

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080718\
 Data File : VX003886.D
 Acq On : 07 Aug 2018 17:52
 Operator : JC/MD
 Sample : J4263-07DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0515DL

Quant Time: Aug 08 01:23:44 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	337039	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	504549	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	481796	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	250236	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	218091	48.81	ug/l	0.00
Spiked Amount			Recovery	=	97.62%	
35) Dibromofluoromethane	5.51	113	184792	48.34	ug/l	0.00
Spiked Amount			Recovery	=	96.68%	
50) Toluene-d8	8.72	98	730080	49.12	ug/l	0.00
Spiked Amount			Recovery	=	98.24%	
62) 4-Bromofluorobenzene	11.14	95	265125	55.12	ug/l	0.00
Spiked Amount			Recovery	=	110.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	1073	0.23	ug/l	# 84
5) Bromomethane	1.65	94	844	Below	Cal	85
6) Chloroethane	1.73	64	7742	2.61	ug/l	# 50
11) Tert butyl alcohol	3.07	59	343	0.32	ug/l	# 73
13) Acrolein	2.29	56	201	Below	Cal	92
14) Allyl chloride	2.84	41	8899	1.28	ug/l	# 65
15) Acrylonitrile	3.17	53	3338	1.30	ug/l	# 53
16) Acetone	2.45	43	2526	0.95	ug/l	92
17) Carbon Disulfide	2.57	76	1963	0.63	ug/l	97
18) Methyl Acetate	2.84	43	23321	4.03	ug/l	# 52
20) Methylene Chloride	2.86	84	2651	Below	Cal	# 78
29) Tetrahydrofuran	5.18	42	499	0.24	ug/l	# 50
31) Cyclohexane	5.57	56	152599	23.70	ug/l	97
36) 1,1-Dichloropropene	5.67	75	23278	4.12	ug/l	# 49
38) Carbon Tetrachloride	5.67	117	30344	5.64	ug/l	# 15
39) Methylcyclohexane	7.46	83	231697	34.78	ug/l	99
40) Benzene	6.15	78	46548	2.74	ug/l	100
43) Isopropyl Acetate	6.45	43	3015	0.32	ug/l	# 60
45) 1,2-Dichloropropane	7.46	63	2448	0.56	ug/l	# 1
48) Methyl methacrylate	7.73	41	8947	1.88	ug/l	# 56
51) 4-Methyl-2-Pentanone	8.66	43	2111	0.27	ug/l	# 53
55) 1,1,2-Trichloroethane	9.16	97	10671	2.44	ug/l	# 19
67) Ethyl Benzene	10.26	91	84885	4.14	ug/l	99
68) m/p-Xylenes	10.36	106	15262	1.90	ug/l	92
73) Isopropylbenzene	11.02	105	179897	9.72	ug/l	97
74) N-amyl acetate	6.45	43	3015	0.31	ug/l	# 55
76) 1,2,3-Trichloropropane	11.14	75	127909	23.14	ug/l	# 36
78) n-propylbenzene	11.36	91	318785	15.34	ug/l	99
79) 2-Chlorotoluene	11.36	91	318785	25.15	ug/l	# 40
80) 1,3,5-Trimethylbenzene	11.67	105	39227	2.60	ug/l	72
81) trans-1,4-Dichloro-2-buten	11.14	75	127909	62.38	ug/l	# 9
82) 4-Chlorotoluene	11.36	91	318785	21.47	ug/l	# 44
83) tert-Butylbenzene	11.81	119	149264	10.05	ug/l	# 60
84) 1,2,4-Trimethylbenzene	11.81	105	1159362	76.39	ug/l	98

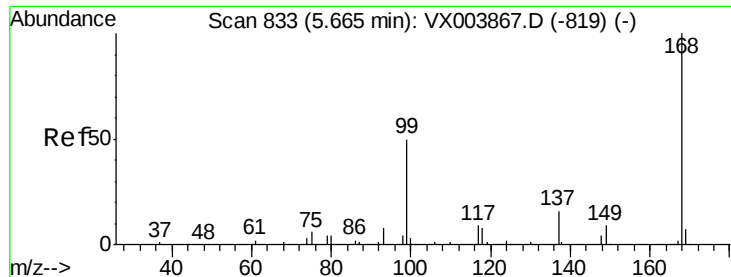
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080718\
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Quant Title : SW846 8260
QLast Update : Tue Aug 07 07:45:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	11.94	105	51224	2.92	ug/l	85
86) p-Isopropyltoluene	12.07	119	16693	1.06	ug/l	90
88) 1,4-Dichlorobenzene	12.02	146	688	Below	Cal	90
89) n-Butylbenzene	12.39	91	30953	2.26	ug/l #	66
90) Hexachloroethane	12.59	117	9308	3.65	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	12.98	75	547	0.42	ug/l #	1
94) Hexachlorobutadiene	13.79	225	358	0.56	ug/l	86
95) Naphthalene	13.83	128	156455	8.39	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003886.D

Acq: 07 Aug 2018 17:52

Instrument :

MSVOA_X

ClientSampleId :

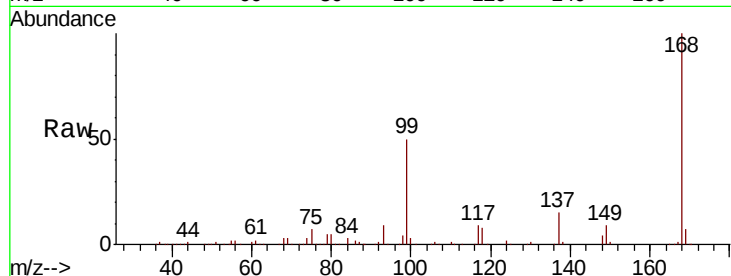
FL-0515DL

Tot Ion:168 Resp: 337039

Ion Ratio Lower Upper

168 100

99 50.4 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

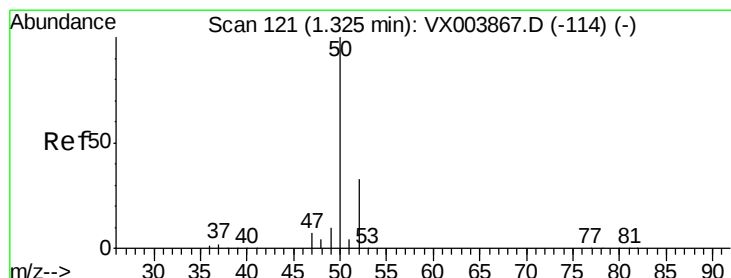
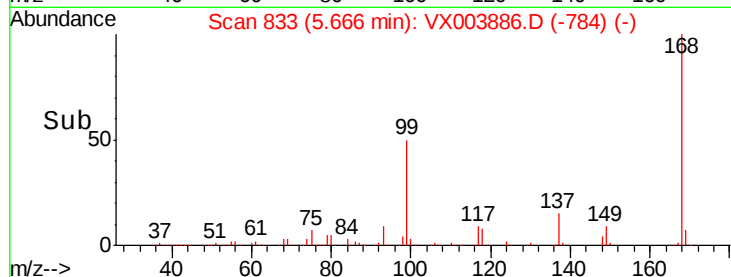
5.67

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.23 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003886.D

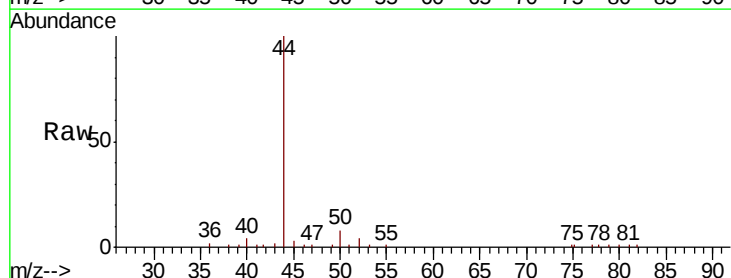
Acq: 07 Aug 2018 17:52

Tgt Ion: 50 Resp: 1073

Ion Ratio Lower Upper

50 100

52 42.3 26.6 39.8#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

800

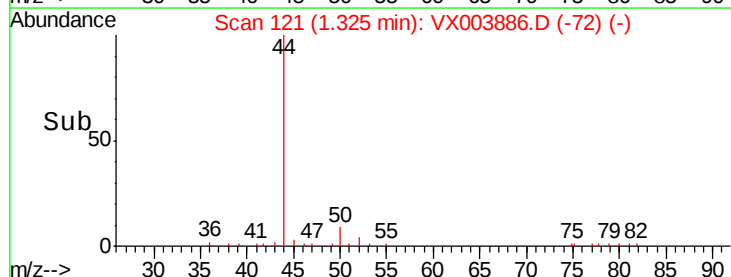
600

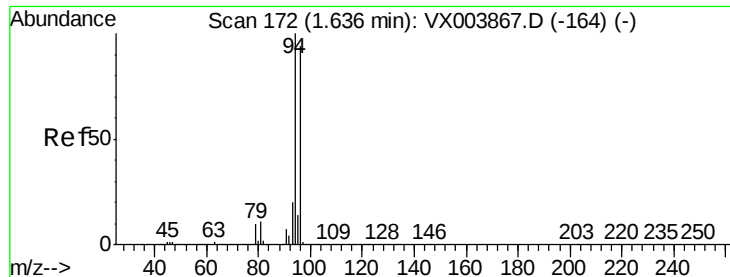
400

200

0

Time--> 1.30 1.35





#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX003886.D

Acq: 07 Aug 2018 17:52

Instrument :

MSVOA_X

ClientSampled :

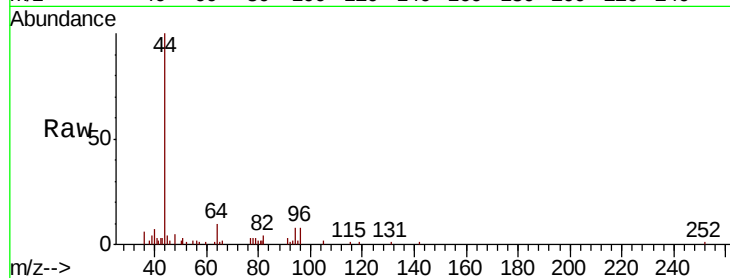
FL-0515DL

Tot Ion: 94 Resp: 844

Ion Ratio Lower Upper

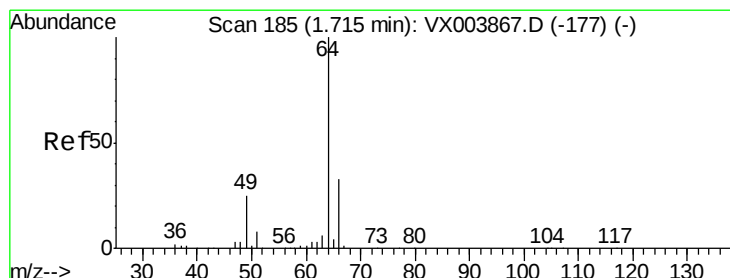
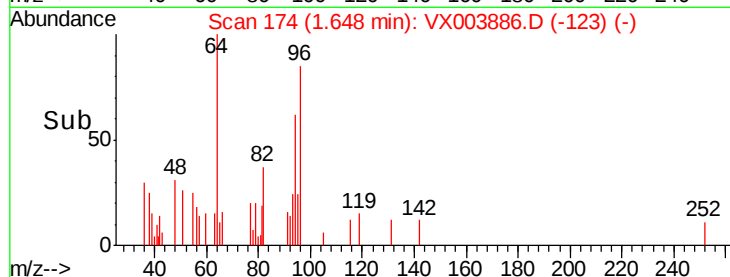
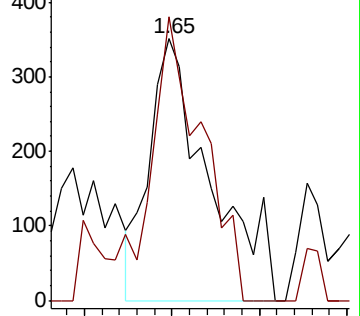
94 100

96 108.3 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 2.61 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX003886.D

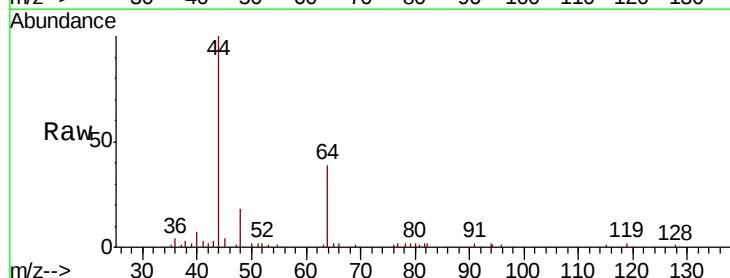
Acq: 07 Aug 2018 17:52

Tgt Ion: 64 Resp: 7742

Ion Ratio Lower Upper

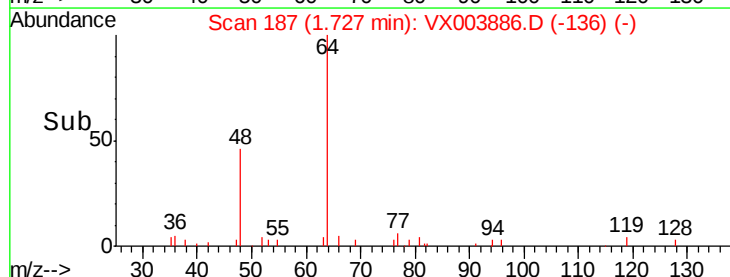
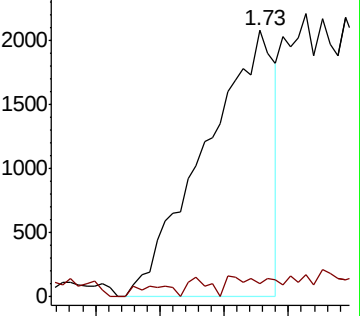
64 100

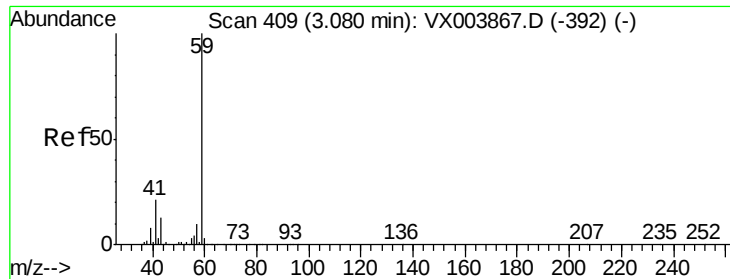
66 4.9 26.5 39.7#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

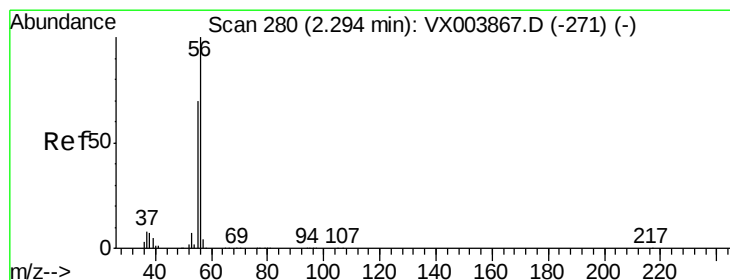
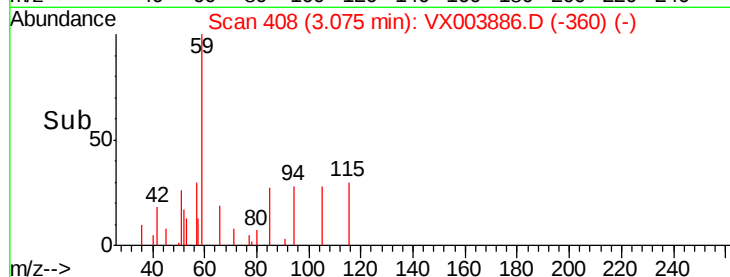
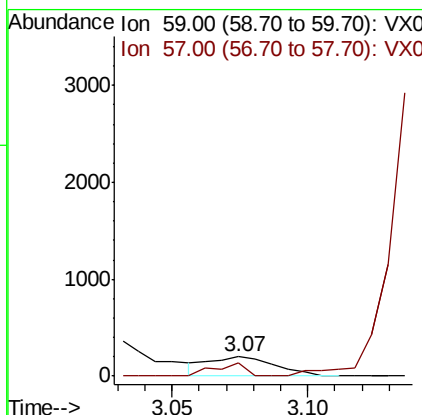
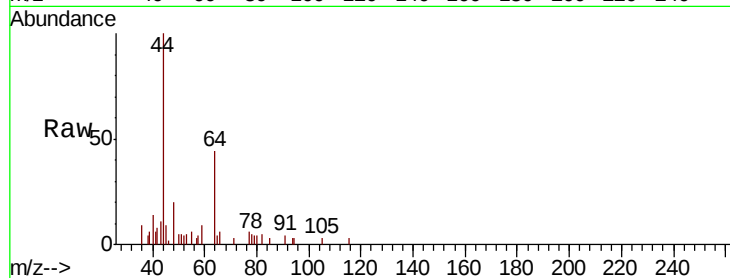




#11
Tert butyl alcohol
Concen: 0.32 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX003886.D
Acq: 07 Aug 2018 17:52

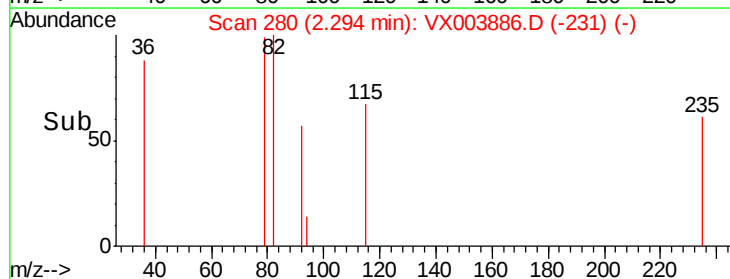
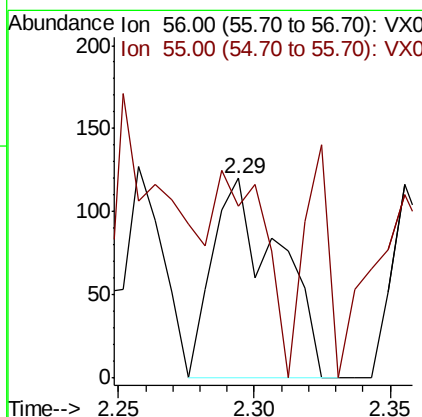
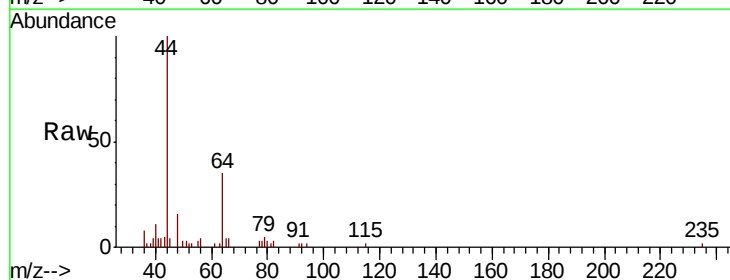
Instrument :
MSVOA_X
ClientSampleId :
FL-0515DL

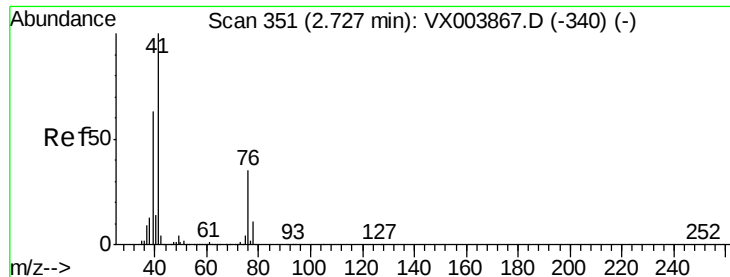
Tot Ion: 59 Resp: 343
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#13
Acrolein
Concen: Below Cal
RT: 2.29 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX003886.D
Acq: 07 Aug 2018 17:52

Tgt Ion: 56 Resp: 201
Ion Ratio Lower Upper
56 100
55 76.6 56.1 84.1





#14

Allvl chloride

Concen: 1.28 ug/l

RT: 2.84 min Scan# 370

Delta R.T. 0.12 min

Lab File: VX003886.D

Acq: 07 Aug 2018 17:52

Instrument :

MSVOA_X

ClientSampleId :

FL-0515DL

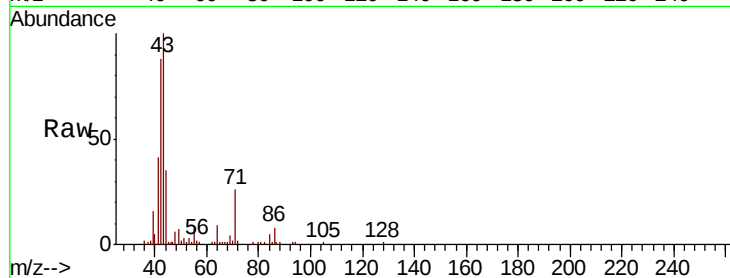
Tot Ion: 41 Resp: 8899

Ion Ratio Lower Upper

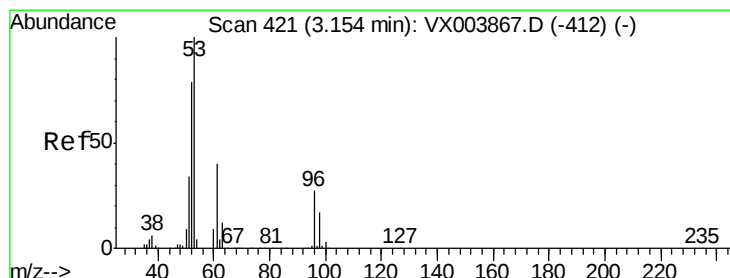
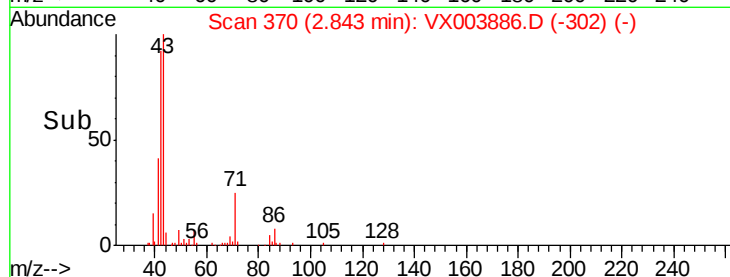
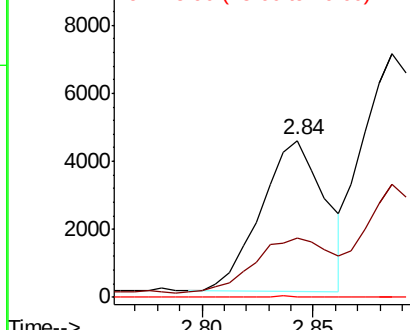
41 100

39 42.8 47.4 71.0#

76 0.0 26.0 39.0#



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 75.90 (75.60 to 76.60): VX0



#15

Acrylonitrile

Concen: 1.30 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.02 min

Lab File: VX003886.D

Acq: 07 Aug 2018 17:52

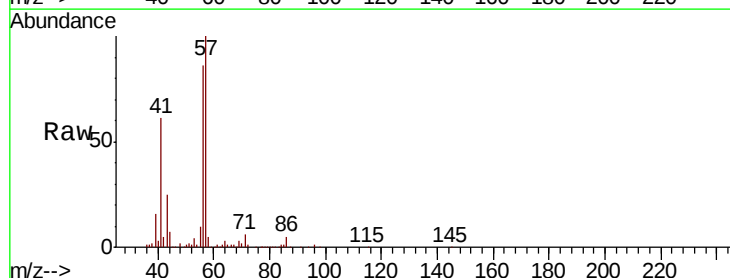
Tgt Ion: 53 Resp: 3338

Ion Ratio Lower Upper

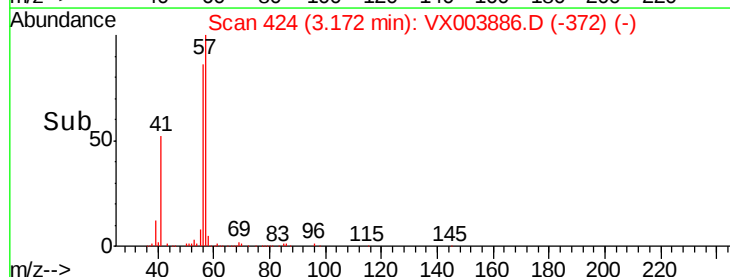
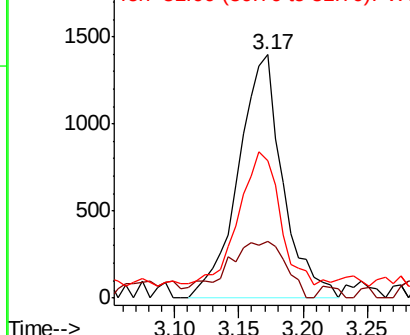
53 100

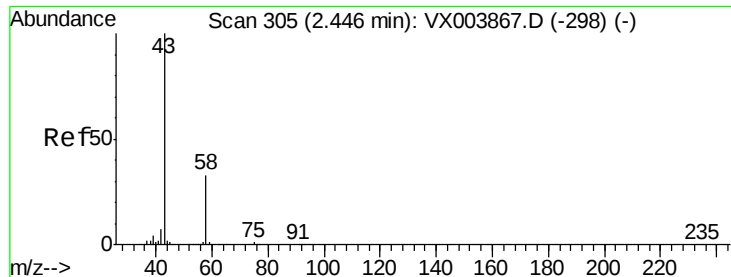
52 31.8 65.3 97.9#

51 49.4 27.9 41.9#



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: 0.95 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003886.D

Acq: 07 Aug 2018 17:52

Instrument :

MSVOA_X

ClientSampleId :

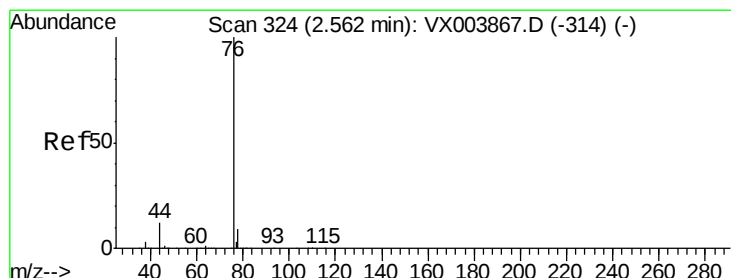
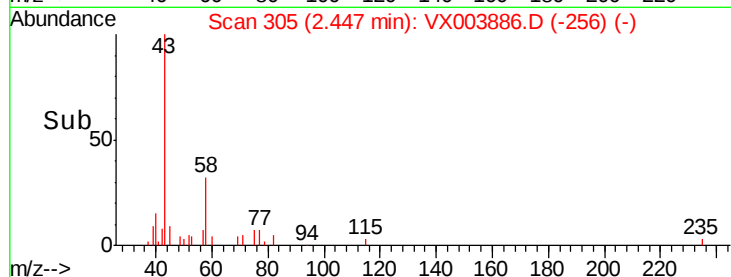
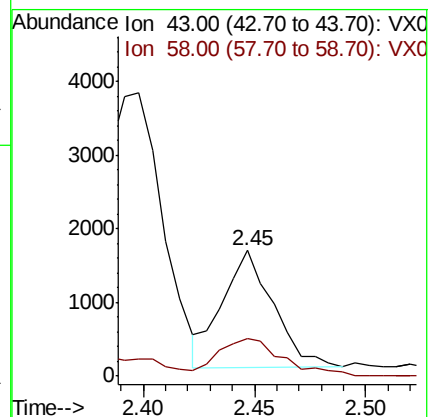
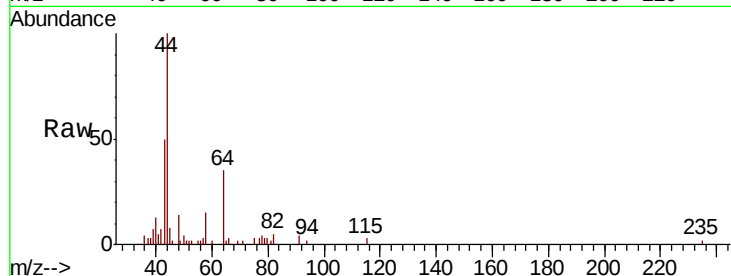
FL-0515DL

Tot Ion: 43 Resp: 2526

Ion Ratio Lower Upper

43 100

58 28.5 26.4 39.6



#17

Carbon Disulfide

Concen: 0.63 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.01 min

Lab File: VX003886.D

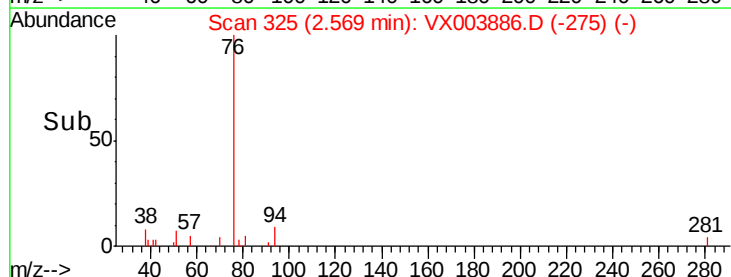
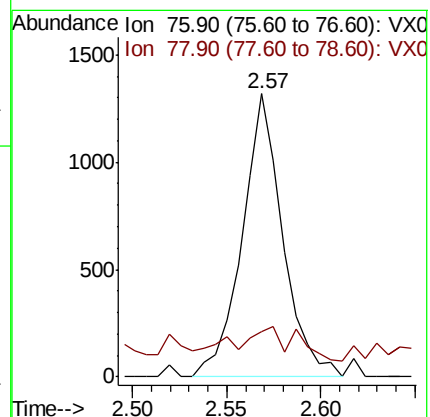
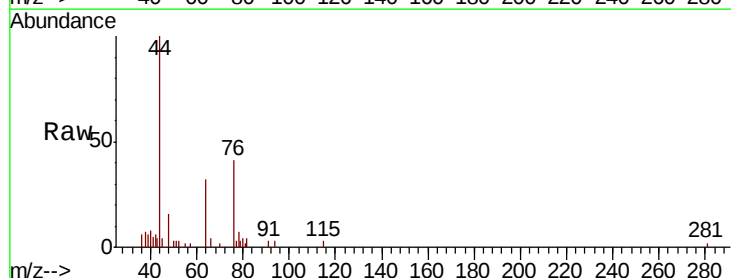
Acq: 07 Aug 2018 17:52

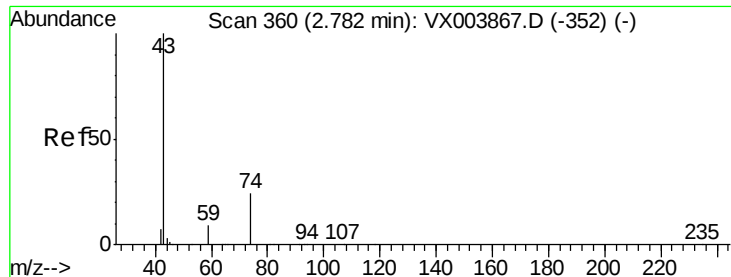
Tgt Ion: 76 Resp: 1963

Ion Ratio Lower Upper

76 100

78 10.6 7.5 11.3

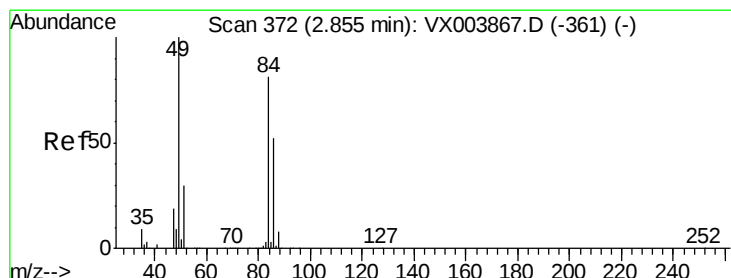
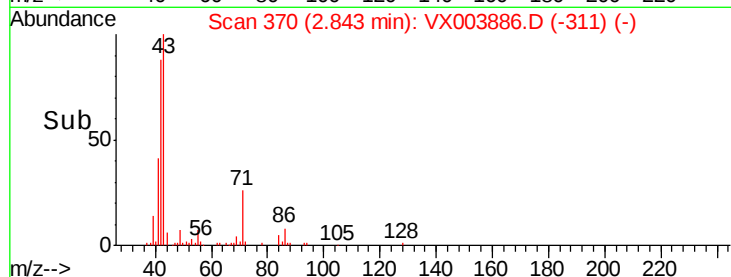
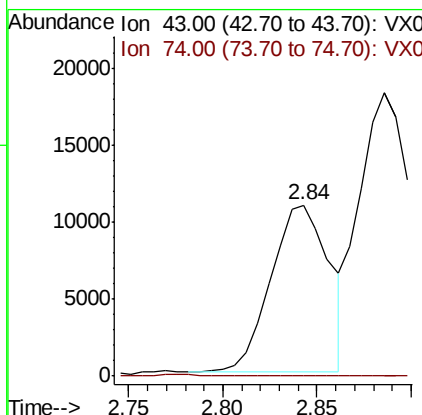
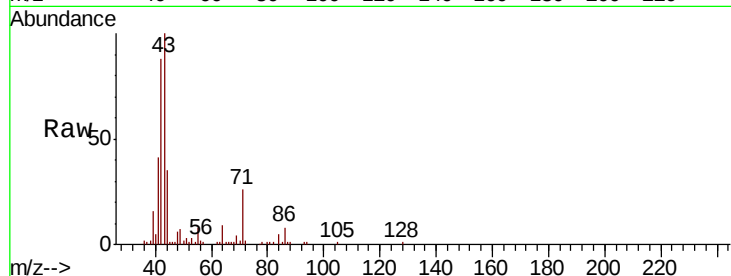




#18
Methyl Acetate
Concen: 4.03 ug/l
RT: 2.84 min Scan# 370
Delta R.T. 0.06 min
Lab File: VX003886.D
Acq: 07 Aug 2018 17:52

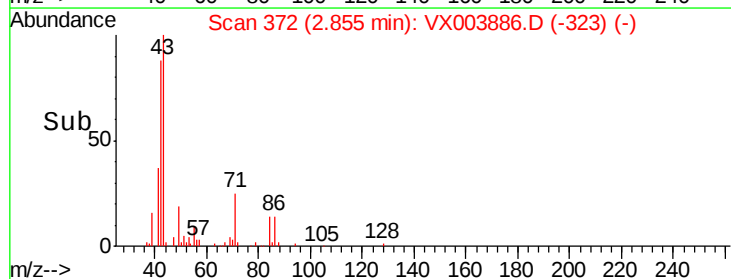
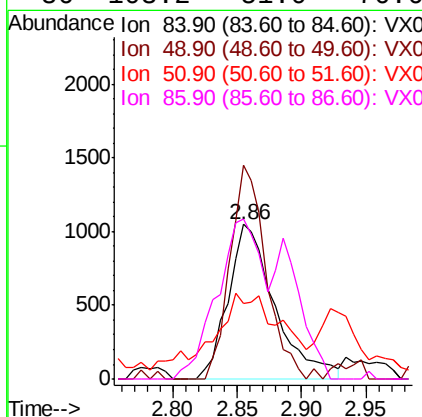
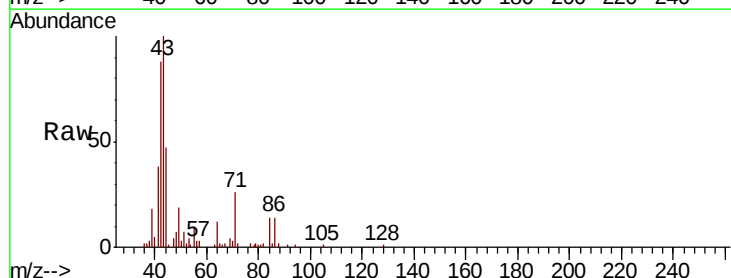
Instrument :
MSVOA_X
ClientSampleId :
FL-0515DL

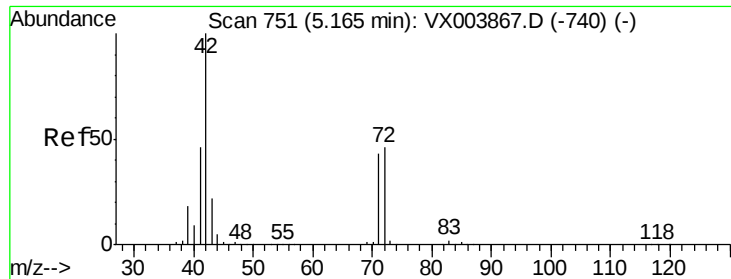
Tot Ion: 43 Resp: 23321
Ion Ratio Lower Upper
43 100
74 0.0 18.9 28.3#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003886.D
Acq: 07 Aug 2018 17:52

Tgt Ion: 84 Resp: 2651
Ion Ratio Lower Upper
84 100
49 138.2 98.9 148.3
51 36.4 29.9 44.9
86 103.2 51.0 76.6#

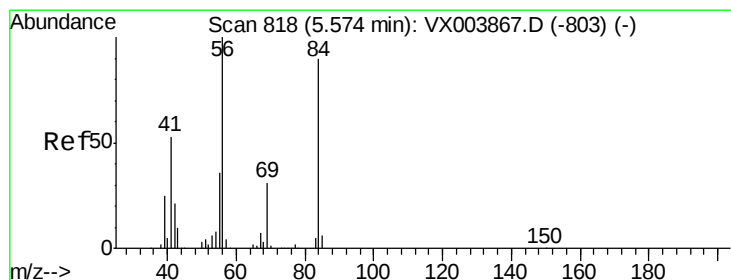
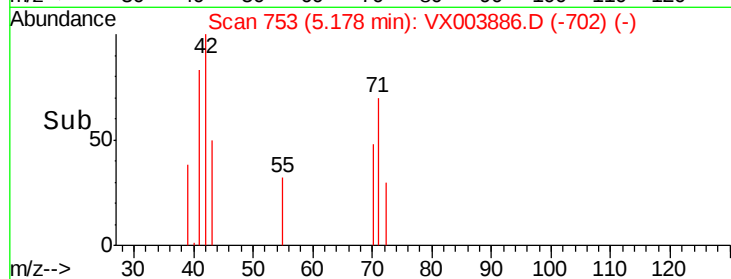
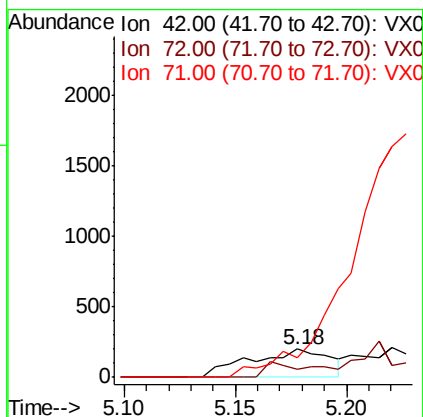
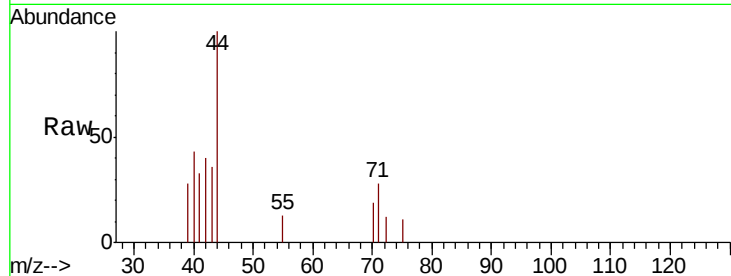




#29
Tetrahydrofuran
Concen: 0.24 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.01 min
Lab File: VX003886.D
Acq: 07 Aug 2018 17:52

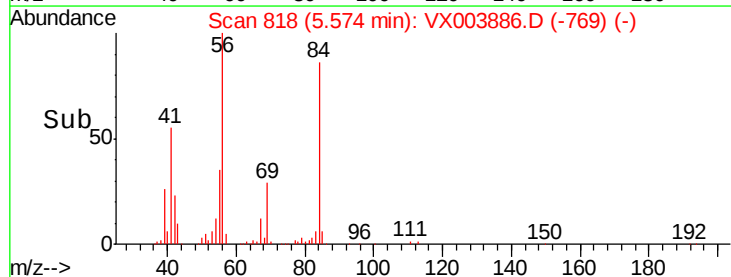
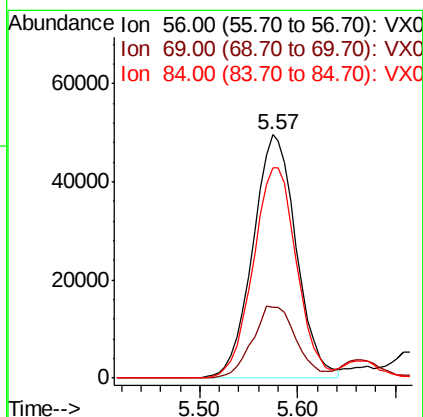
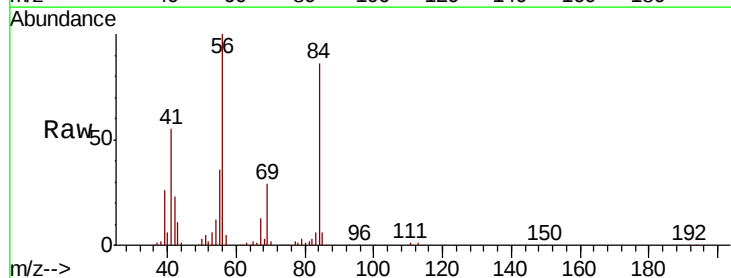
Instrument :
MSVOA_X
ClientSampled :
FL-0515DL

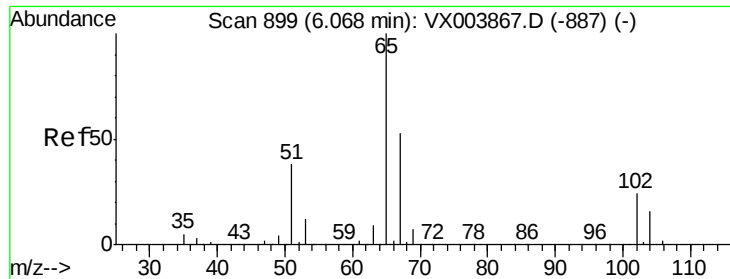
Tot Ion: 42 Resp: 499
Ion Ratio Lower Upper
42 100
72 24.2 37.7 56.5#
71 0.0 35.0 52.6#



#31
Cyclohexane
Concen: 23.70 ug/l
RT: 5.57 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX003886.D
Acq: 07 Aug 2018 17:52

Tgt Ion: 56 Resp: 152599
Ion Ratio Lower Upper
56 100
69 29.0 24.9 37.3
84 86.5 71.7 107.5

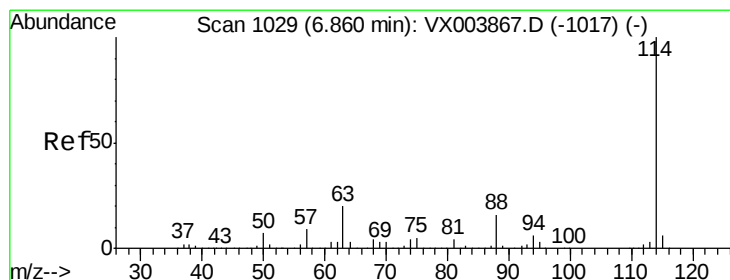
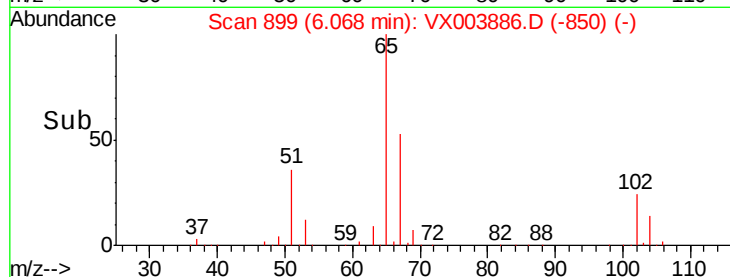
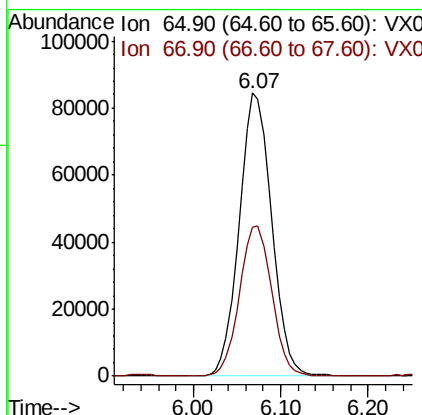
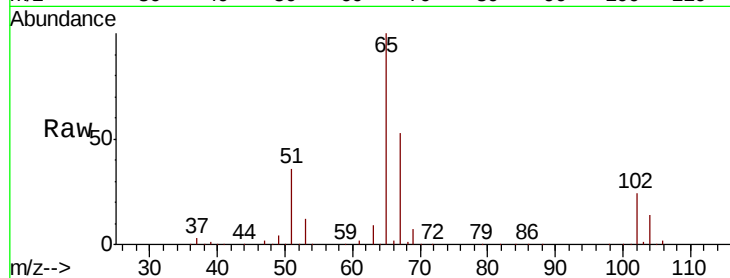




#33
 1,2-Dichloroethane-d4
 Concen: 48.81 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX003886.D
 Acq: 07 Aug 2018 17:52

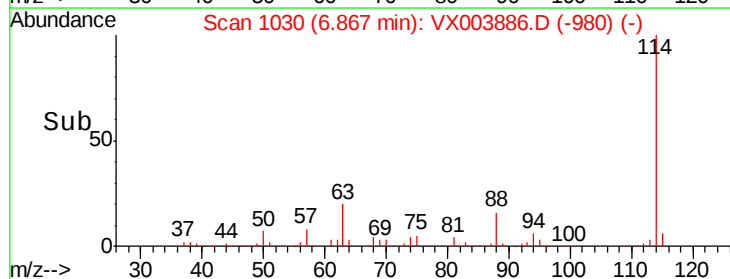
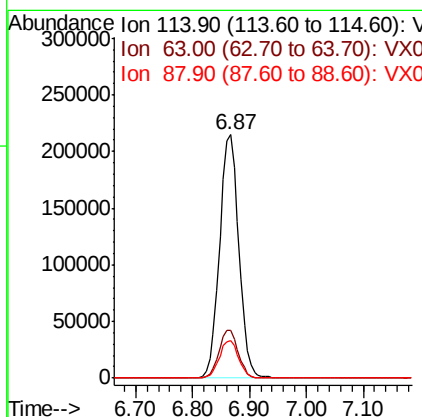
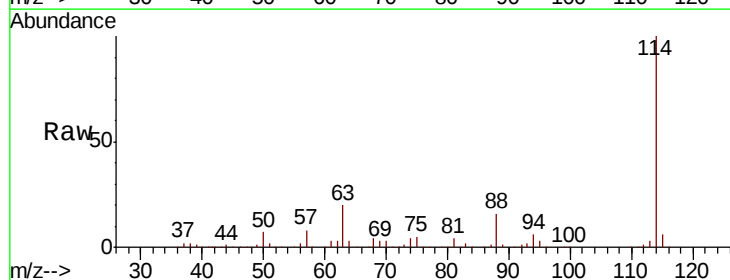
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0515DL

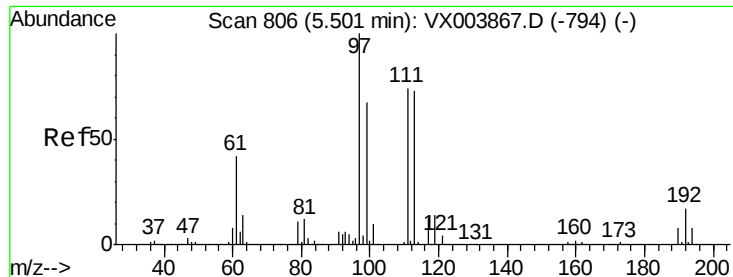
Tot Ion: 65 Resp: 218091
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.01 min
 Lab File: VX003886.D
 Acq: 07 Aug 2018 17:52

Tgt Ion: 114 Resp: 504549
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.0
 88 15.6 0.0 32.0





#35

Dibromofluoromethane

Concen: 48.34 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX003886.D

Acq: 07 Aug 2018 17:52

Instrument :

MSVOA_X

ClientSampleId :

FL-0515DL

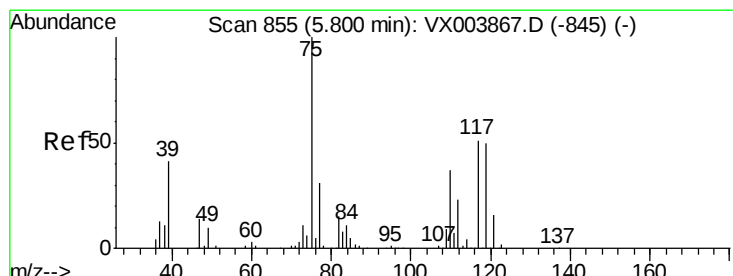
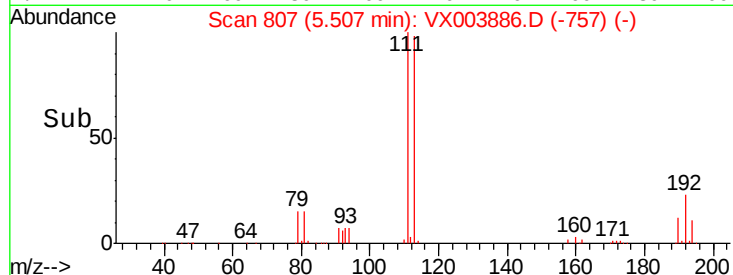
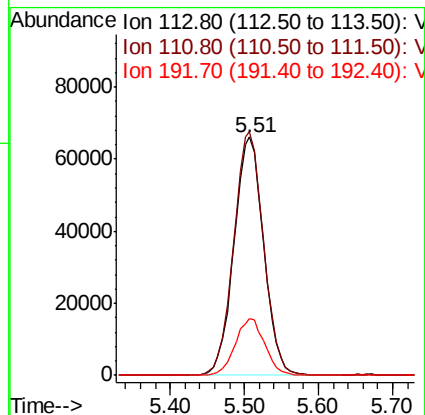
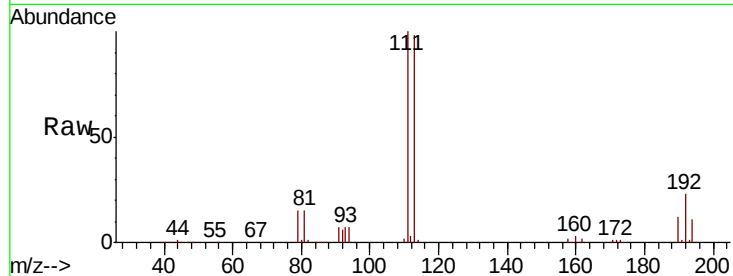
Tot Ion:113 Resp: 184792

Ion Ratio Lower Upper

113 100

111 102.5 82.0 123.0

192 23.7 19.0 28.4



#36

1,1-Dichloropropene

Concen: 4.12 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.13 min

Lab File: VX003886.D

Acq: 07 Aug 2018 17:52

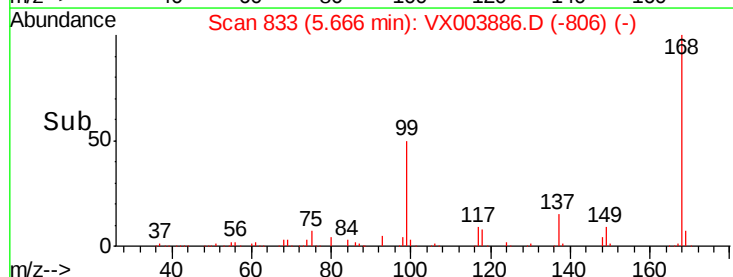
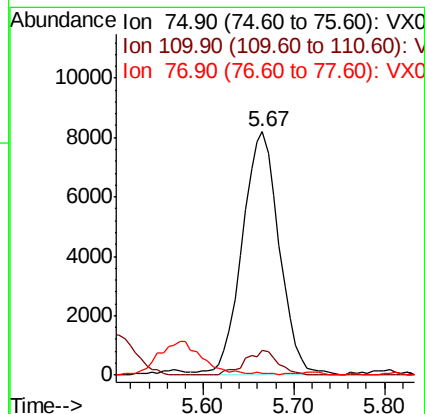
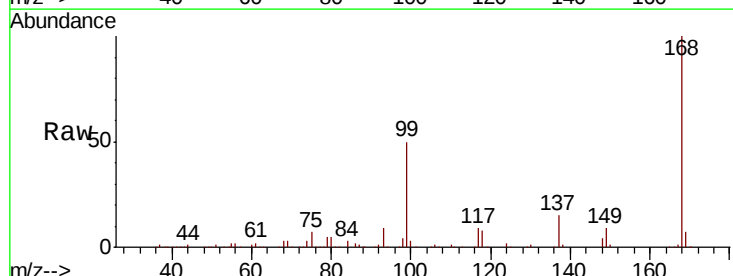
Tgt Ion: 75 Resp: 23278

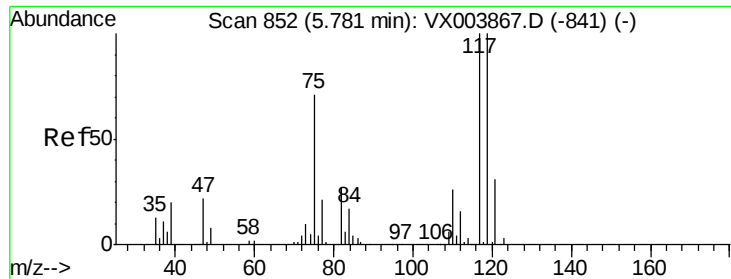
Ion Ratio Lower Upper

75 100

110 9.0 18.2 54.6#

77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 5.64 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.12 min

Lab File: VX003886.D

Acq: 07 Aug 2018 17:52

Instrument :

MSVOA_X

ClientSampleId :

FL-0515DL

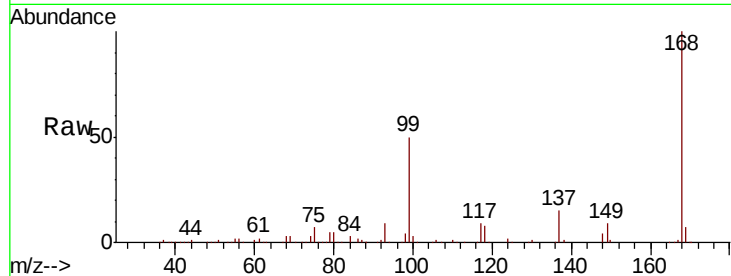
Tot Ion:117 Resp: 30344

Ion Ratio Lower Upper

117 100

119 5.5 79.5 119.3#

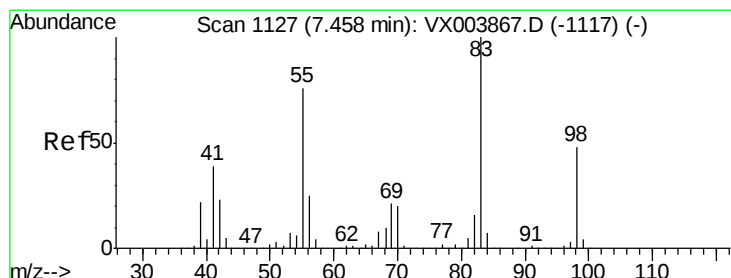
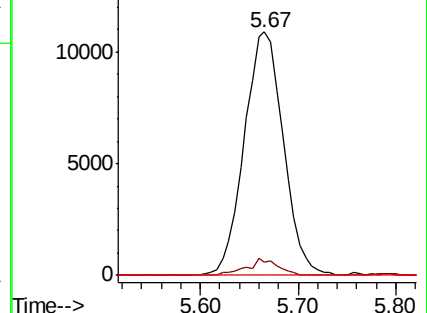
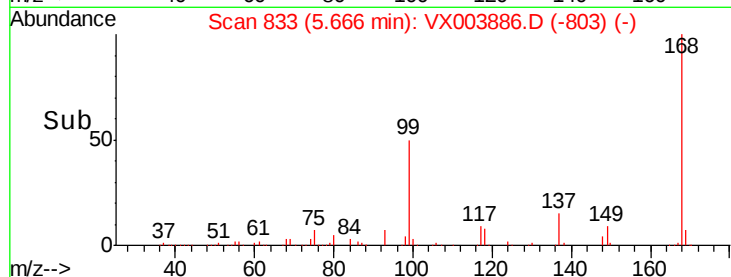
121 0.0 25.0 37.4#



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: 34.78 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. 0.01 min

Lab File: VX003886.D

Acq: 07 Aug 2018 17:52

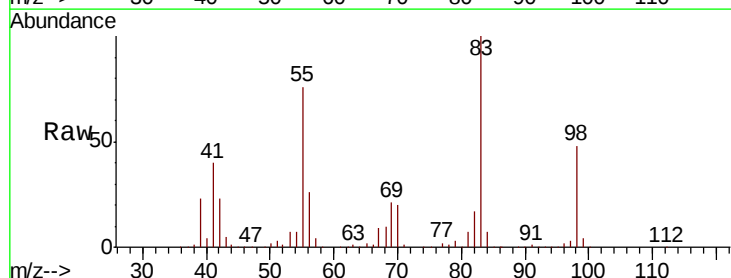
Tgt Ion: 83 Resp: 231697

Ion Ratio Lower Upper

83 100

55 75.5 61.0 91.6

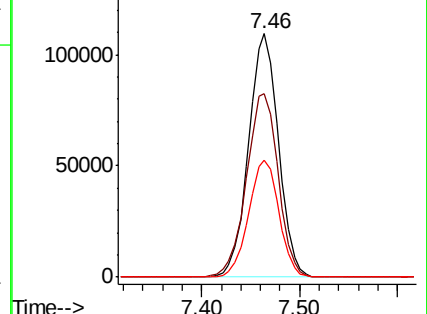
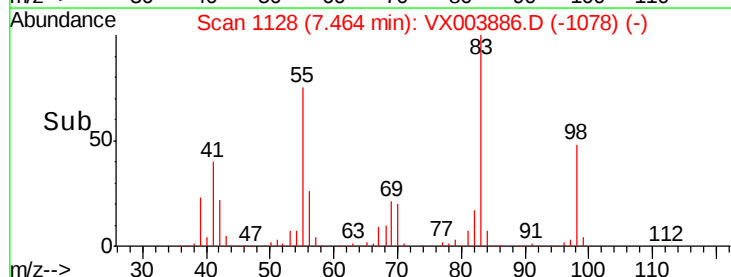
98 48.2 38.6 57.8

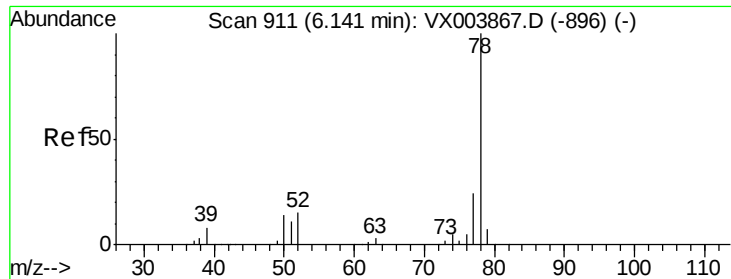


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 2.74 ug/l

RT: 6.15 min Scan# 912

Delta R.T. 0.01 min

Lab File: VX003886.D

Acq: 07 Aug 2018 17:52

Instrument :

MSVOA_X

ClientSampleId :

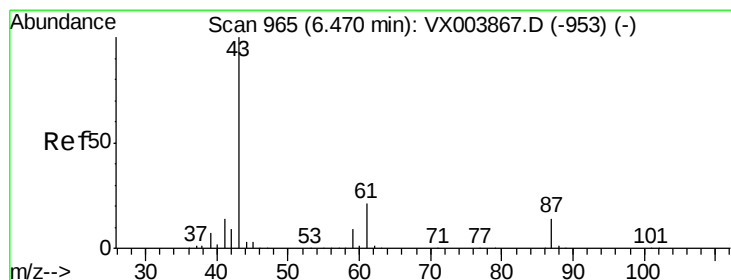
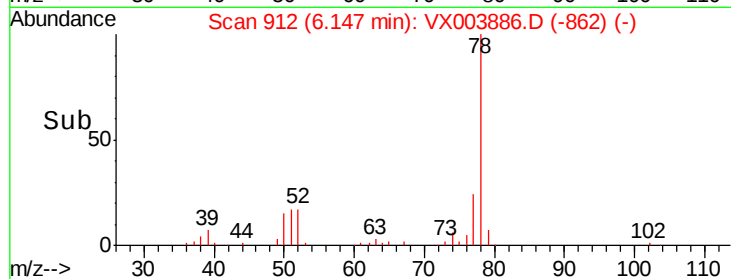
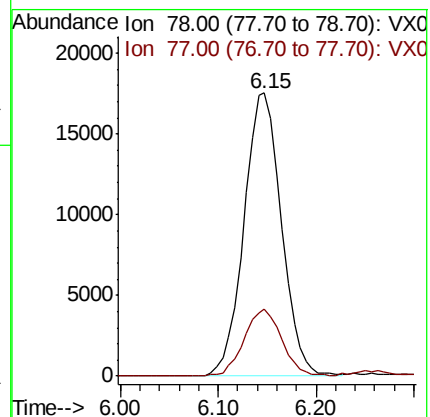
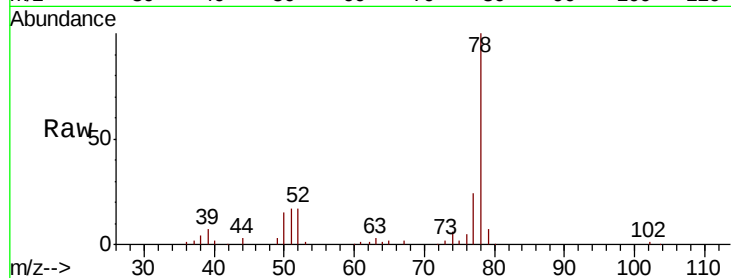
FL-0515DL

Tot Ion: 78 Resp: 46548

Ion Ratio Lower Upper

78 100

77 23.8 19.0 28.4



#43

Isopropyl Acetate

Concen: 0.32 ug/l

RT: 6.45 min Scan# 961

Delta R.T. -0.02 min

Lab File: VX003886.D

Acq: 07 Aug 2018 17:52

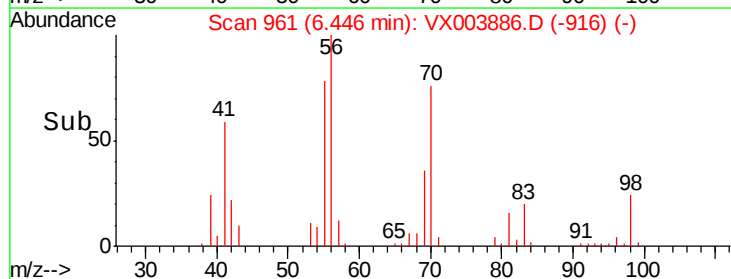
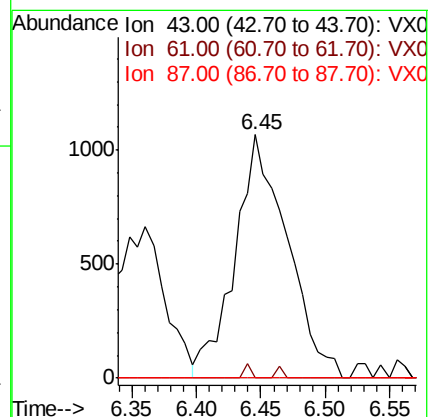
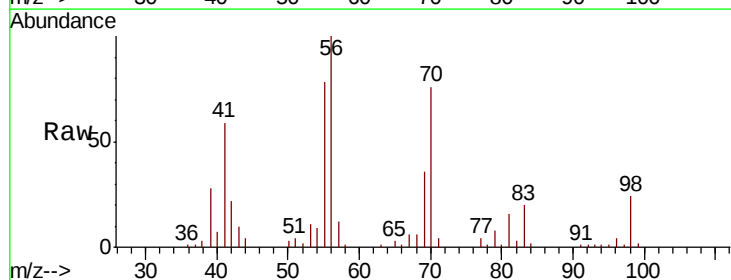
Tgt Ion: 43 Resp: 3015

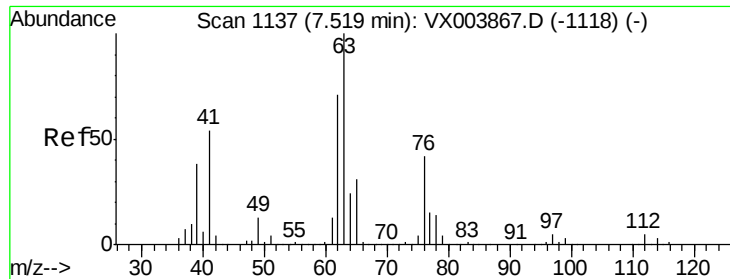
Ion Ratio Lower Upper

43 100

61 0.8 16.9 25.3#

87 0.0 11.3 16.9#





#45

1,2-Dichloropropane

Concen: 0.56 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. -0.05 min

Lab File: VX003886.D

Acq: 07 Aug 2018 17:52

Instrument :

MSVOA_X

ClientSampleId :

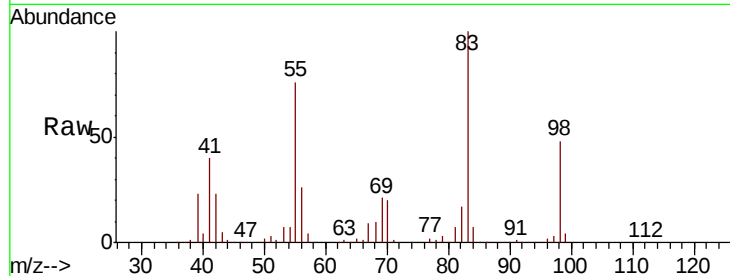
FL-0515DL

Tot Ion: 63 Resp: 2448

Ion Ratio Lower Upper

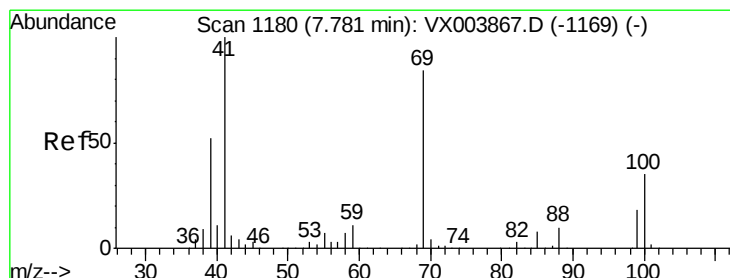
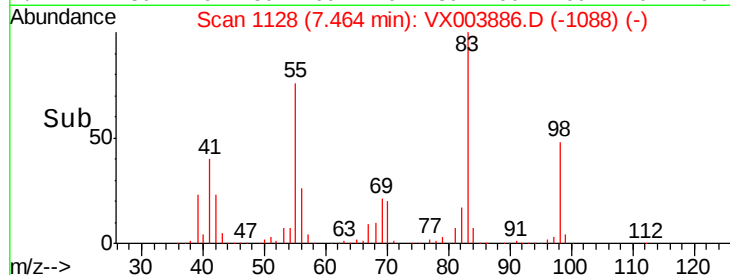
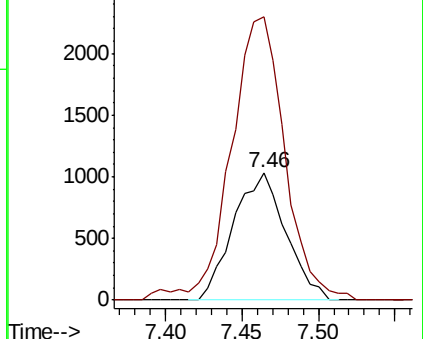
63 100

65 216.5 24.6 36.8#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#48

Methyl methacrylate

Concen: 1.88 ug/l

RT: 7.73 min Scan# 1172

Delta R.T. -0.05 min

Lab File: VX003886.D

Acq: 07 Aug 2018 17:52

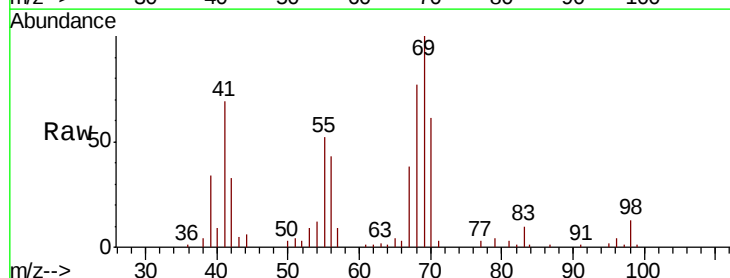
Tgt Ion: 41 Resp: 8947

Ion Ratio Lower Upper

41 100

69 149.0 68.8 103.2#

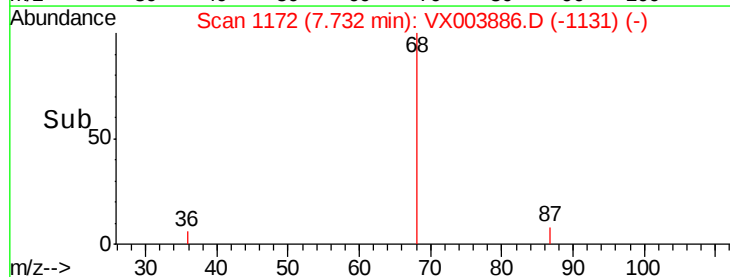
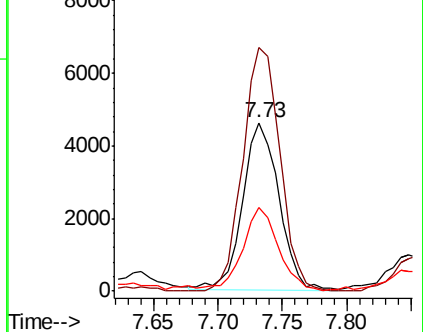
39 50.1 42.3 63.5

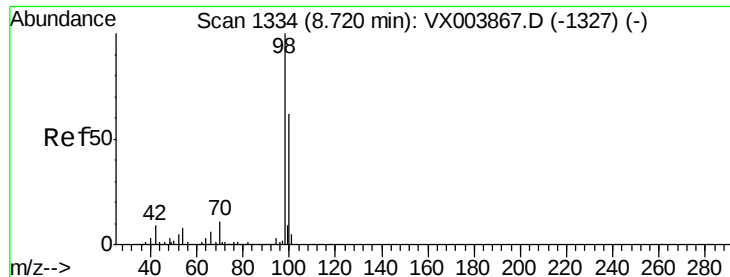


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#50

Toluene-d8

Concen: 49.12 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003886.D

Acq: 07 Aug 2018 17:52

Instrument :

MSVOA_X

ClientSampled :

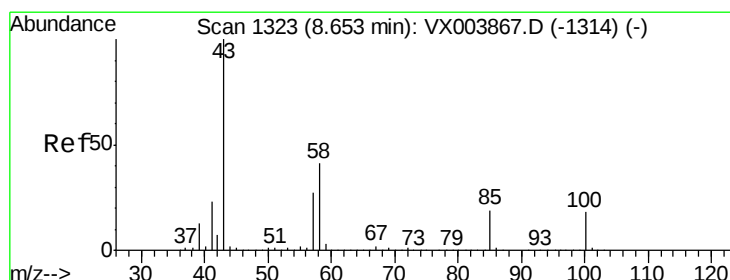
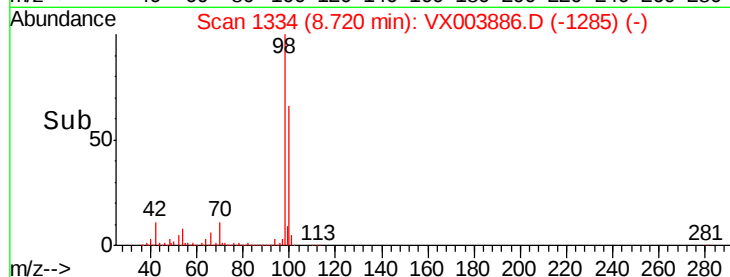
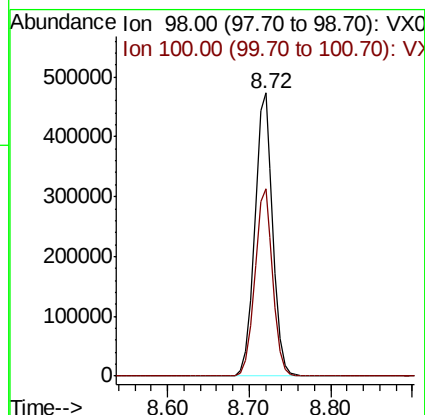
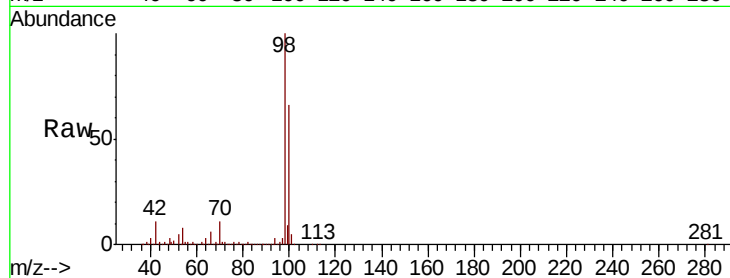
FL-0515DL

Tot Ion: 98 Resp: 730080

Ion Ratio Lower Upper

98 100

100 65.6 53.3 79.9



#51

4-Methyl-2-Pentanone

Concen: 0.27 ug/l

RT: 8.66 min Scan# 1325

Delta R.T. 0.01 min

Lab File: VX003886.D

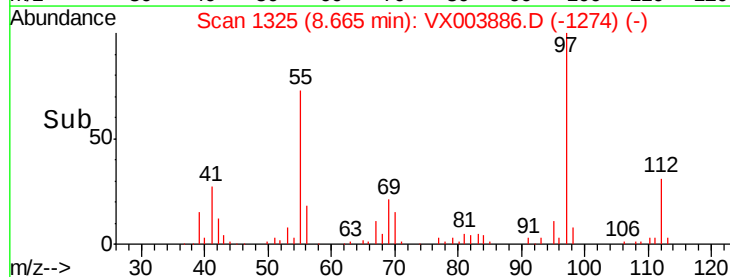
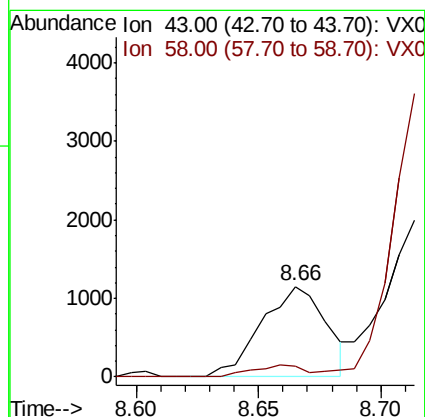
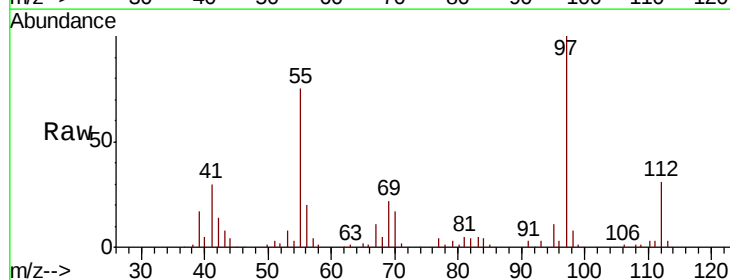
Acq: 07 Aug 2018 17:52

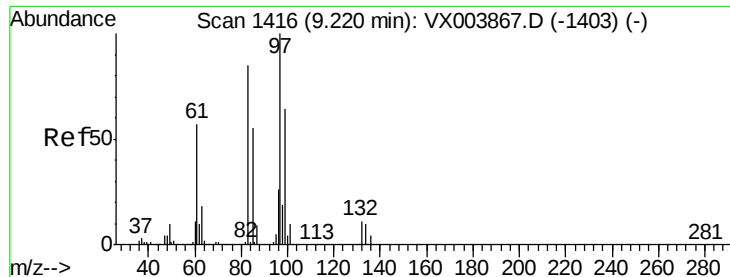
Tgt Ion: 43 Resp: 2111

Ion Ratio Lower Upper

43 100

58 11.6 33.0 49.6#

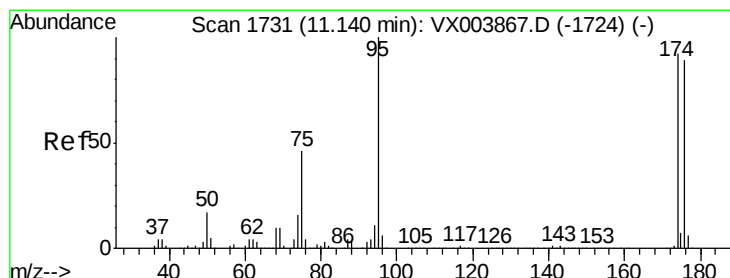
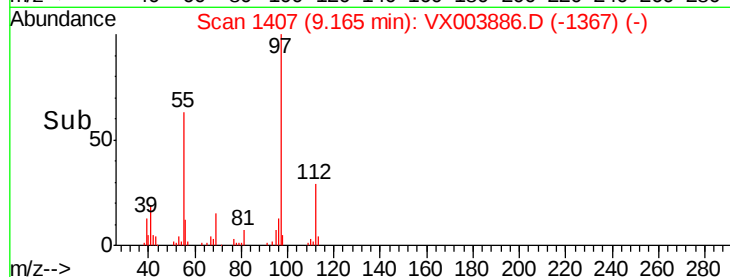
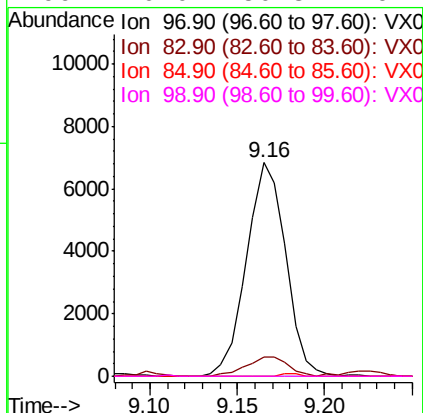
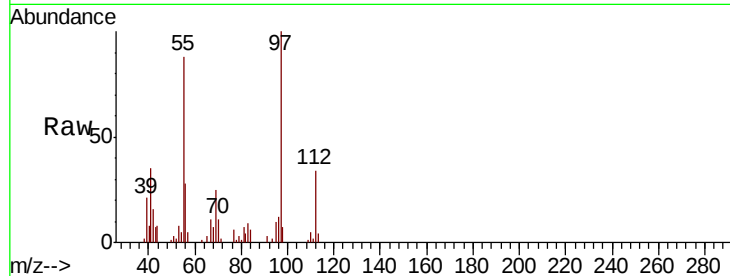




#55
 1,1,2-Trichloroethane
 Concen: 2.44 ug/l
 RT: 9.16 min Scan# 1407
 Delta R.T. -0.05 min
 Lab File: VX003886.D
 Acq: 07 Aug 2018 17:52

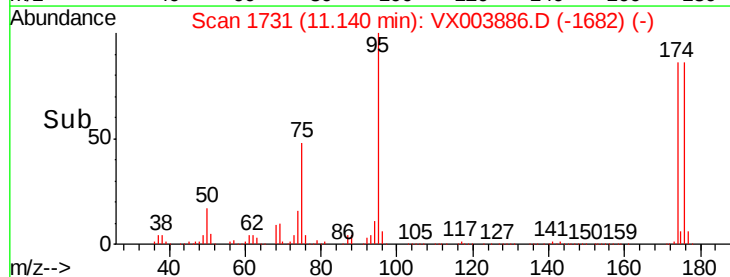
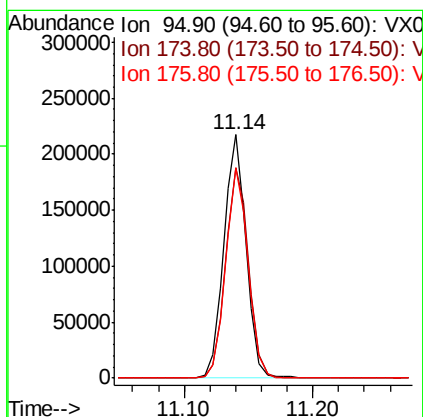
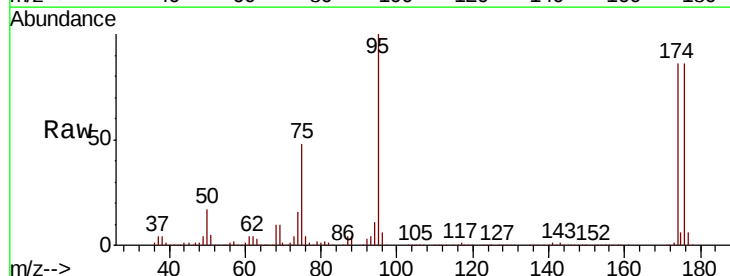
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0515DL

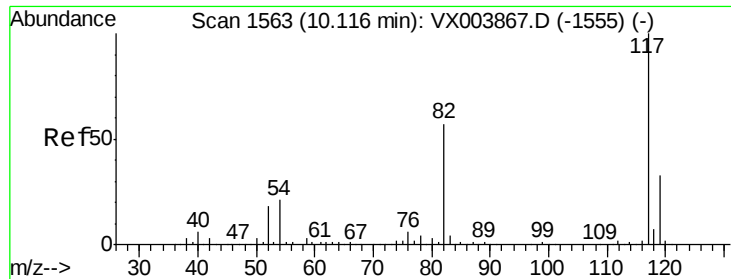
Tot Ion: 97 Resp: 10671
 Ion Ratio Lower Upper
 97 100
 83 9.1 67.8 101.6#
 85 0.0 44.2 66.2#
 99 0.0 50.8 76.2#



#62
 4-Bromofluorobenzene
 Concen: 55.12 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX003886.D
 Acq: 07 Aug 2018 17:52

Tgt Ion: 95 Resp: 265125
 Ion Ratio Lower Upper
 95 100
 174 89.1 0.0 182.8
 176 86.5 0.0 179.0

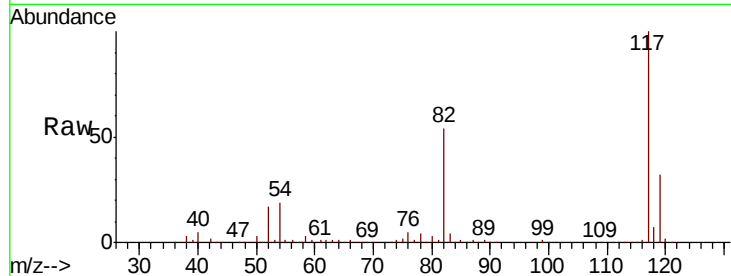




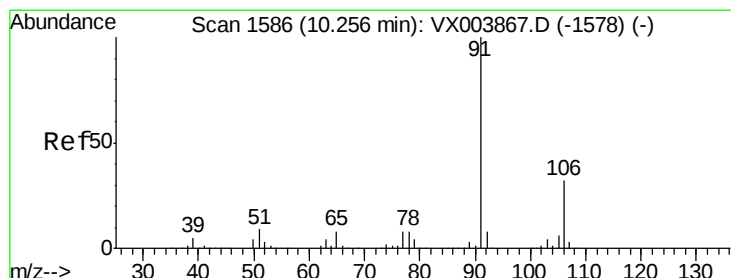
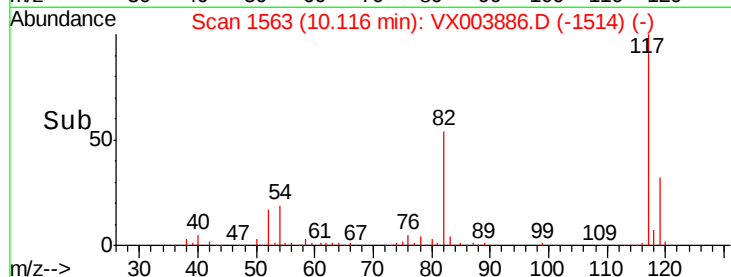
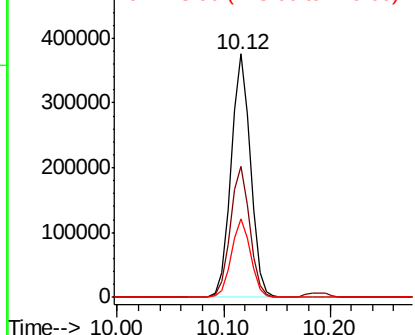
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003886.D
Acq: 07 Aug 2018 17:52

Instrument :
MSVOA_X
ClientSampled :
FL-0515DL

Tot Ion:117 Resp: 481796
Ion Ratio Lower Upper
117 100
82 53.6 45.4 68.0
119 32.2 26.6 40.0

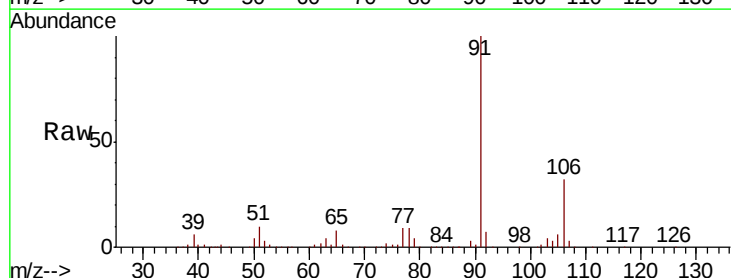


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

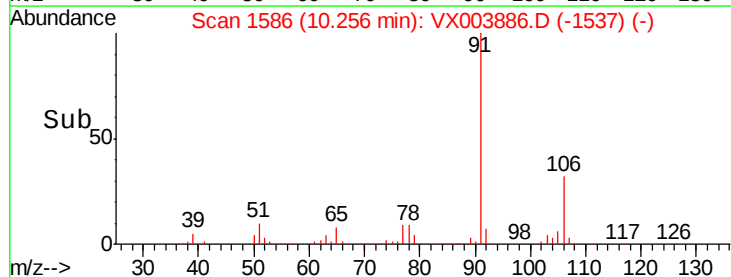
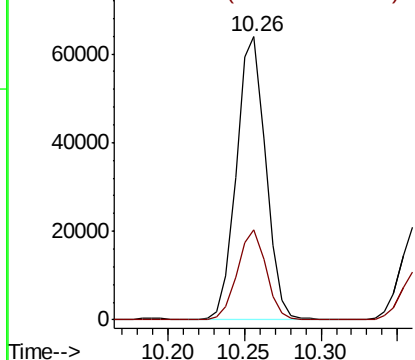


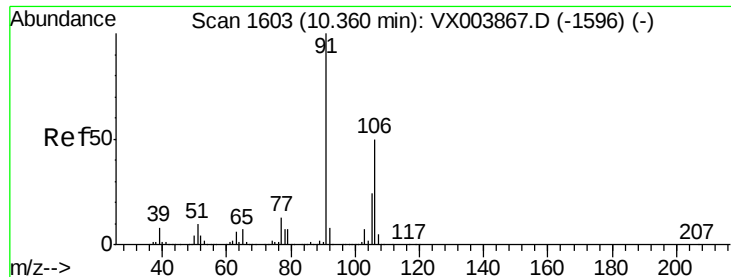
#67
Ethyl Benzene
Concen: 4.14 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003886.D
Acq: 07 Aug 2018 17:52

Tgt Ion: 91 Resp: 84885
Ion Ratio Lower Upper
91 100
106 31.8 25.9 38.9



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 106.00 (105.70 to 106.70): V

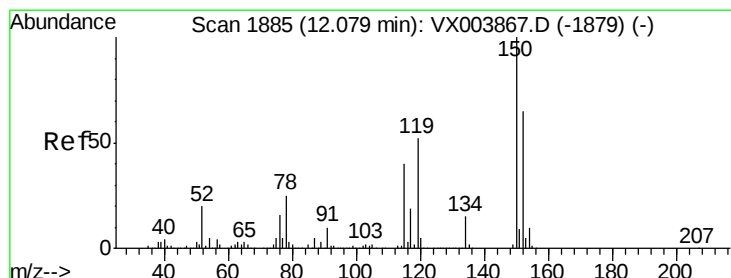
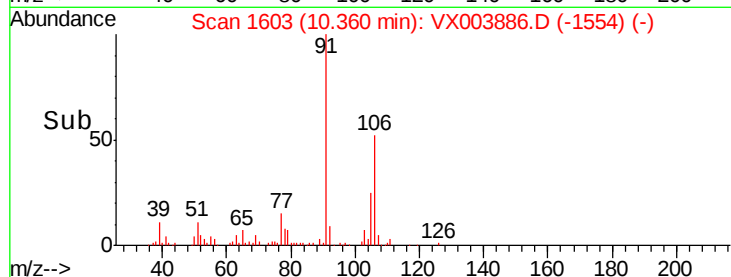
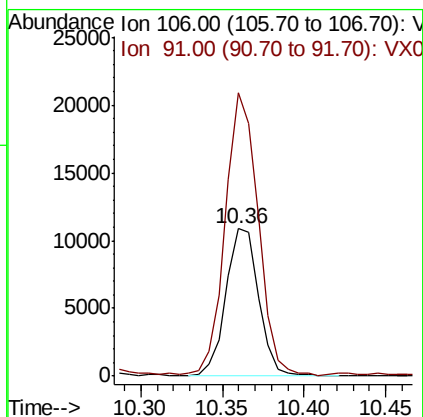
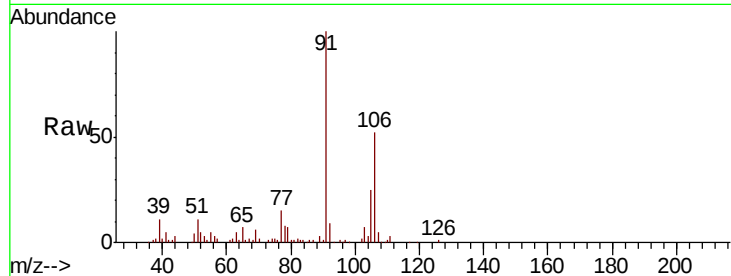




#68
m/p-Xvlenes
Concen: 1.90 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003886.D
Acq: 07 Aug 2018 17:52

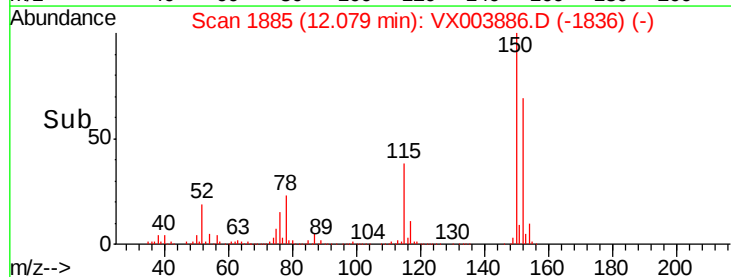
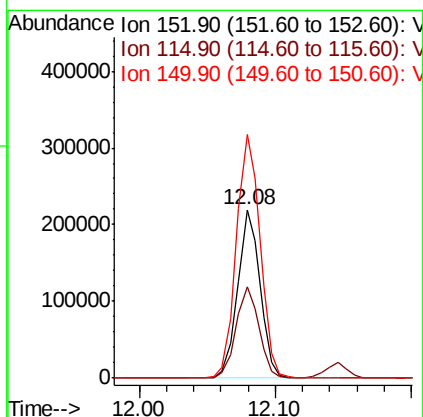
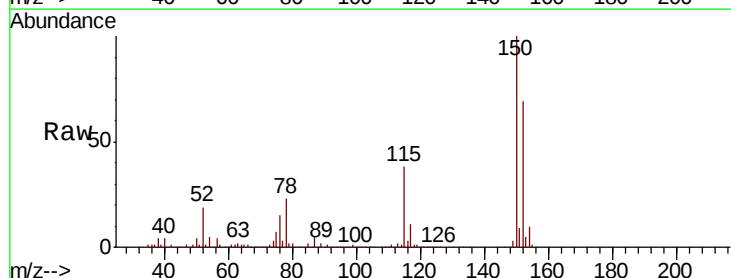
Instrument :
MSVOA_X
ClientSampled :
FL-0515DL

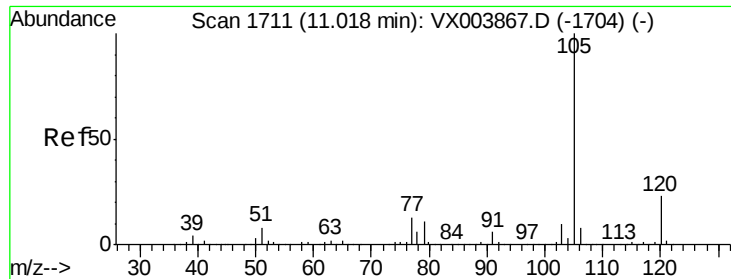
Tot Ion:106 Resp: 15262
Ion Ratio Lower Upper
106 100
91 191.4 162.3 243.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003886.D
Acq: 07 Aug 2018 17:52

Tgt Ion:152 Resp: 250236
Ion Ratio Lower Upper
152 100
115 56.0 39.1 117.3
150 154.1 0.0 349.2





#73

Isopropylbenzene

Concen: 9.72 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX003886.D

Acq: 07 Aug 2018 17:52

Instrument :

MSVOA_X

ClientSampleId :

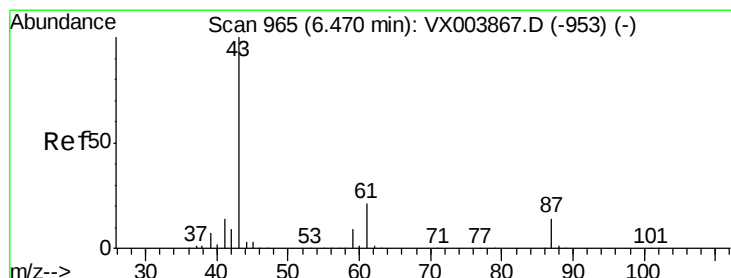
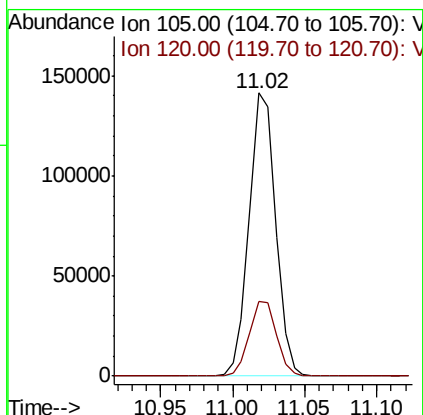
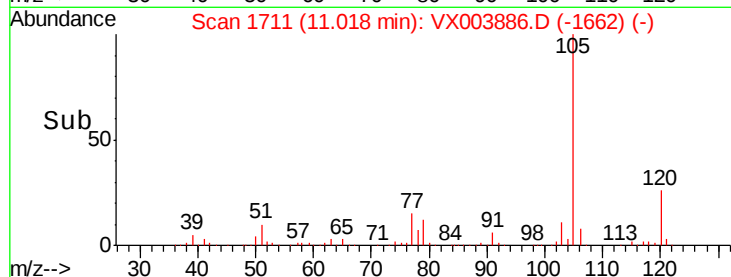
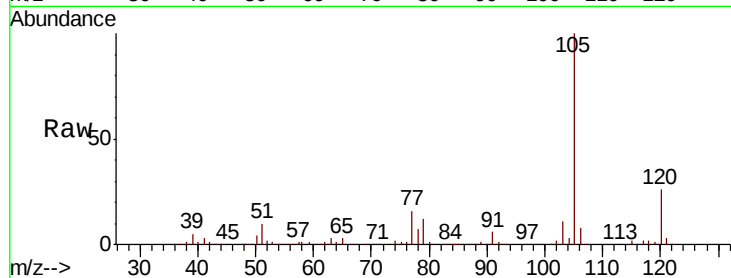
FL-0515DL

Tot Ion:105 Resp: 179897

Ion Ratio Lower Upper

105 100

120 26.8 12.6 37.8



#74

N-ethyl acetate

Concen: 0.31 ug/l

RT: 6.45 min Scan# 961

Delta R.T. -0.02 min

Lab File: VX003886.D

Acq: 07 Aug 2018 17:52

Tgt Ion: 43 Resp: 3015

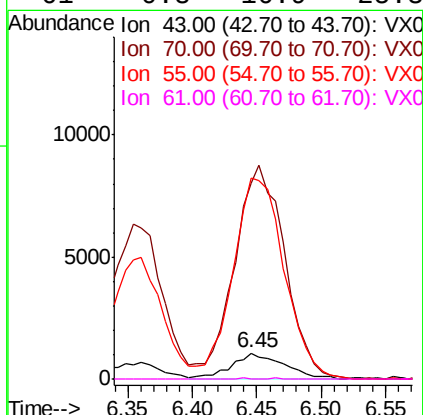
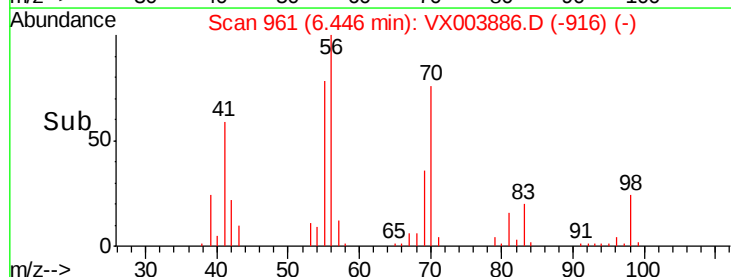
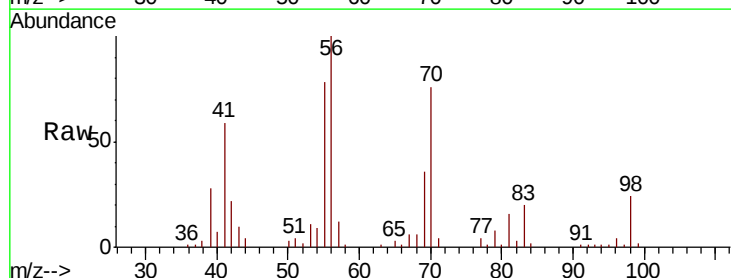
Ion Ratio Lower Upper

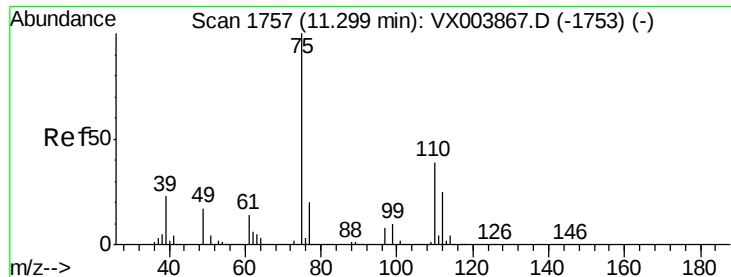
43 100

70 778.6 0.0 0.0#

55 756.4 0.1 0.1#

61 0.8 16.9 25.3#





#76

1,2,3-Trichloropropane

Concen: 23.14 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX003886.D

Acq: 07 Aug 2018 17:52

Instrument :

MSVOA_X

ClientSampleId :

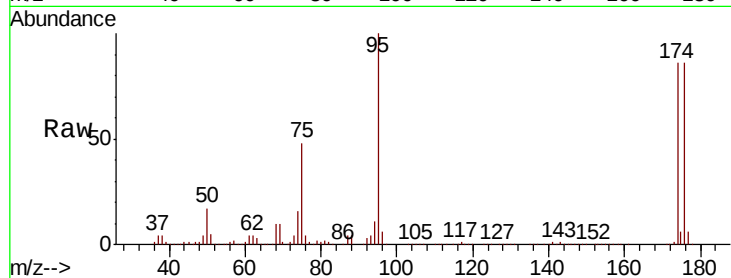
FL-0515DL

Tot Ion: 75 Resp: 127909

Ion Ratio Lower Upper

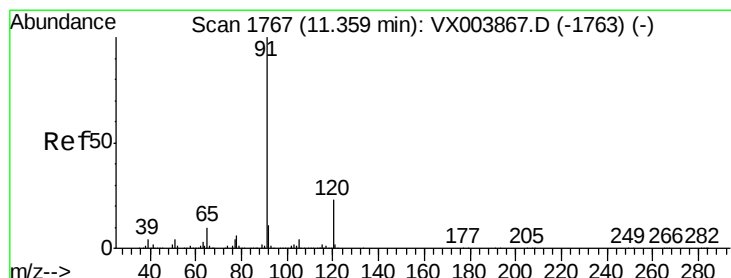
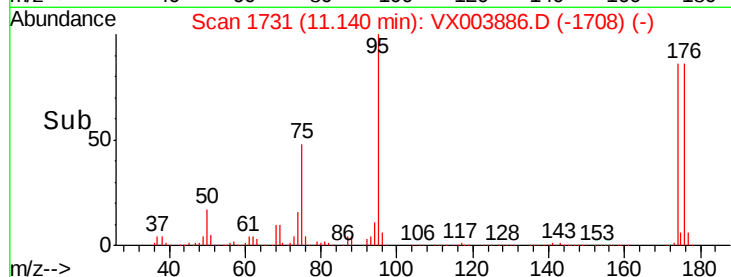
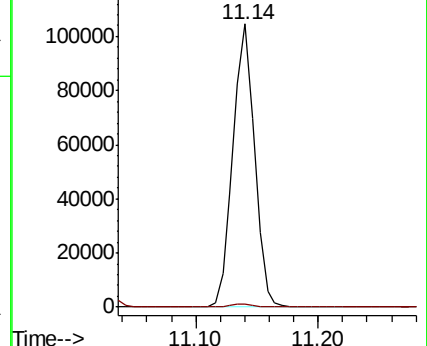
75 100

77 1.4 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: 15.34 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX003886.D

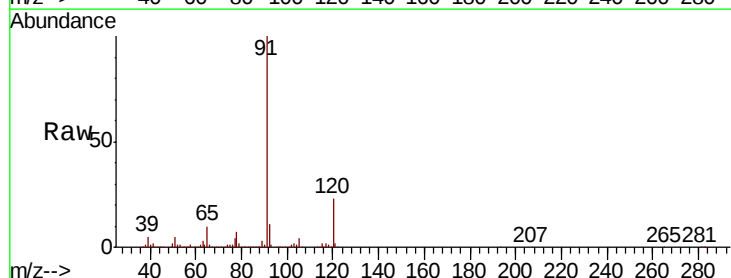
Acq: 07 Aug 2018 17:52

Tgt Ion: 91 Resp: 318785

Ion Ratio Lower Upper

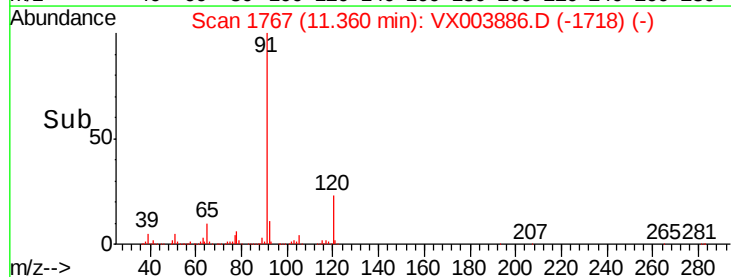
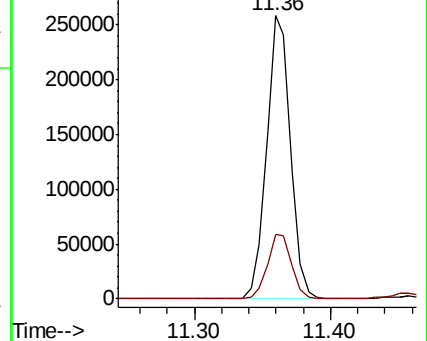
91 100

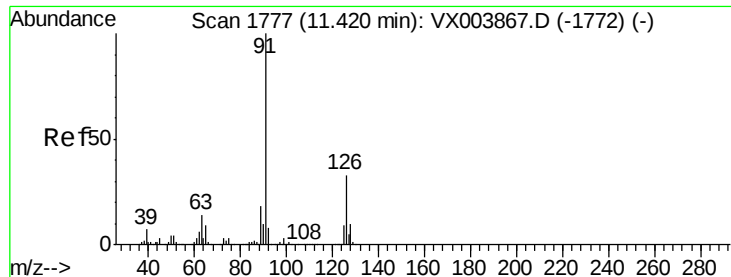
120 23.0 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 25.15 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.06 min

Lab File: VX003886.D

Acq: 07 Aug 2018 17:52

Instrument :

MSVOA_X

ClientSampleId :

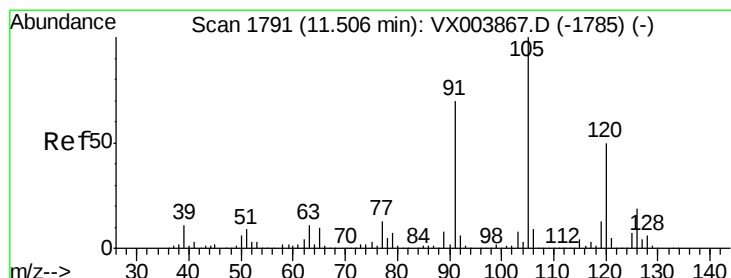
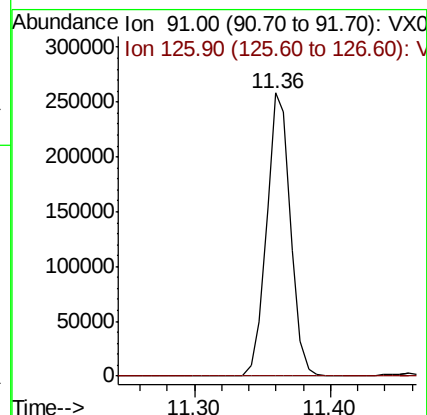
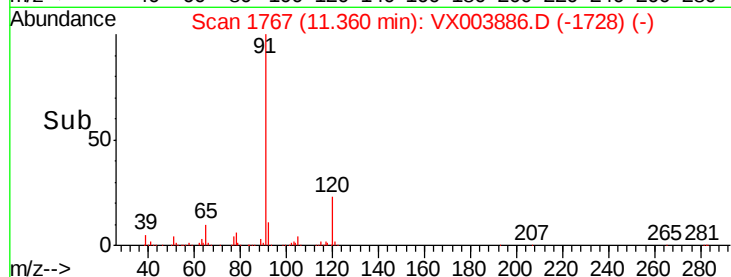
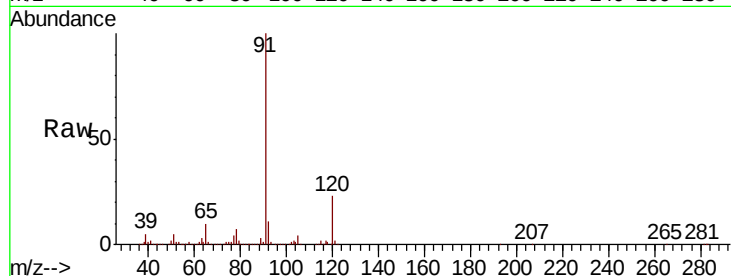
FL-0515DL

Tot Ion: 91 Resp: 318785

Ion Ratio Lower Upper

91 100

126 0.0 17.4 52.3#



#80

1,3,5-Trimethylbenzene

Concen: 2.60 ug/l

RT: 11.67 min Scan# 1818

Delta R.T. 0.16 min

Lab File: VX003886.D

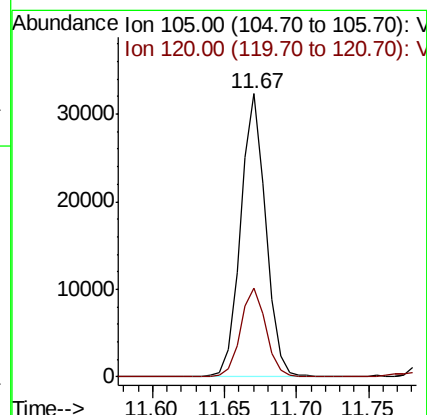
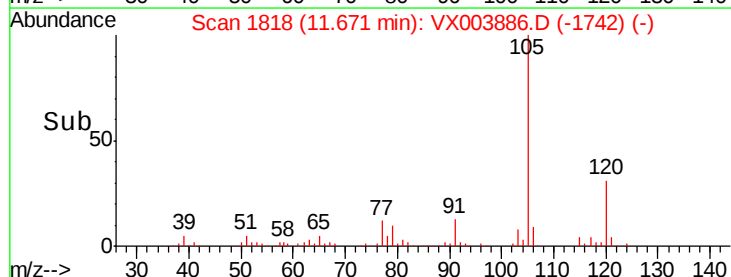
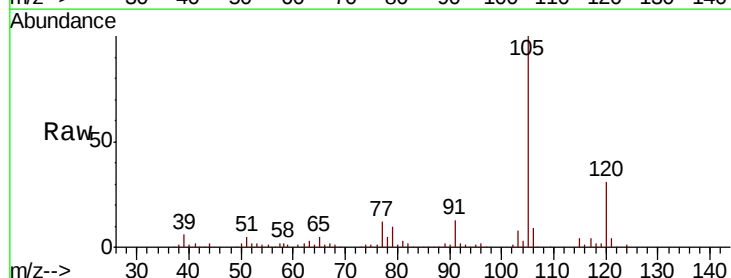
Acq: 07 Aug 2018 17:52

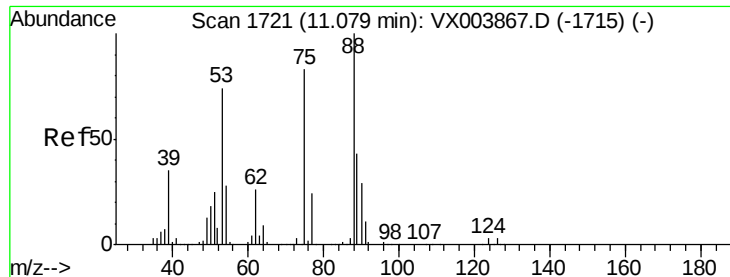
Tgt Ion:105 Resp: 39227

Ion Ratio Lower Upper

105 100

120 31.6 25.4 76.2

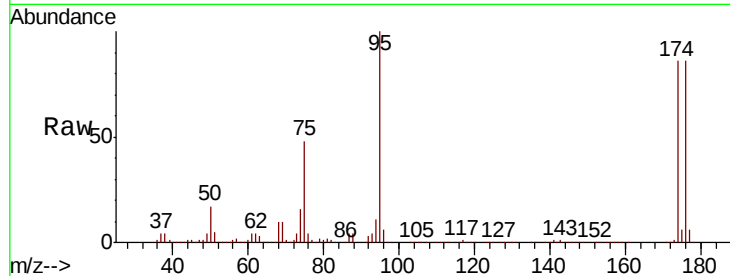




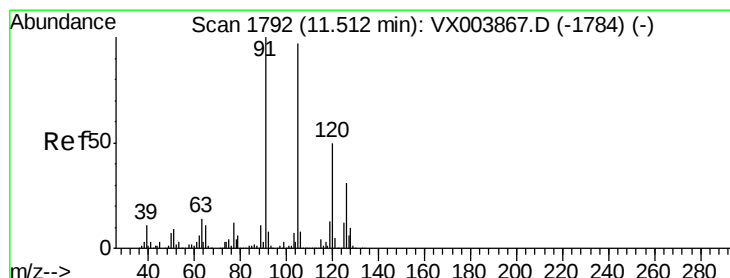
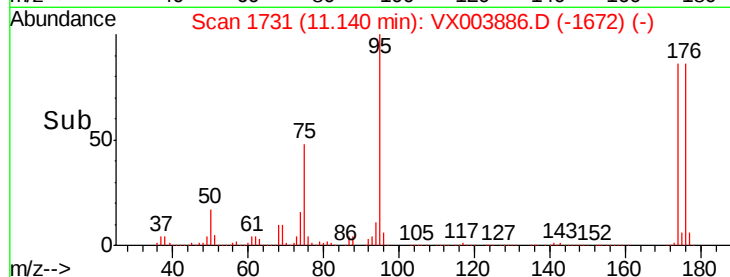
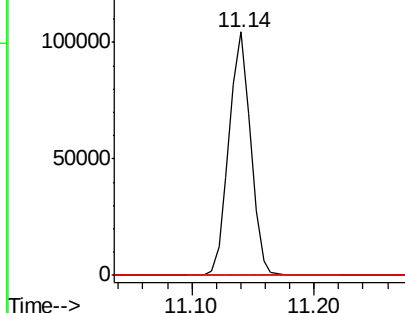
#81
trans-1,4-Dichloro-2-butene
Concen: 62.38 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX003886.D
Acq: 07 Aug 2018 17:52

Instrument :
MSVOA_X
ClientSampleId :
FL-0515DL

Tot Ion: 75 Resp: 127909
Ion Ratio Lower Upper
75 100
53 0.2 80.3 120.5#
89 0.0 37.8 56.8#

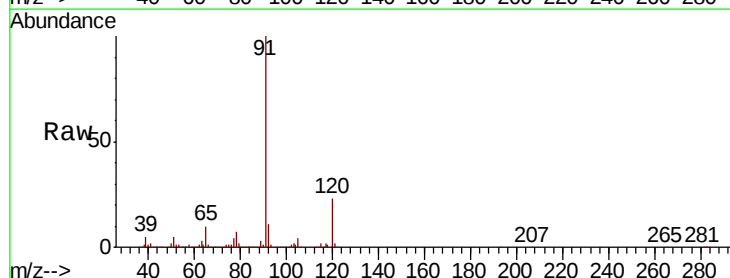


Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0

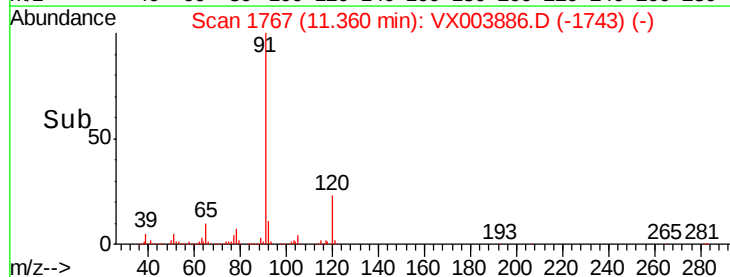
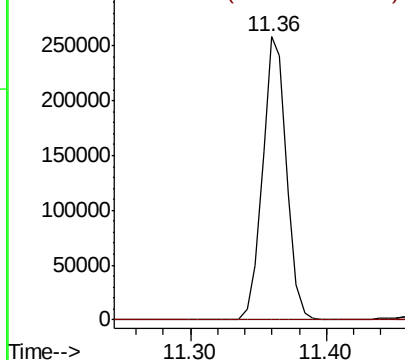


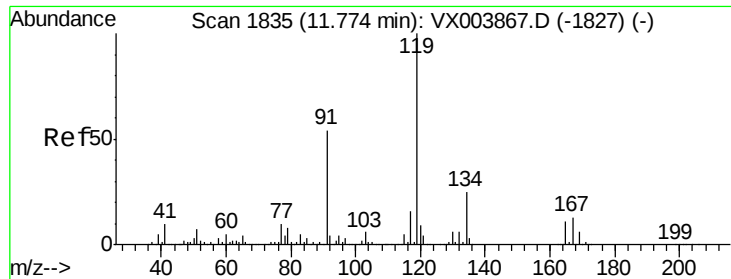
#82
4-Chlorotoluene
Concen: 21.47 ug/l
RT: 11.36 min Scan# 1767
Delta R.T. -0.15 min
Lab File: VX003886.D
Acq: 07 Aug 2018 17:52

Tgt Ion: 91 Resp: 318785
Ion Ratio Lower Upper
91 100
126 0.0 15.6 46.7#



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

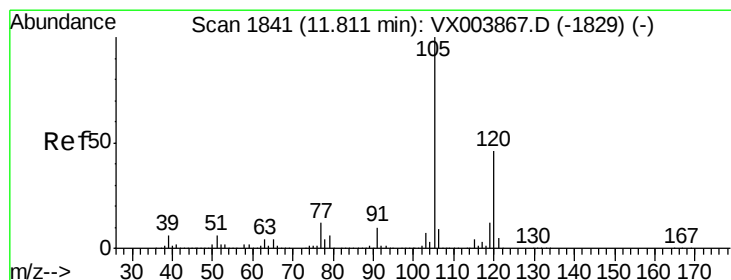
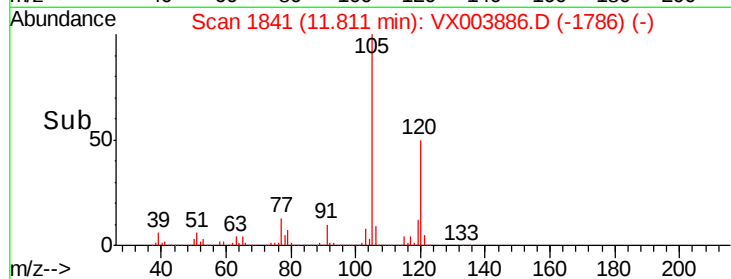
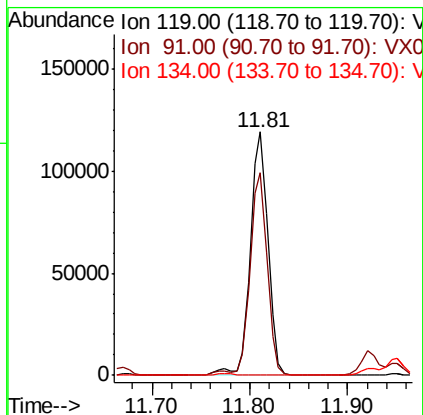
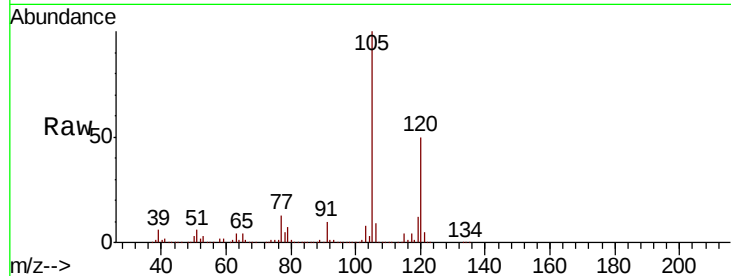




#83
 tert-Butylbenzene
 Concen: 10.05 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.04 min
 Lab File: VX003886.D
 Acq: 07 Aug 2018 17:52

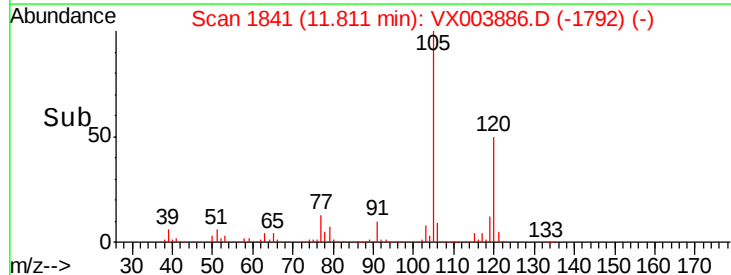
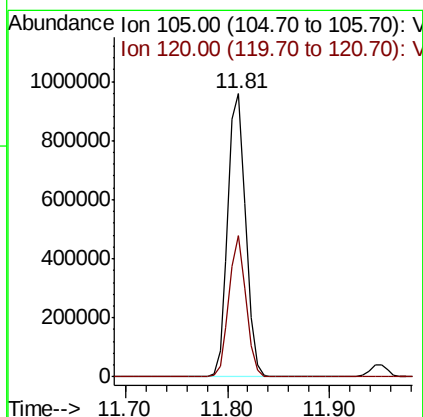
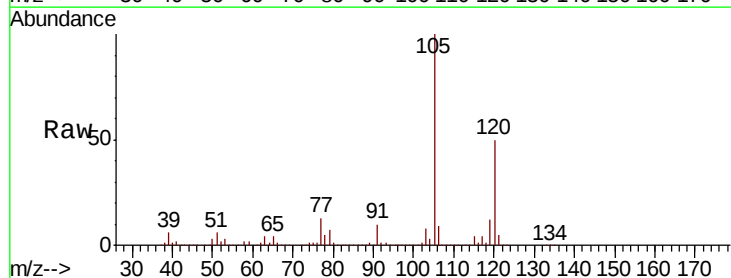
Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0515DL

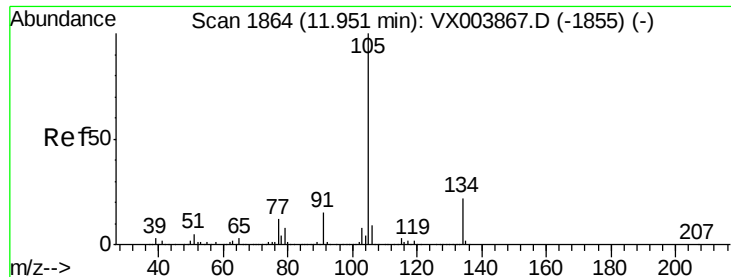
Tot Ion:119 Resp: 149264
 Ion Ratio Lower Upper
 119 100
 91 80.1 26.9 80.7
 134 0.4 12.0 36.0#



#84
 1,2,4-Trimethylbenzene
 Concen: 76.39 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003886.D
 Acq: 07 Aug 2018 17:52

Tgt Ion:105 Resp: 1159362
 Ion Ratio Lower Upper
 105 100
 120 47.3 23.1 69.2

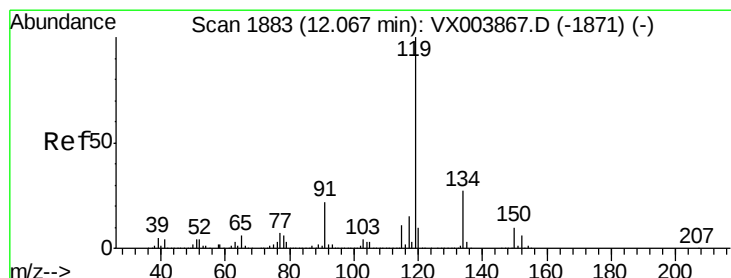
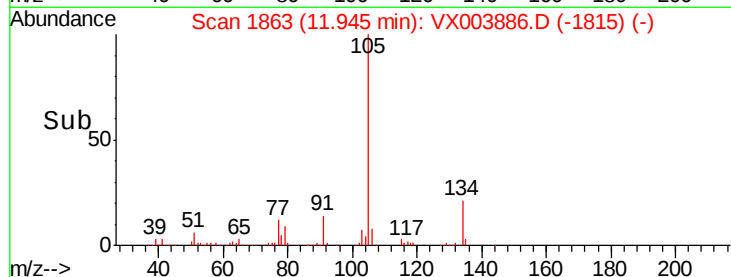
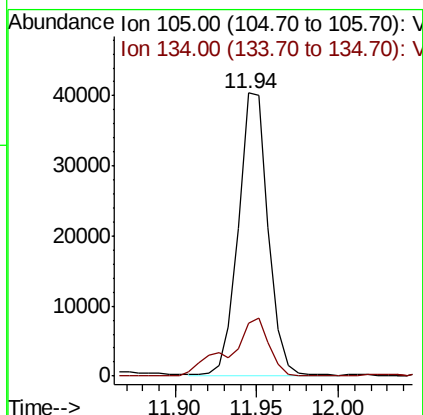
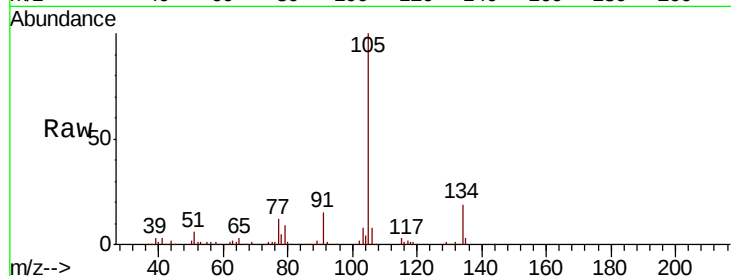




#85
 sec-Butylbenzene
 Concen: 2.92 ug/l
 RT: 11.94 min Scan# 1863
 Delta R.T. -0.01 min
 Lab File: VX003886.D
 Acq: 07 Aug 2018 17:52

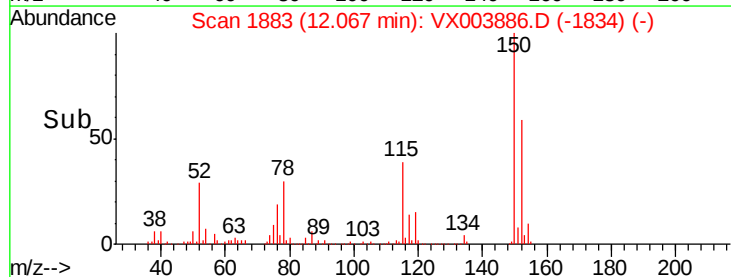
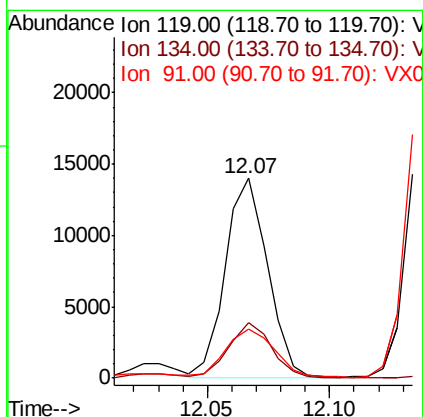
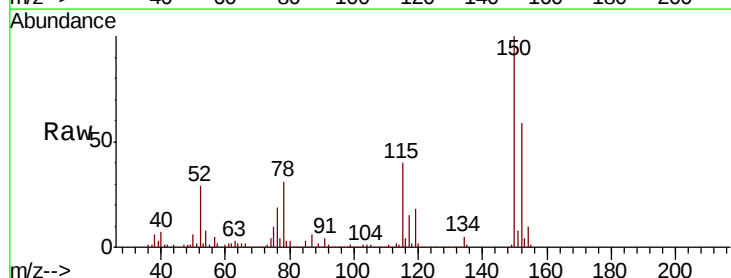
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0515DL

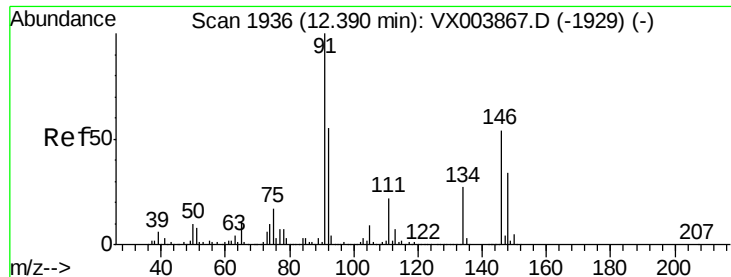
Tot Ion:105 Resp: 51224
 Ion Ratio Lower Upper
 105 100
 134 27.4 10.3 30.9



#86
 p-Isopropyltoluene
 Concen: 1.06 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX003886.D
 Acq: 07 Aug 2018 17:52

Tgt Ion:119 Resp: 16693
 Ion Ratio Lower Upper
 119 100
 134 28.4 13.3 39.8
 91 29.7 10.9 32.7





#89

n-Butylbenzene

Concen: 2.26 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX003886.D

Acq: 07 Aug 2018 17:52

Instrument :

MSVOA_X

ClientSampled :

FL-0515DL

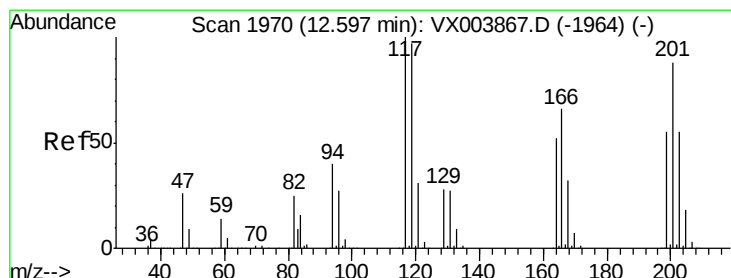
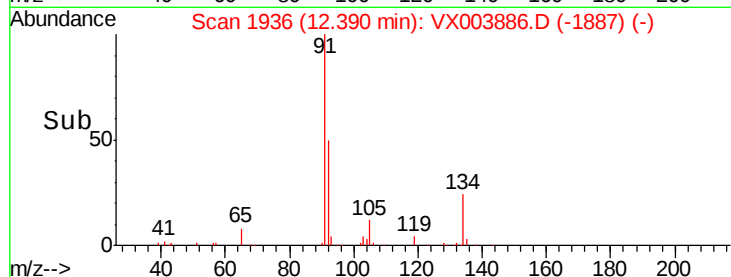
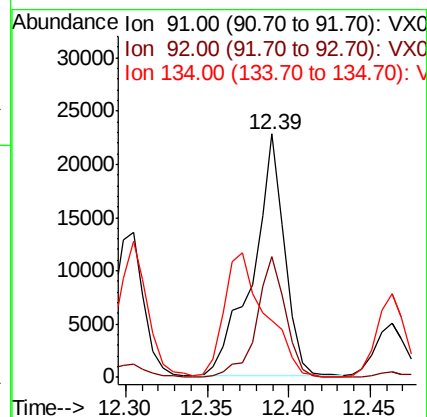
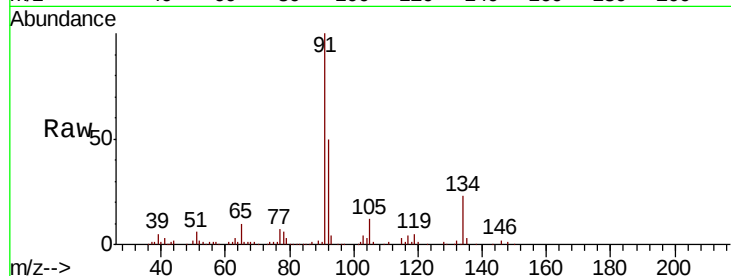
Tot Ion: 91 Resp: 30953

Ion Ratio Lower Upper

91 100

92 45.3 27.1 81.3

134 67.0 13.6 40.7#



#90

Hexachloroethane

Concen: 3.65 ug/l

RT: 12.59 min Scan# 1969

Delta R.T. -0.01 min

Lab File: VX003886.D

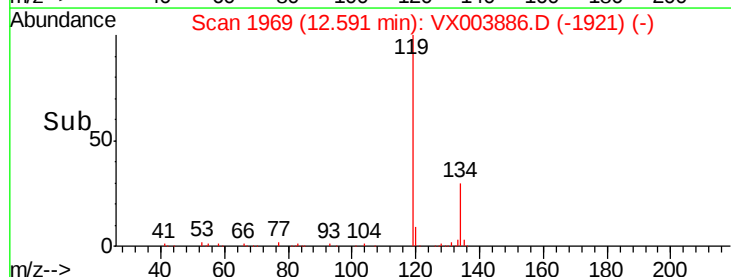
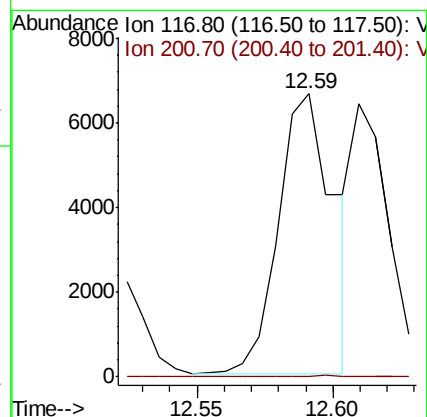
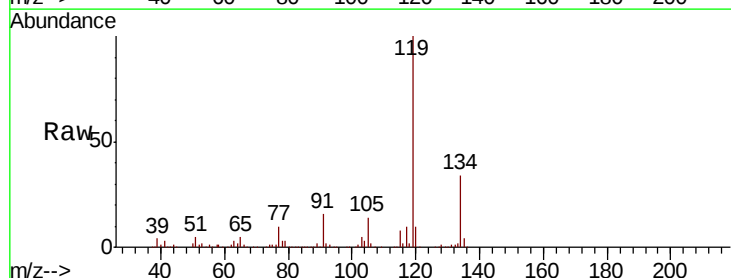
Acq: 07 Aug 2018 17:52

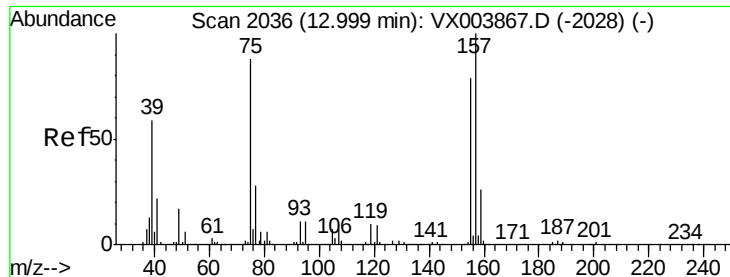
Tgt Ion: 117 Resp: 9308

Ion Ratio Lower Upper

117 100

201 0.2 46.1 138.2#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.42 ug/l

RT: 12.98 min Scan# 2033

Delta R.T. -0.02 min

Lab File: VX003886.D

Acq: 07 Aug 2018 17:52

Instrument :

MSVOA_X

ClientSampled :

FL-0515DL

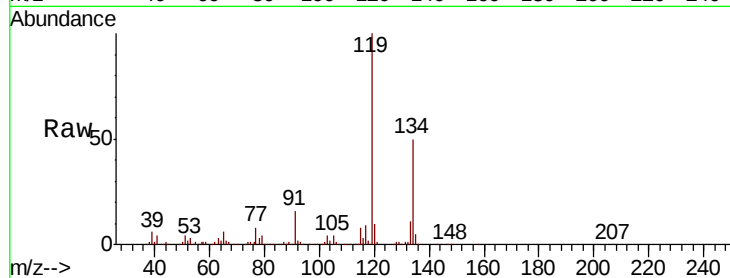
Tot Ion: 75 Resp: 547

Ion Ratio Lower Upper

75 100

155 0.0 48.7 146.1#

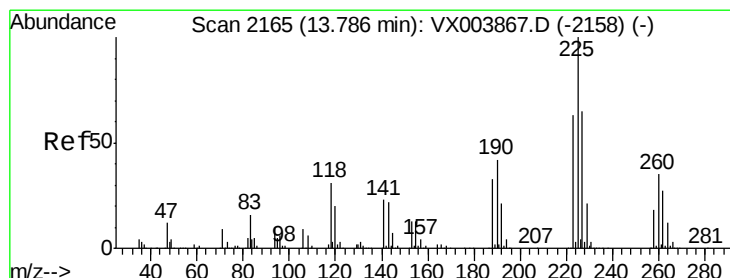
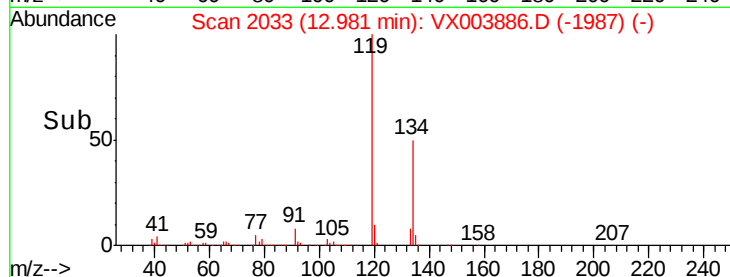
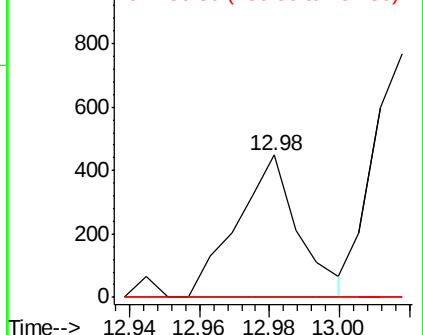
157 0.0 62.6 187.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#94

Hexachlorobutadiene

Concen: 0.56 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VX003886.D

Acq: 07 Aug 2018 17:52

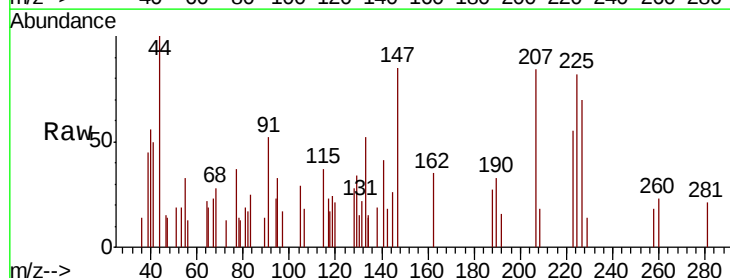
Tgt Ion: 225 Resp: 358

Ion Ratio Lower Upper

225 100

223 70.4 31.4 94.0

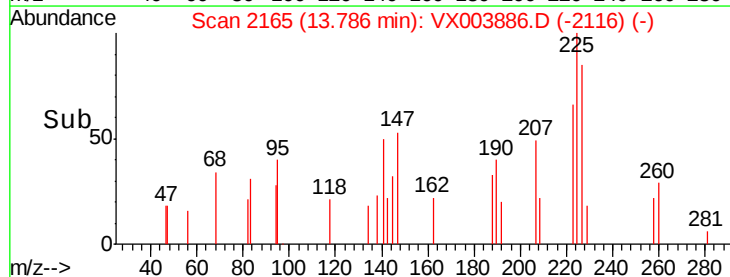
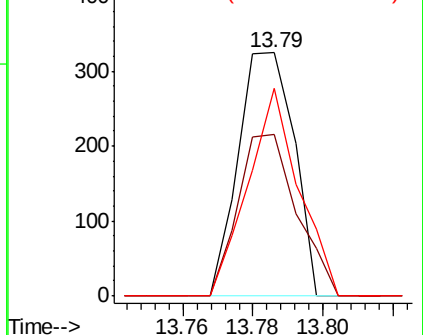
227 77.9 32.1 96.5

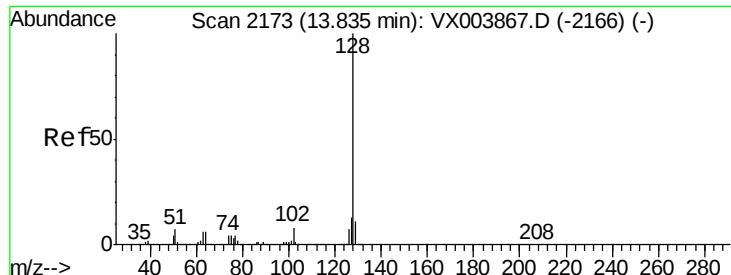


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95
Naphthalene
Concen: 8.39 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX003886.D
Acq: 07 Aug 2018 17:52

Instrument :
MSVOA_X
ClientSampleId :
FL-0515DL

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.2
129	11.4	8.8	13.2

