

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080518\
 Data File : VX003859.D
 Acq On : 03 Aug 2018 20:01
 Operator : JC/MD
 Sample : J4263-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0520

Quant Time: Aug 04 00:50:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080318W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 03 01:55:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	82299	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	127728	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	111309	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	65217	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	48053	44.27	ug/l	0.00
Spiked Amount			Recovery	=	88.54%	
35) Dibromofluoromethane	5.50	113	42648	42.50	ug/l	0.00
Spiked Amount			Recovery	=	85.00%	
50) Toluene-d8	8.72	98	167824	43.64	ug/l	0.00
Spiked Amount			Recovery	=	87.28%	
62) 4-Bromofluorobenzene	11.14	95	59287	42.67	ug/l	0.00
Spiked Amount			Recovery	=	85.34%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	623	Below Cal		99
5) Bromomethane	1.65	94	91	Below Cal		89
6) Chloroethane	1.50	64	7835	12.38	ug/l #	50
10) Methyl Iodide	2.52	142	275	0.24	ug/l #	68
11) Tert butyl alcohol	3.07	59	49	0.21	ug/l #	72
13) Acrolein	2.39	56	5935	30.13	ug/l #	74
14) Allyl chloride	2.62	41	989	0.65	ug/l #	64
15) Acrylonitrile	3.17	53	4069	7.27	ug/l #	40
16) Acetone	2.45	43	2170	3.80	ug/l	94
18) Methyl Acetate	2.84	43	44325	36.89	ug/l #	51
20) Methylene Chloride	2.84	84	431	0.43	ug/l #	1
26) 2,2-Dichloropropane	4.40	77	1880	1.70	ug/l #	50
29) Tetrahydrofuran	5.23	42	186	0.37	ug/l #	1
30) Chloroform	5.26	83	380	0.22	ug/l #	16
31) Cyclohexane	5.57	56	105699	76.63	ug/l	91
36) 1,1-Dichloropropene	5.66	75	4936	3.63	ug/l #	48
38) Carbon Tetrachloride	5.66	117	7189	5.33	ug/l #	16
39) Methylcyclohexane	7.46	83	83955	56.02	ug/l	99
41) Methacrylonitrile	5.23	41	1899	2.21	ug/l #	45
43) Isopropyl Acetate	6.45	43	1615	0.68	ug/l #	60
45) 1,2-Dichloropropane	7.46	63	819	0.74	ug/l #	1
48) Methyl methacrylate	7.73	41	4180	3.47	ug/l #	58
51) 4-Methyl-2-Pentanone	8.66	43	994	0.50	ug/l #	35
55) 1,1,2-Trichloroethane	9.17	97	4857	4.38	ug/l #	20
56) Ethyl methacrylate	9.16	69	1126	0.72	ug/l #	1
67) Ethyl Benzene	10.26	91	12993	2.96	ug/l	99
68) m/p-Xylenes	10.36	106	13169	7.68	ug/l	100
69) o-Xylene	10.70	106	504	0.30	ug/l	88
73) Isopropylbenzene	11.02	105	4606	1.10	ug/l	99
74) N-amyl acetate	6.45	43	1615	0.78	ug/l #	55
75) 1,1,2,2-Tetrachloroethane	11.27	83	695	0.46	ug/l #	26
76) 1,2,3-Trichloropropane	11.14	75	27920	21.24	ug/l #	36
78) n-propylbenzene	11.36	91	9409	1.99	ug/l	99
79) 2-Chlorotoluene	11.44	91	7224	2.47	ug/l #	39

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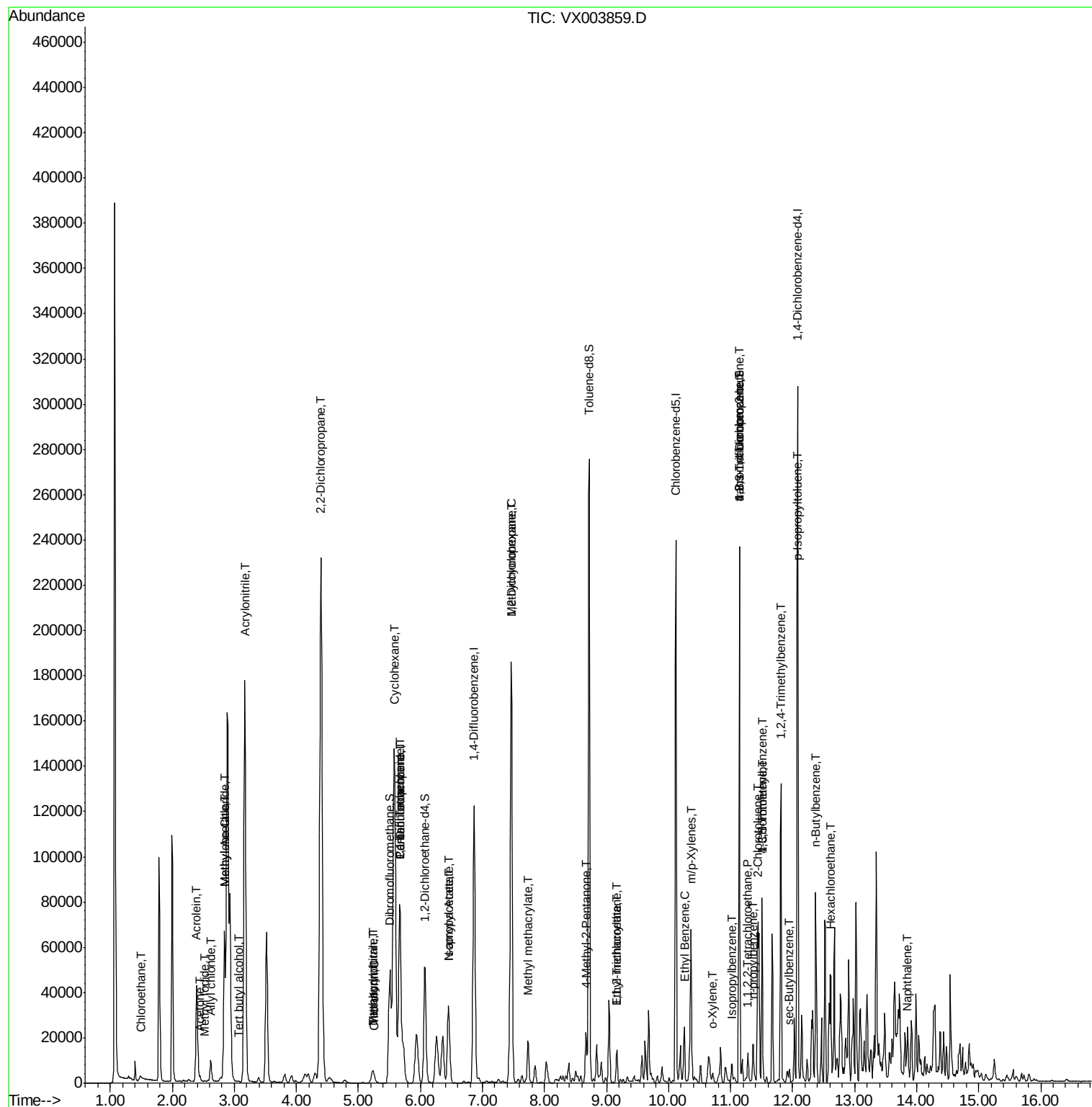
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) 1,3,5-Trimethylbenzene	11.51	105	36024	10.27	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.14	75	27920	66.94	ug/l #	12
82) 4-Chlorotoluene	11.51	91	3815	1.13	ug/l #	43
84) 1,2,4-Trimethylbenzene	11.81	105	55995	15.43	ug/l	99
85) sec-Butylbenzene	11.95	105	3090	0.76	ug/l	88
86) p-Isopropyltoluene	12.07	119	7259	1.97	ug/l	96
89) n-Butylbenzene	12.38	91	7498	2.37	ug/l #	1
90) Hexachloroethane	12.61	117	3618	6.05	ug/l #	1
95) Naphthalene	13.83	128	2135	0.46	ug/l #	58

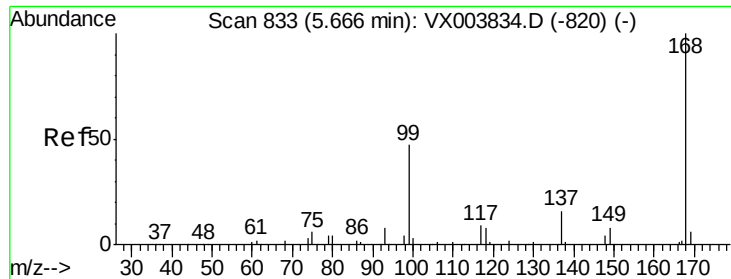
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX003859.D

Acq: 03 Aug 2018 20:01

Instrument :

MSVOA_X

ClientSampleId :

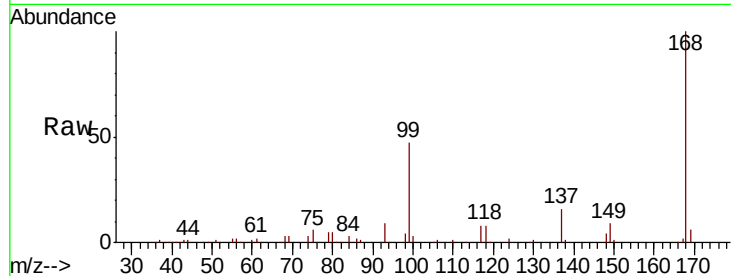
FL-0520

Tot Ion:168 Resp: 82299

Ion Ratio Lower Upper

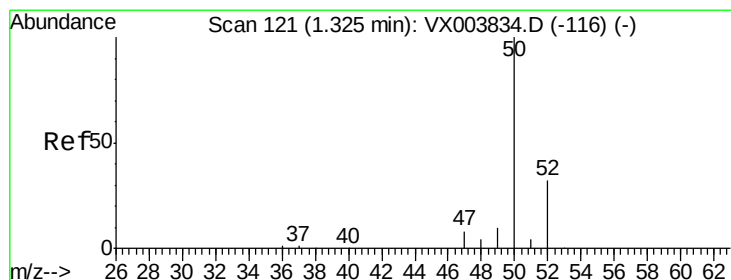
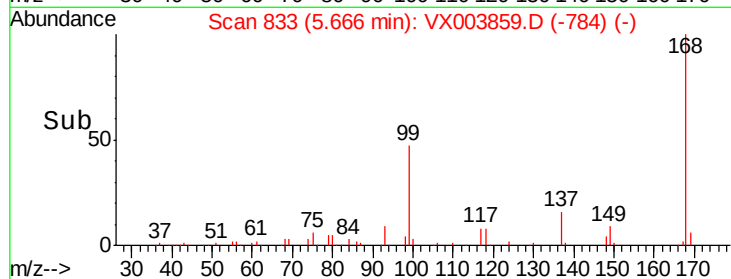
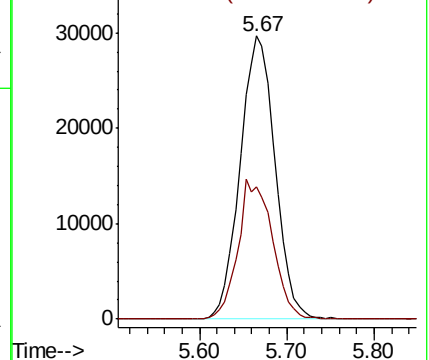
168 100

99 46.7 38.1 57.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: Below Cal

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003859.D

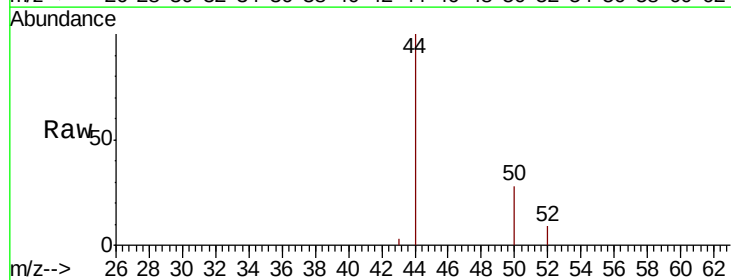
Acq: 03 Aug 2018 20:01

Tgt Ion: 50 Resp: 623

Ion Ratio Lower Upper

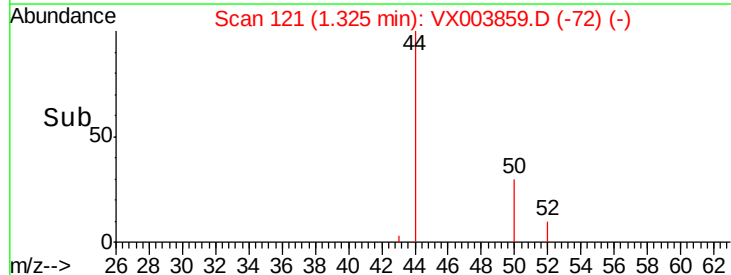
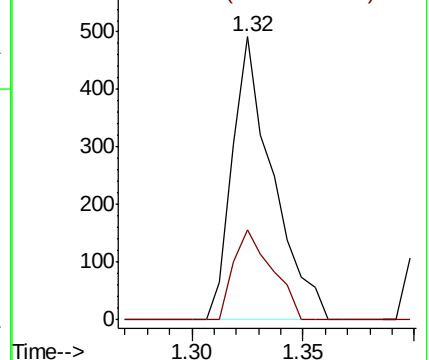
50 100

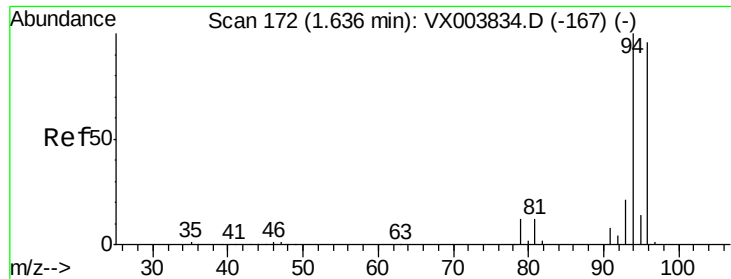
52 31.9 25.8 38.8



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: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX003859.D

Acq: 03 Aug 2018 20:01

Instrument :

MSVOA_X

ClientSampled :

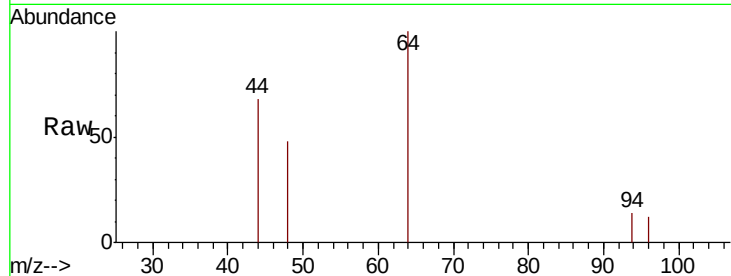
FL-0520

Tot Ion: 94 Resp: 91

Ion Ratio Lower Upper

94 100

96 85.4 76.9 115.3



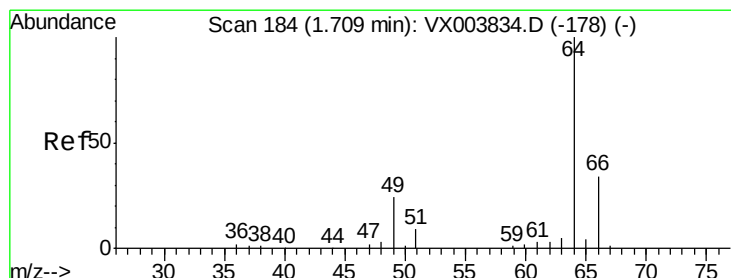
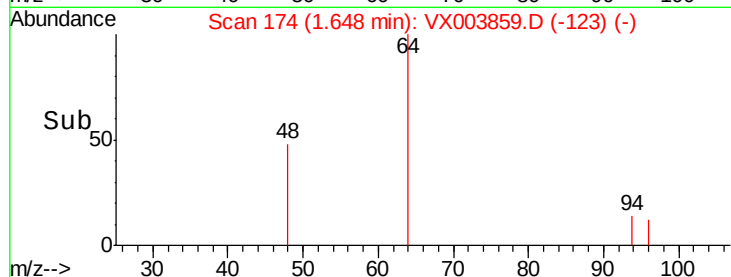
Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

1.66

Time-->



#6

Chloroethane

Concen: 12.38 ug/l

RT: 1.50 min Scan# 149

Delta R.T. -0.21 min

Lab File: VX003859.D

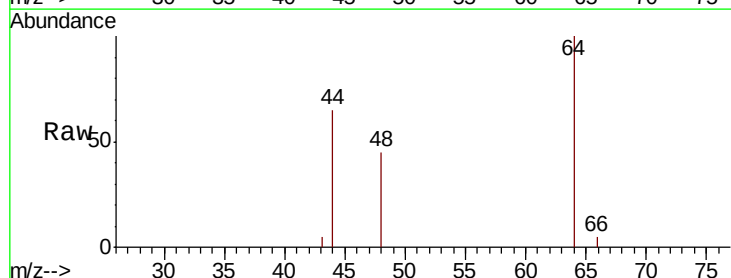
Acq: 03 Aug 2018 20:01

Tgt Ion: 64 Resp: 7835

Ion Ratio Lower Upper

64 100

66 5.1 27.2 40.8#



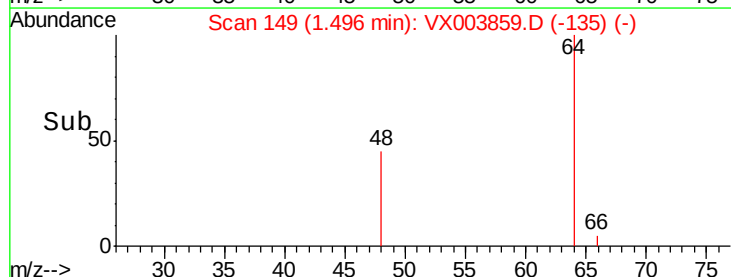
Abundance Ion 63.90 (63.60 to 64.60): VX0

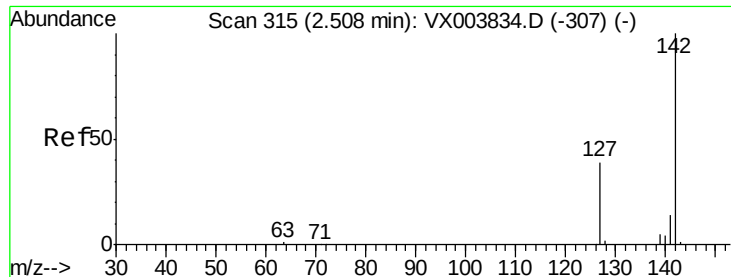
Ion 65.90 (65.60 to 66.60): VX0

1.50

1.60

Time-->

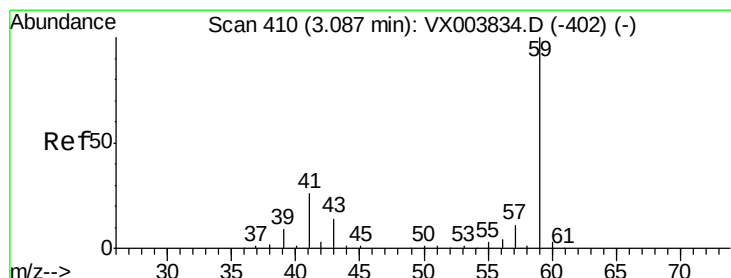
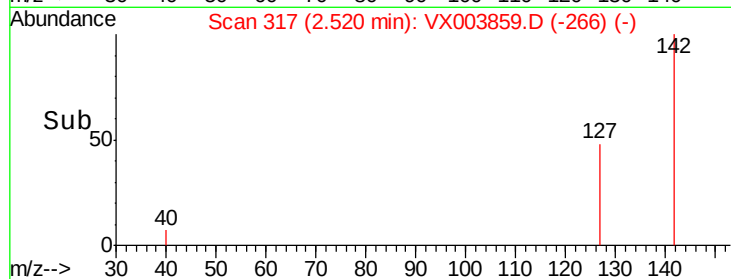
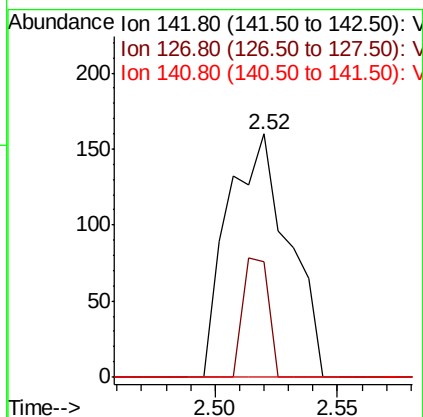
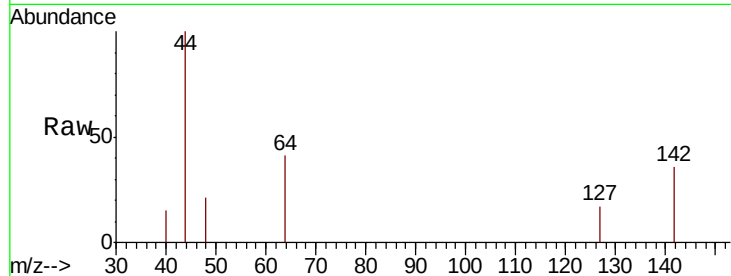




#10
Methyl Iodide
Concen: 0.24 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX003859.D
Acq: 03 Aug 2018 20:01

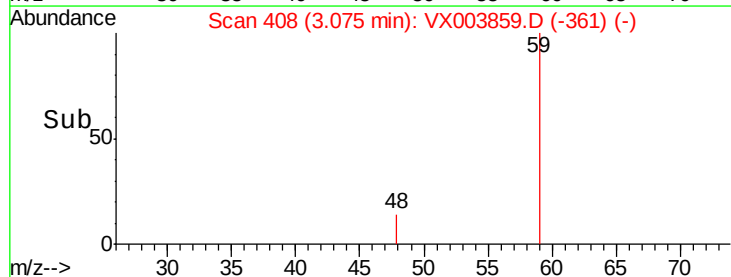
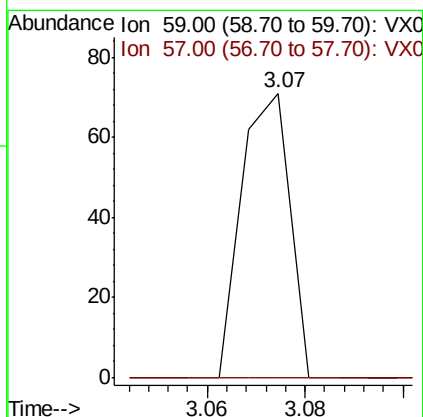
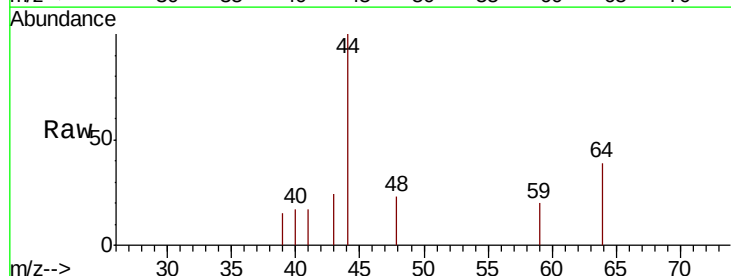
Instrument :
MSVOA_X
ClientSampled :
FL-0520

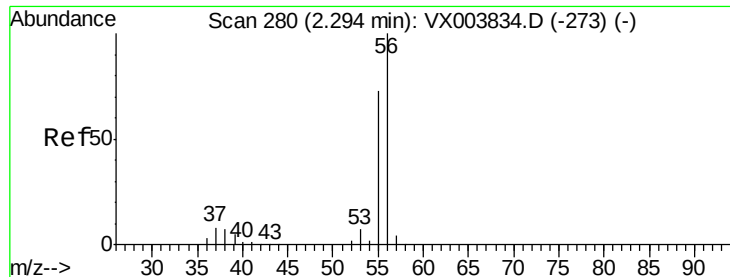
Tot Ion:142 Resp: 275
Ion Ratio Lower Upper
142 100
127 20.4 31.8 47.8#
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: 0.21 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX003859.D
Acq: 03 Aug 2018 20:01

Tgt Ion: 59 Resp: 49
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#





#13

Acrolein

Concen: 30.13 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.10 min

Lab File: VX003859.D

Acq: 03 Aug 2018 20:01

Instrument :

MSVOA_X

ClientSampleId :

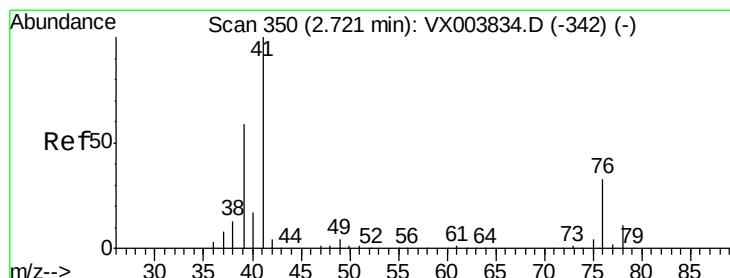
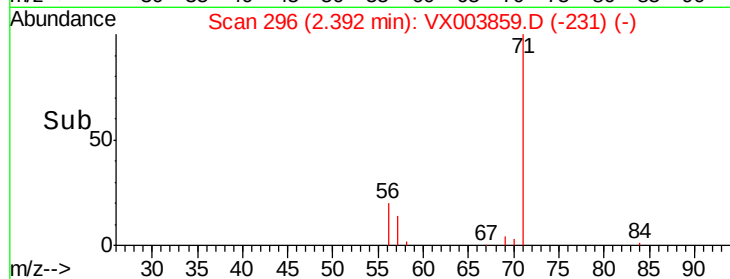
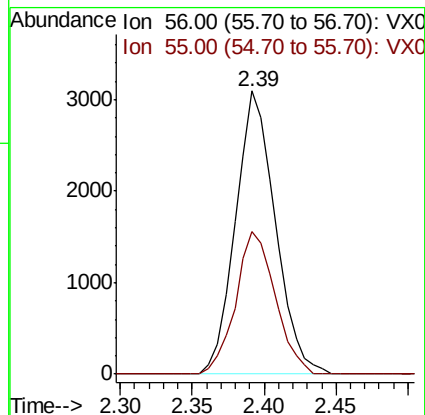
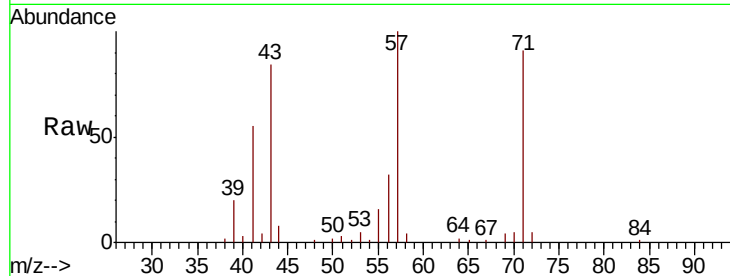
FL-0520

Tot Ion: 56 Resp: 5935

Ion Ratio Lower Upper

56 100

55 50.0 57.7 86.5#



#14

Allyl chloride

Concen: 0.65 ug/l

RT: 2.62 min Scan# 334

Delta R.T. -0.10 min

Lab File: VX003859.D

Acq: 03 Aug 2018 20:01

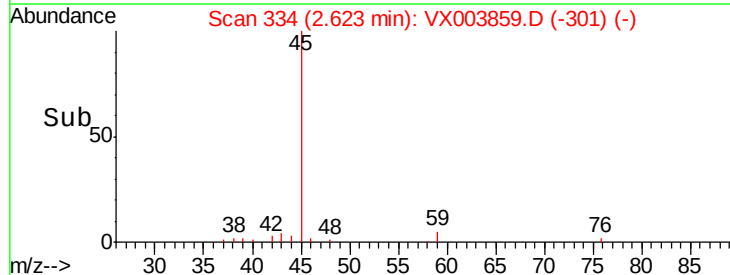
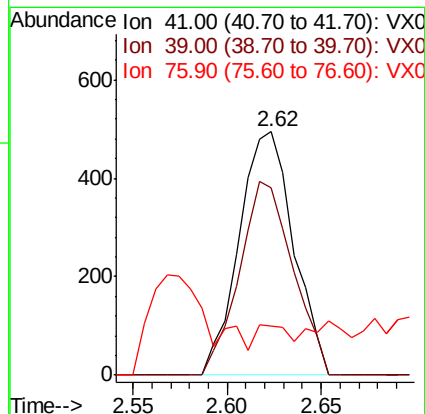
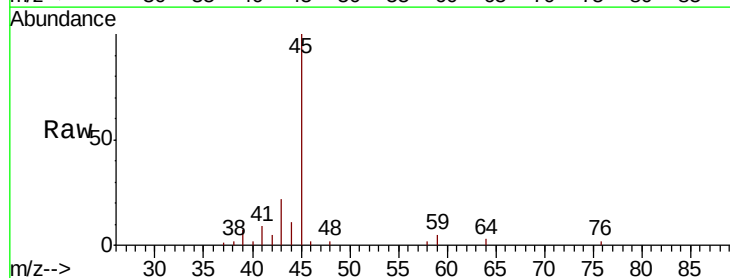
Tgt Ion: 41 Resp: 989

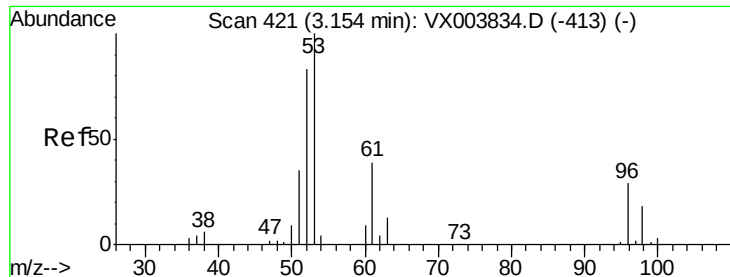
Ion Ratio Lower Upper

41 100

39 78.6 46.1 69.1#

76 6.1 26.8 40.2#





#15

Acrylonitrile

Concen: 7.27 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.01 min

Lab File: VX003859.D

Acq: 03 Aug 2018 20:01

Instrument :

MSVOA_X

ClientSampleId :

FL-0520

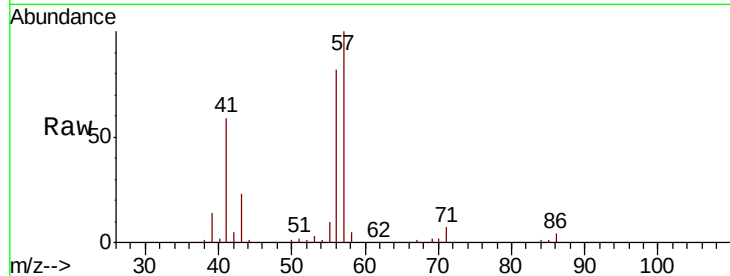
Tot Ion: 53 Resp: 4069

Ion Ratio Lower Upper

53 100

52 19.2 65.9 98.9#

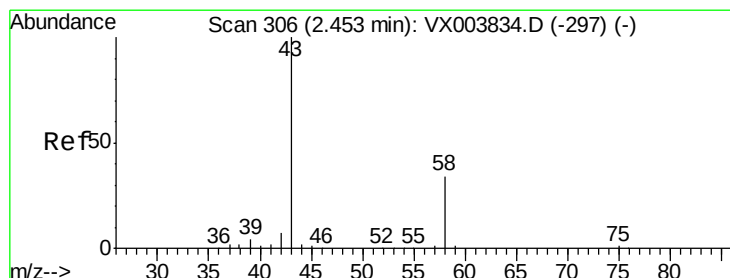
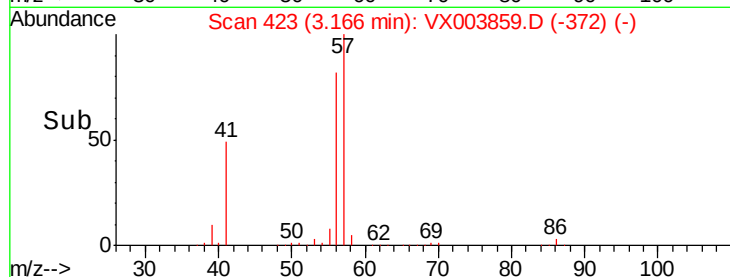
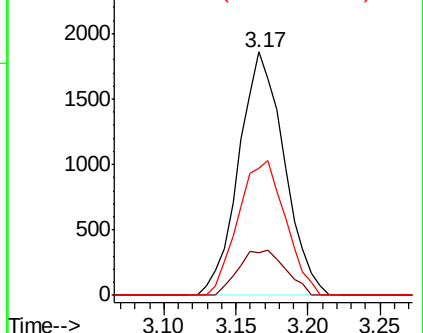
51 57.8 28.6 43.0#



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 3.80 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX003859.D

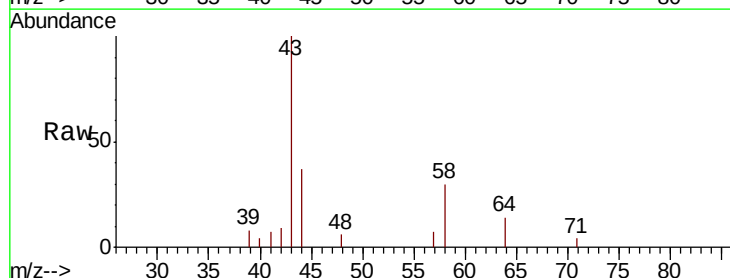
Acq: 03 Aug 2018 20:01

Tgt Ion: 43 Resp: 2170

Ion Ratio Lower Upper

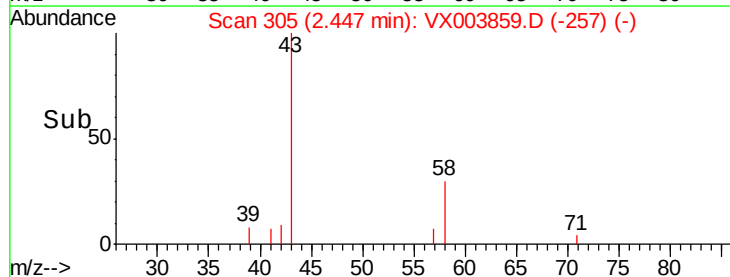
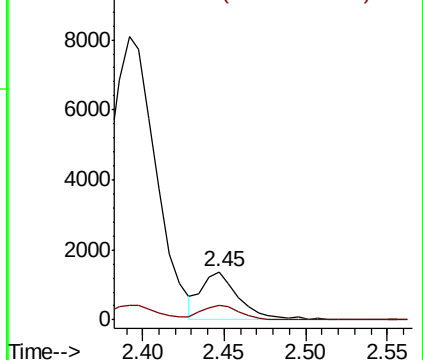
43 100

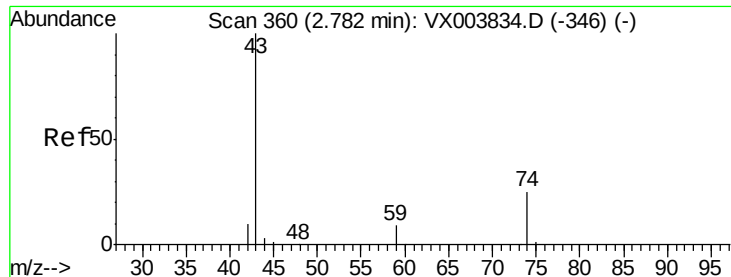
58 30.4 27.0 40.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

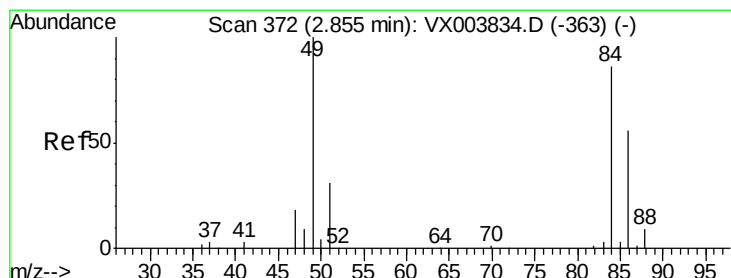
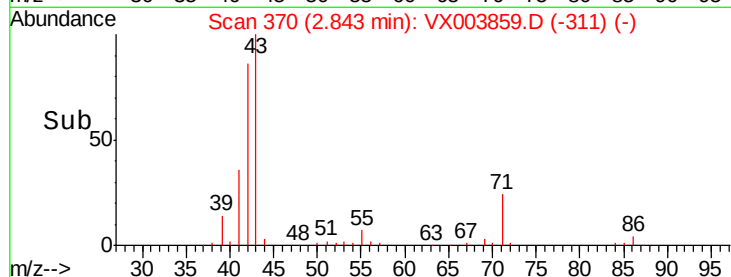
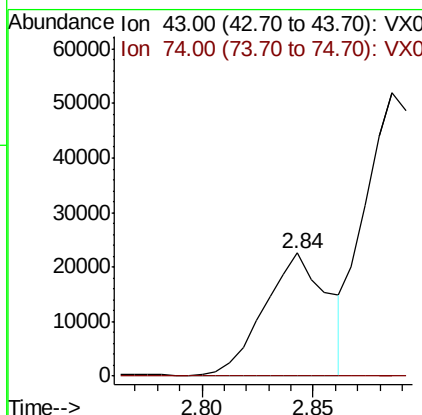
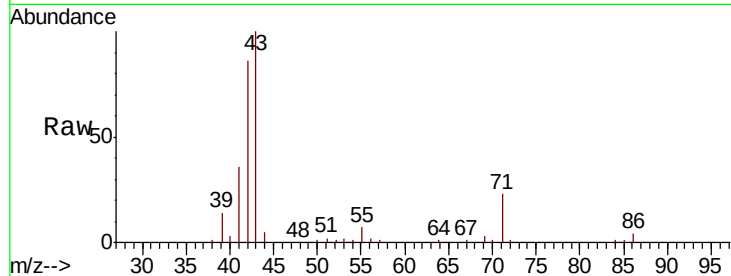




#18
Methyl Acetate
Concen: 36.89 ug/l
RT: 2.84 min Scan# 370
Delta R.T. 0.06 min
Lab File: VX003859.D
Acq: 03 Aug 2018 20:01

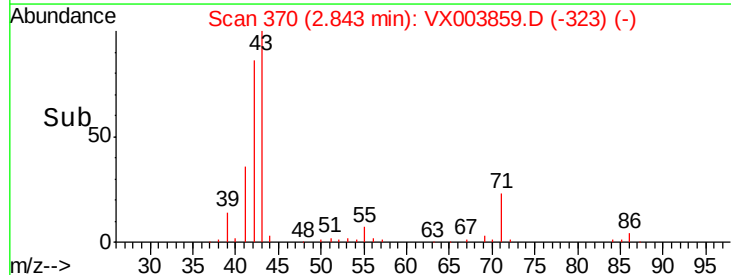
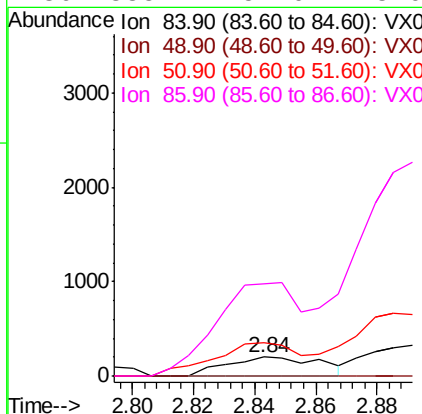
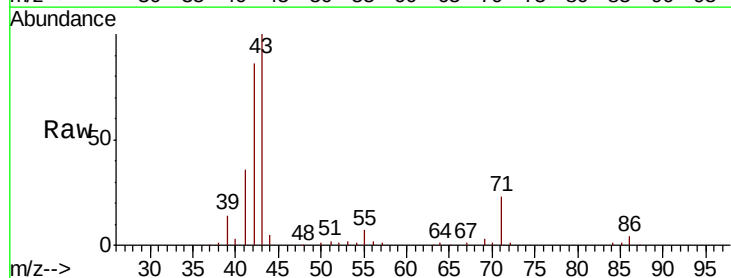
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FL-0520

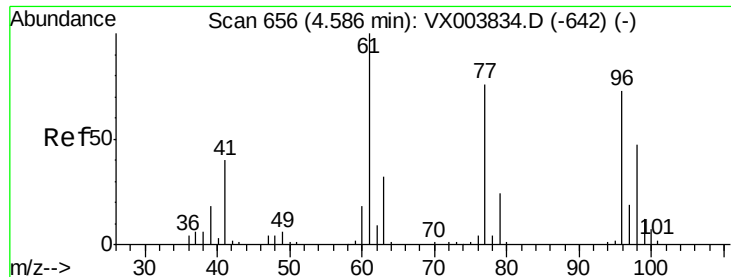
Tot Ion: 43 Resp: 44325
Ion Ratio Lower Upper
43 100
74 0.0 19.2 28.8#



#20
Methylene Chloride
Concen: 0.43 ug/l
RT: 2.84 min Scan# 370
Delta R.T. -0.01 min
Lab File: VX003859.D
Acq: 03 Aug 2018 20:01

Tgt Ion: 84 Resp: 431
Ion Ratio Lower Upper
84 100
49 0.0 93.2 139.8#
51 120.7 29.2 43.8#
86 385.4 52.0 78.0#

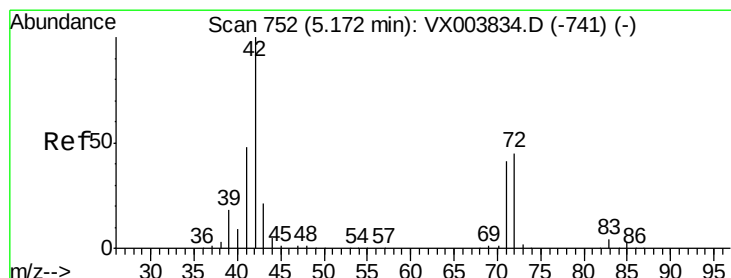
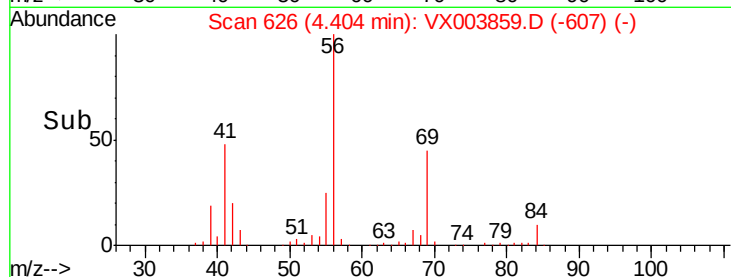
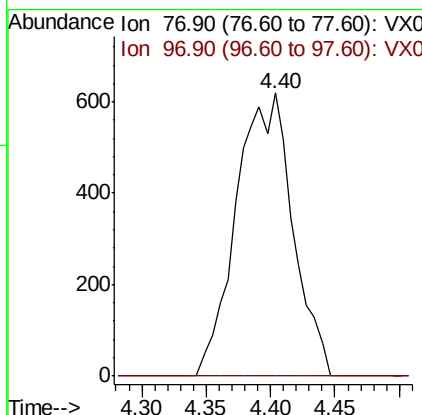
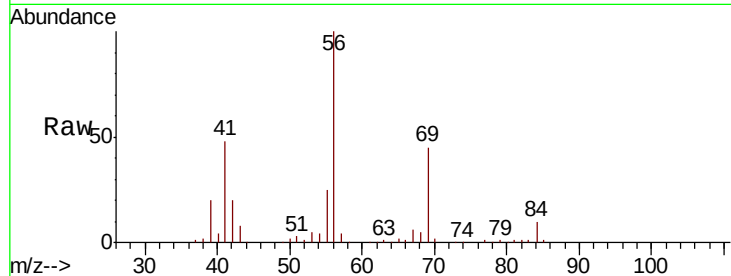




#26
2,2-Dichloropropane
Concen: 1.70 ug/l
RT: 4.40 min Scan# 626
Delta R.T. -0.18 min
Lab File: VX003859.D
Acq: 03 Aug 2018 20:01

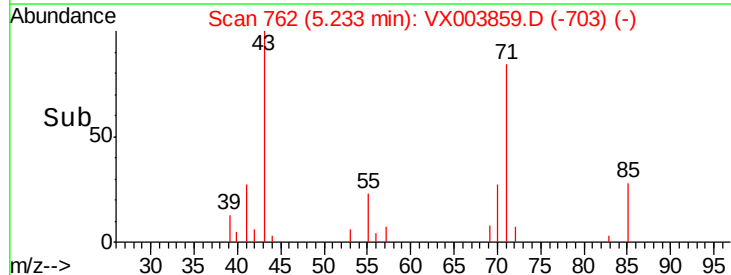
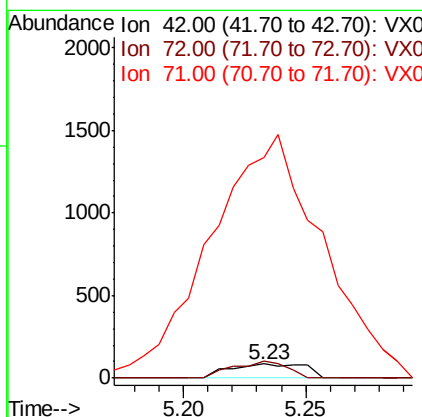
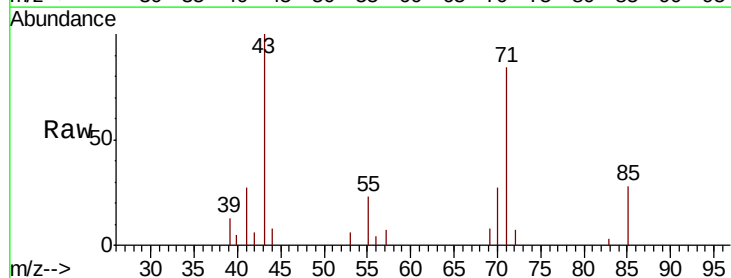
Instrument :
MSVOA_X
ClientSampled :
FL-0520

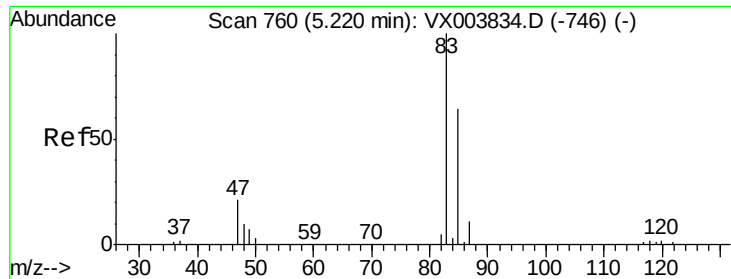
Tot Ion: 77 Resp: 1880
Ion Ratio Lower Upper
77 100
97 0.0 12.8 38.3#



#29
Tetrahydrofuran
Concen: 0.37 ug/l
RT: 5.23 min Scan# 762
Delta R.T. 0.06 min
Lab File: VX003859.D
Acq: 03 Aug 2018 20:01

Tgt Ion: 42 Resp: 186
Ion Ratio Lower Upper
42 100
72 87.1 36.1 54.1#
71 2545.7 33.6 50.4#





#30

Chloroform

Concen: 0.22 ug/l

RT: 5.26 min Scan# 767

Delta R.T. 0.04 min

Lab File: VX003859.D

Acq: 03 Aug 2018 20:01

Instrument :

MSVOA_X

ClientSampled :

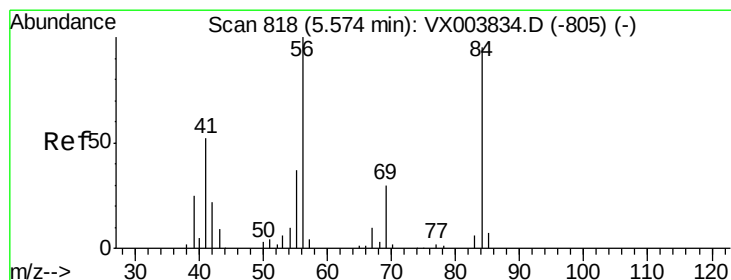
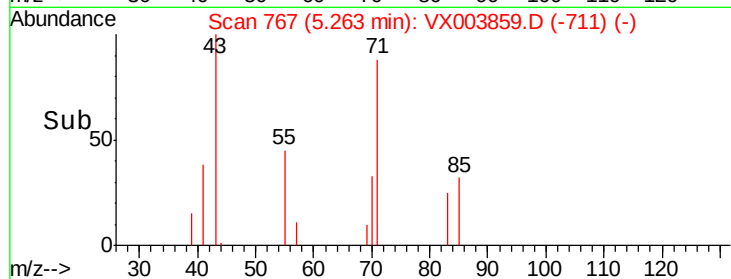
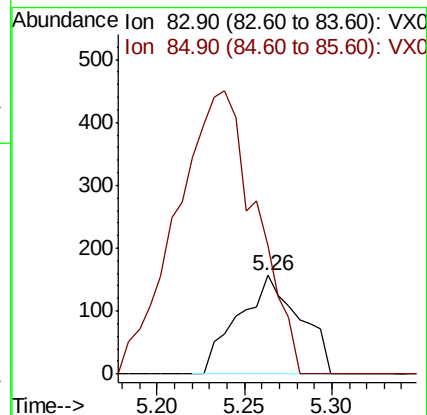
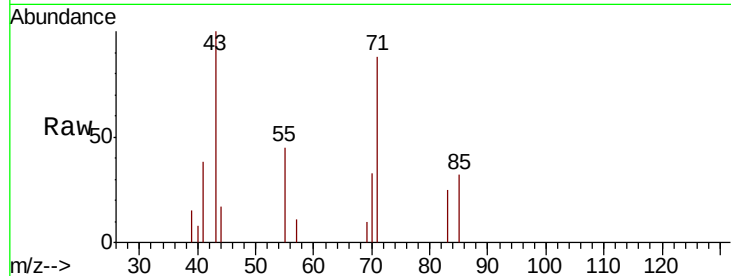
FL-0520

Tot Ion: 83 Resp: 380

Ion Ratio Lower Upper

83 100

85 130.6 51.5 77.3#



#31

Cyclohexane

Concen: 76.63 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX003859.D

Acq: 03 Aug 2018 20:01

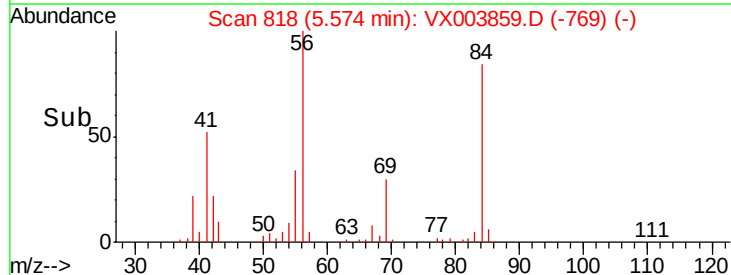
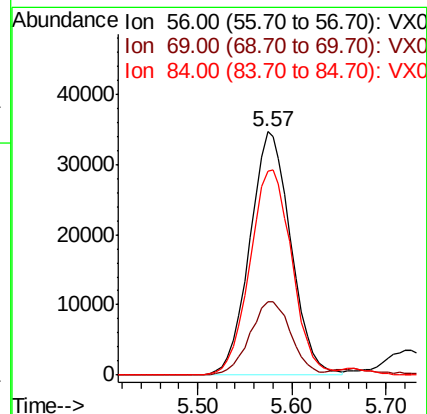
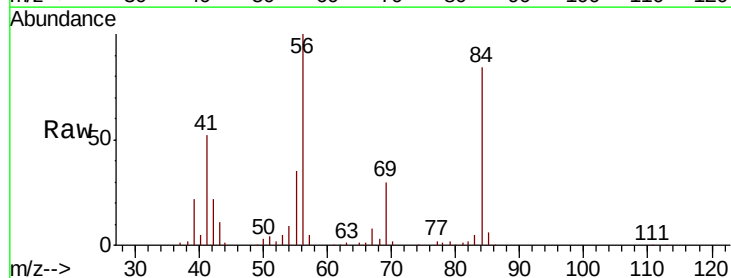
Tgt Ion: 56 Resp: 105699

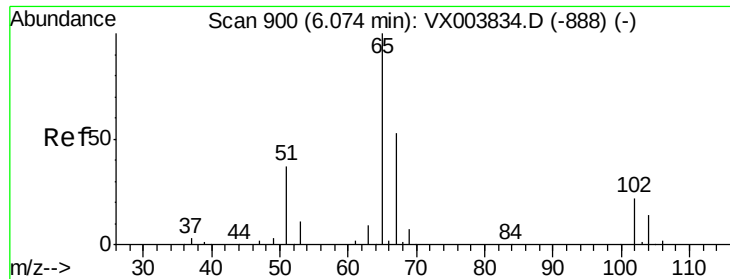
Ion Ratio Lower Upper

56 100

69 29.8 23.7 35.5

84 83.6 75.7 113.5

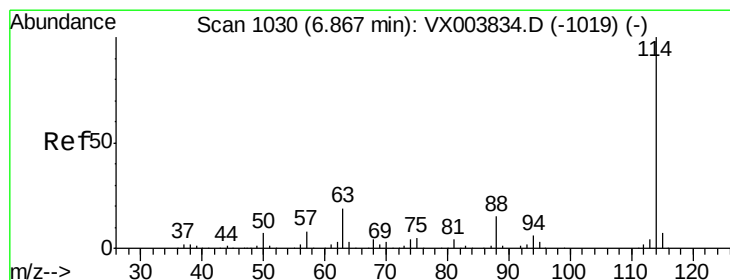
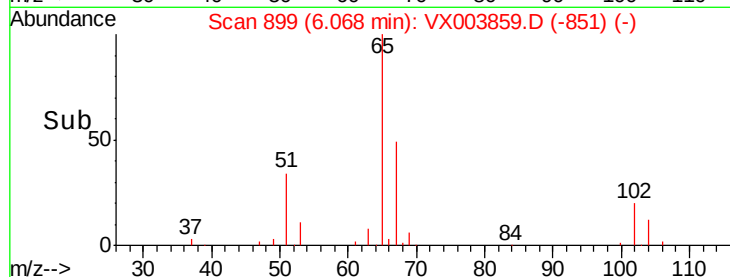
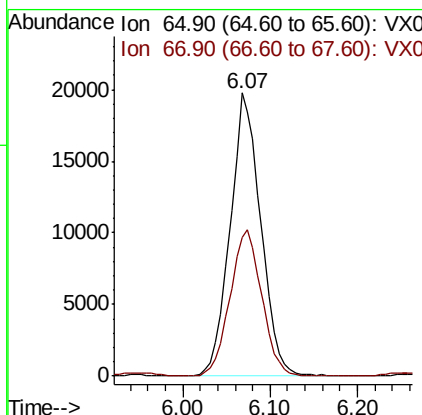
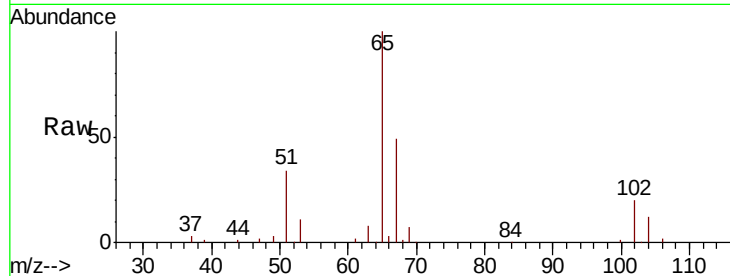




#33
 1,2-Dichloroethane-d4
 Concen: 44.27 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VX003859.D
 Acq: 03 Aug 2018 20:01

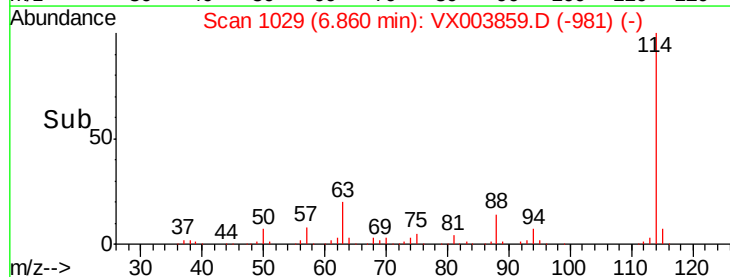
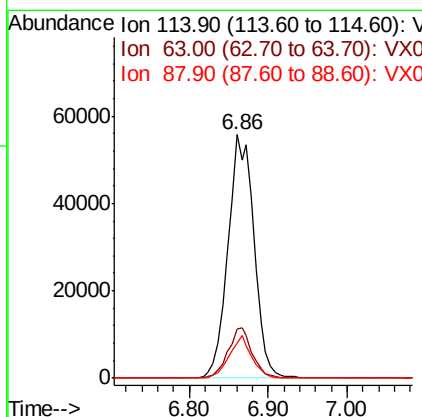
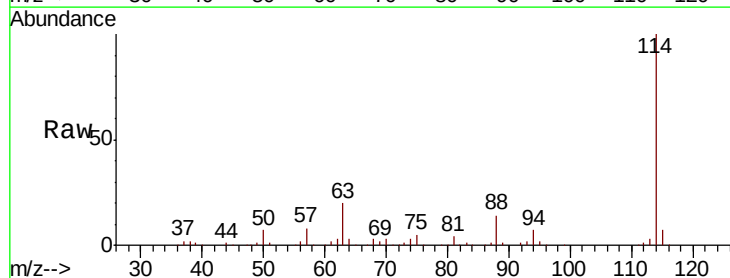
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0520

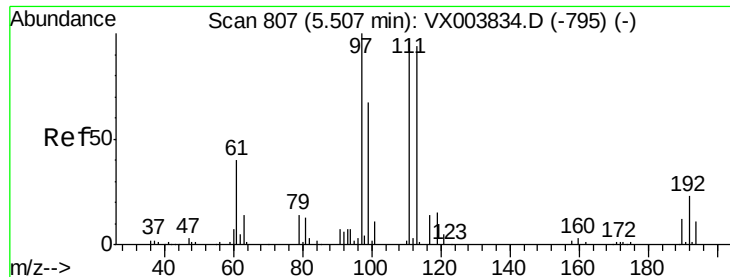
Tot Ion: 65 Resp: 48053
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX003859.D
 Acq: 03 Aug 2018 20:01

Tgt Ion: 114 Resp: 127728
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 38.2
 88 14.4 0.0 29.6





#35

Dibromofluoromethane

Concen: 42.50 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX003859.D

Acq: 03 Aug 2018 20:01

Instrument :

MSVOA_X

ClientSampleId :

FL-0520

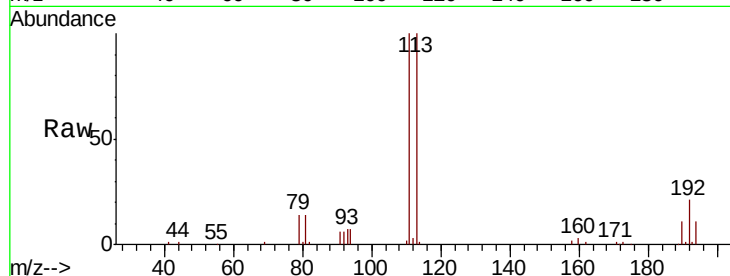
Tot Ion:113 Resp: 42648

Ion Ratio Lower Upper

113 100

111 101.7 81.1 121.7

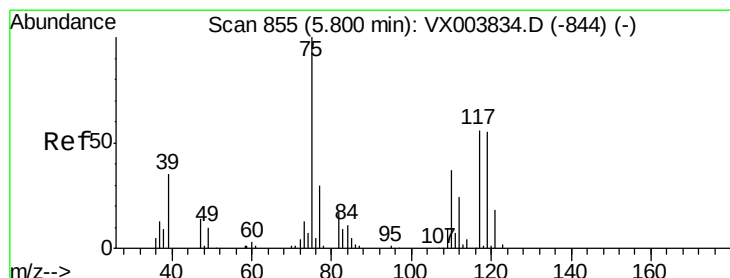
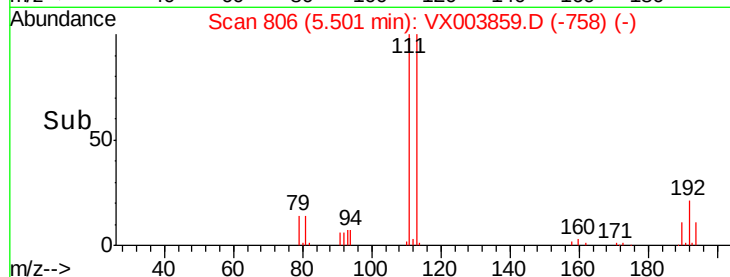
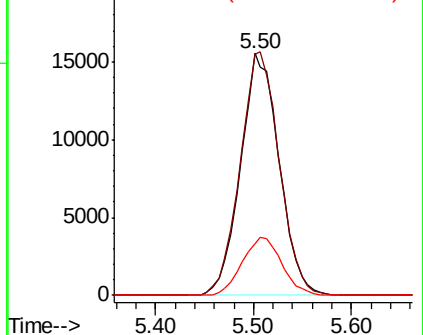
192 24.4 19.7 29.5



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 3.63 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.14 min

Lab File: VX003859.D

Acq: 03 Aug 2018 20:01

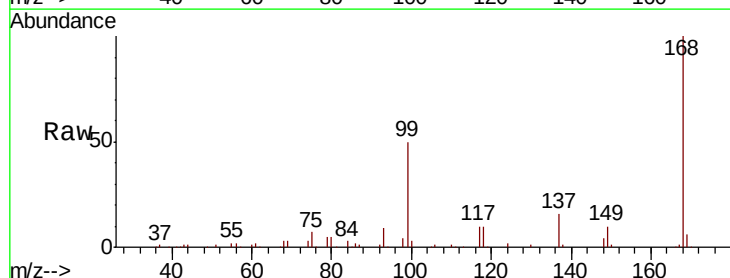
Tgt Ion: 75 Resp: 4936

Ion Ratio Lower Upper

75 100

110 8.0 18.6 55.8#

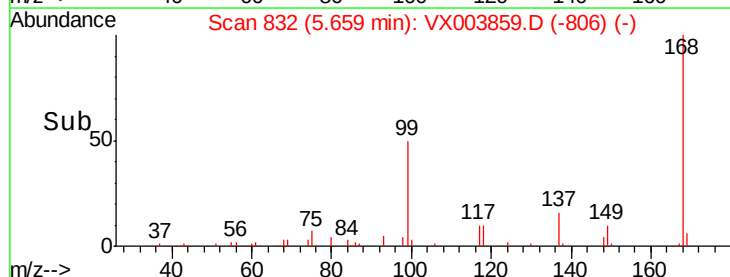
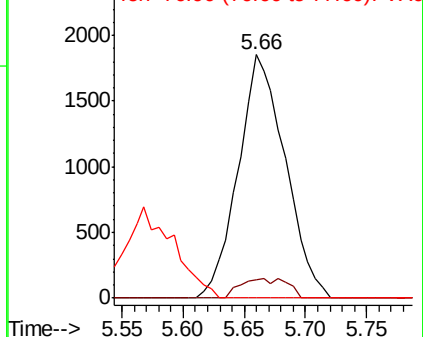
77 0.0 24.9 37.3#

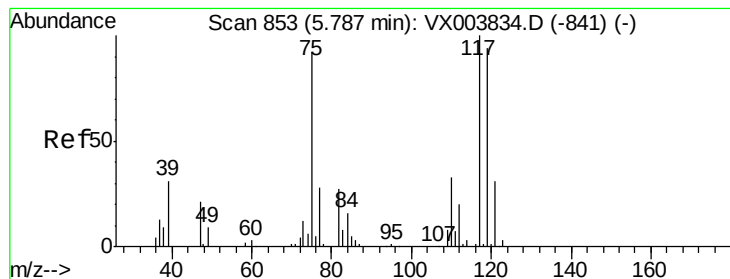


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 5.33 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.13 min

Lab File: VX003859.D

Acq: 03 Aug 2018 20:01

Instrument :

MSVOA_X

ClientSampled :

FL-0520

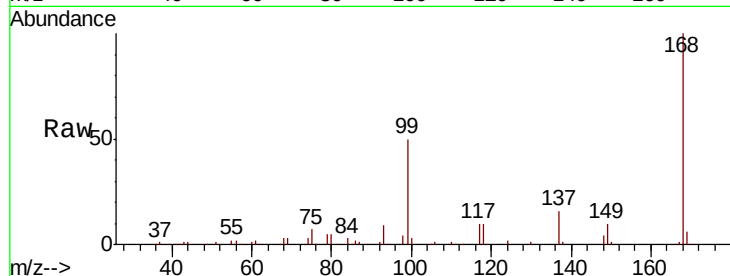
Tot Ion:117 Resp: 7189

Ion Ratio Lower Upper

117 100

119 4.1 74.6 112.0#

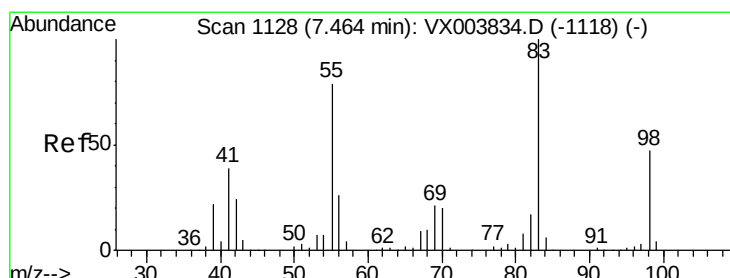
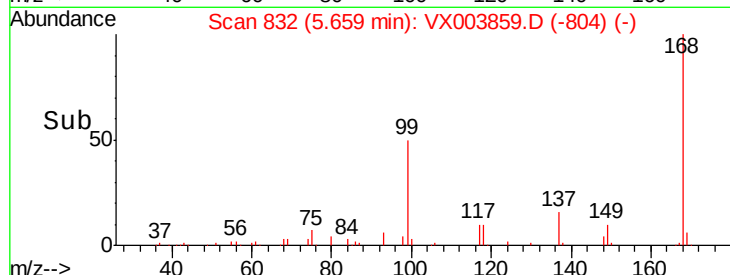
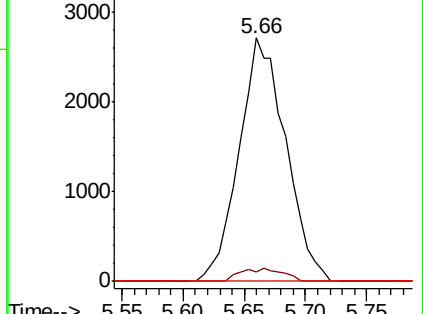
121 0.0 24.4 36.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 56.02 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX003859.D

Acq: 03 Aug 2018 20:01

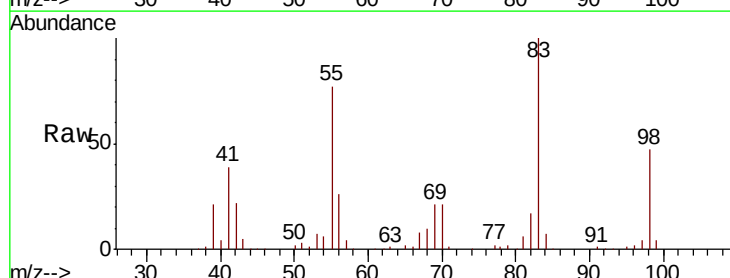
Tgt Ion: 83 Resp: 83955

Ion Ratio Lower Upper

83 100

55 77.1 63.1 94.7

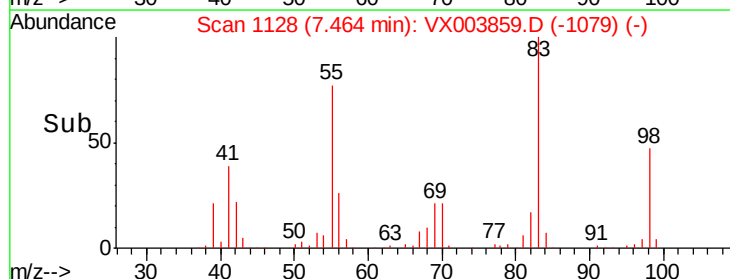
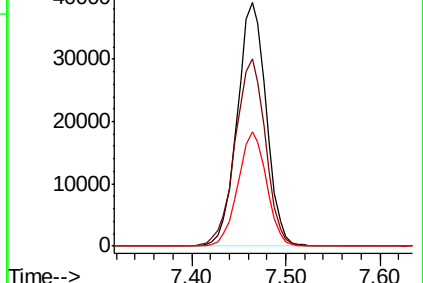
98 47.0 37.5 56.3

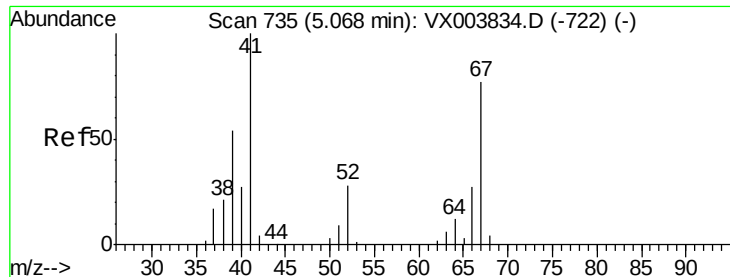


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

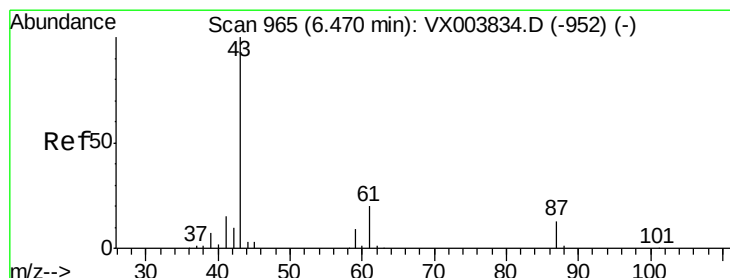
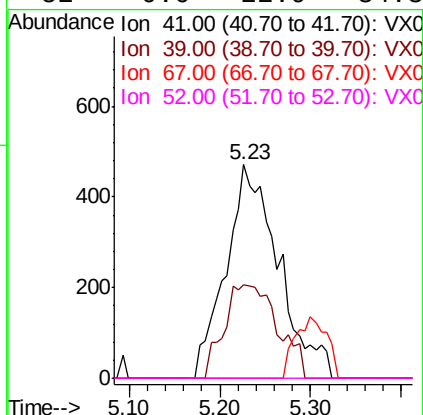
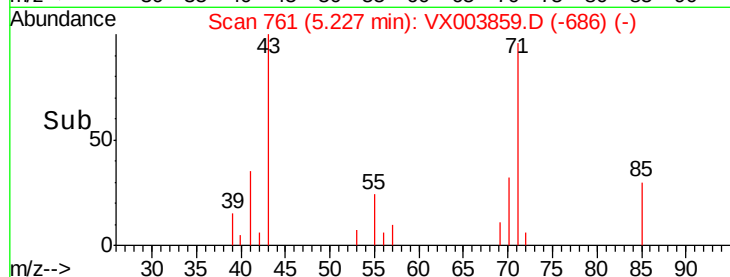
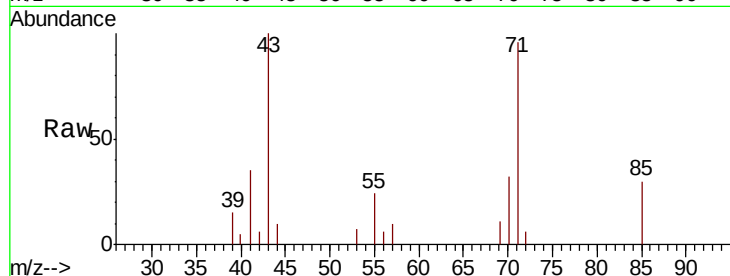




#41
Methacrylonitrile
Concen: 2.21 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.16 min
Lab File: VX003859.D
Acq: 03 Aug 2018 20:01

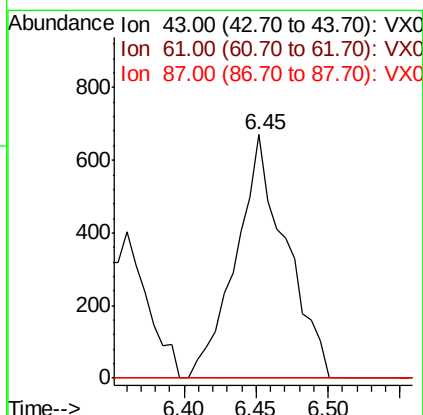
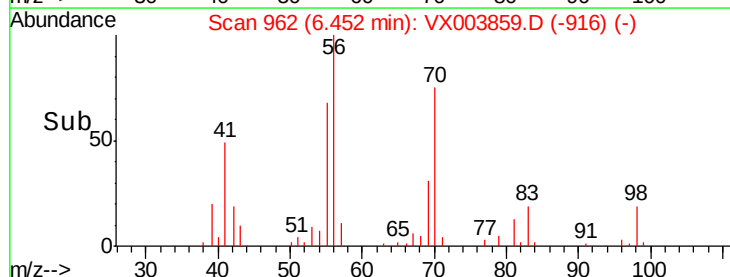
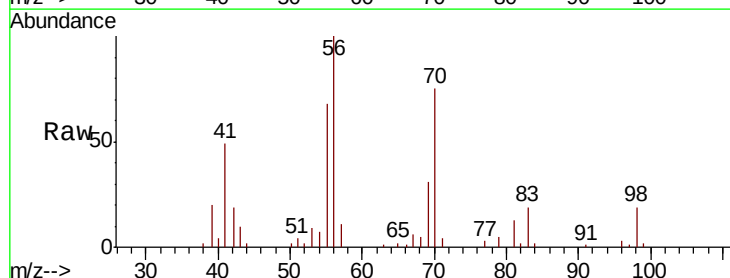
Instrument :
MSVOA_X
ClientSampleId :
FL-0520

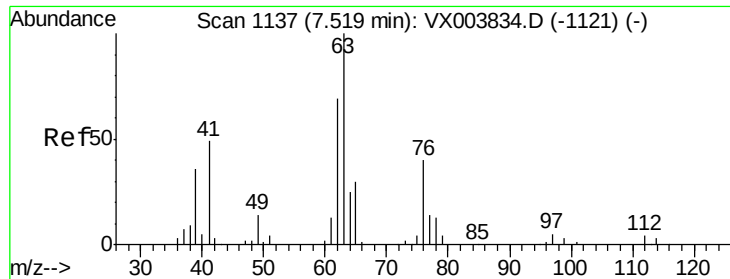
Tot Ion:	41	Resp:	1899
Ion	Ratio	Lower	Upper
41	100		
39	44.5	42.5	63.7
67	0.0	58.8	88.2#
52	0.0	22.9	34.3#



#43
Isopropyl Acetate
Concen: 0.68 ug/l
RT: 6.45 min Scan# 962
Delta R.T. -0.02 min
Lab File: VX003859.D
Acq: 03 Aug 2018 20:01

Tgt Ion:	43	Resp:	1615
Ion	Ratio	Lower	Upper
43	100		
61	0.0	16.7	25.1#
87	0.0	10.8	16.2#

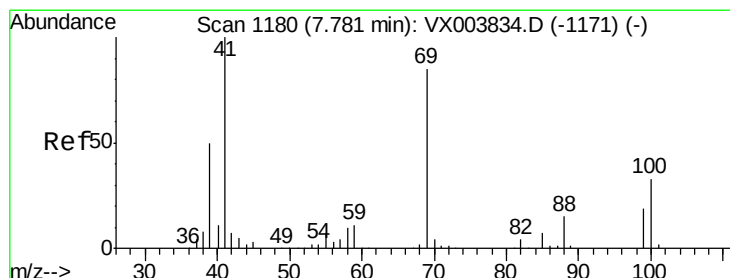
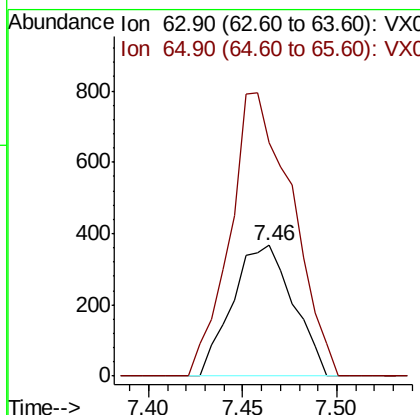
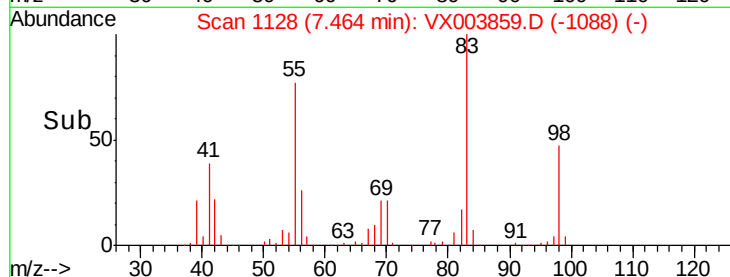
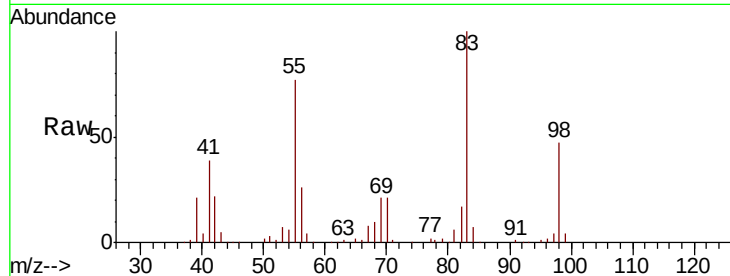




#45
 1,2-Dichloropropane
 Concen: 0.74 ug/l
 RT: 7.46 min Scan# 1128
 Delta R.T. -0.05 min
 Lab File: VX003859.D
 Acq: 03 Aug 2018 20:01

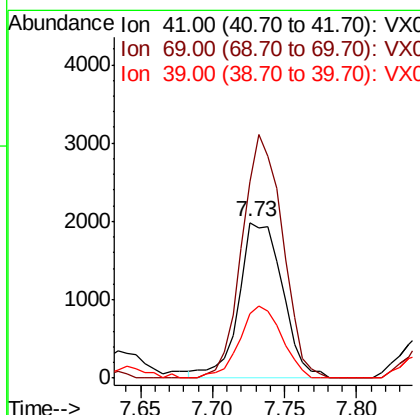
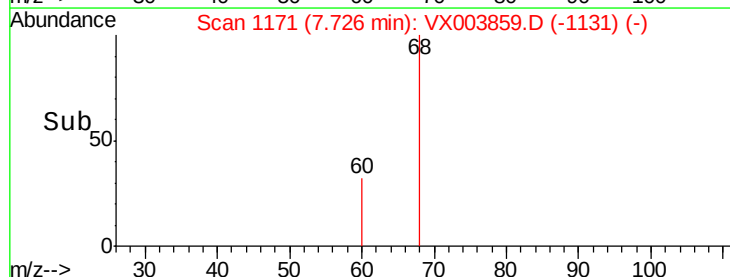
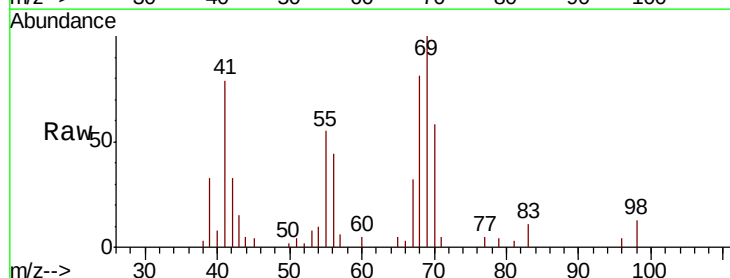
Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0520

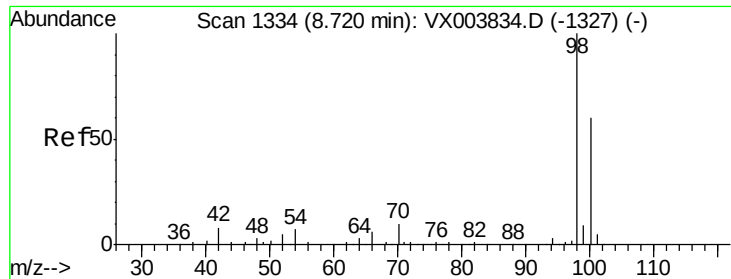
Tot Ion: 63 Resp: 819
 Ion Ratio Lower Upper
 63 100
 65 178.7 24.2 36.4#



#48
 Methyl methacrylate
 Concen: 3.47 ug/l
 RT: 7.73 min Scan# 1171
 Delta R.T. -0.05 min
 Lab File: VX003859.D
 Acq: 03 Aug 2018 20:01

Tgt Ion: 41 Resp: 4180
 Ion Ratio Lower Upper
 41 100
 69 144.5 70.2 105.4#
 39 44.7 40.9 61.3

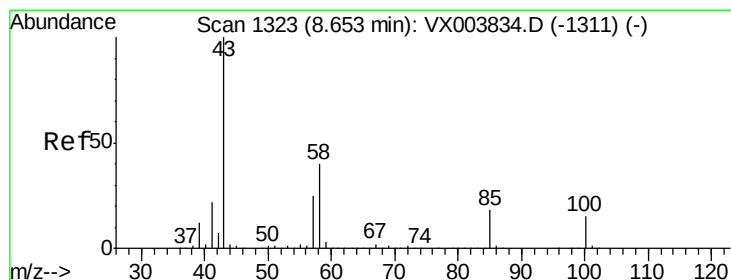
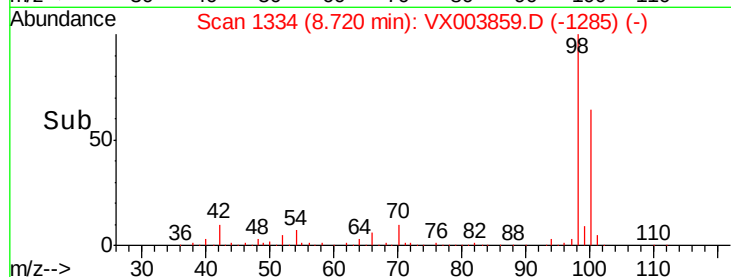
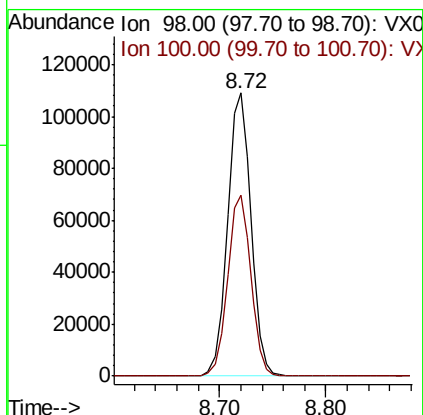
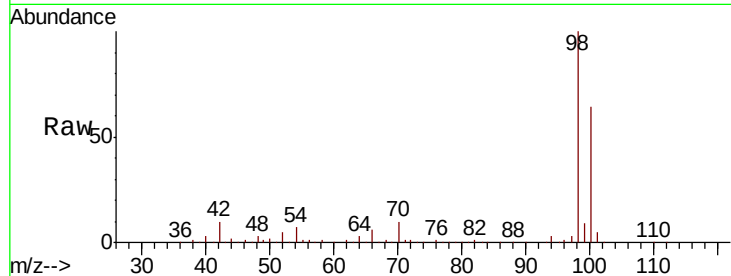




#50
Toluene-d8
Concen: 43.64 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003859.D
Acq: 03 Aug 2018 20:01

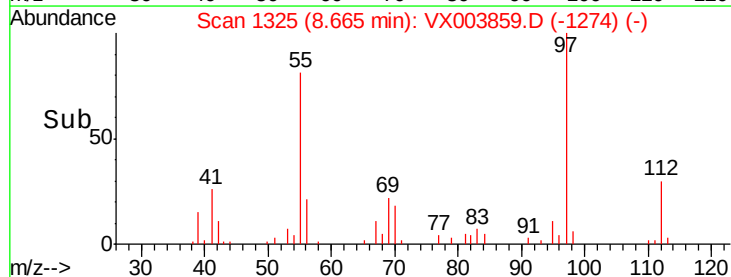
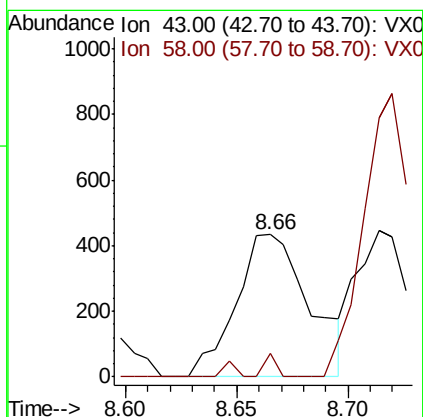
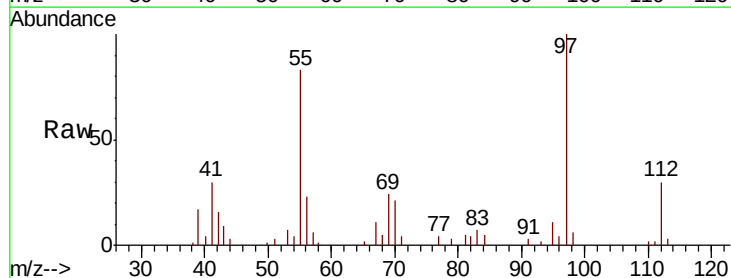
Instrument :
MSVOA_X
ClientSampleId :
FL-0520

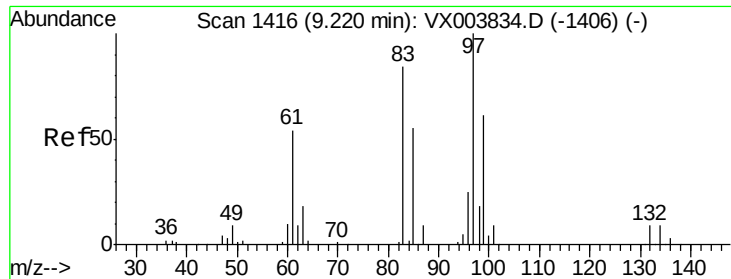
Tot Ion: 98 Resp: 167824
Ion Ratio Lower Upper
98 100
100 63.9 51.4 77.2



#51
4-Methyl-2-Pentanone
Concen: 0.50 ug/l
RT: 8.66 min Scan# 1325
Delta R.T. 0.01 min
Lab File: VX003859.D
Acq: 03 Aug 2018 20:01

Tgt Ion: 43 Resp: 994
Ion Ratio Lower Upper
43 100
58 0.0 32.2 48.2#

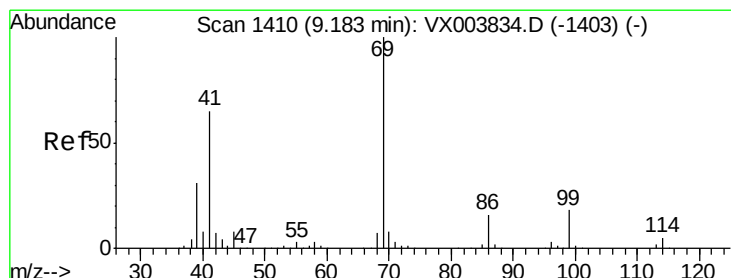
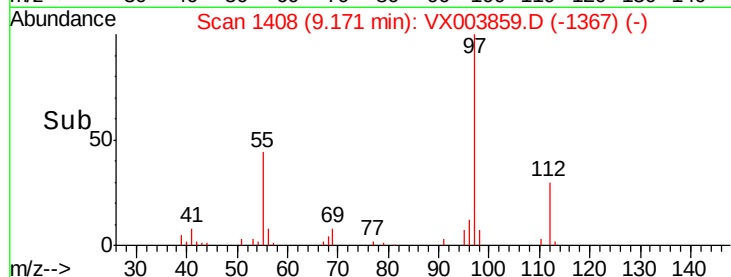
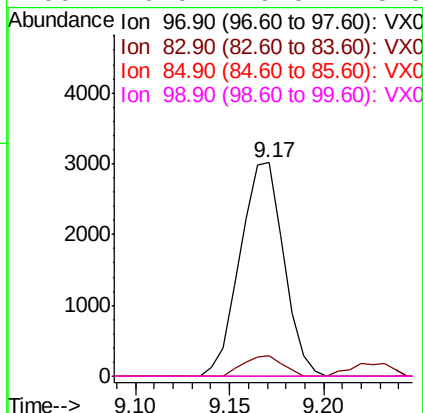
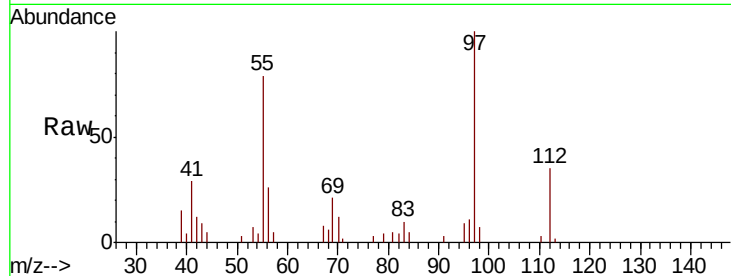




#55
 1,1,2-Trichloroethane
 Concen: 4.38 ug/l
 RT: 9.17 min Scan# 1408
 Delta R.T. -0.05 min
 Lab File: VX003859.D
 Acq: 03 Aug 2018 20:01

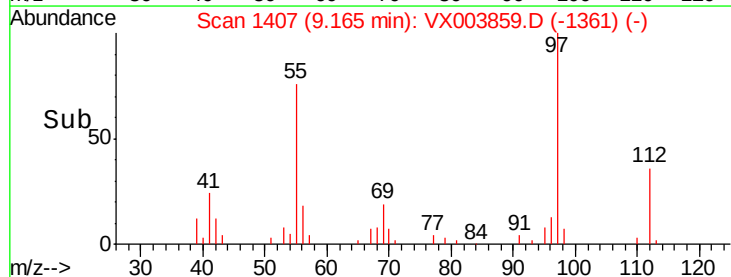
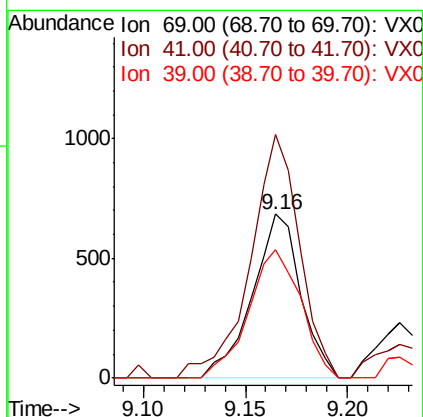
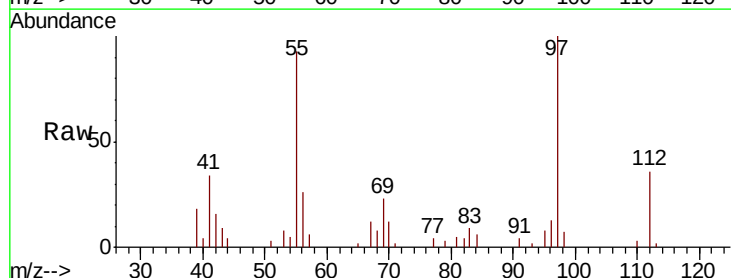
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0520

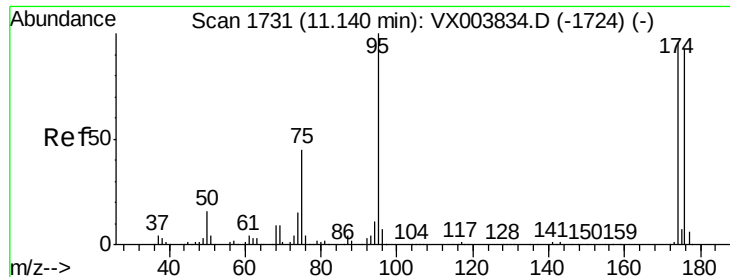
Tot Ion: 97 Resp: 4857
 Ion Ratio Lower Upper
 97 100
 83 9.7 67.4 101.2#
 85 0.0 43.9 65.9#
 99 0.0 49.0 73.6#



#56
 Ethyl methacrylate
 Concen: 0.72 ug/l
 RT: 9.16 min Scan# 1407
 Delta R.T. -0.02 min
 Lab File: VX003859.D
 Acq: 03 Aug 2018 20:01

Tgt Ion: 69 Resp: 1126
 Ion Ratio Lower Upper
 69 100
 41 151.4 51.1 76.7#
 39 84.9 24.7 37.1#





#62

4-Bromofluorobenzene

Concen: 42.67 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003859.D

Acq: 03 Aug 2018 20:01

Instrument :

MSVOA_X

ClientSampleId :

FL-0520

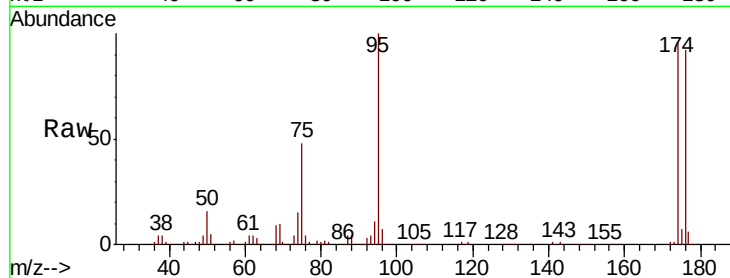
Tot Ion: 95 Resp: 59287

Ion Ratio Lower Upper

95 100

174 96.4 0.0 192.2

176 92.4 0.0 185.8

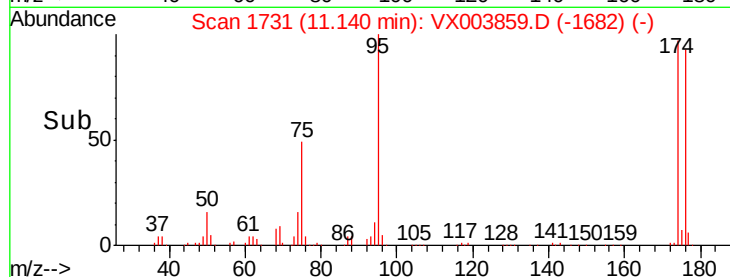


Abundance Ion 94.90 (94.60 to 95.60): VX003834.D (-1724) (-)

Ion 173.80 (173.50 to 174.50): VX003834.D (-1724) (-)

Ion 175.80 (175.50 to 176.50): VX003834.D (-1724) (-)

Time-->

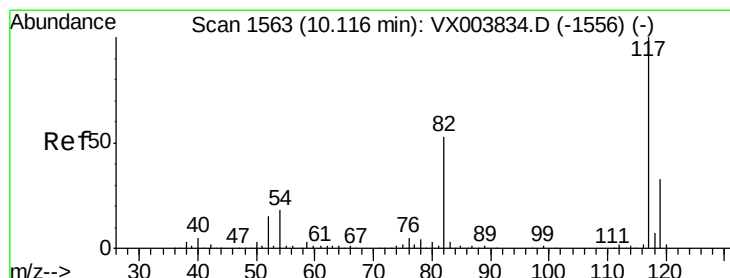


Abundance Ion 94.90 (94.60 to 95.60): VX003859.D (-1682) (-)

Ion 173.80 (173.50 to 174.50): VX003859.D (-1682) (-)

Ion 175.80 (175.50 to 176.50): VX003859.D (-1682) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX003859.D

Acq: 03 Aug 2018 20:01

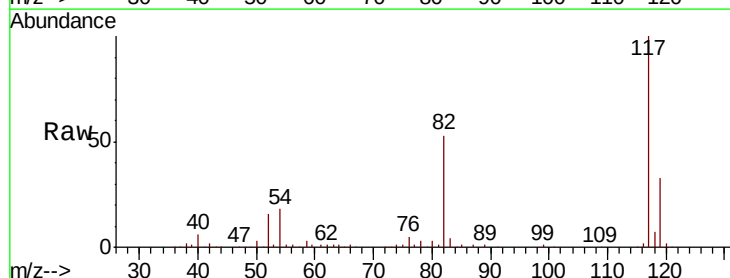
Tgt Ion: 117 Resp: 111309

Ion Ratio Lower Upper

117 100

82 52.6 42.2 63.4

119 32.6 26.2 39.2

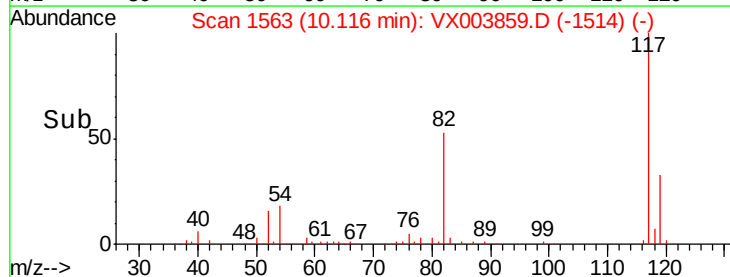


Abundance Ion 116.90 (116.60 to 117.60): VX003834.D (-1556) (-)

Ion 82.00 (81.70 to 82.70): VX003834.D (-1556) (-)

Ion 118.90 (118.60 to 119.60): VX003834.D (-1556) (-)

Time-->

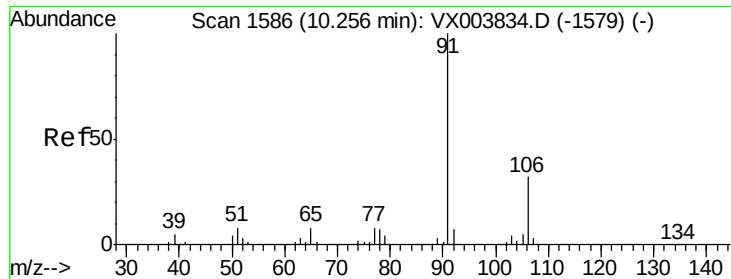


Abundance Ion 116.90 (116.60 to 117.60): VX003859.D (-1514) (-)

Ion 82.00 (81.70 to 82.70): VX003859.D (-1514) (-)

Ion 118.90 (118.60 to 119.60): VX003859.D (-1514) (-)

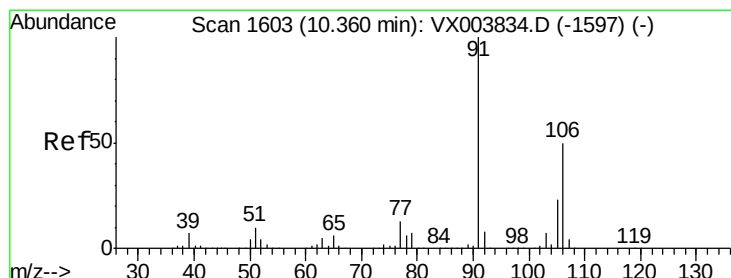
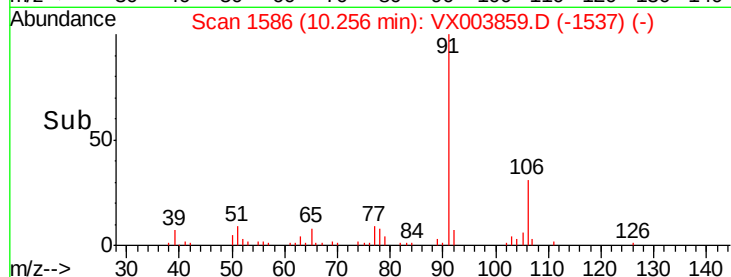
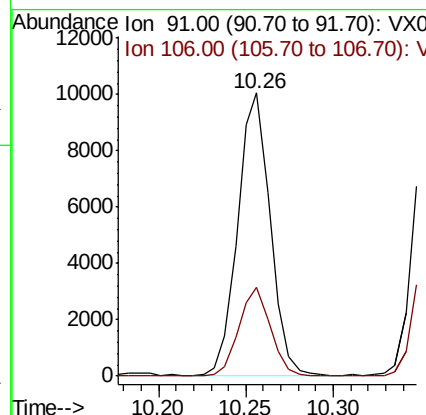
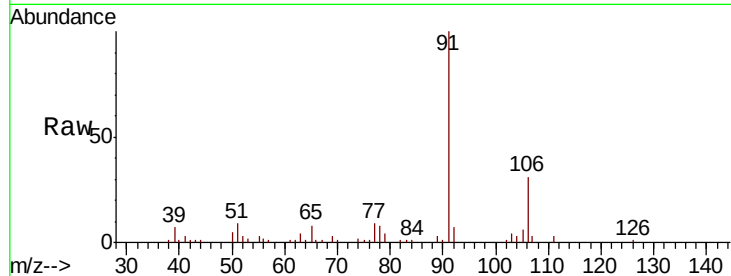
Time-->



#67
Ethyl Benzene
Concen: 2.96 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003859.D
Acq: 03 Aug 2018 20:01

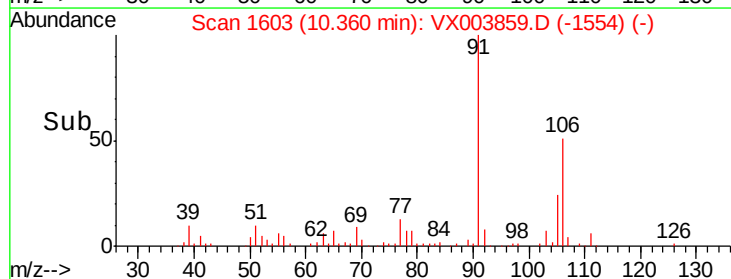
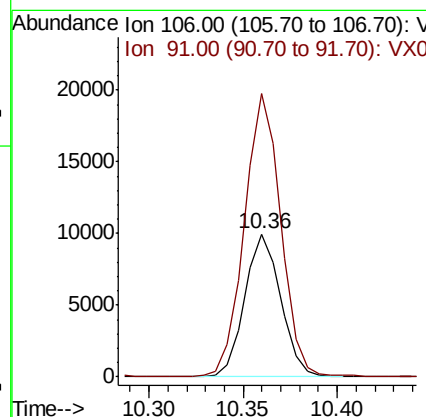
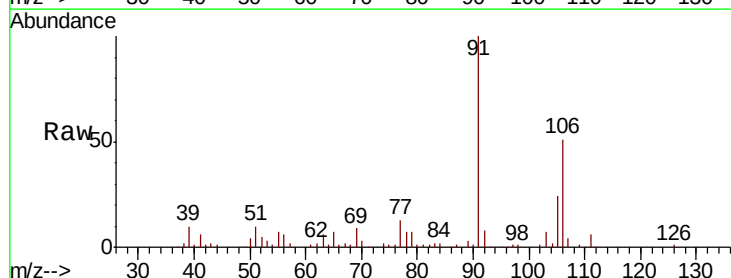
Instrument :
MSVOA_X
ClientSampled :
FL-0520

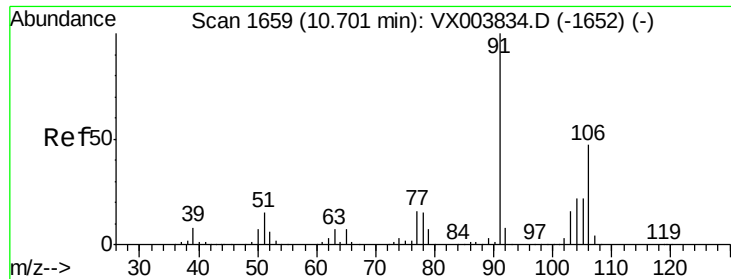
Tot Ion: 91 Resp: 12993
Ion Ratio Lower Upper
91 100
106 31.3 25.7 38.5



#68
m/p-Xylenes
Concen: 7.68 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003859.D
Acq: 03 Aug 2018 20:01

Tgt Ion: 106 Resp: 13169
Ion Ratio Lower Upper
106 100
91 201.5 161.3 241.9

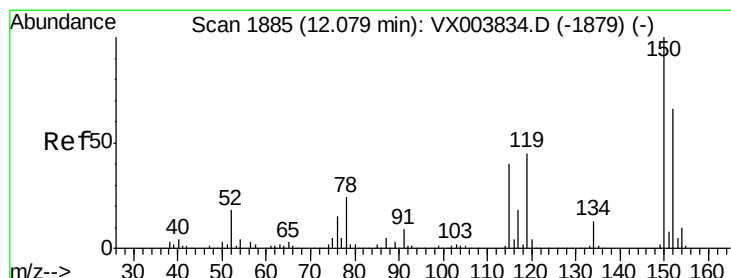
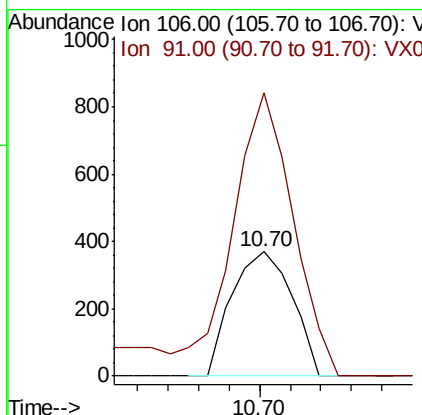
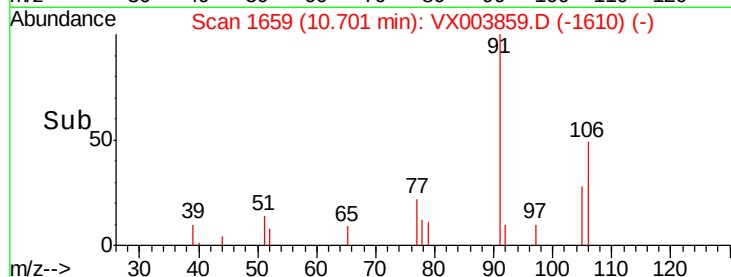
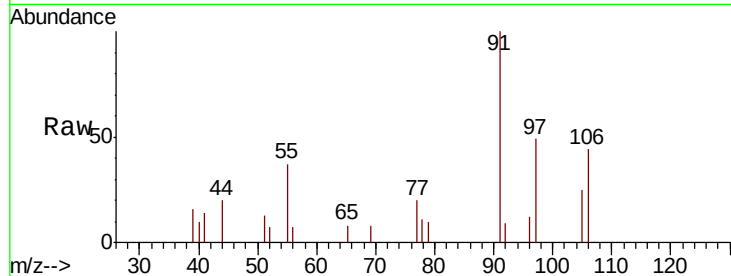




#69
o-Xylene
Concen: 0.30 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003859.D
Acq: 03 Aug 2018 20:01

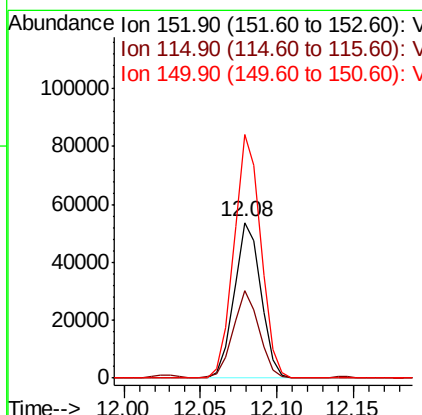
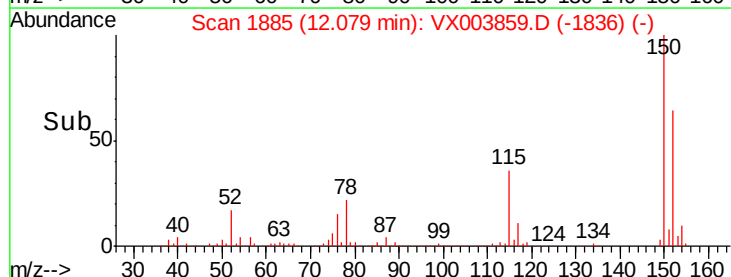
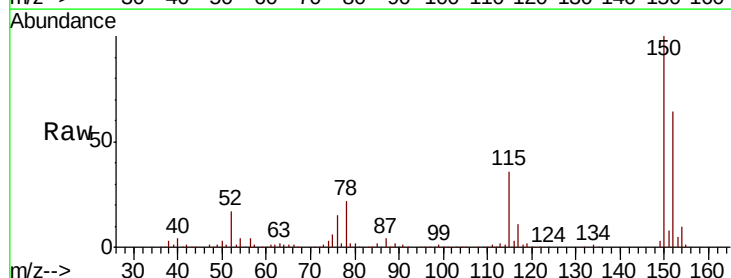
Instrument :
MSVOA_X
ClientSampled :
FL-0520

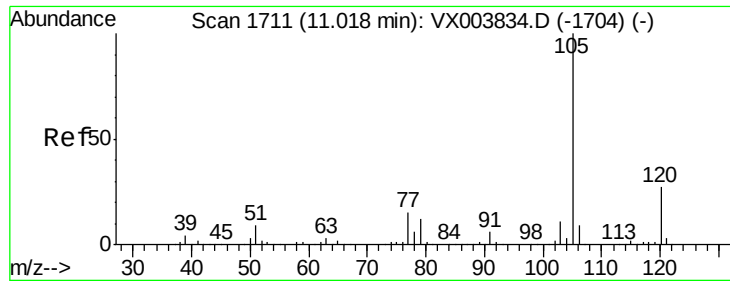
Tot Ion:106 Resp: 504
Ion Ratio Lower Upper
106 100
91 230.0 105.7 317.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003859.D
Acq: 03 Aug 2018 20:01

Tgt Ion:152 Resp: 65217
Ion Ratio Lower Upper
152 100
115 54.4 37.4 112.1
150 156.2 0.0 346.6





#73

Isopropylbenzene

Concen: 1.10 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX003859.D

Acq: 03 Aug 2018 20:01

Instrument :

MSVOA_X

ClientSampleId :

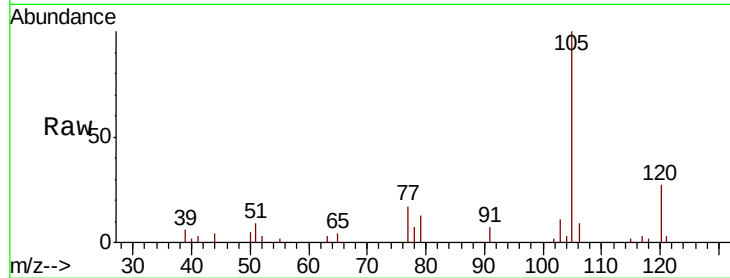
FL-0520

Tot Ion:105 Resp: 4606

Ion Ratio Lower Upper

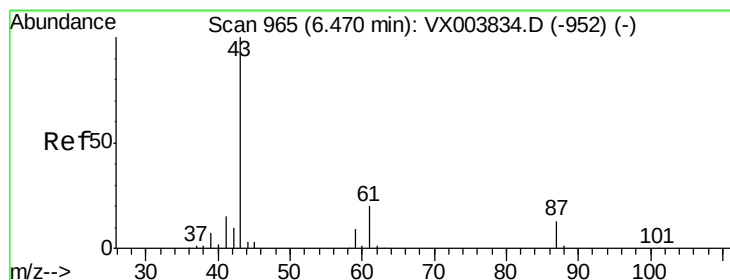
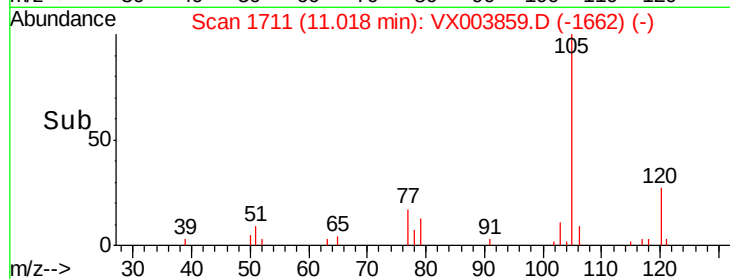
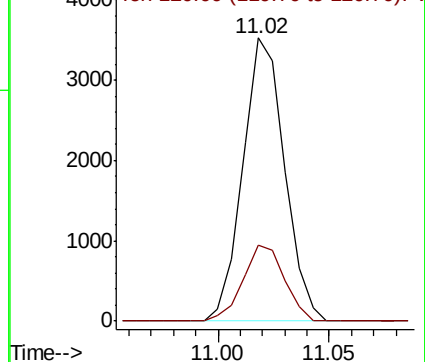
105 100

120 26.6 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 0.78 ug/l

RT: 6.45 min Scan# 962

Delta R.T. -0.02 min

Lab File: VX003859.D

Acq: 03 Aug 2018 20:01

Tgt Ion: 43 Resp: 1615

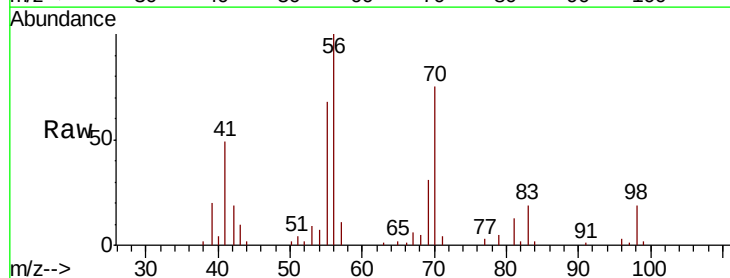
Ion Ratio Lower Upper

43 100

70 779.3 0.0 0.0#

55 784.4 0.0 0.0#

61 0.0 16.7 25.1#

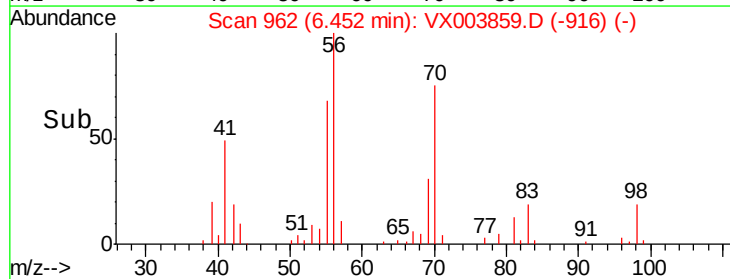
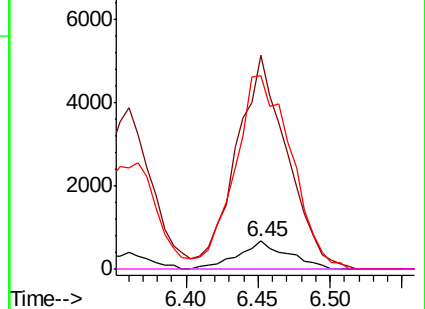


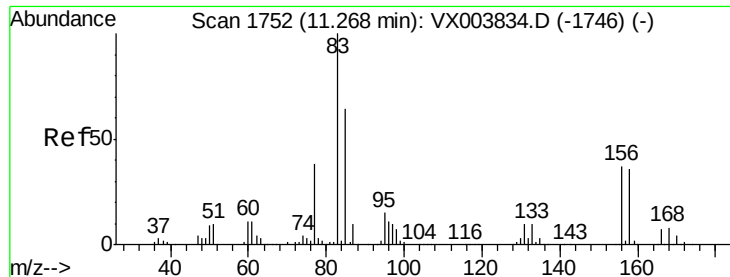
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 0.46 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.01 min

Lab File: VX003859.D

Acq: 03 Aug 2018 20:01

Instrument :

MSVOA_X

ClientSampleId :

FL-0520

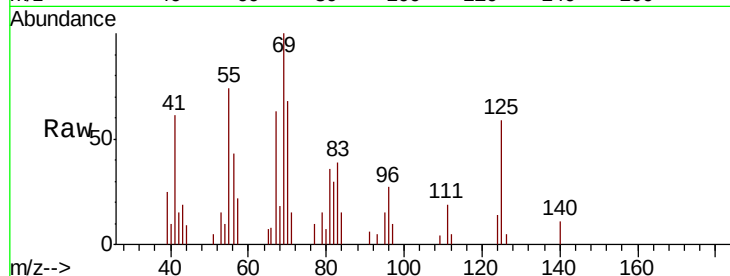
Tot Ion: 83 Resp: 695

Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.9#

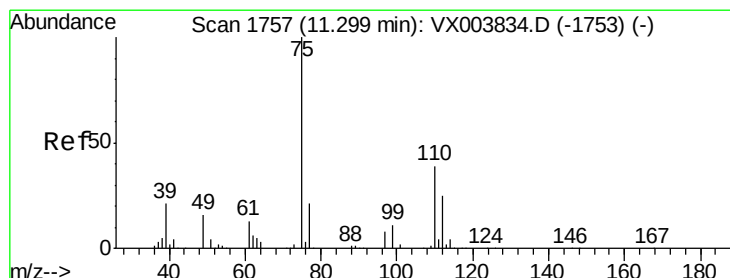
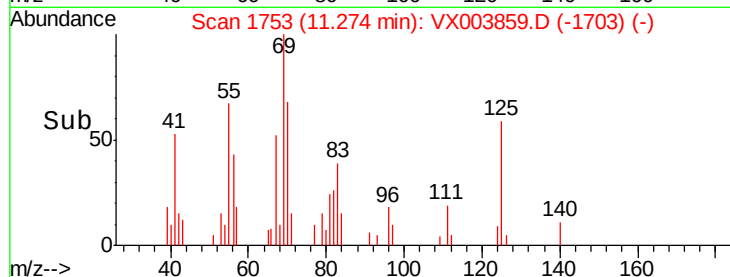
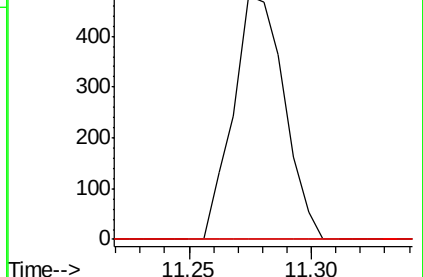
85 0.0 32.1 96.3#



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: 21.24 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX003859.D

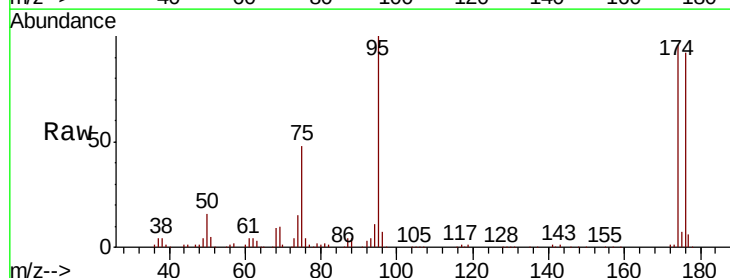
Acq: 03 Aug 2018 20:01

Tgt Ion: 75 Resp: 27920

Ion Ratio Lower Upper

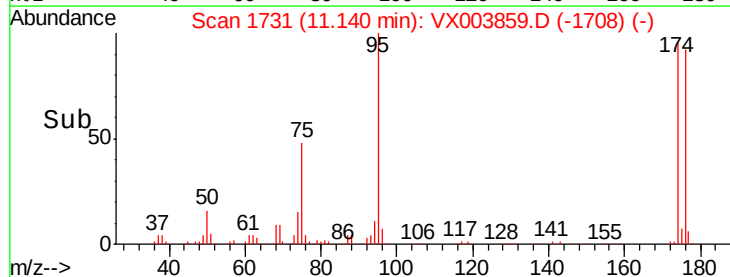
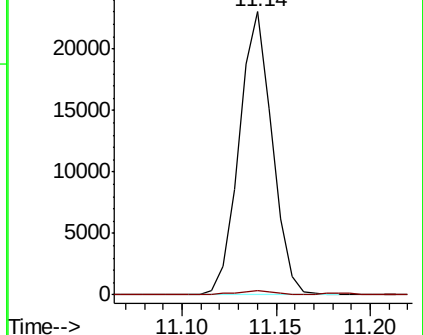
75 100

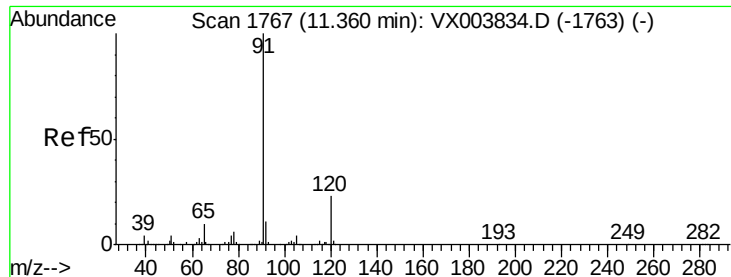
77 1.5 21.1 63.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 1.99 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX003859.D

Acq: 03 Aug 2018 20:01

Instrument :

MSVOA_X

ClientSampleId :

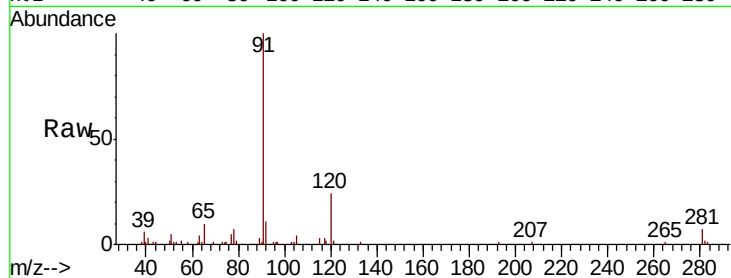
FL-0520

Tot Ion: 91 Resp: 9409

Ion Ratio Lower Upper

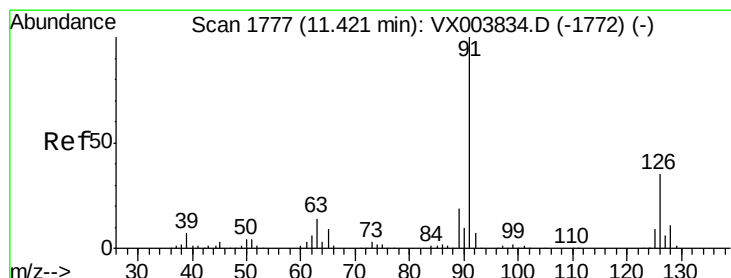
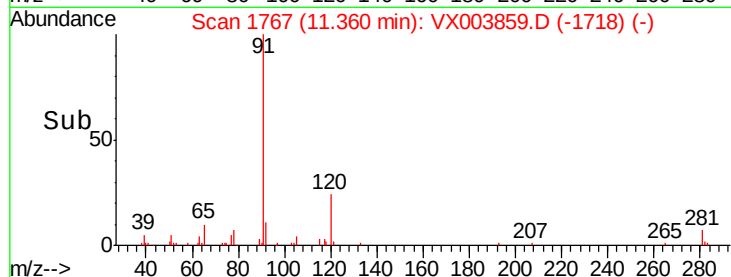
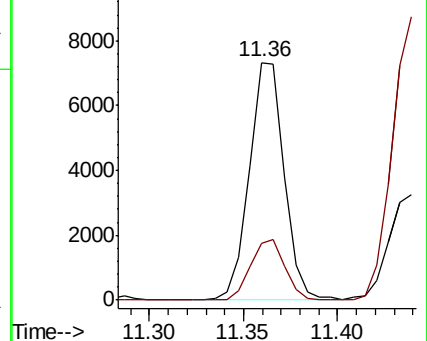
91 100

120 24.8 12.1 36.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 2.47 ug/l

RT: 11.44 min Scan# 1780

Delta R.T. 0.02 min

Lab File: VX003859.D

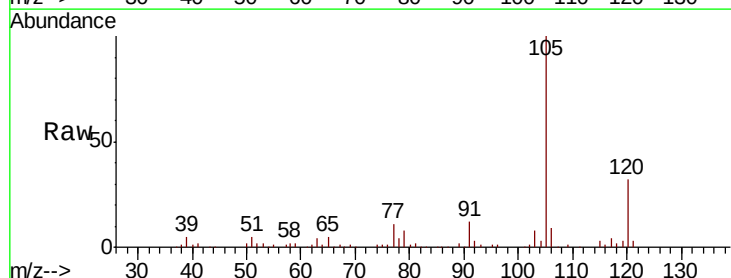
Acq: 03 Aug 2018 20:01

Tgt Ion: 91 Resp: 7224

Ion Ratio Lower Upper

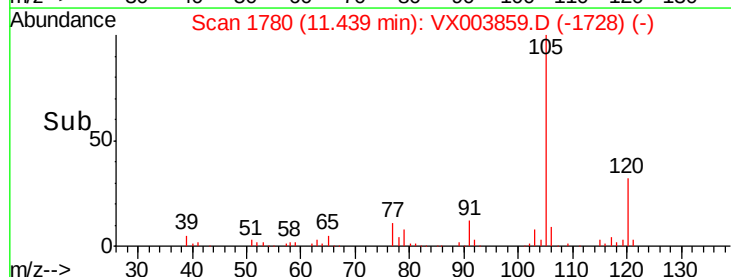
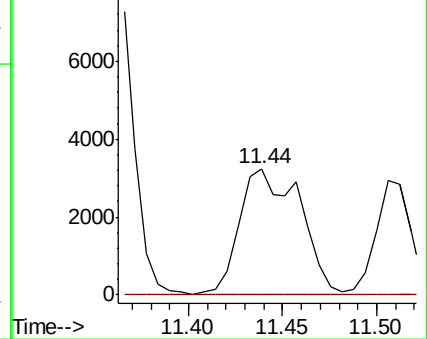
91 100

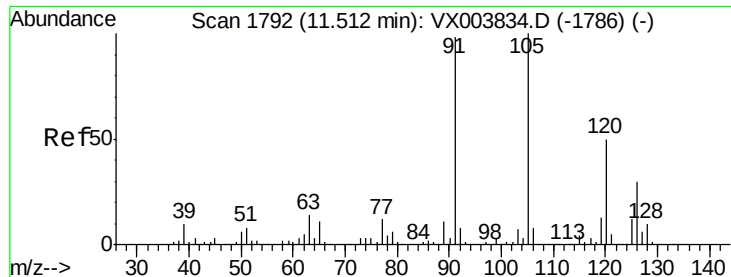
126 0.0 17.9 53.7#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: 10.27 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX003859.D

Acq: 03 Aug 2018 20:01

Instrument :

MSVOA_X

ClientSampleId :

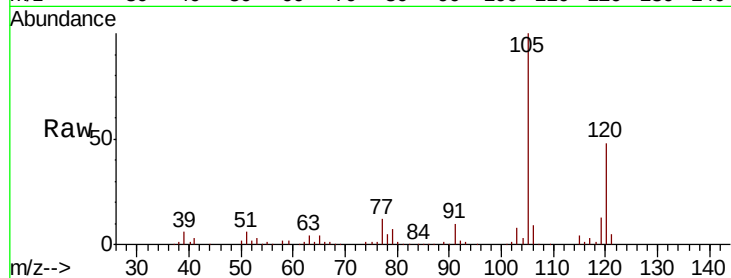
FL-0520

Tot Ion:105 Resp: 36024

Ion Ratio Lower Upper

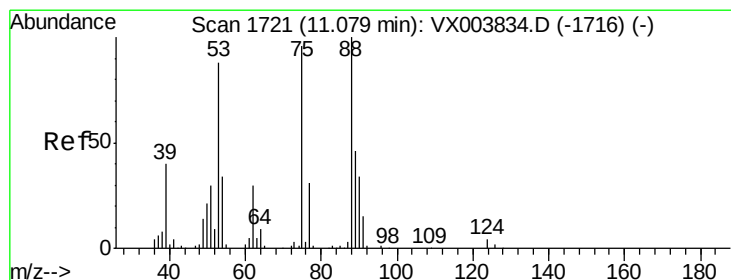
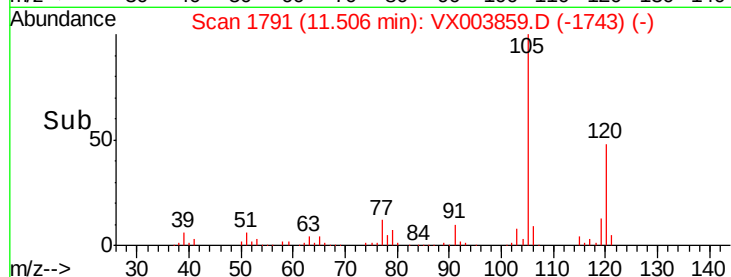
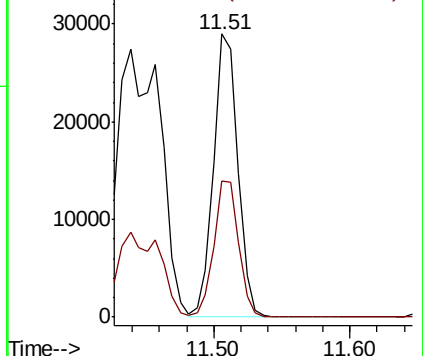
105 100

120 48.8 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 66.94 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX003859.D

Acq: 03 Aug 2018 20:01

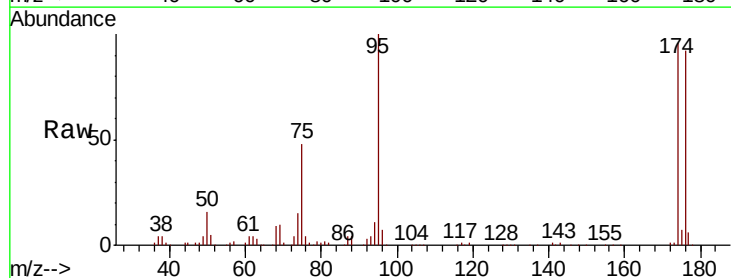
Tgt Ion: 75 Resp: 27920

Ion Ratio Lower Upper

75 100

53 0.0 74.9 112.3#

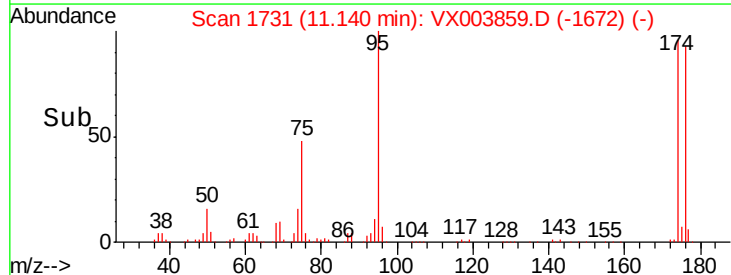
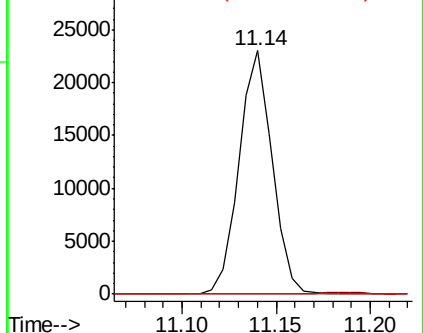
89 0.0 36.6 54.8#

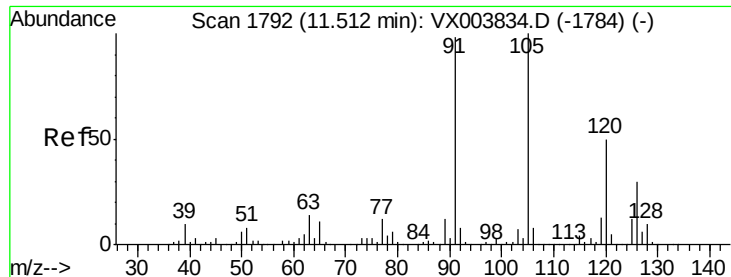


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

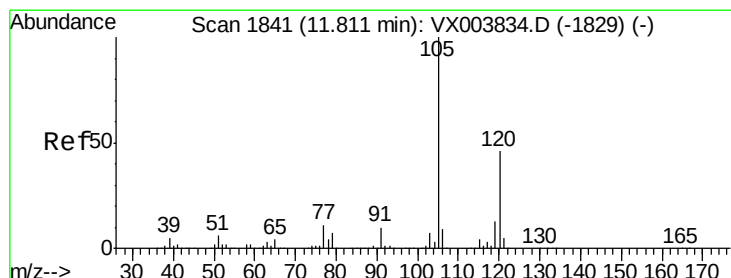
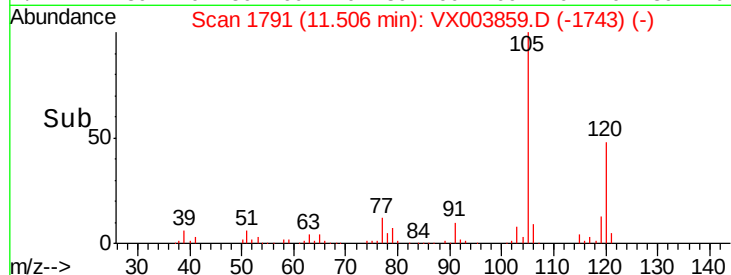
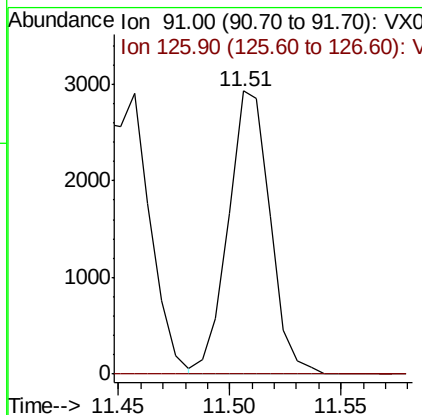
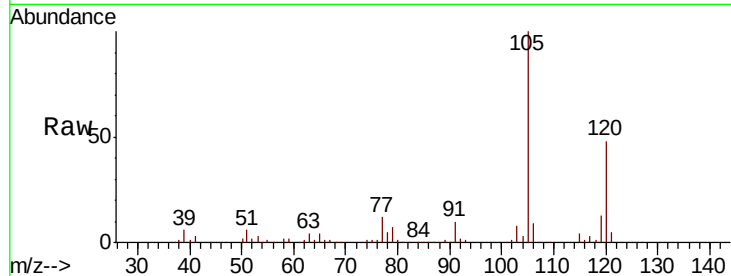




#82
4-Chlorotoluene
Concen: 1.13 ug/l
RT: 11.51 min Scan# 1791
Delta R.T. -0.01 min
Lab File: VX003859.D
Acq: 03 Aug 2018 20:01

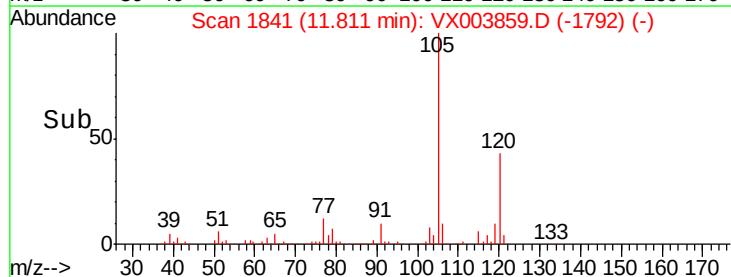
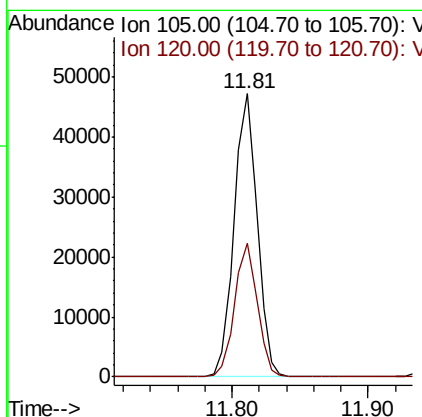
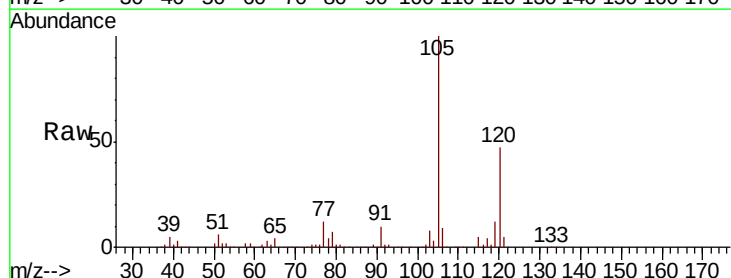
Instrument :
MSVOA_X
ClientSampleId :
FL-0520

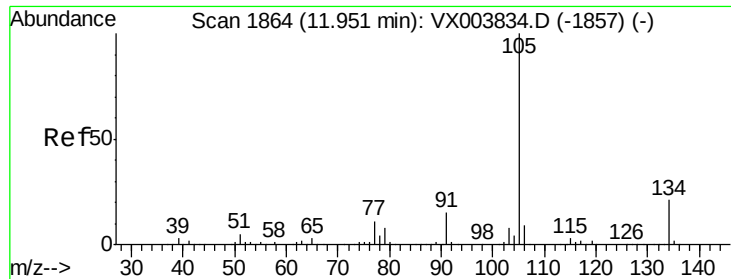
Tot Ion: 91 Resp: 3815
Ion Ratio Lower Upper
91 100
126 0.0 16.0 47.9#



#84
1,2,4-Trimethylbenzene
Concen: 15.43 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX003859.D
Acq: 03 Aug 2018 20:01

Tgt Ion: 105 Resp: 55995
Ion Ratio Lower Upper
105 100
120 46.5 22.9 68.5

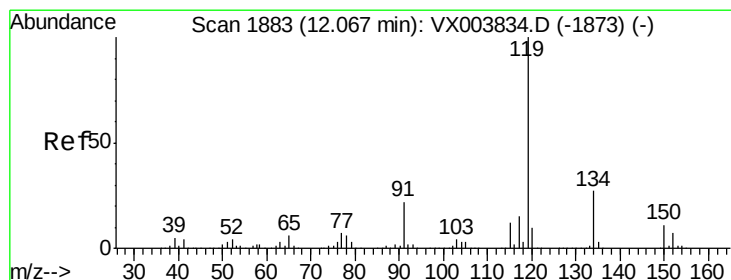
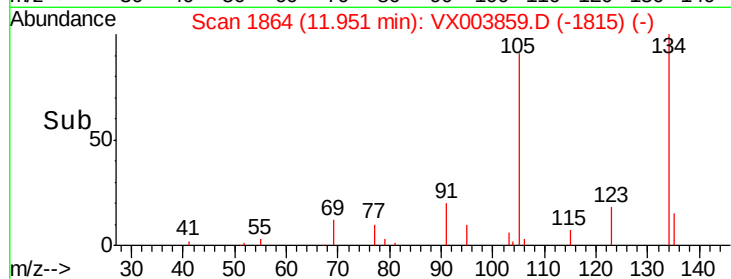
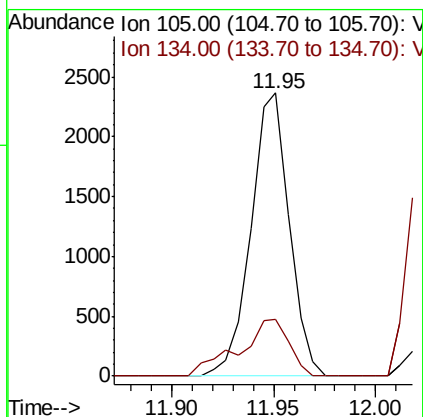
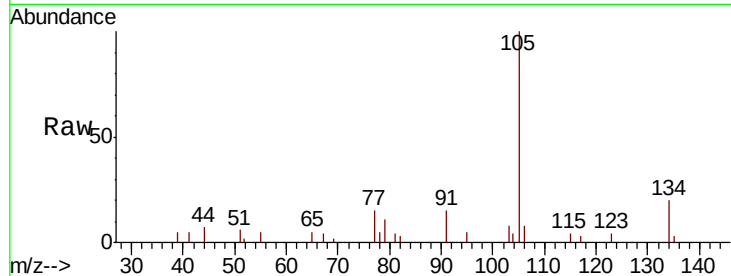




#85
 sec-Butylbenzene
 Concen: 0.76 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX003859.D
 Acq: 03 Aug 2018 20:01

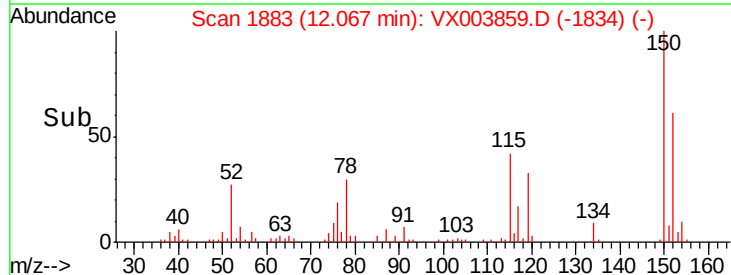
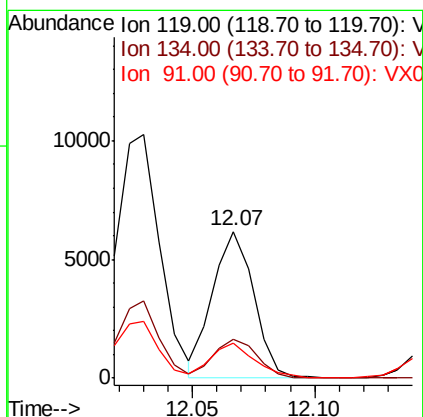
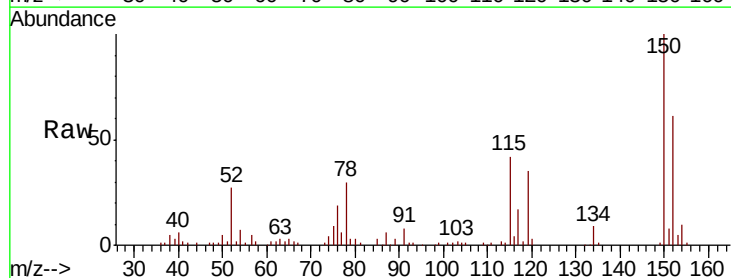
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0520

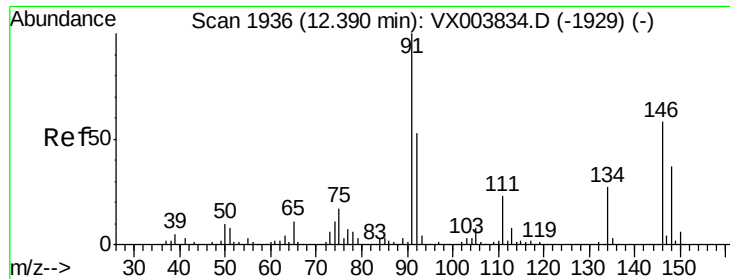
Tot Ion:105 Resp: 3090
 Ion Ratio Lower Upper
 105 100
 134 26.3 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 1.97 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX003859.D
 Acq: 03 Aug 2018 20:01

Tgt Ion:119 Resp: 7259
 Ion Ratio Lower Upper
 119 100
 134 27.9 13.4 40.2
 91 25.2 11.1 33.1

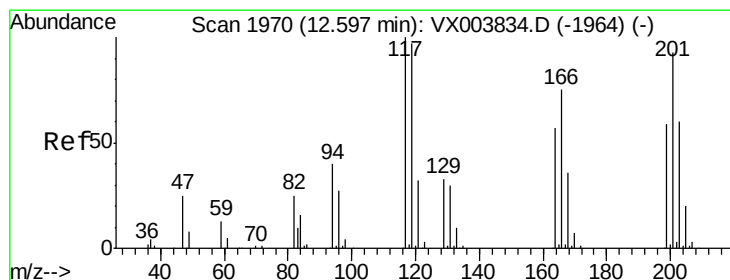
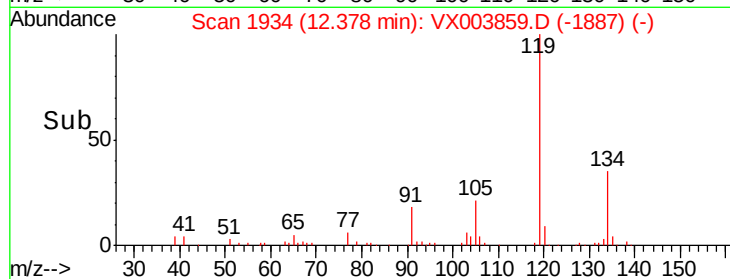
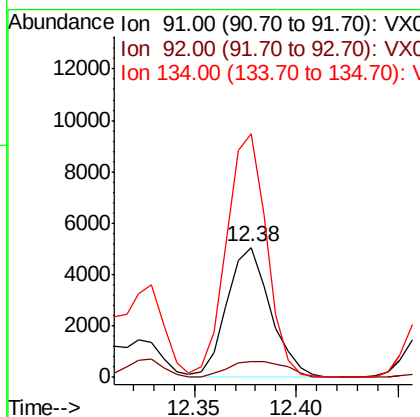
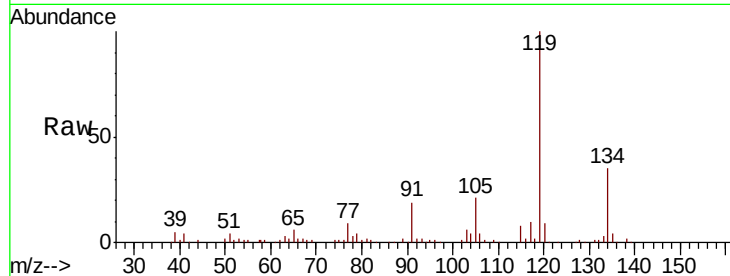




#89
n-Butylbenzene
Concen: 2.37 ug/l
RT: 12.38 min Scan# 1934
Delta R.T. -0.01 min
Lab File: VX003859.D
Acq: 03 Aug 2018 20:01

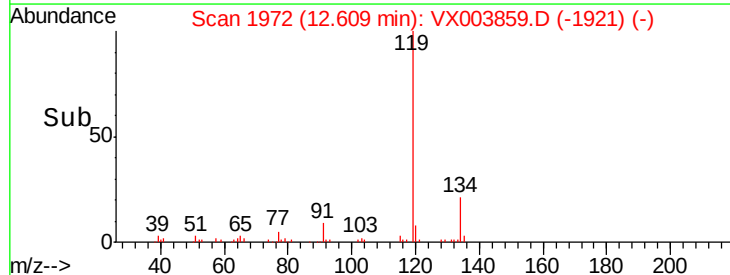
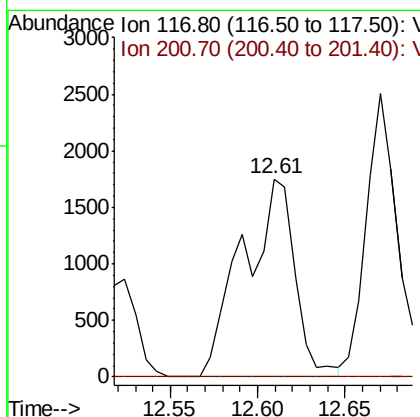
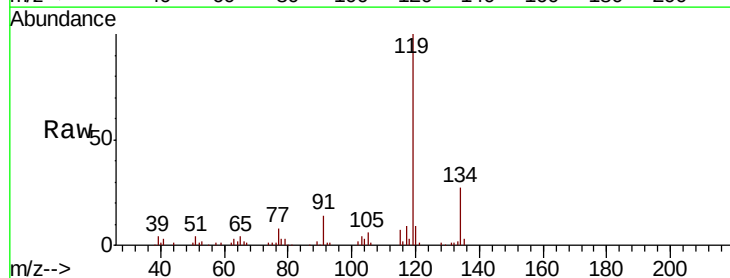
Instrument :
MSVOA_X
ClientSampled :
FL-0520

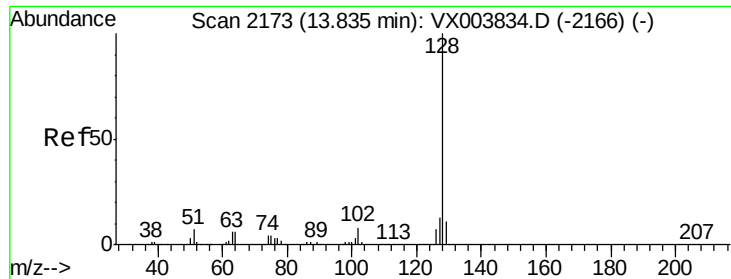
Tot Ion: 91 Resp: 7498
Ion Ratio Lower Upper
91 100
92 16.4 26.3 78.9#
134 172.1 13.7 41.0#



#90
Hexachloroethane
Concen: 6.05 ug/l
RT: 12.61 min Scan# 1972
Delta R.T. 0.01 min
Lab File: VX003859.D
Acq: 03 Aug 2018 20:01

Tgt Ion: 117 Resp: 3618
Ion Ratio Lower Upper
117 100
201 0.0 49.9 149.6#





#95
Naphthalene
Concen: 0.46 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX003859.D
Acq: 03 Aug 2018 20:01

Instrument :
MSVOA_X
ClientSampleId :
FL-0520

Tot Ion	Ratio	Lower	Upper
128	100		
127	24.6	10.2	15.4#
129	32.0	8.7	13.1#

