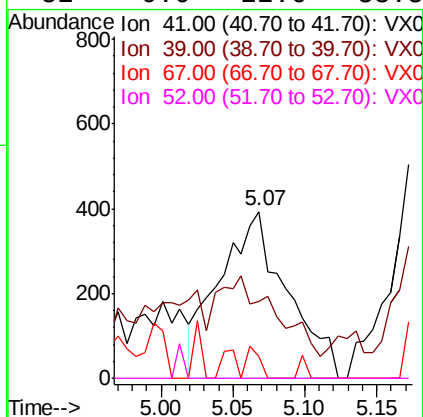
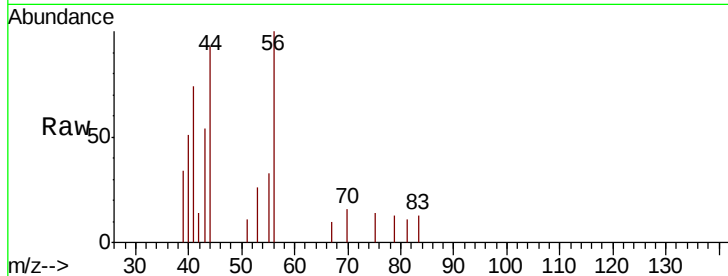




#41
Methacrylonitrile
Concen: 0.35 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX003936.D
Acq: 08 Aug 2018 20:51

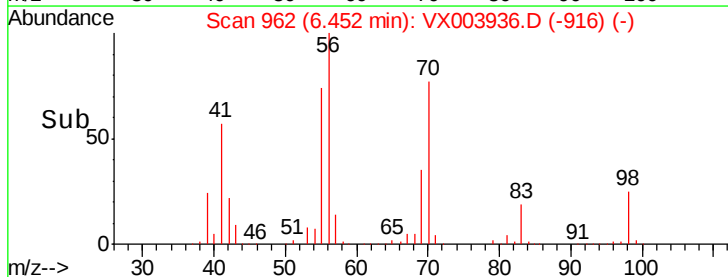
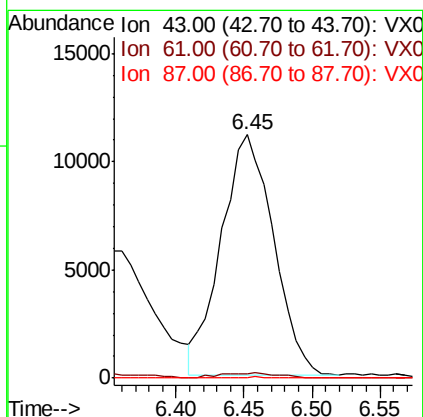
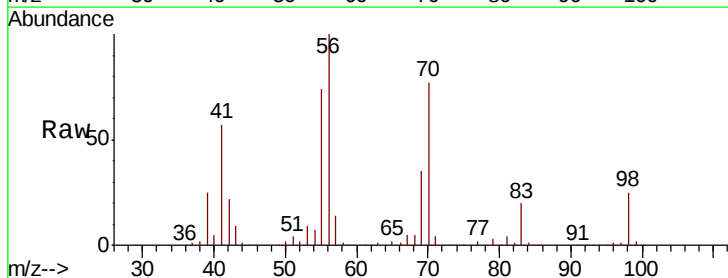
Instrument :
MSVOA_X
ClientSampleId :
FL-0555

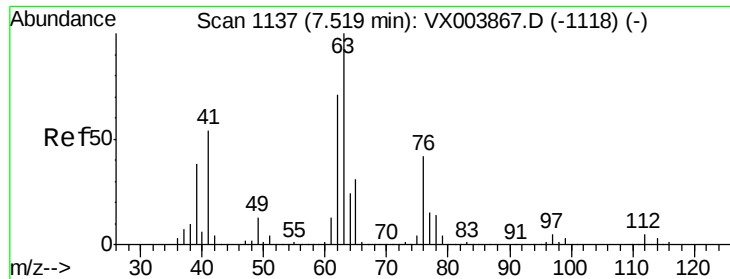
Tot Ion:	41	Resp:	1283
Ion	Ratio	Lower	Upper
41	100		
39	39.5	42.7	64.1#
67	0.0	58.9	88.3#
52	0.0	22.6	33.8#



#43
Isopropyl Acetate
Concen: 3.01 ug/l
RT: 6.45 min Scan# 962
Delta R.T. -0.02 min
Lab File: VX003936.D
Acq: 08 Aug 2018 20:51

Tgt Ion:	43	Resp:	29932
Ion	Ratio	Lower	Upper
43	100		
61	2.3	16.9	25.3#
87	0.1	11.3	16.9#





#45

1,2-Dichloropropane

Concen: 4.39 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. -0.05 min

Lab File: VX003936.D

Acq: 08 Aug 2018 20:51

Instrument :

MSVOA_X

ClientSampled :

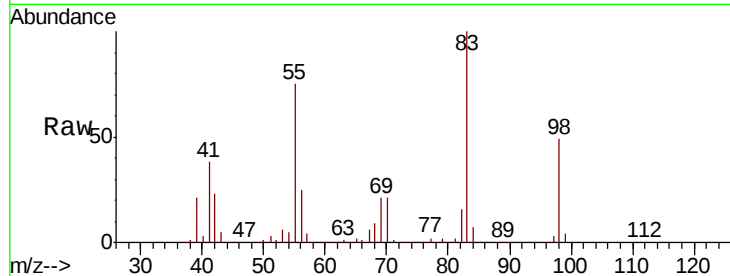
FL-0555

Tot Ion: 63 Resp: 20449

Ion Ratio Lower Upper

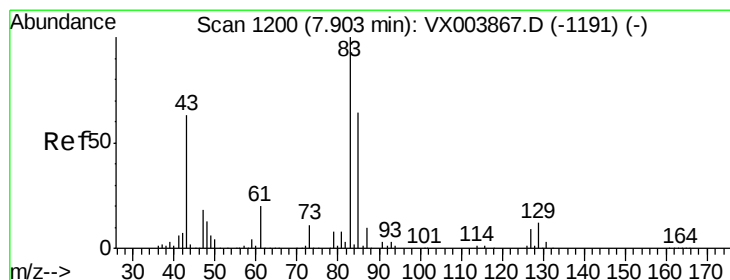
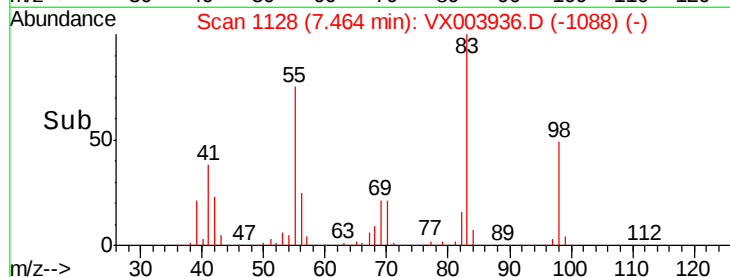
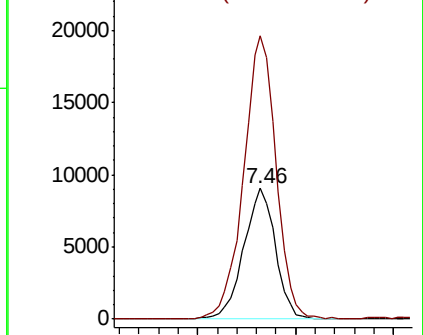
63 100

65 216.9 24.6 36.8#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#47

Bromodichloromethane

Concen: 0.45 ug/l

RT: 7.85 min Scan# 1191

Delta R.T. -0.05 min

Lab File: VX003936.D

Acq: 08 Aug 2018 20:51

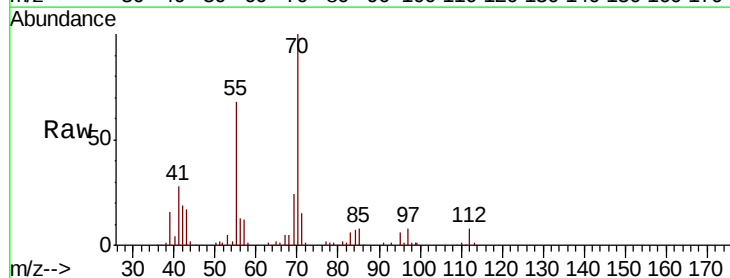
Tgt Ion: 83 Resp: 2539

Ion Ratio Lower Upper

83 100

85 149.4 51.2 76.8#

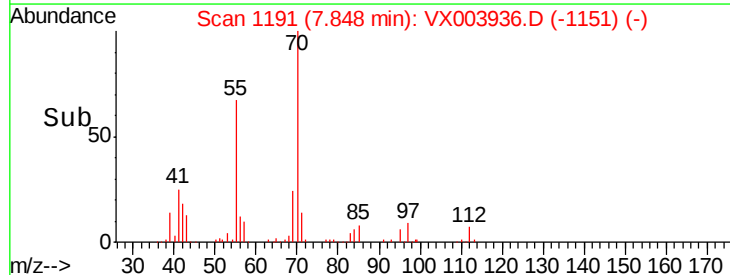
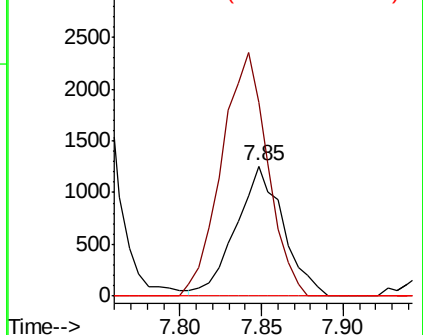
127 0.0 7.2 10.8#

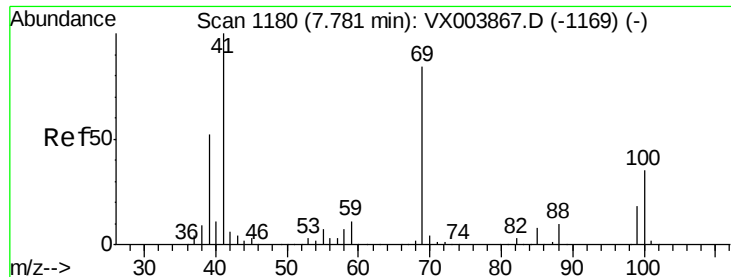


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V

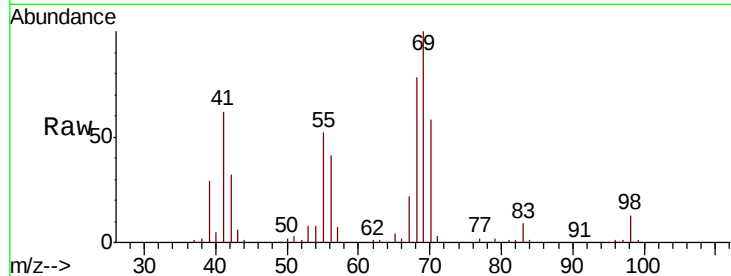




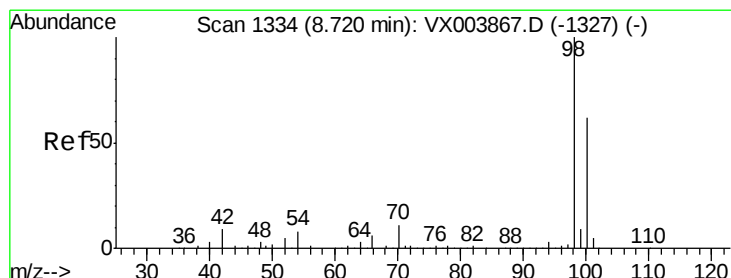
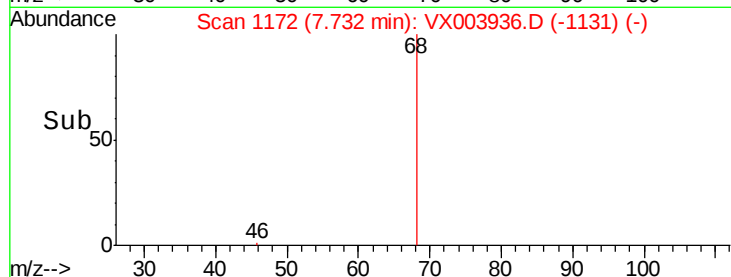
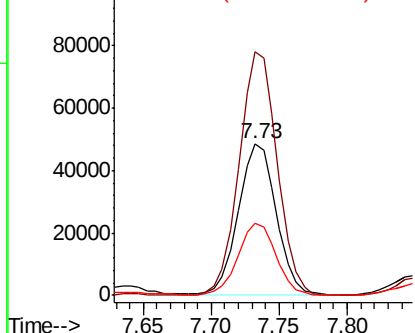
#48
Methyl methacrylate
Concen: 18.66 ug/l
RT: 7.73 min Scan# 1172
Delta R.T. -0.05 min
Lab File: VX003936.D
Acq: 08 Aug 2018 20:51

Instrument :
MSVOA_X
ClientSampled :
FL-0555

Tot Ion: 41 Resp: 94334
Ion Ratio Lower Upper
41 100
69 161.4 68.8 103.2#
39 47.0 42.3 63.5

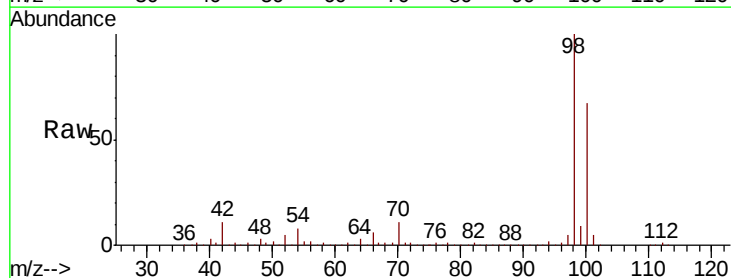


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

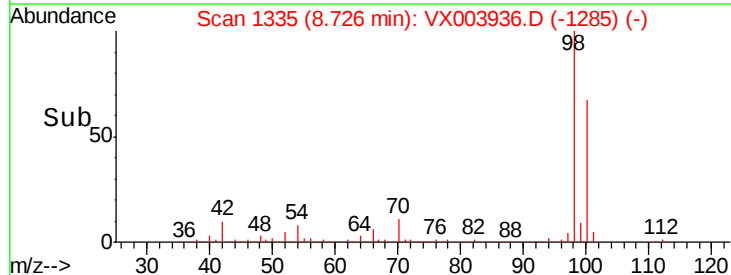
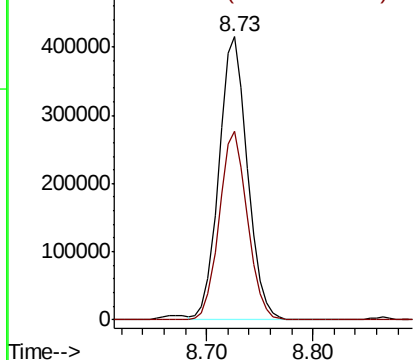


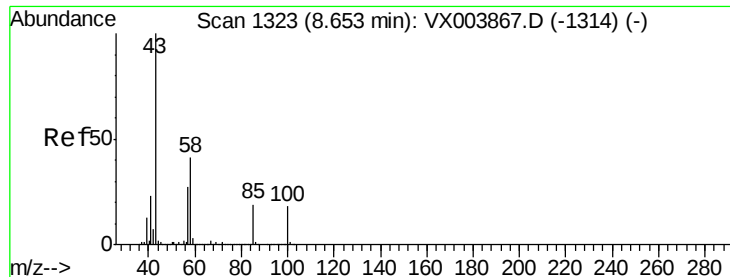
#50
Toluene-d8
Concen: 49.00 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.01 min
Lab File: VX003936.D
Acq: 08 Aug 2018 20:51

Tgt Ion: 98 Resp: 774215
Ion Ratio Lower Upper
98 100
100 65.7 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 113.52 ug/l

RT: 8.82 min Scan# 1350

Delta R.T. 0.16 min

Lab File: VX003936.D

Acq: 08 Aug 2018 20:51

Instrument :

MSVOA_X

ClientSampleId :

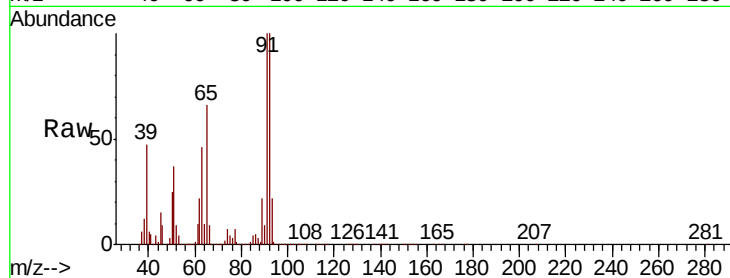
FL-0555

Tot Ion: 43 Resp: 93544

Ion Ratio Lower Upper

43 100

58 0.0 33.0 49.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.82

400000

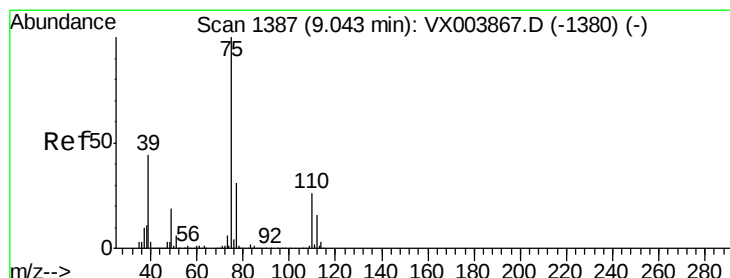
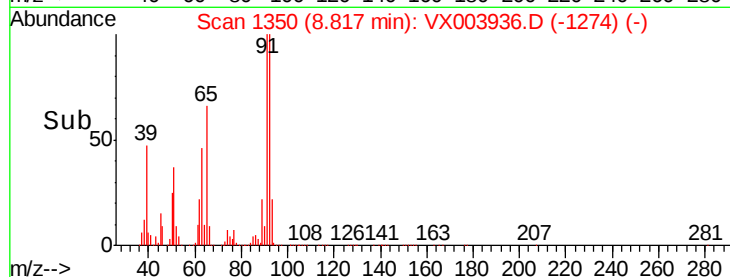
300000

200000

100000

0

Time--> 8.70 8.75 8.80 8.85



#53

t-1,3-Dichloropropene

Concen: 128.81 ug/l

RT: 8.82 min Scan# 1350

Delta R.T. -0.23 min

Lab File: VX003936.D

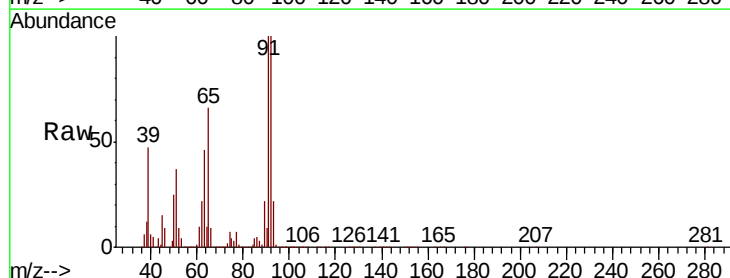
Acq: 08 Aug 2018 20:51

Tgt Ion: 75 Resp: 829322

Ion Ratio Lower Upper

75 100

77 166.1 25.1 37.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

8.82

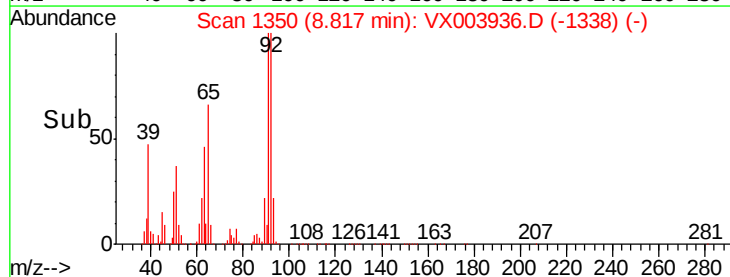
600000

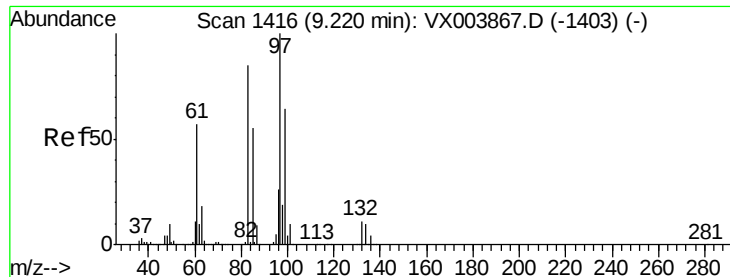
400000

200000

0

Time--> 8.75 8.80 8.85





#55

1,1,2-Trichloroethane

Concen: 14.26 ug/l

RT: 9.16 min Scan# 1407

Delta R.T. -0.05 min

Lab File: VX003936.D

Acq: 08 Aug 2018 20:51

Instrument :

MSVOA_X

ClientSampleId :

FL-0555

Tot Ion: 97 Resp: 66407

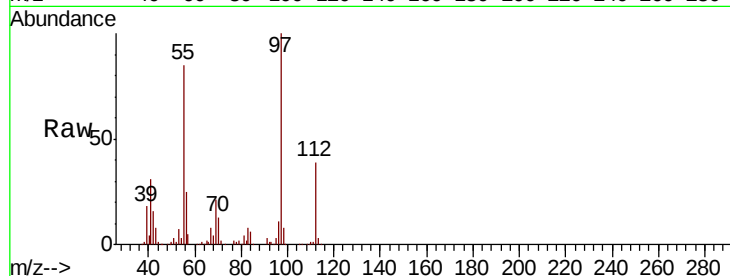
Ion Ratio Lower Upper

97 100

83 8.1 67.8 101.6#

85 0.4 44.2 66.2#

99 0.4 50.8 76.2#

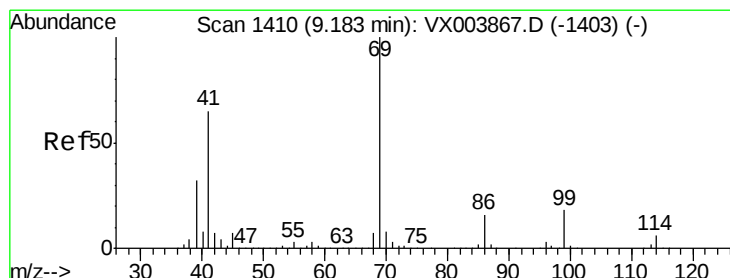
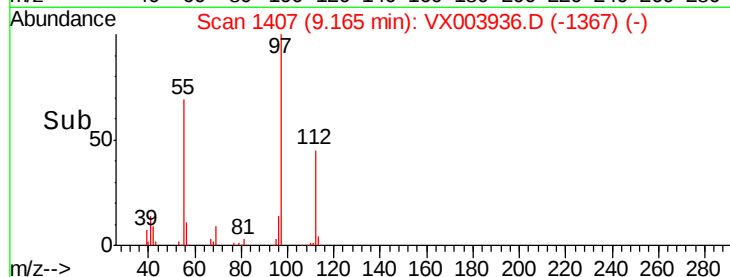
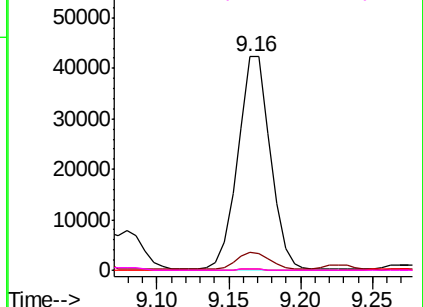


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 2.14 ug/l

RT: 9.16 min Scan# 1407

Delta R.T. -0.02 min

Lab File: VX003936.D

Acq: 08 Aug 2018 20:51

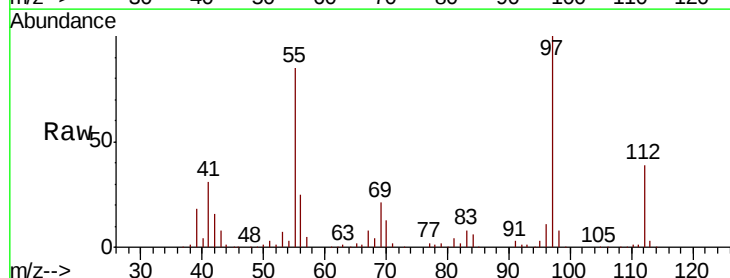
Tgt Ion: 69 Resp: 14458

Ion Ratio Lower Upper

69 100

41 149.8 50.6 76.0#

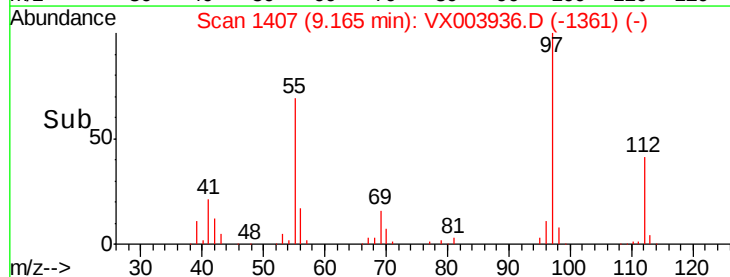
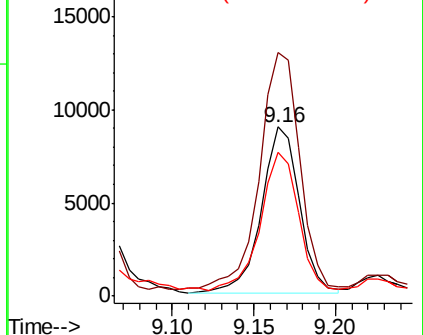
39 81.9 25.8 38.6#

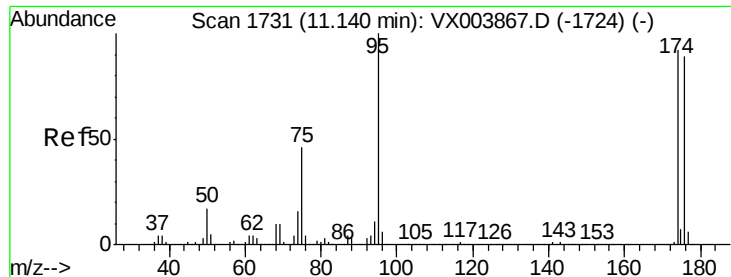


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#62

4-Bromofluorobenzene

Concen: 56.48 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003936.D

Acq: 08 Aug 2018 20:51

Instrument :

MSVOA_X

ClientSampleId :

FL-0555

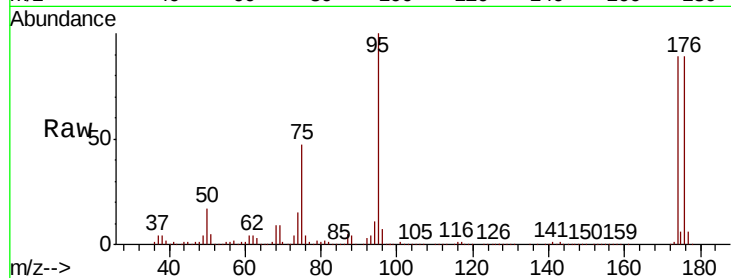
Tot Ion: 95 Resp: 288755

Ion Ratio Lower Upper

95 100

174 90.8 0.0 182.8

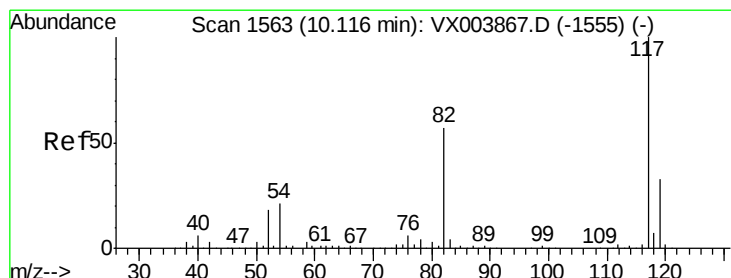
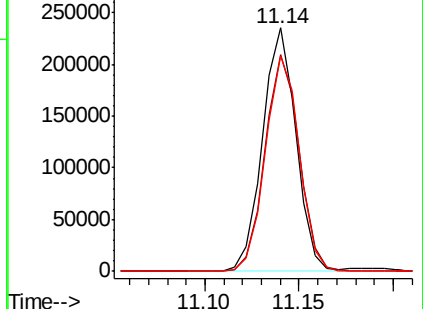
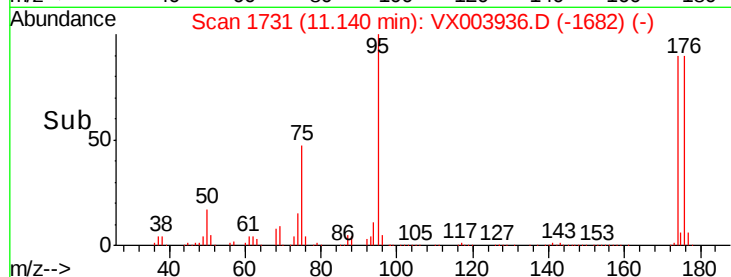
176 89.7 0.0 179.0



Abundance Ion 94.90 (94.60 to 95.60): VX003936.D (-1682) (-)

Ion 173.80 (173.50 to 174.50): VX003936.D (-1682) (-)

Ion 175.80 (175.50 to 176.50): VX003936.D (-1682) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX003936.D

Acq: 08 Aug 2018 20:51

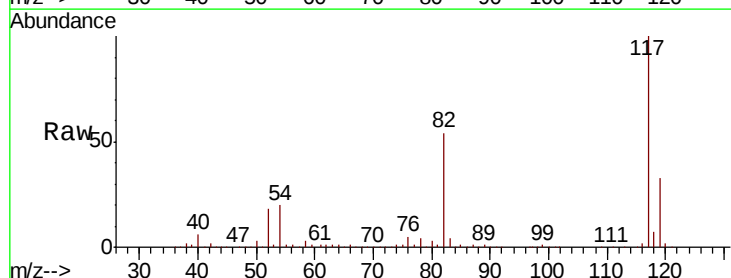
Tgt Ion: 117 Resp: 503080

Ion Ratio Lower Upper

117 100

82 53.9 45.4 68.0

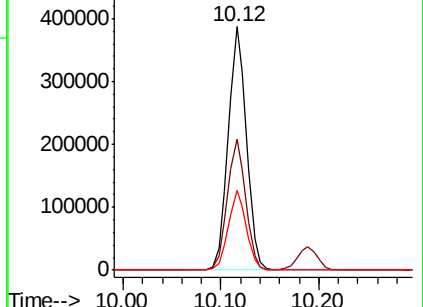
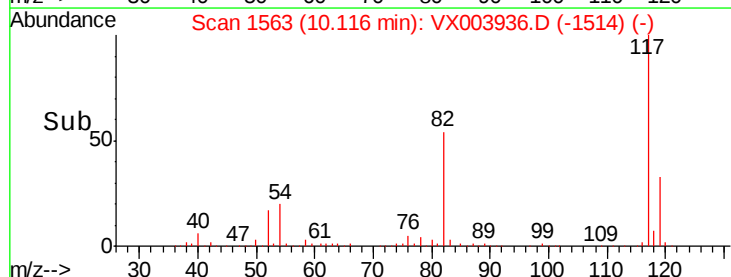
119 32.8 26.6 40.0

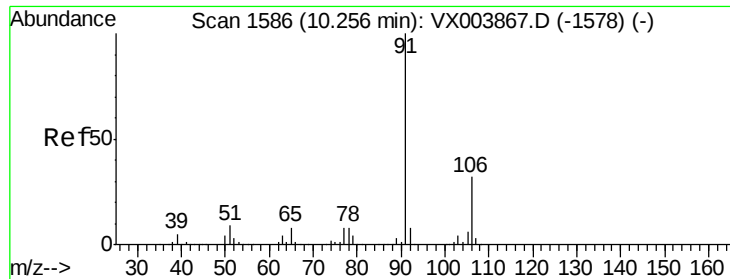


Abundance Ion 116.90 (116.60 to 117.60): VX003936.D (-1514) (-)

Ion 82.00 (81.70 to 82.70): VX003936.D (-1514) (-)

Ion 118.90 (118.60 to 119.60): VX003936.D (-1514) (-)

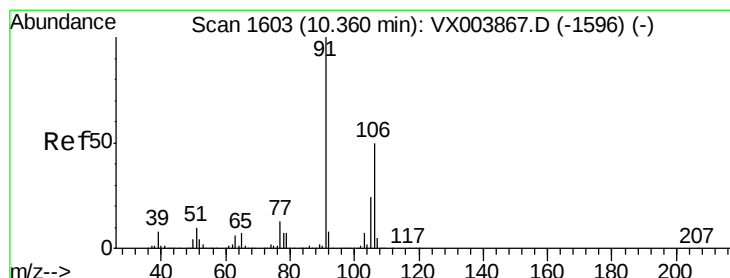
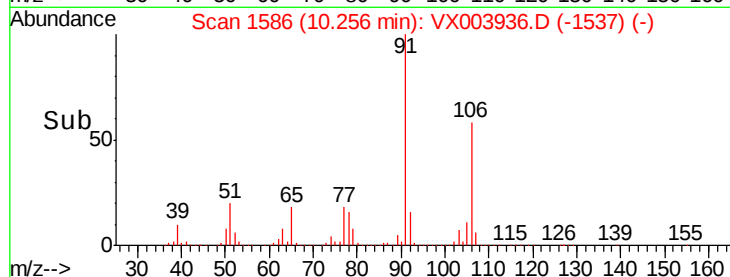
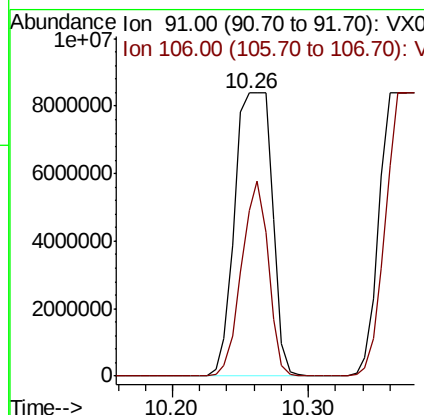
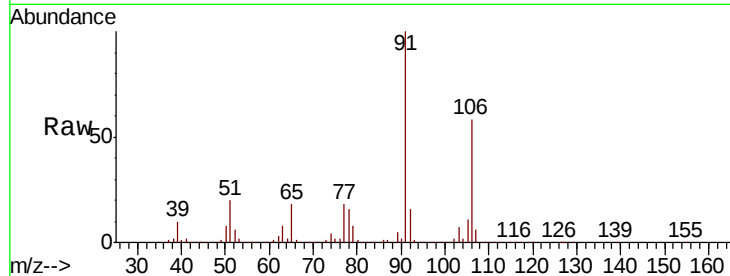




#67
Ethyl Benzene
Concen: 752.26 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003936.D
Acq: 08 Aug 2018 20:51

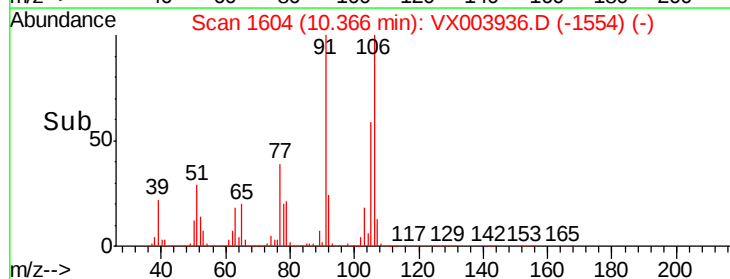
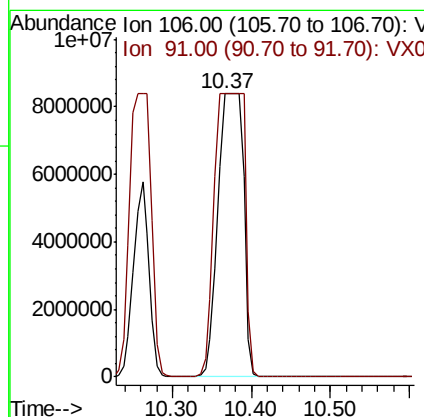
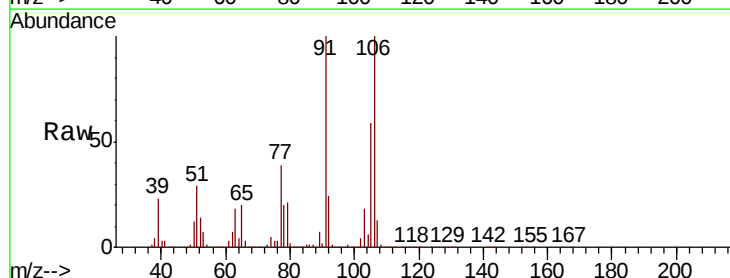
Instrument :
MSVOA_X
ClientSampled :
FL-0555

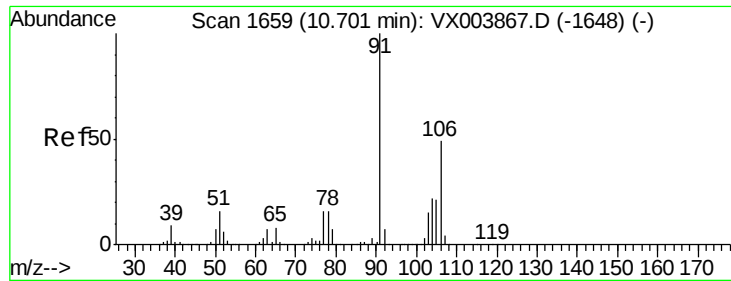
Tot Ion: 91 Resp:16119588
Ion Ratio Lower Upper
91 100
106 58.4 25.9 38.9#



#68
m/p-Xylenes
Concen: 2253.72 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.01 min
Lab File: VX003936.D
Acq: 08 Aug 2018 20:51

Tgt Ion:106 Resp:18870201
Ion Ratio Lower Upper
106 100
91 0.0 162.3 243.5#

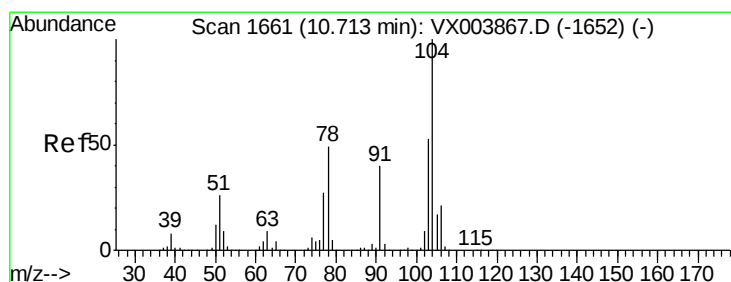
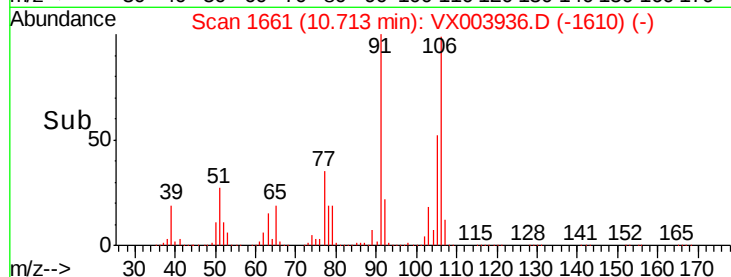
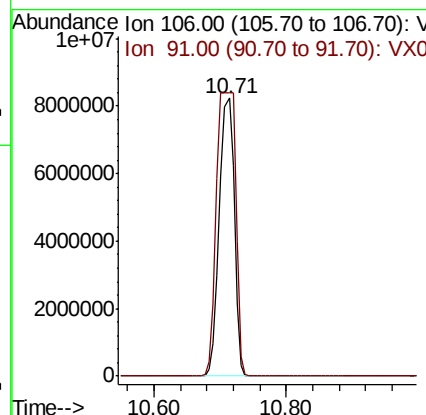
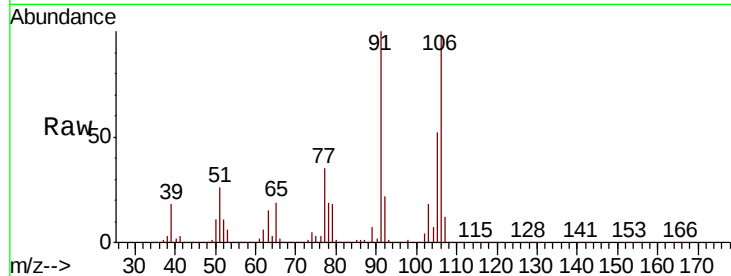




#69
o-Xylene
Concen: 1620.42 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.01 min
Lab File: VX003936.D
Acq: 08 Aug 2018 20:51

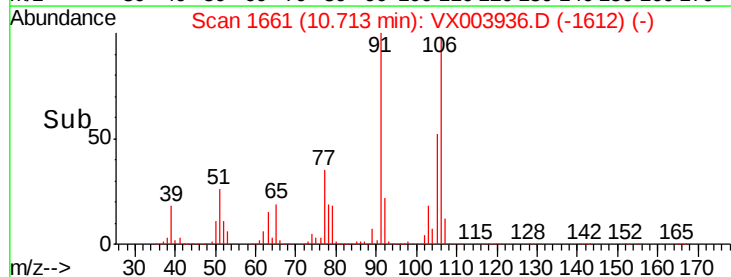
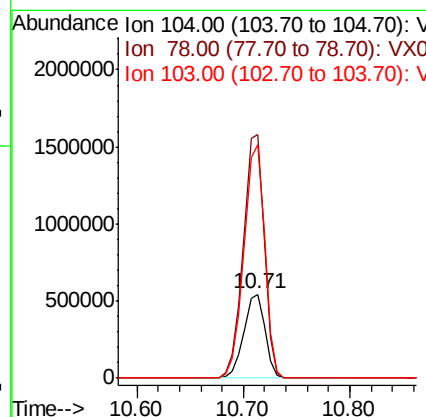
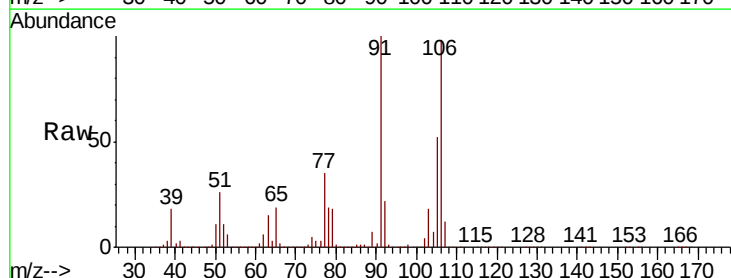
Instrument :
MSVOA_X
ClientSampleId :
FL-0555

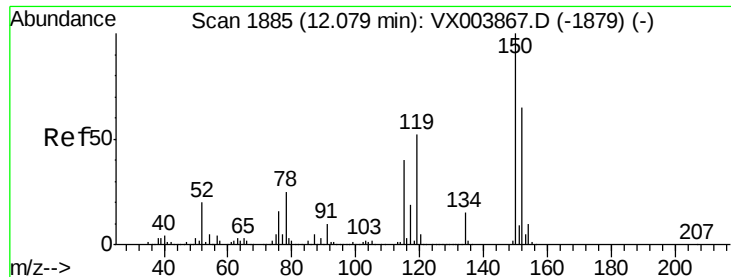
Tot Ion:106 Resp:12807699
Ion Ratio Lower Upper
106 100
91 133.5 101.9 305.7



#70
Styrene
Concen: 58.78 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003936.D
Acq: 08 Aug 2018 20:51

Tgt Ion:104 Resp: 760638
Ion Ratio Lower Upper
104 100
78 288.9 39.8 59.6#
103 277.1 44.3 66.5#





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003936.D

Acq: 08 Aug 2018 20:51

Instrument :

MSVOA_X

ClientSampleId :

FL-0555

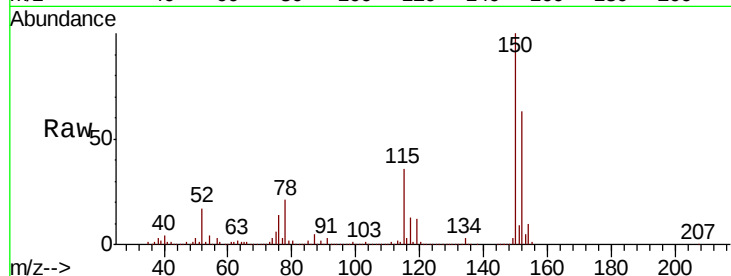
Tot Ion:152 Resp: 292984

Ion Ratio Lower Upper

152 100

115 59.2 39.1 117.3

150 155.4 0.0 349.2

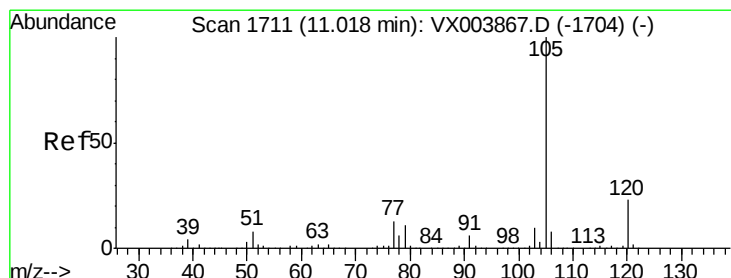
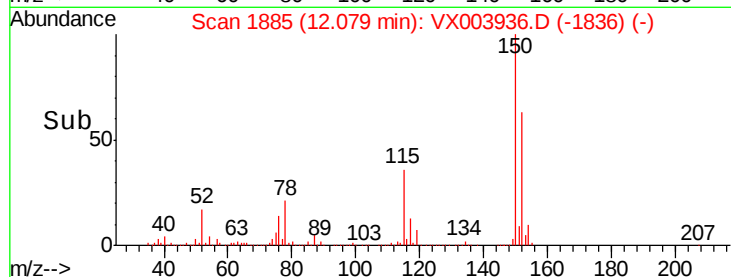
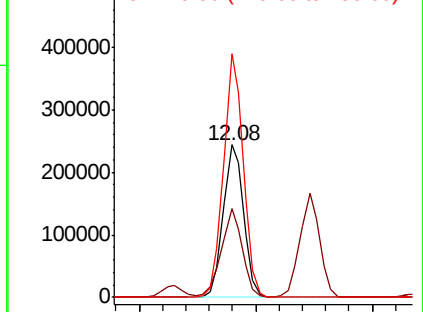


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 89.16 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX003936.D

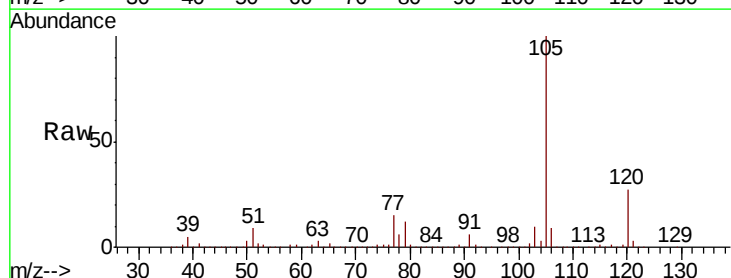
Acq: 08 Aug 2018 20:51

Tgt Ion:105 Resp: 1932409

Ion Ratio Lower Upper

105 100

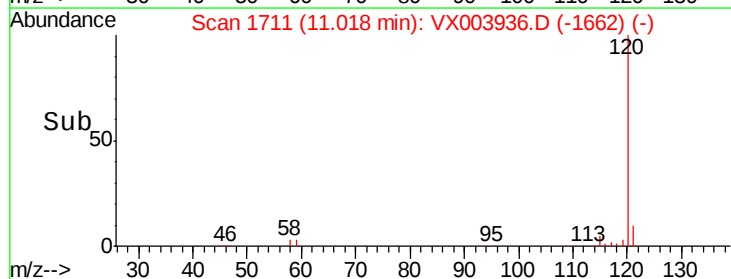
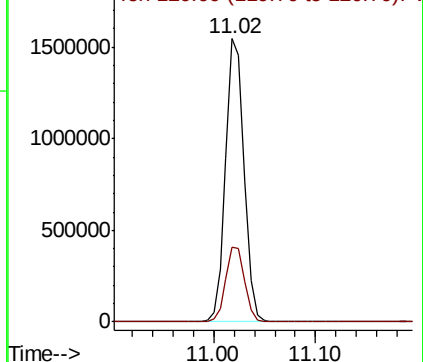
120 27.2 12.6 37.8

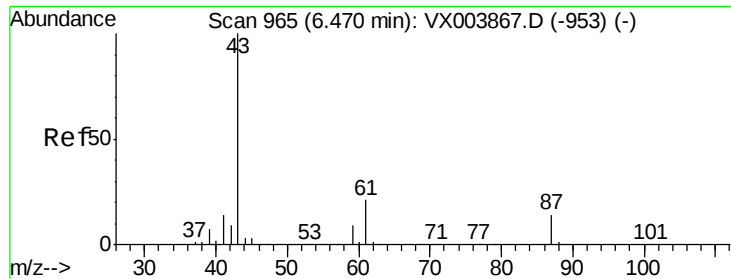


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 2.66 ug/l

RT: 6.45 min Scan# 962

Delta R.T. -0.02 min

Lab File: VX003936.D

Acq: 08 Aug 2018 20:51

Instrument :

MSVOA_X

ClientSampleId :

FL-0555

Tot Ion: 43 Resp: 29932

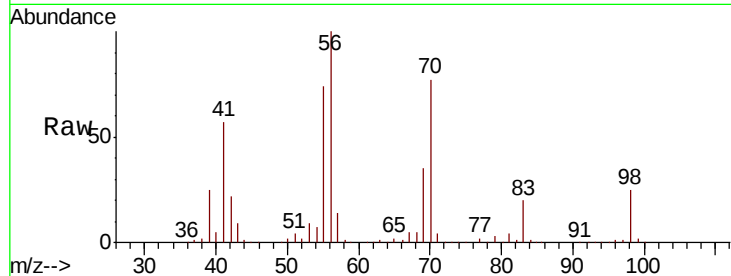
Ion Ratio Lower Upper

43 100

70 895.7 0.0 0.0#

55 877.4 0.1 0.1#

61 2.3 16.9 25.3#

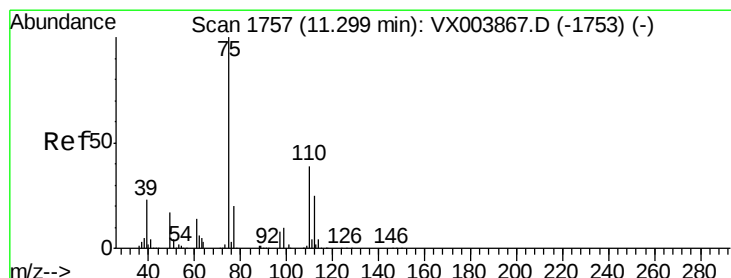
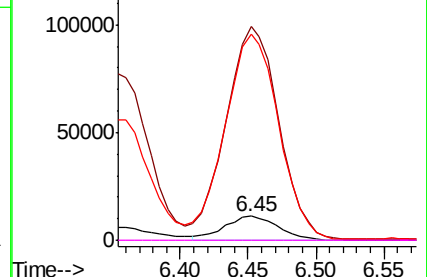
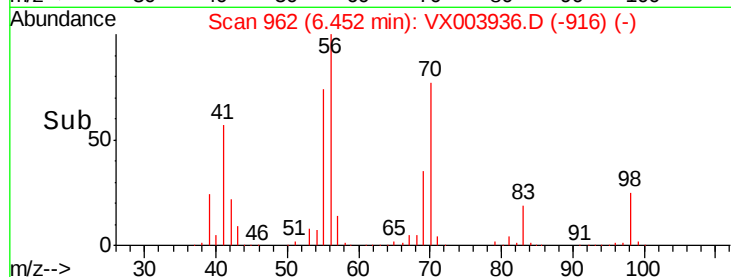


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#76

1,2,3-Trichloropropane

Concen: 2.17 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.06 min

Lab File: VX003936.D

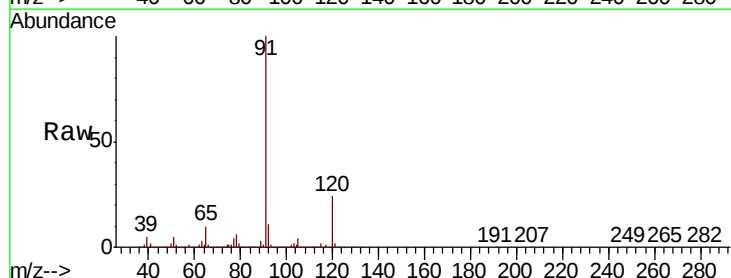
Acq: 08 Aug 2018 20:51

Tgt Ion: 75 Resp: 14070

Ion Ratio Lower Upper

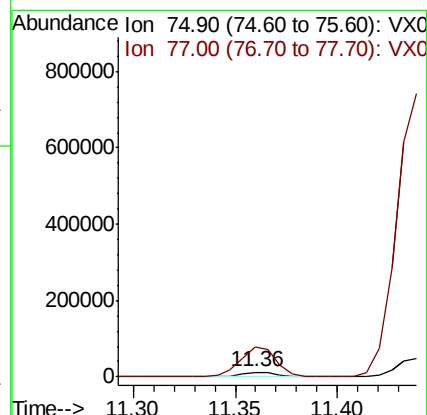
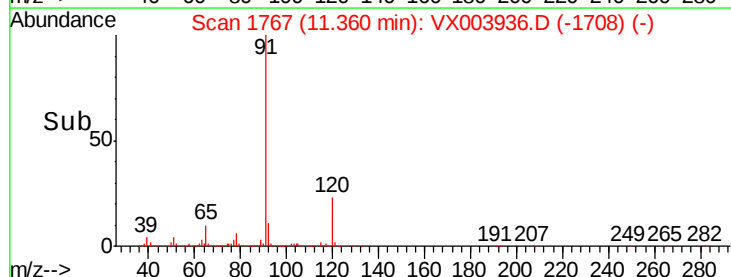
75 100

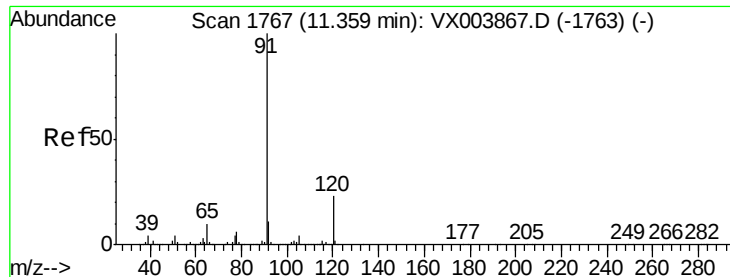
77 681.7 20.8 62.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 104.12 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX003936.D

Acq: 08 Aug 2018 20:51

Instrument :

MSVOA_X

ClientSampled :

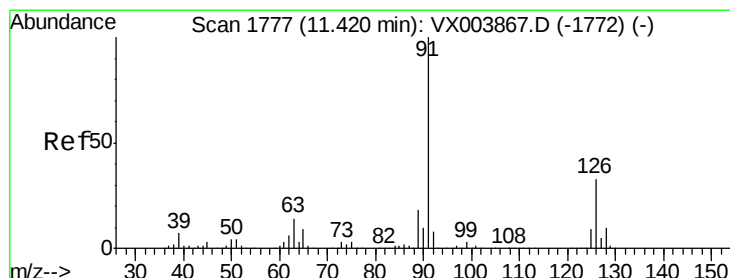
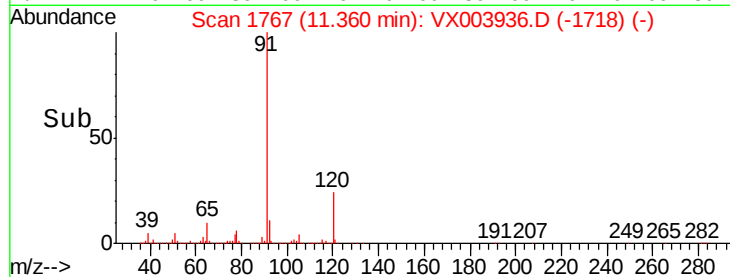
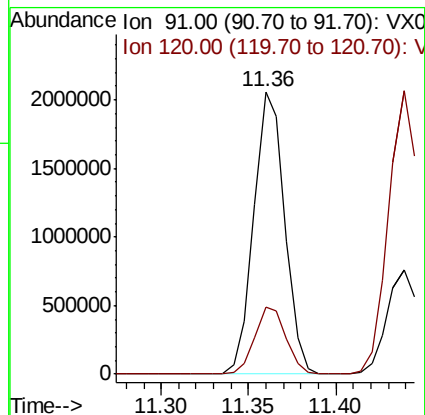
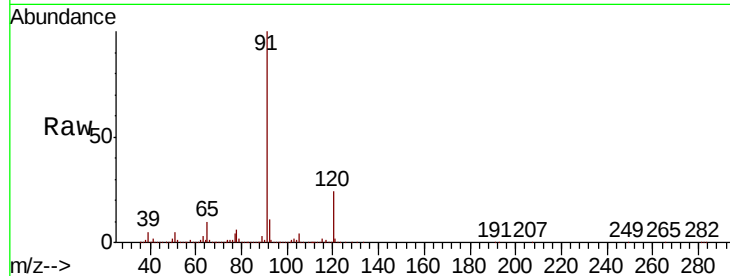
FL-0555

Tot Ion: 91 Resp: 2534081

Ion Ratio Lower Upper

91 100

120 23.9 11.9 35.5



#79

2-Chlorotoluene

Concen: 84.46 ug/l

RT: 11.44 min Scan# 1780

Delta R.T. 0.02 min

Lab File: VX003936.D

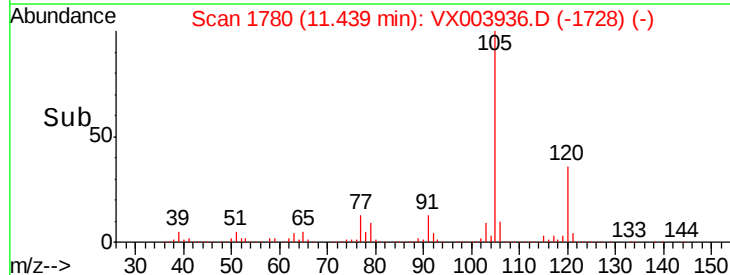
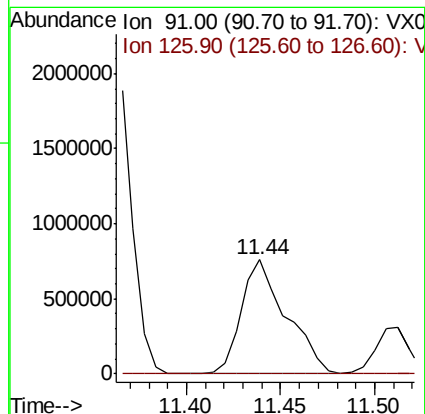
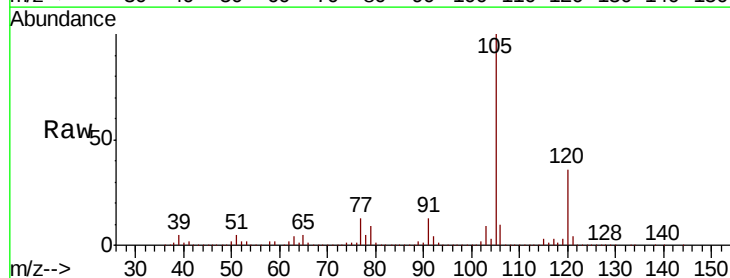
Acq: 08 Aug 2018 20:51

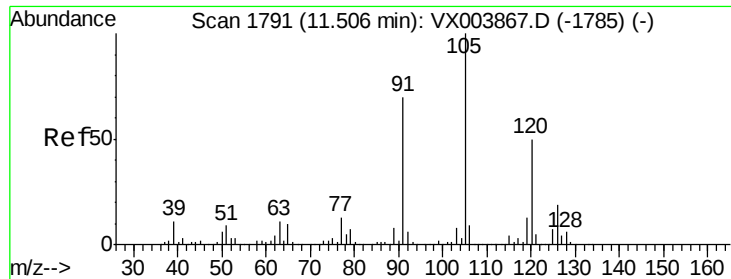
Tgt Ion: 91 Resp: 1253325

Ion Ratio Lower Upper

91 100

126 0.1 17.4 52.3#

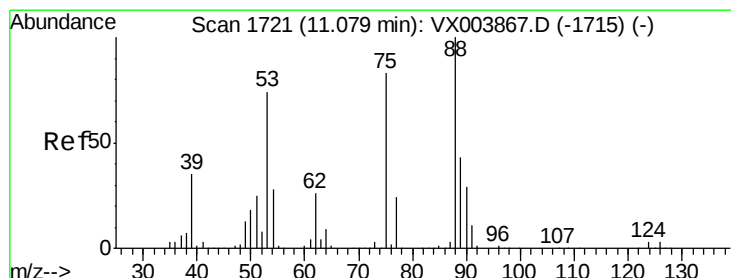
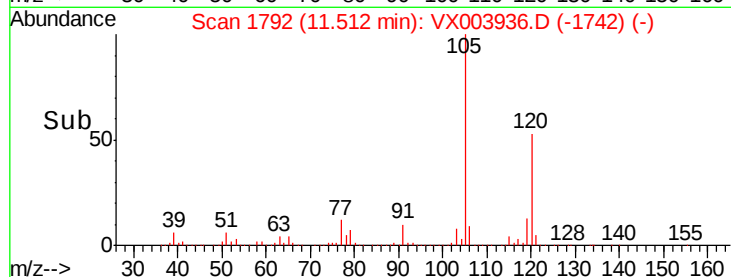
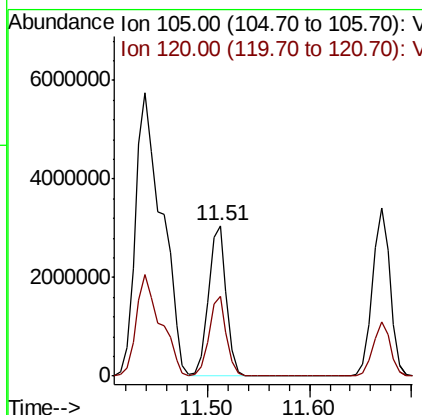
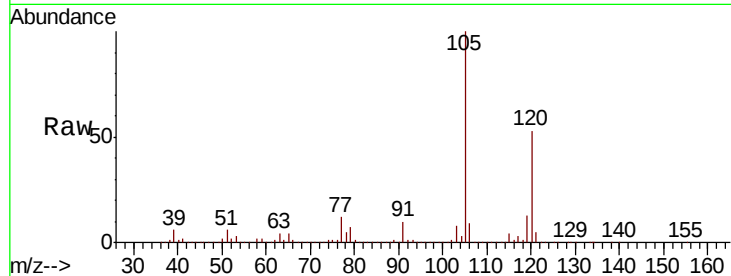




#80
 1,3,5-Trimethylbenzene
 Concen: 210.95 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX003936.D
 Acq: 08 Aug 2018 20:51

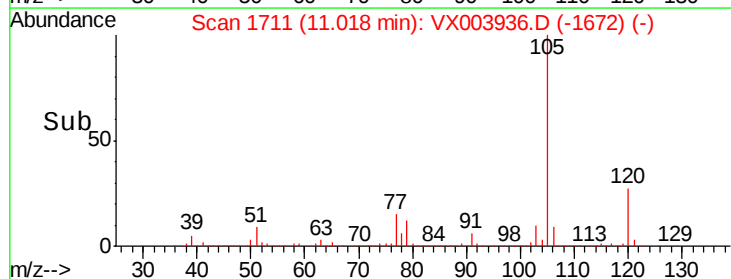
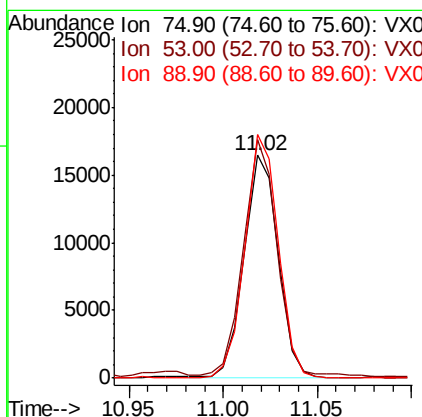
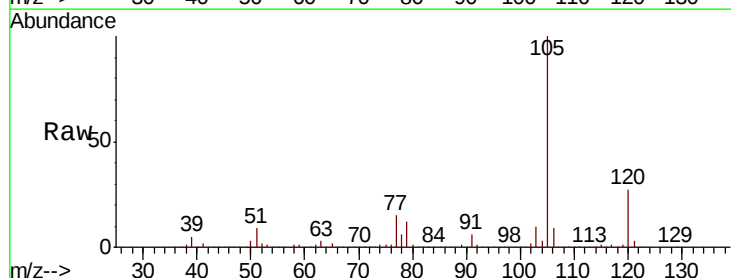
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0555

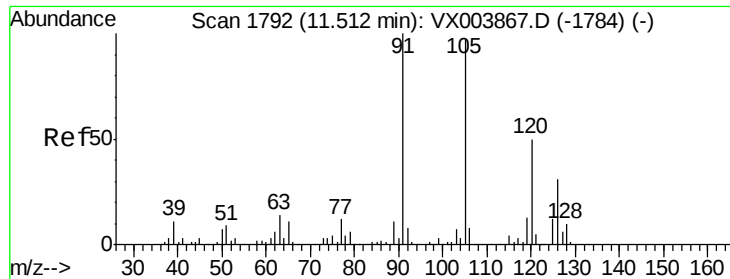
Tot Ion:105 Resp: 3728076
 Ion Ratio Lower Upper
 105 100
 120 51.4 25.4 76.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 10.54 ug/l
 RT: 11.02 min Scan# 1711
 Delta R.T. -0.06 min
 Lab File: VX003936.D
 Acq: 08 Aug 2018 20:51

Tgt Ion: 75 Resp: 20720
 Ion Ratio Lower Upper
 75 100
 53 105.8 80.3 120.5
 89 106.8 37.8 56.8#

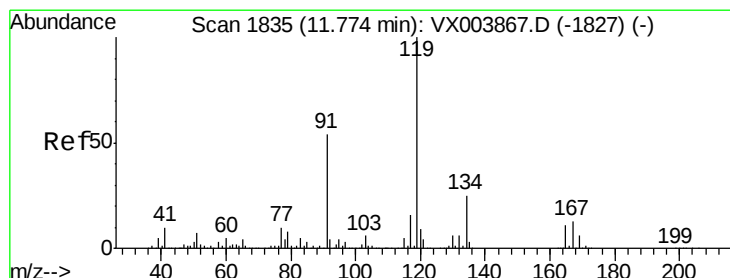
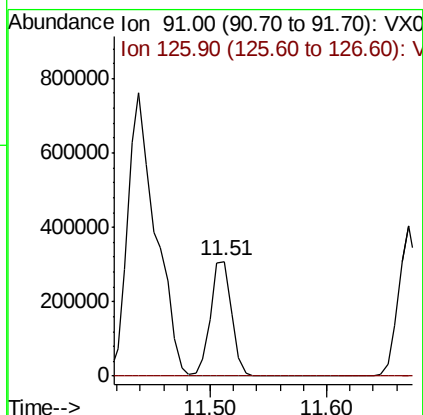
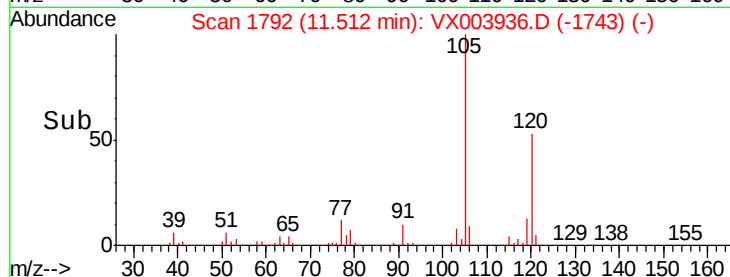
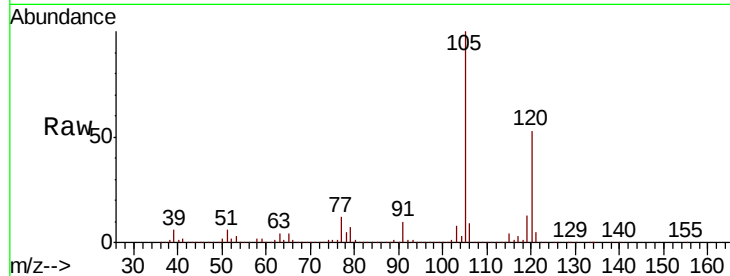




#82
4-Chlorotoluene
Concen: 21.99 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX003936.D
Acq: 08 Aug 2018 20:51

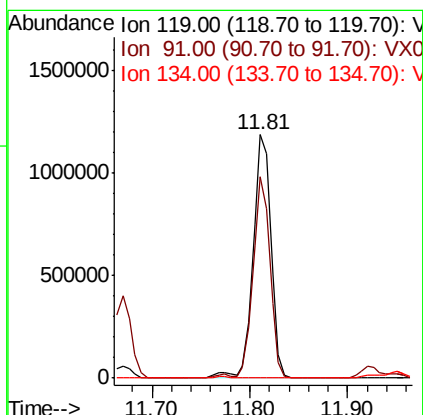
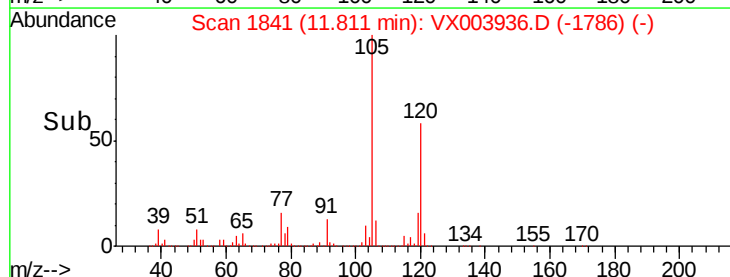
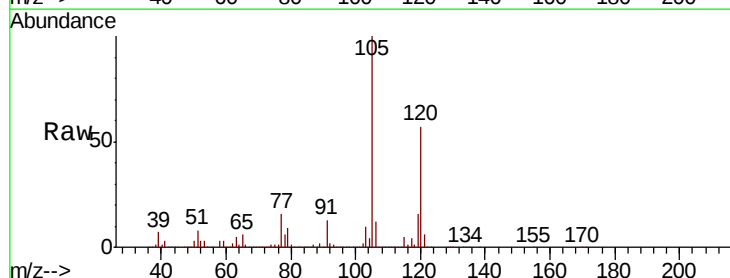
Instrument :
MSVOA_X
ClientSampled :
FL-0555

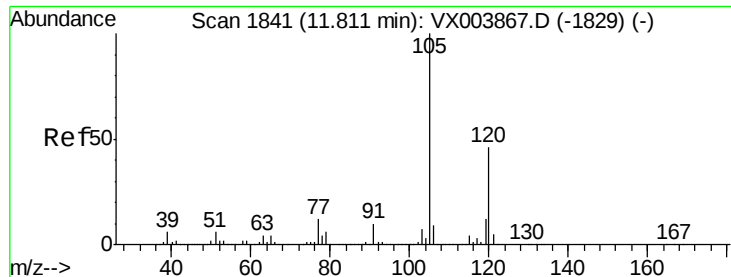
Tot Ion: 91 Resp: 382348
Ion Ratio Lower Upper
91 100
126 0.0 15.6 46.7#



#83
tert-Butylbenzene
Concen: 86.34 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.04 min
Lab File: VX003936.D
Acq: 08 Aug 2018 20:51

Tgt Ion: 119 Resp: 1501149
Ion Ratio Lower Upper
119 100
91 79.6 26.9 80.7
134 0.0 12.0 36.0#





#84

1,2,4-Trimethylbenzene

Concen: 566.26 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VX003936.D

Acq: 08 Aug 2018 20:51

Instrument :

MSVOA_X

ClientSampleId :

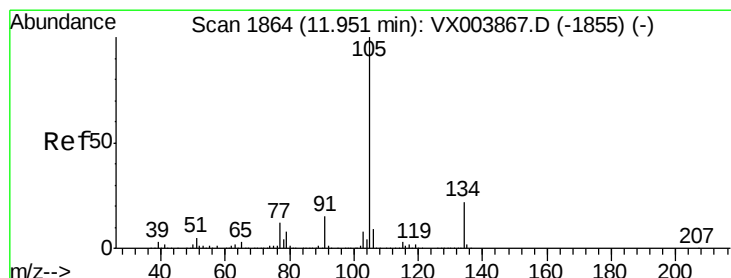
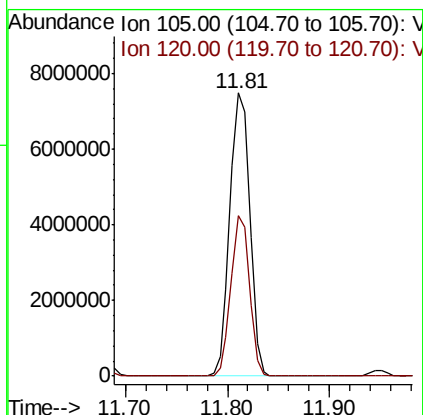
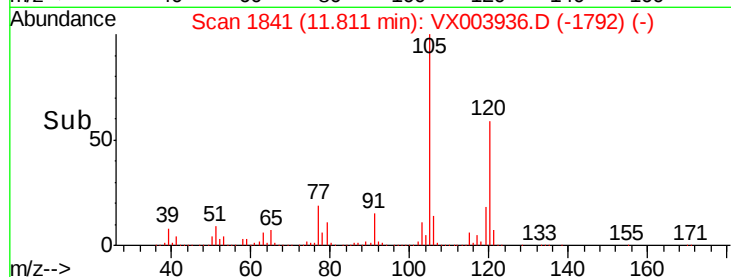
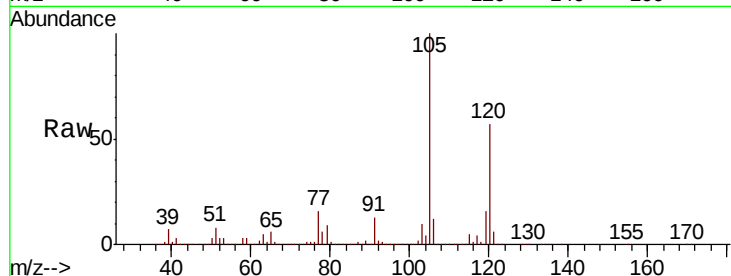
FL-0555

Tot Ion:105 Resp:10062650

Ion Ratio Lower Upper

105 100

120 53.0 23.1 69.2



#85

sec-Butylbenzene

Concen: 490.42 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.14 min

Lab File: VX003936.D

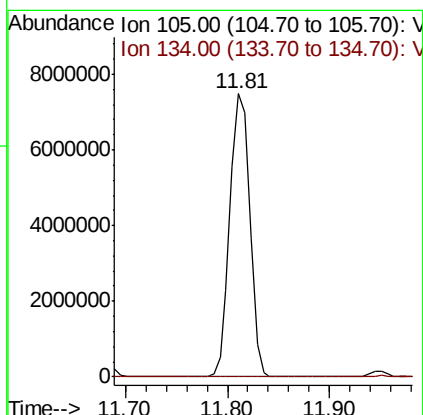
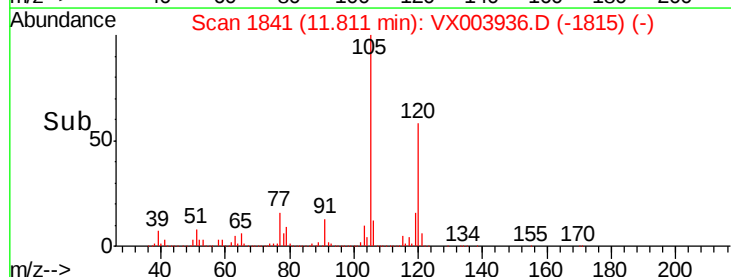
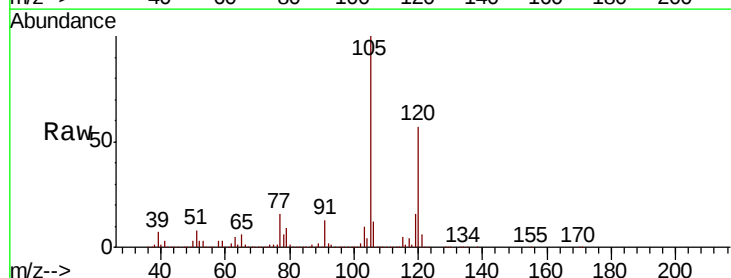
Acq: 08 Aug 2018 20:51

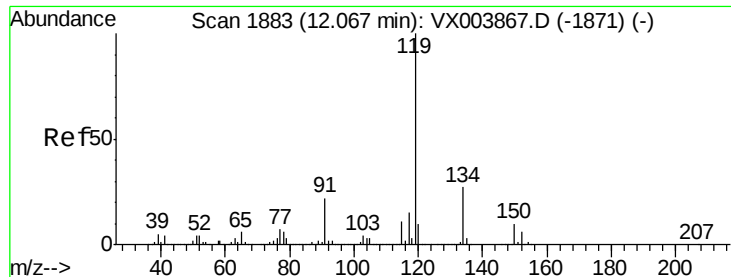
Tgt Ion:105 Resp:10062650

Ion Ratio Lower Upper

105 100

134 0.0 10.3 30.9#

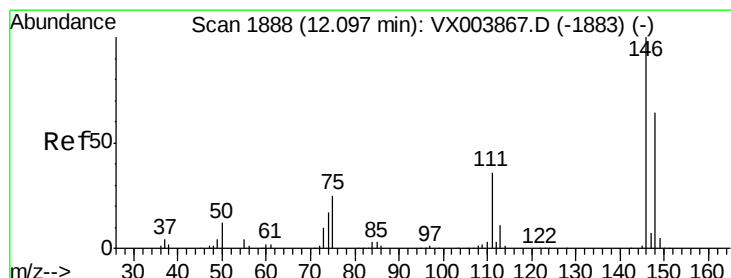
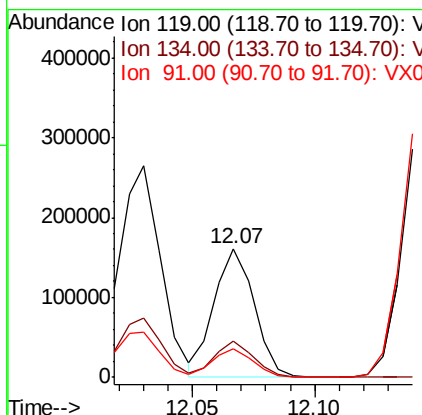
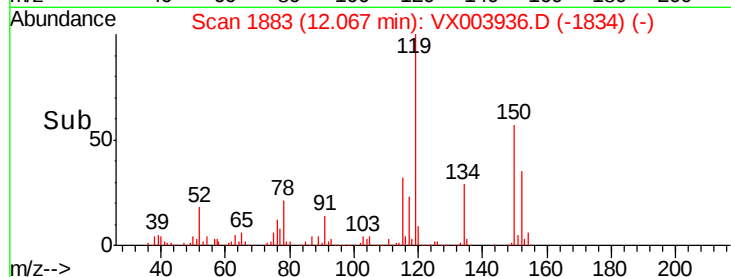
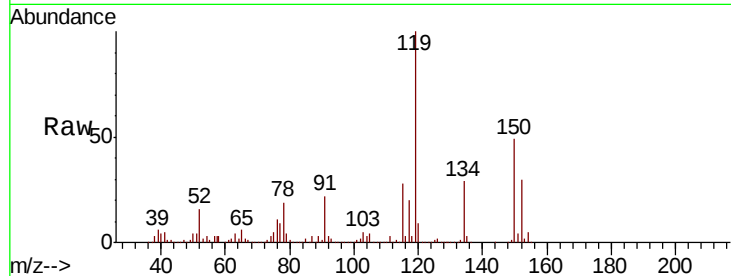




#86
p-Isopropyltoluene
Concen: 9.98 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. 0.00 min
Lab File: VX003936.D
Acq: 08 Aug 2018 20:51

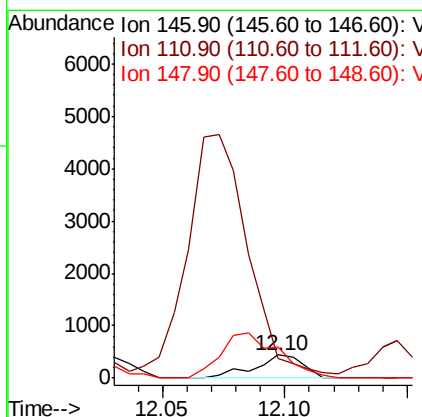
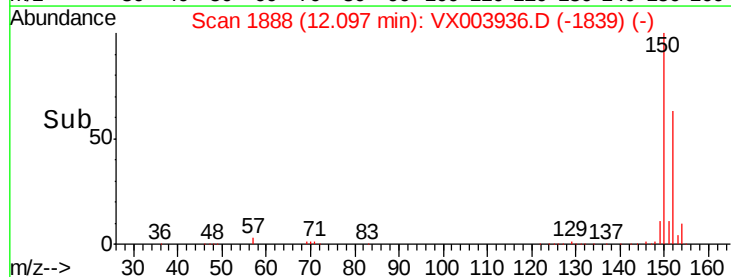
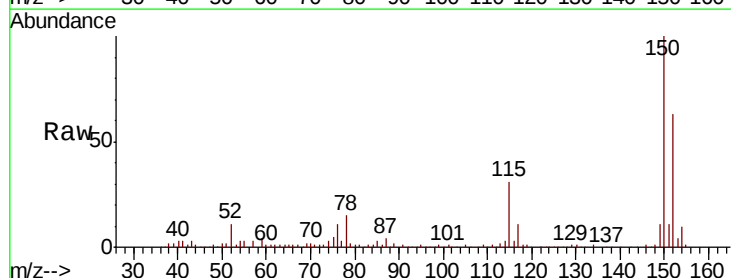
Instrument :
MSVOA_X
ClientSampleId :
FL-0555

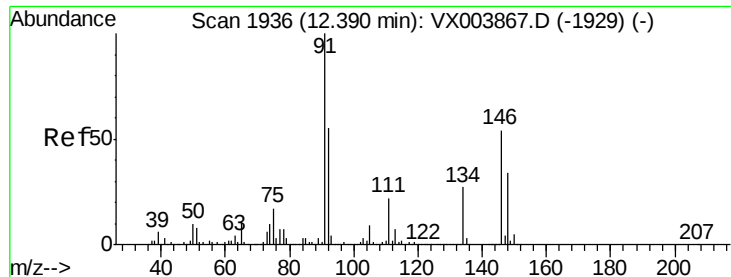
Tot Ion:119 Resp: 183736
Ion Ratio Lower Upper
119 100
134 27.4 13.3 39.8
91 21.9 10.9 32.7



#88
1,4-Dichlorobenzene
Concen: Below Cal
RT: 12.10 min Scan# 1888
Delta R.T. 0.00 min
Lab File: VX003936.D
Acq: 08 Aug 2018 20:51

Tgt Ion:146 Resp: 591
Ion Ratio Lower Upper
146 100
111 0.0 18.4 55.0#
148 240.8 32.3 96.8#

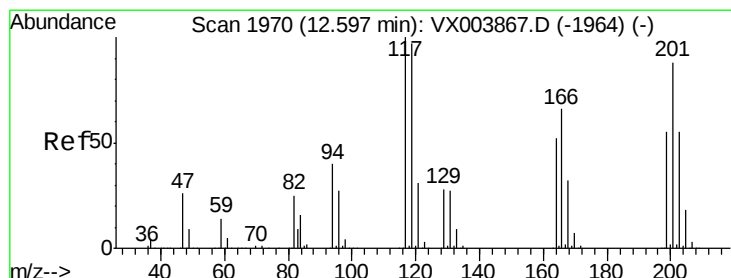
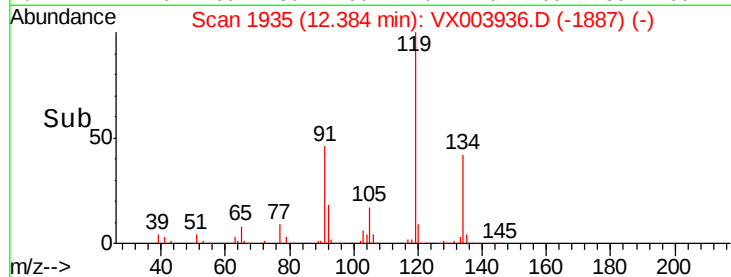
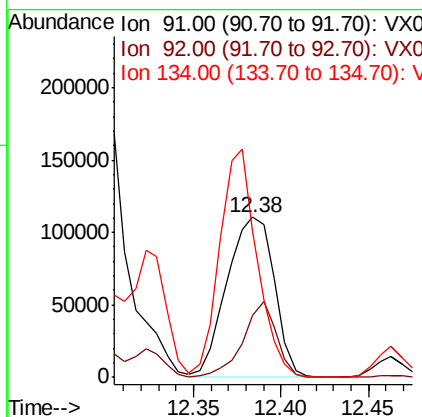
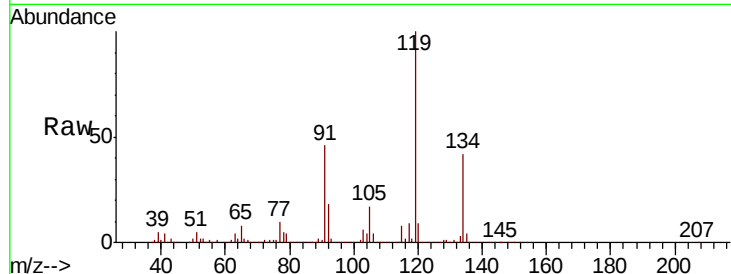




#89
n-Butylbenzene
Concen: 12.89 ug/l
RT: 12.38 min Scan# 1935
Delta R.T. -0.01 min
Lab File: VX003936.D
Acq: 08 Aug 2018 20:51

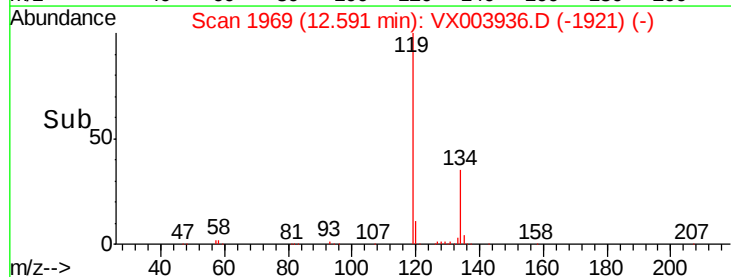
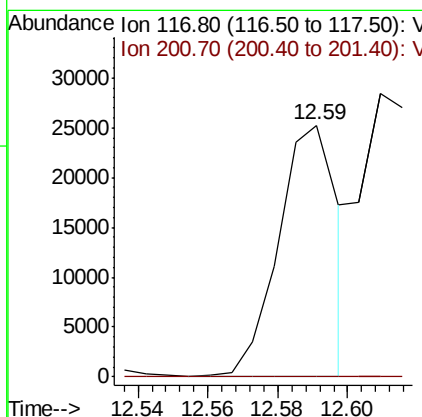
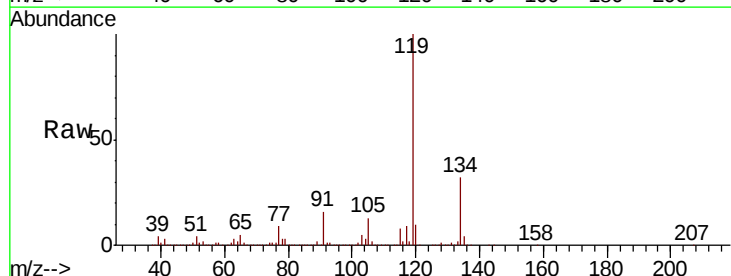
Instrument :
MSVOA_X
ClientSampleId :
FL-0555

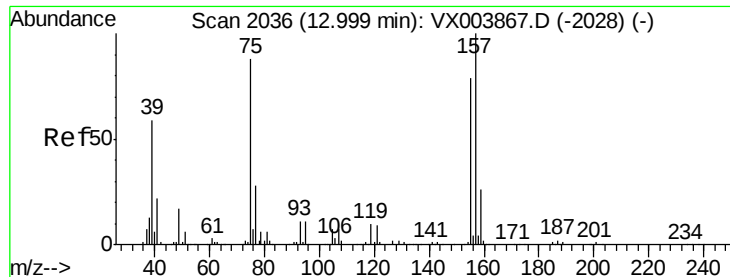
Tot Ion: 91 Resp: 206819
Ion Ratio Lower Upper
91 100
92 33.5 27.1 81.3
134 113.2 13.6 40.7#



#90
Hexachloroethane
Concen: 9.87 ug/l
RT: 12.59 min Scan# 1969
Delta R.T. -0.01 min
Lab File: VX003936.D
Acq: 08 Aug 2018 20:51

Tgt Ion: 117 Resp: 29496
Ion Ratio Lower Upper
117 100
201 0.0 46.1 138.2#





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.56 ug/l

RT: 12.98 min Scan# 2032

Delta R.T. -0.02 min

Lab File: VX003936.D

Acq: 08 Aug 2018 20:51

Instrument :

MSVOA_X

ClientSampled :

FL-0555

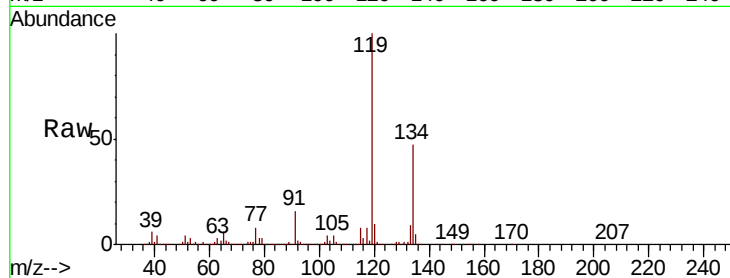
Tot Ion: 75 Resp: 2368

Ion Ratio Lower Upper

75 100

155 0.0 48.7 146.1#

157 0.0 62.6 187.8#

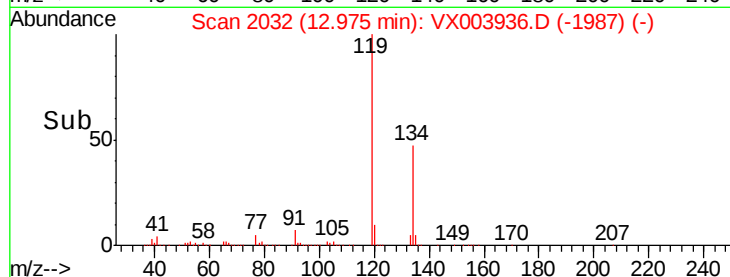


Abundance Ion 74.90 (74.60 to 75.60): VX003867.D (-2028) (-)

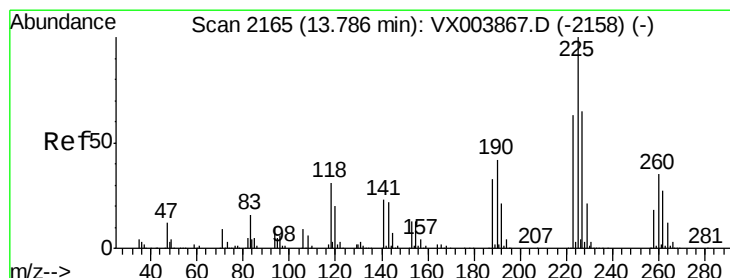
Ion 154.80 (154.50 to 155.50): VX003867.D (-2028) (-)

Ion 156.80 (156.50 to 157.50): VX003867.D (-2028) (-)

Time--> 12.90 12.95 13.00



Time--> 12.90 12.95 13.00



#94

Hexachlorobutadiene

Concen: 0.51 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VX003936.D

Acq: 08 Aug 2018 20:51

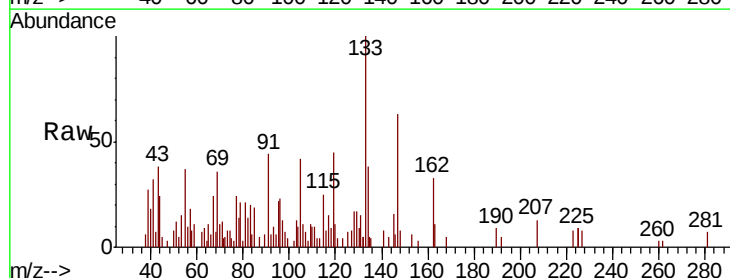
Tgt Ion: 225 Resp: 280

Ion Ratio Lower Upper

225 100

223 58.6 31.4 94.0

227 45.4 32.1 96.5

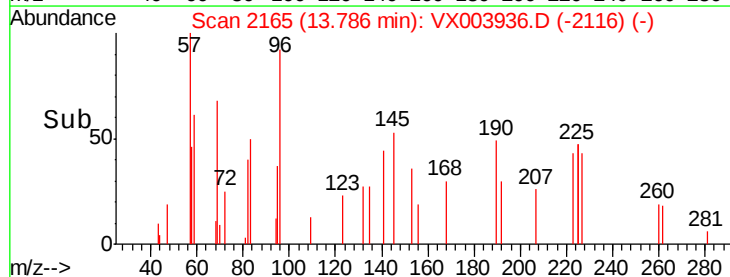


Abundance Ion 224.70 (224.40 to 225.40): VX003867.D (-2158) (-)

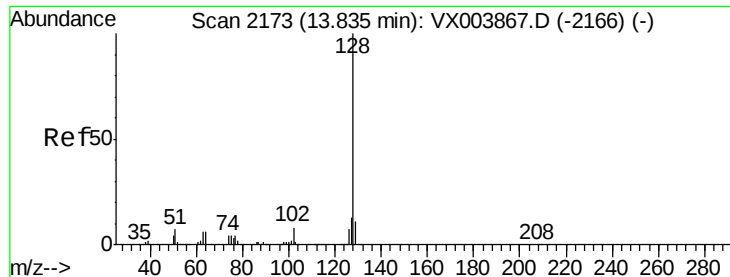
Ion 222.70 (222.40 to 223.40): VX003867.D (-2158) (-)

Ion 226.70 (226.40 to 227.40): VX003867.D (-2158) (-)

Time--> 13.76 13.78 13.80



Time--> 13.76 13.78 13.80



#95
Naphthalene
Concen: 247.36 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX003936.D
Acq: 08 Aug 2018 20:51

Instrument :
MSVOA_X
ClientSampleId :
FL-0555

Tot Ion:128 Resp: 5397983
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.2
129 11.5 8.8 13.2

