

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081418\
 Data File : VX004031.D
 Acq On : 14 Aug 2018 15:31
 Operator : JC/MD
 Sample : J4429-01DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0566DL

Quant Time: Aug 15 09:26:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	286646	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	444406	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	407135	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	252473	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	194138	48.07	ug/l	0.00
Spiked Amount			Recovery	=	96.14%	
35) Dibromofluoromethane	5.50	113	162431	48.84	ug/l	0.00
Spiked Amount			Recovery	=	97.68%	
50) Toluene-d8	8.71	98	639902	47.45	ug/l	0.00
Spiked Amount			Recovery	=	94.90%	
62) 4-Bromofluorobenzene	11.14	95	234600	47.97	ug/l	0.00
Spiked Amount			Recovery	=	95.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	1022	0.298	ug/l	94
5) Bromomethane	1.64	94	1308	0.520	ug/l	92
6) Chloroethane	1.70	64	879	Below Cal	#	71
10) Methyl Iodide	2.51	142	1824	5.484	ug/l	96
11) Tert butyl alcohol	3.01	59	770	0.947	ug/l #	73
13) Acrolein	2.39	56	13728	34.739	ug/l #	78
14) Allyl chloride	2.84	41	28890	5.035	ug/l #	67
15) Acrylonitrile	3.16	53	9205	4.539	ug/l #	46
16) Acetone	2.45	43	3172	1.511	ug/l	93
17) Carbon Disulfide	2.56	76	4050	0.474	ug/l	95
18) Methyl Acetate	2.84	43	74593	15.986	ug/l #	52
20) Methylene Chloride	2.85	84	4408	0.686	ug/l #	51
21) trans-1,2-Dichloroethene	3.17	96	799	0.233	ug/l #	69
25) 2-Butanone	4.70	43	1367	0.400	ug/l #	66
29) Tetrahydrofuran	5.16	42	1092	0.626	ug/l #	55
30) Chloroform	5.26	83	1278	0.206	ug/l #	31
31) Cyclohexane	5.57	56	297084	53.214	ug/l	97
38) Carbon Tetrachloride	5.67	117	25487	5.187	ug/l #	14
39) Methylcyclohexane	7.46	83	141276	24.625	ug/l	97
43) Isopropyl Acetate	6.45	43	3247	0.400	ug/l #	62
45) 1,2-Dichloropropane	7.46	63	1868	0.481	ug/l #	1
48) Methyl methacrylate	7.73	41	8416	2.060	ug/l #	46
51) 4-Methyl-2-Pentanone	8.65	43	1420	0.213	ug/l #	74
55) 1,1,2-Trichloroethane	9.16	97	5178	1.306	ug/l #	19
56) Ethyl methacrylate	9.16	69	1476	0.274	ug/l #	1
64) Tetrachloroethene	9.34	164	912	0.236	ug/l #	78
67) Ethyl Benzene	10.26	91	302171	18.145	ug/l	94
68) m/p-Xylenes	10.36	106	261693	40.128	ug/l	94
69) o-Xylene	10.70	106	4645	0.745	ug/l	91
73) Isopropylbenzene	11.02	105	45907	2.687	ug/l	98
74) N-amyl acetate	6.45	43	3247	0.404	ug/l #	59
76) 1,2,3-Trichloropropane	11.14	75	114256	22.566	ug/l #	36
78) n-propylbenzene	11.36	91	60540	3.166	ug/l	100
79) 2-Chlorotoluene	11.46	91	34555	2.966	ug/l #	40

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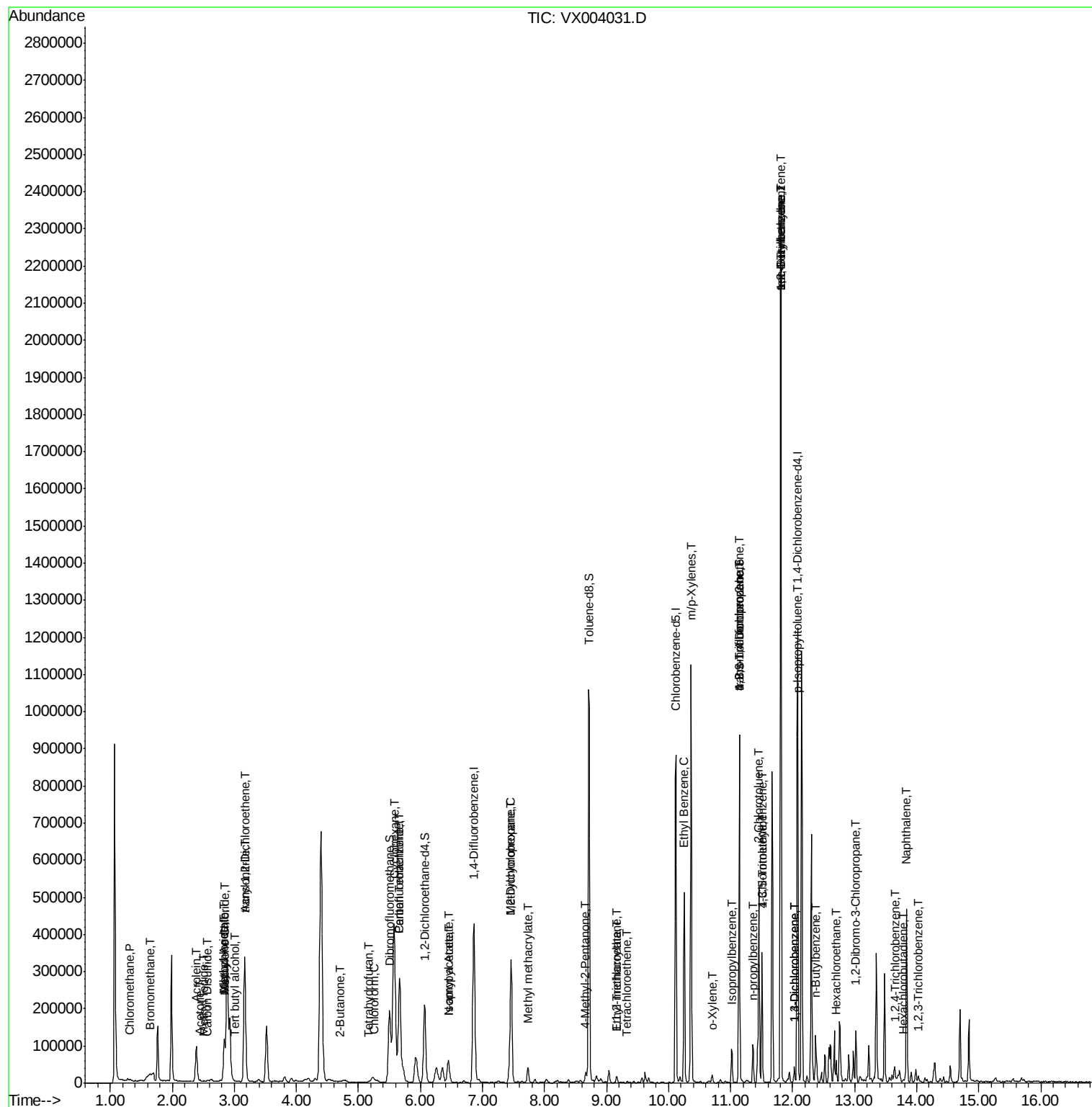
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) 1,3,5-Trimethylbenzene	11.51	105	142261	10.169	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.14	75	114256	69.854	ug/l #	9
82) 4-Chlorotoluene	11.51	91	16779	1.218	ug/l #	53
83) tert-Butylbenzene	11.81	119	128651	9.121	ug/l #	59
84) 1,2,4-Trimethylbenzene	11.81	105	1034208	71.377	ug/l	100
85) sec-Butylbenzene	11.81	105	1034208	62.645	ug/l #	56
86) p-Isopropyltoluene	12.07	119	17242	1.154	ug/l	92
87) 1,3-Dichlorobenzene	12.03	146	2045	0.228	ug/l	98
88) 1,4-Dichlorobenzene	12.03	146	2045	0.221	ug/l	98
89) n-Butylbenzene	12.38	91	17484	1.485	ug/l #	23
90) Hexachloroethane	12.70	117	18234	8.154	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	13.02	75	531	0.506	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.65	180	2256	0.407	ug/l #	64
94) Hexachlorobutadiene	13.79	225	1375	0.495	ug/l	96
95) Naphthalene	13.83	128	275050	16.369	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	2012	0.333	ug/l #	67

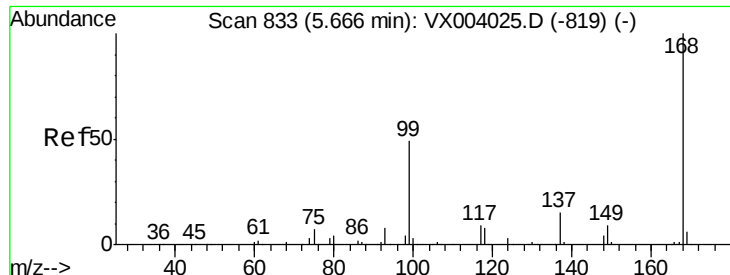
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX004031.D

Acq: 14 Aug 2018 15:31

Instrument :

MSVOA_X

ClientSampleID :

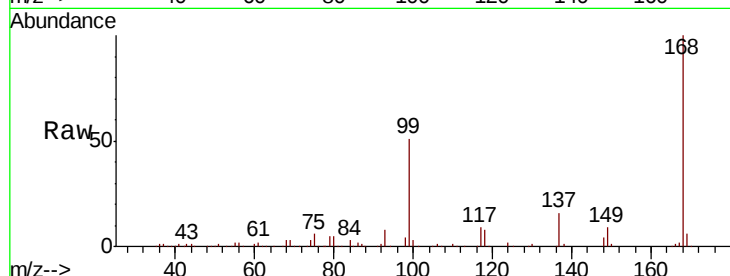
FL-0566DL

Tgt Ion:168 Resp: 286646

Ion Ratio Lower Upper

168 100

99 51.2 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

80000

60000

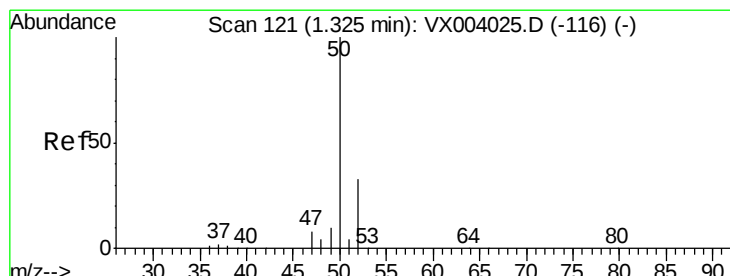
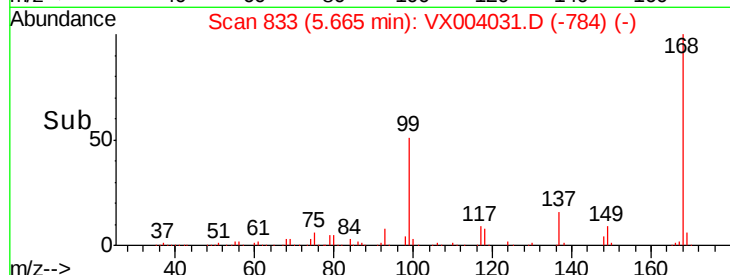
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.298 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX004031.D

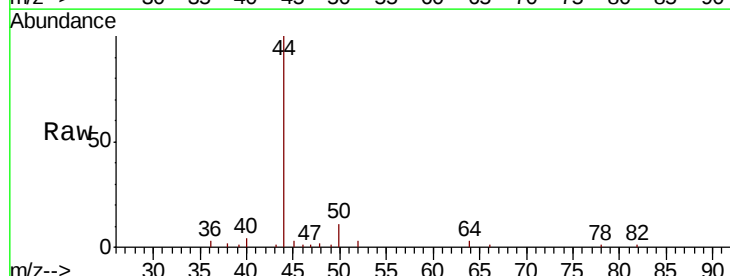
Acq: 14 Aug 2018 15:31

Tgt Ion: 50 Resp: 1022

Ion Ratio Lower Upper

50 100

52 29.7 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

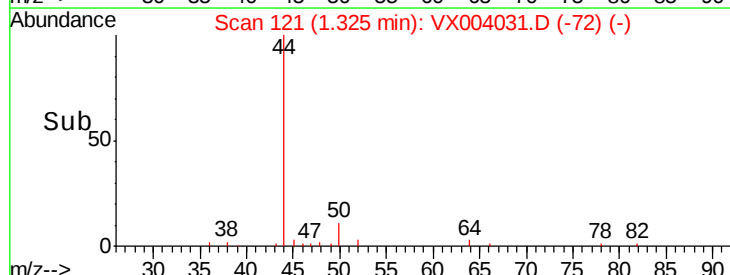
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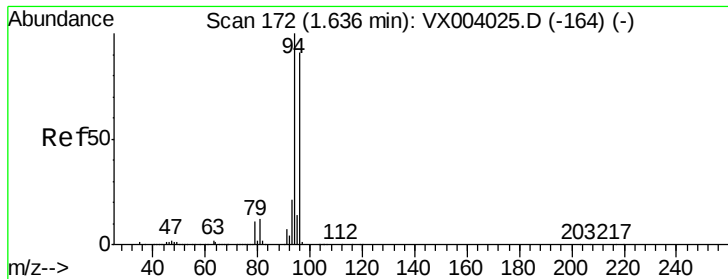
200

0

Time-->

1.30 1.35 1.40





#5

Bromomethane

Concen: 0.520 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX004031.D

Acq: 14 Aug 2018 15:31

Instrument :

MSVOA_X

ClientSampleId :

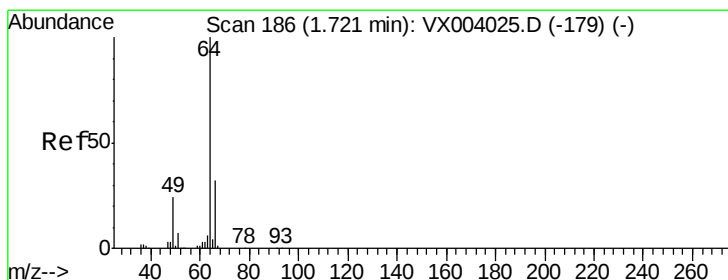
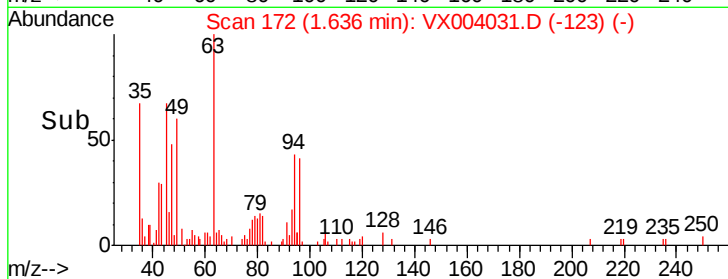
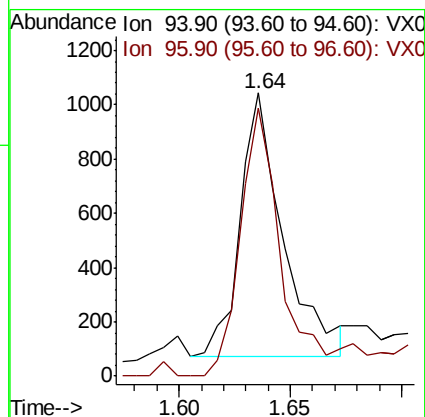
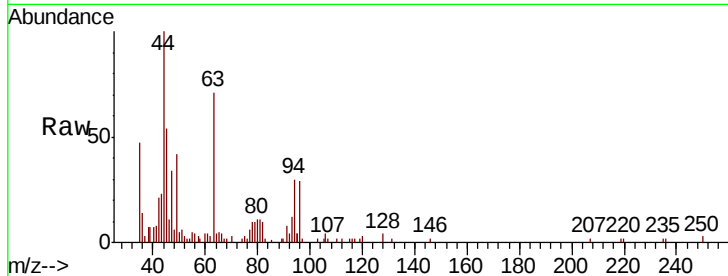
FL-0566DL

Tgt Ion: 94 Resp: 1308

Ion Ratio Lower Upper

94 100

96 102.0 75.2 112.8



#6

Chloroethane

Concen: Below Cal

RT: 1.70 min Scan# 183

Delta R.T. -0.02 min

Lab File: VX004031.D

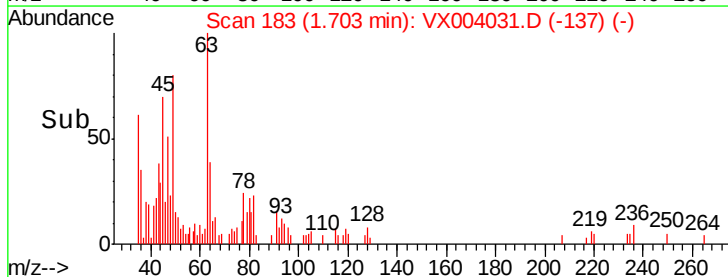
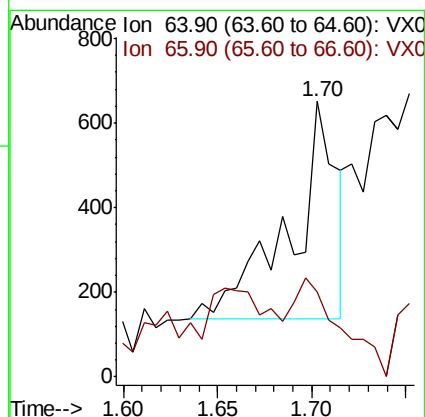
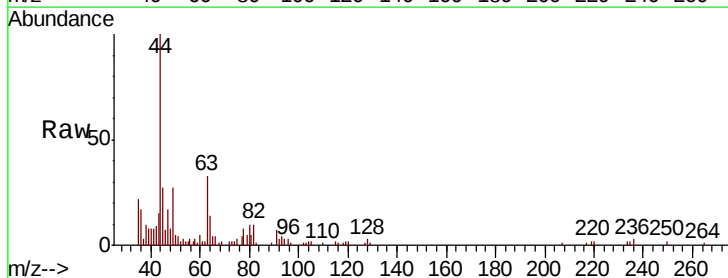
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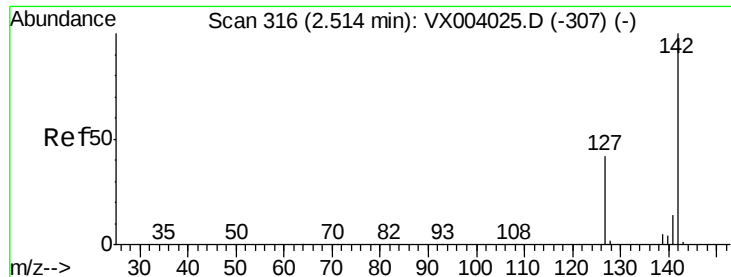
Tgt Ion: 64 Resp: 879

Ion Ratio Lower Upper

64 100

66 16.6 26.5 39.7#

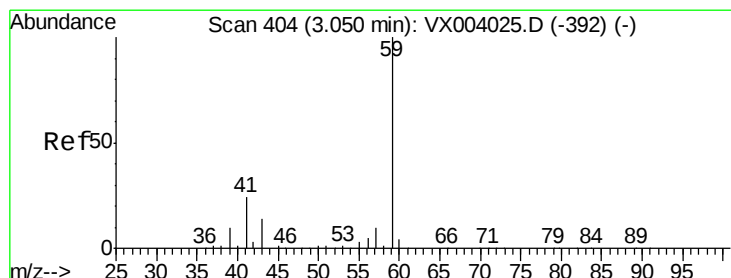
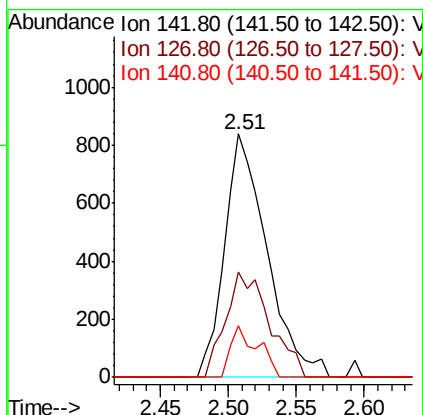
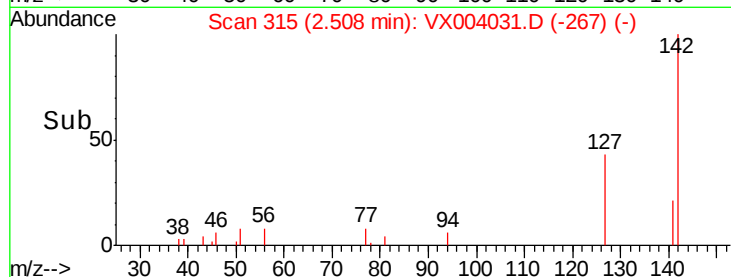
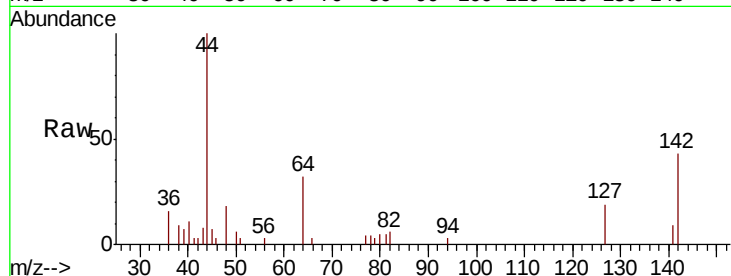




#10
Methyl Iodide
Concen: 5.484 ug/l
RT: 2.51 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX004031.D
Acq: 14 Aug 2018 15:31

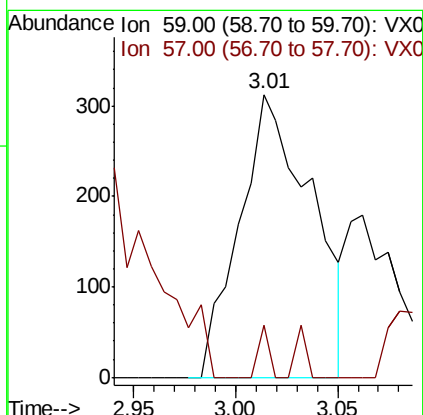
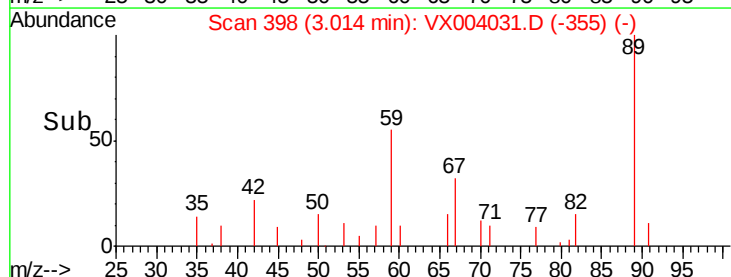
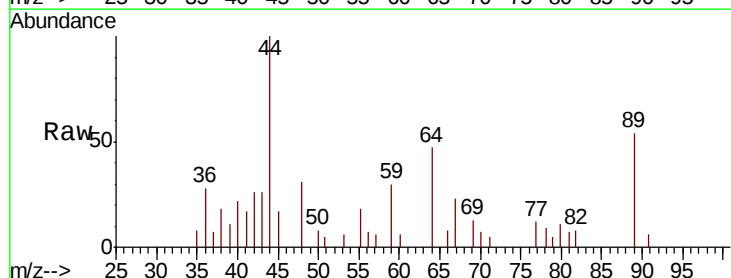
Instrument :
MSVOA_X
ClientSampled :
FL-0566DL

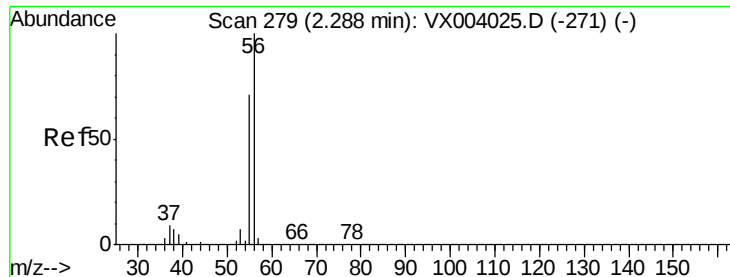
Tgt Ion: 142 Resp: 1824
Ion Ratio Lower Upper
142 100
127 44.8 33.1 49.7
141 13.4 11.1 16.7



#11
Tert butyl alcohol
Concen: 0.947 ug/l
RT: 3.01 min Scan# 398
Delta R.T. -0.04 min
Lab File: VX004031.D
Acq: 14 Aug 2018 15:31

Tgt Ion: 59 Resp: 770
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#





#13

Acrolein

Concen: 34.739 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.10 min

Lab File: VX004031.D

Acq: 14 Aug 2018 15:31

Instrument :

MSVOA_X

ClientSampleId :

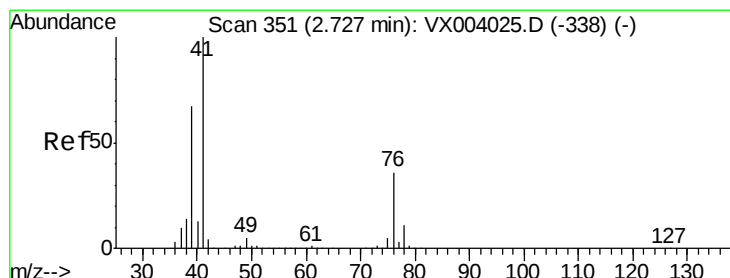
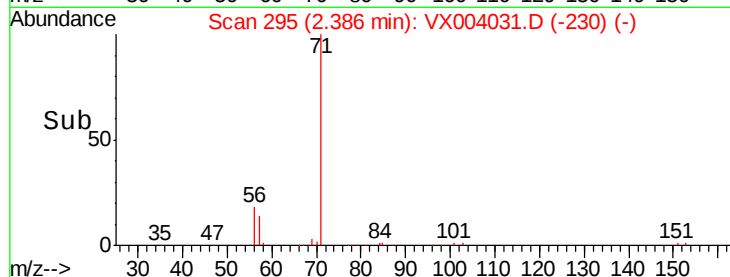
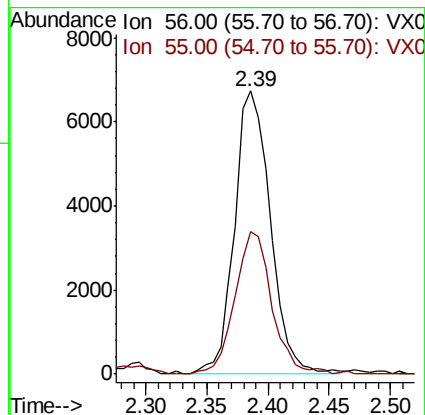
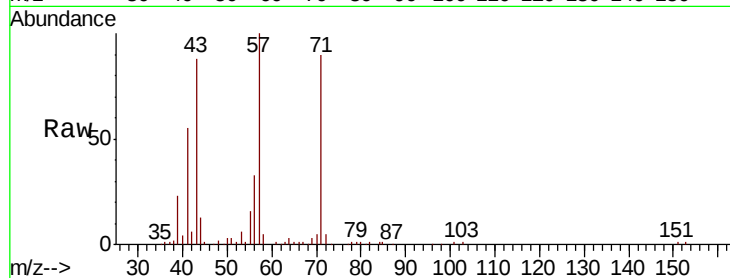
FL-0566DL

Tgt Ion: 56 Resp: 13728

Ion Ratio Lower Upper

56 100

55 51.9 56.1 84.1#



#14

Allyl chloride

Concen: 5.035 ug/l

RT: 2.84 min Scan# 369

Delta R.T. 0.11 min

Lab File: VX004031.D

Acq: 14 Aug 2018 15:31

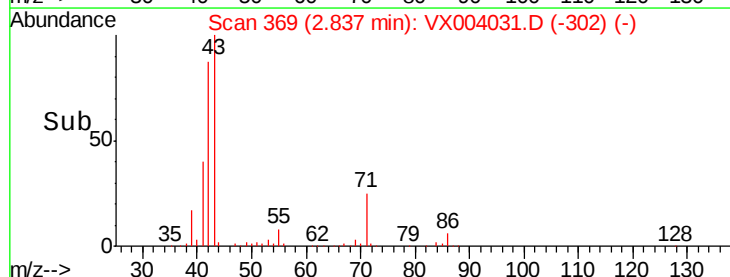
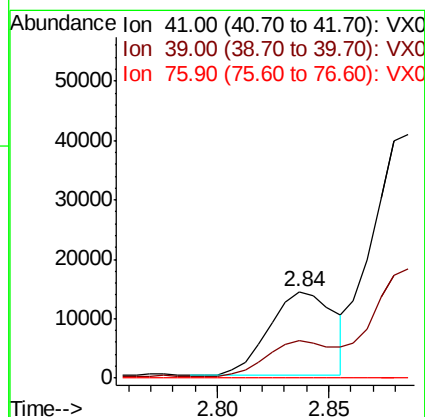
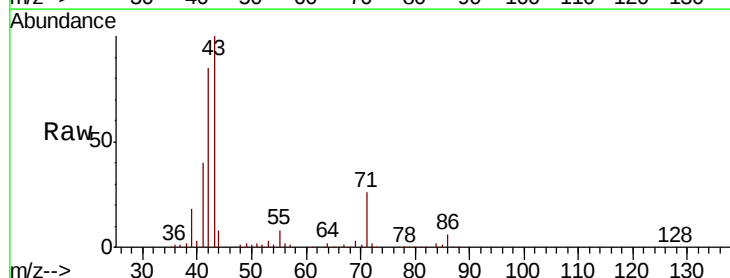
Tgt Ion: 41 Resp: 28890

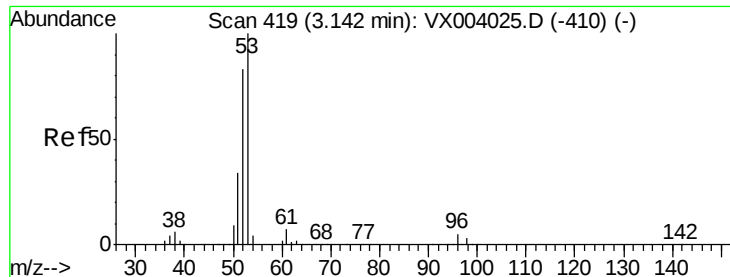
Ion Ratio Lower Upper

41 100

39 44.8 47.4 71.0#

76 0.0 26.0 39.0#





#15

Acrylonitrile

Concen: 4.539 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.02 min

Lab File: VX004031.D

Acq: 14 Aug 2018 15:31

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MSVOA_X

ClientSampleID :

FL-0566DL

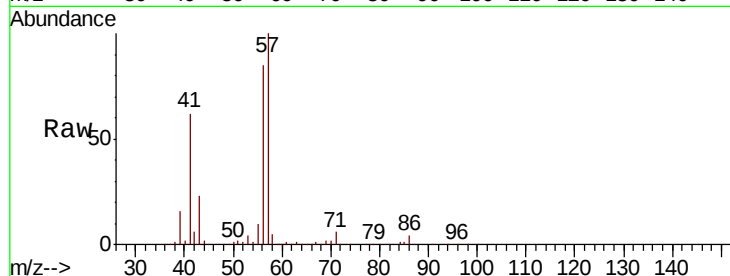
Tgt Ion: 53 Resp: 9205

Ion Ratio Lower Upper

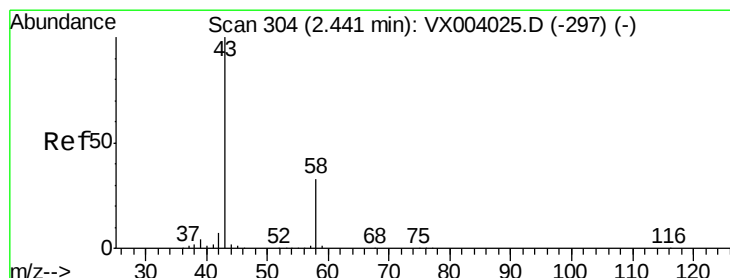
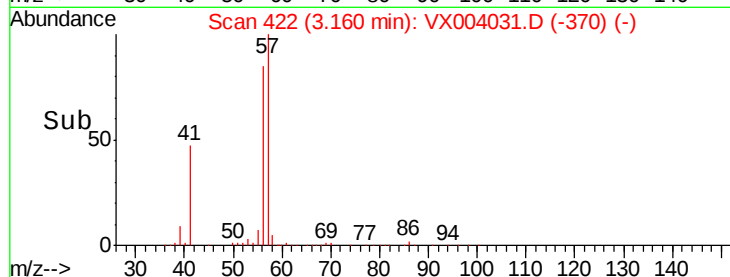
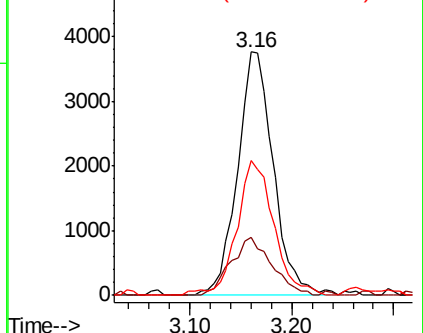
53 100

52 27.1 65.3 97.9#

51 56.9 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: 1.511 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.01 min

Lab File: VX004031.D

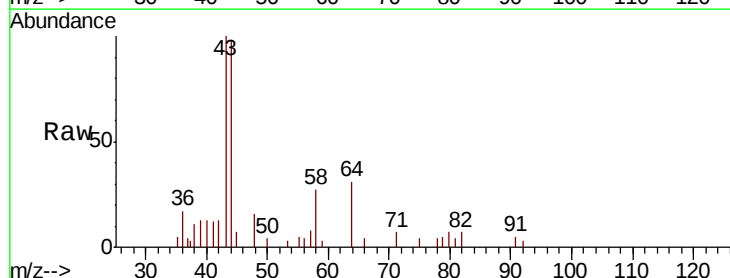
Acq: 14 Aug 2018 15:31

Tgt Ion: 43 Resp: 3172

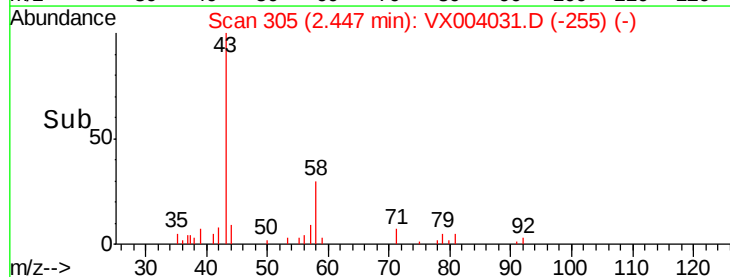
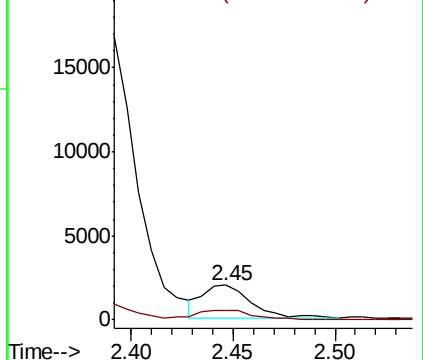
Ion Ratio Lower Upper

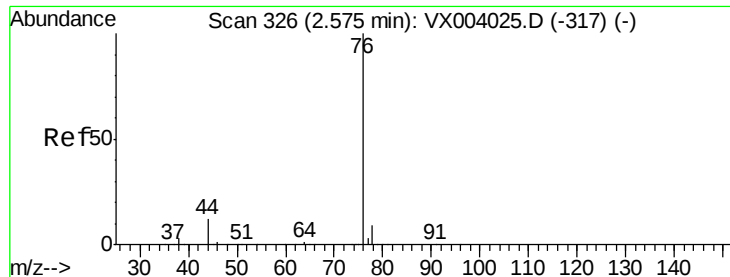
43 100

58 28.9 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

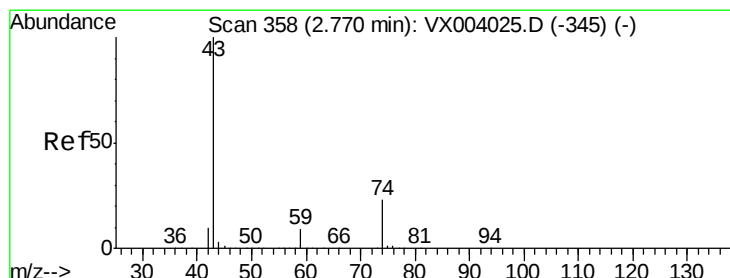
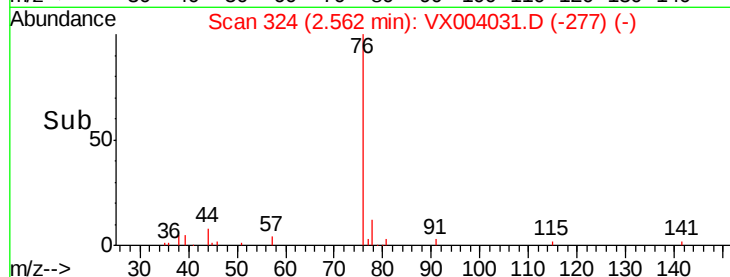
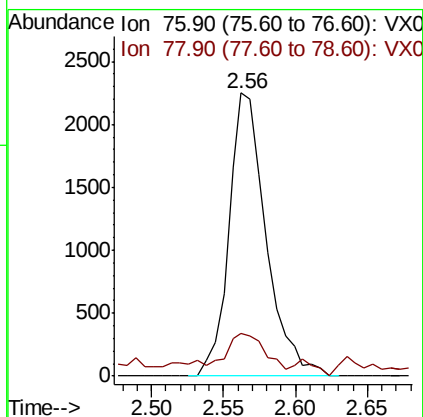
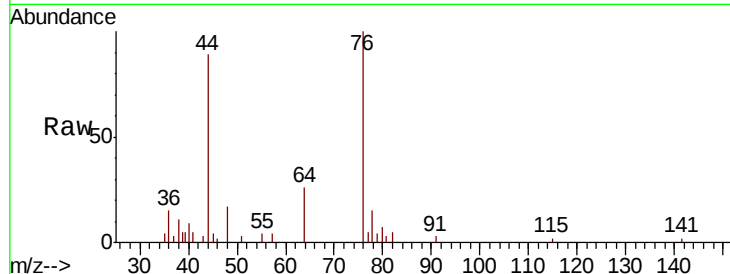




#17
Carbon Disulfide
Concen: 0.474 ug/l
RT: 2.56 min Scan# 324
Delta R.T. -0.01 min
Lab File: VX004031.D
Acq: 14 Aug 2018 15:31

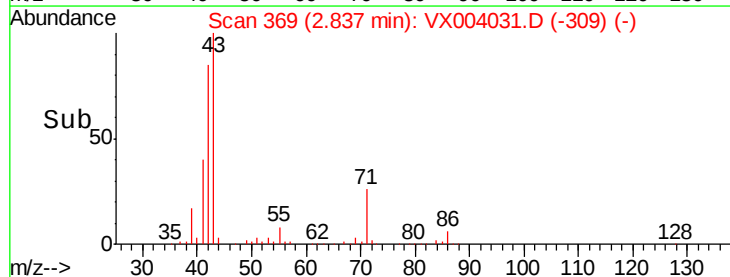
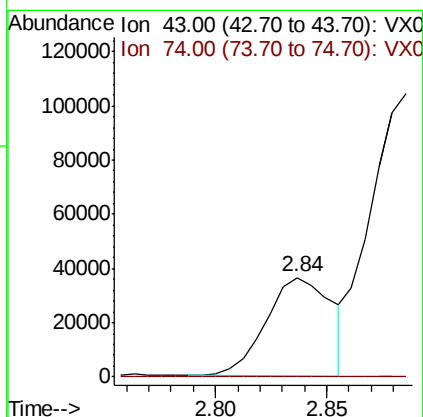
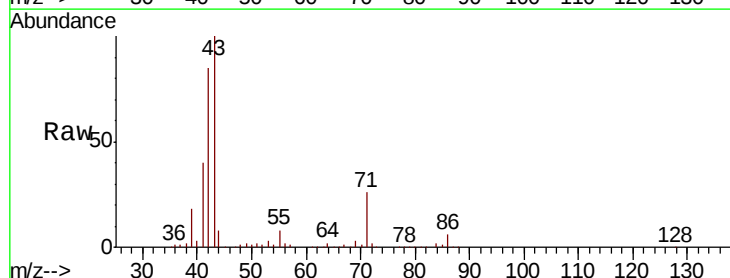
Instrument :
MSVOA_X
ClientSampleId :
FL-0566DL

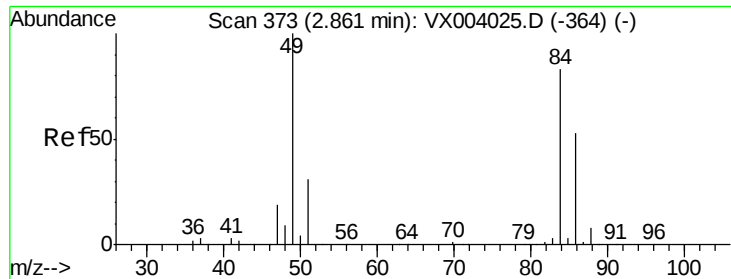
Tgt Ion: 76 Resp: 4050
Ion Ratio Lower Upper
76 100
78 11.3 7.5 11.3



#18
Methyl Acetate
Concen: 15.986 ug/l
RT: 2.84 min Scan# 369
Delta R.T. 0.07 min
Lab File: VX004031.D
Acq: 14 Aug 2018 15:31

Tgt Ion: 43 Resp: 74593
Ion Ratio Lower Upper
43 100
74 0.0 18.9 28.3#





#20

Methylene Chloride

Concen: 0.686 ug/l

RT: 2.85 min Scan# 371

Delta R.T. -0.01 min

Lab File: VX004031.D

Acq: 14 Aug 2018 15:31

Instrument :

MSVOA_X

ClientSampled :

FL-0566DL

Tgt Ion: 84 Resp: 4408

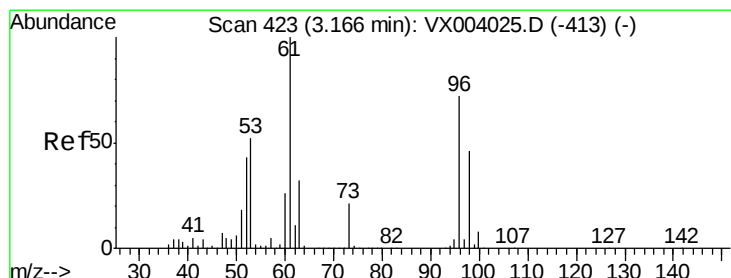
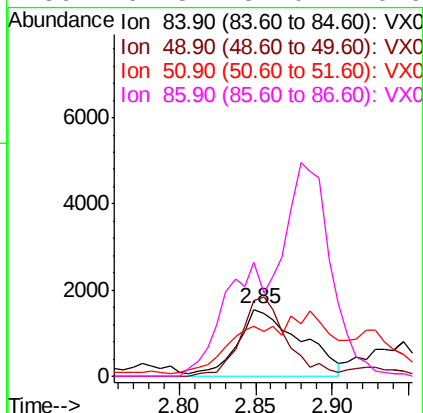
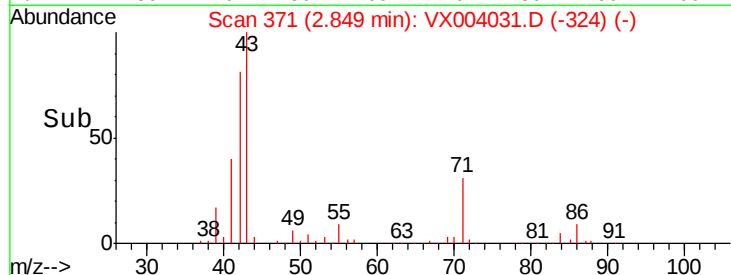
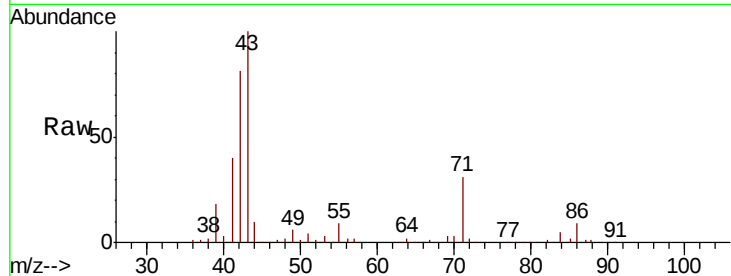
Ion Ratio Lower Upper

84 100

49 117.1 98.9 148.3

51 68.5 29.9 44.9#

86 164.8 51.0 76.6#



#21

trans-1,2-Dichloroethene

Concen: 0.233 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX004031.D

Acq: 14 Aug 2018 15:31

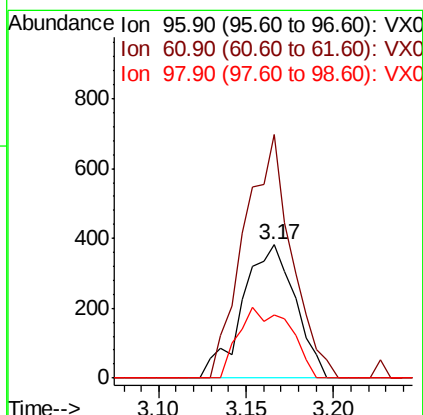
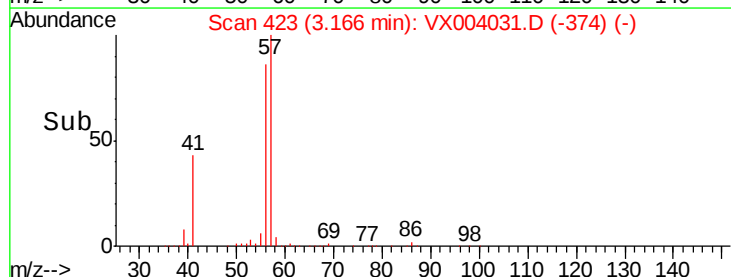
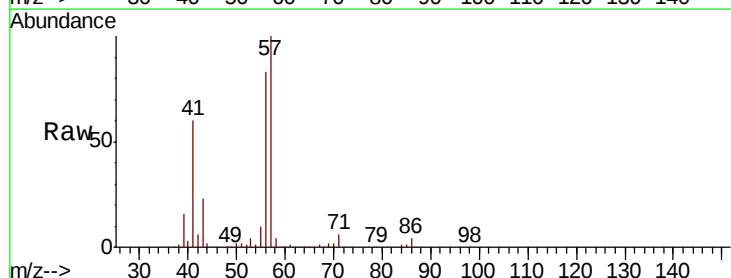
Tgt Ion: 96 Resp: 799

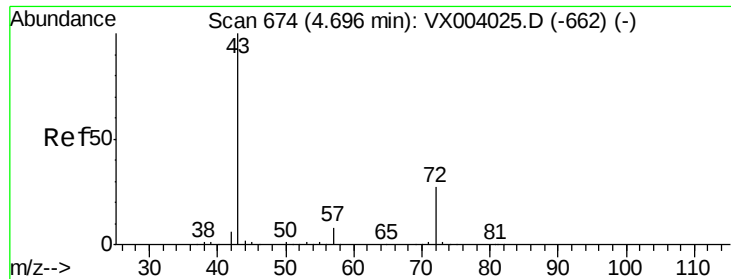
Ion Ratio Lower Upper

96 100

61 182.9 111.8 167.6#

98 47.0 51.8 77.6#





#25

2-Butanone

Concen: 0.400 ug/l

RT: 4.70 min Scan# 675

Delta R.T. 0.01 min

Lab File: VX004031.D

Acq: 14 Aug 2018 15:31

Instrument :

MSVOA_X

ClientSampleId :

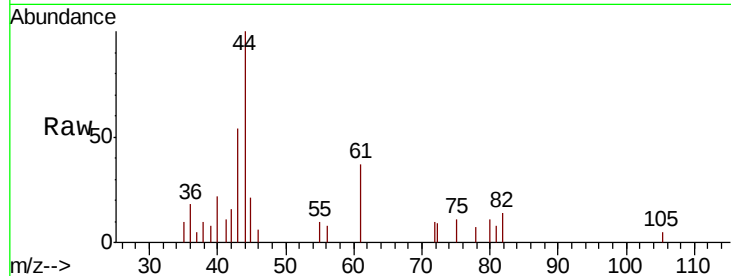
FL-0566DL

Tgt Ion: 43 Resp: 1367

Ion Ratio Lower Upper

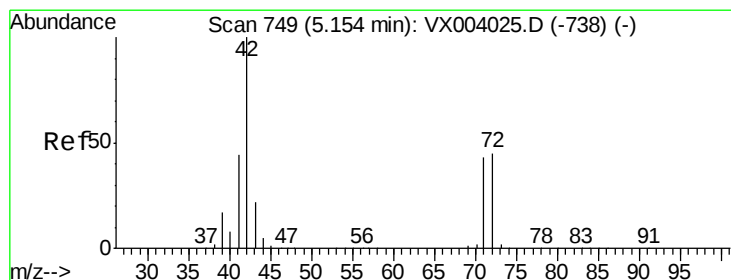
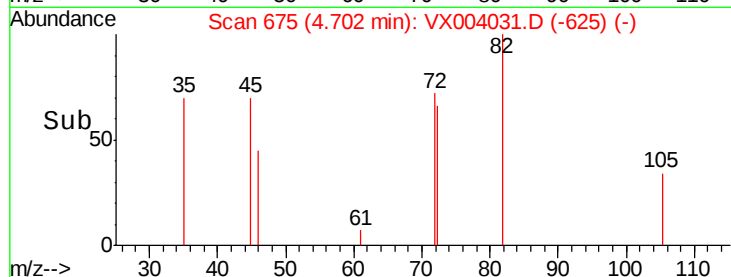
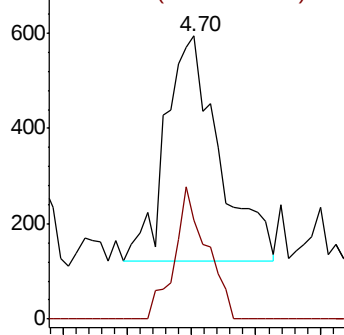
43 100

72 44.2 21.4 32.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#29

Tetrahydrofuran

Concen: 0.626 ug/l

RT: 5.16 min Scan# 750

Delta R.T. 0.01 min

Lab File: VX004031.D

Acq: 14 Aug 2018 15:31

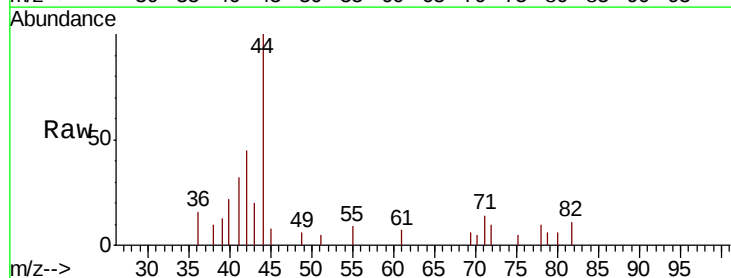
Tgt Ion: 42 Resp: 1092

Ion Ratio Lower Upper

42 100

72 30.6 37.7 56.5#

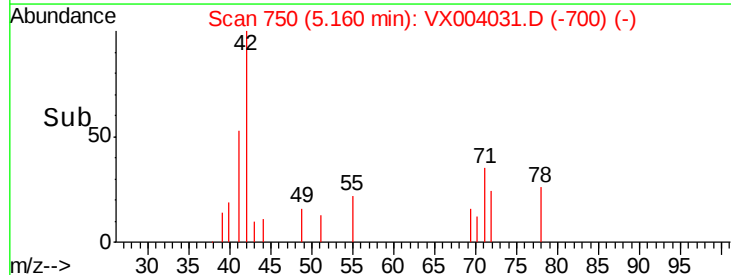
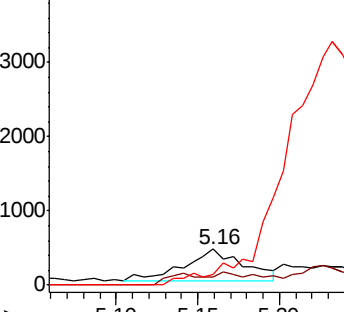
71 0.0 35.0 52.6#

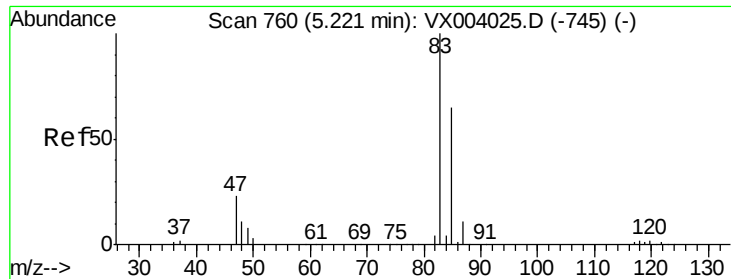


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

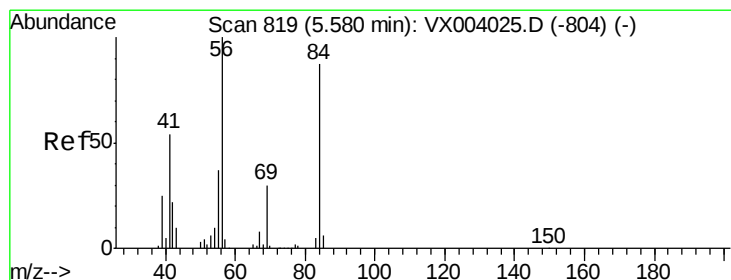
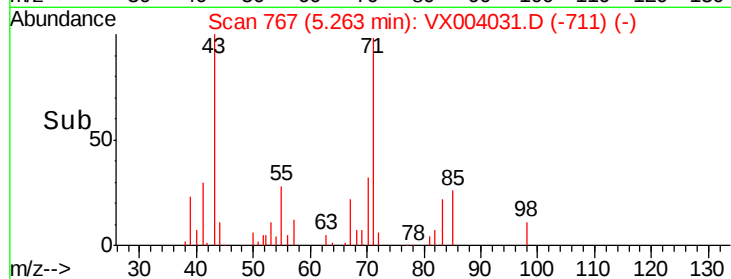
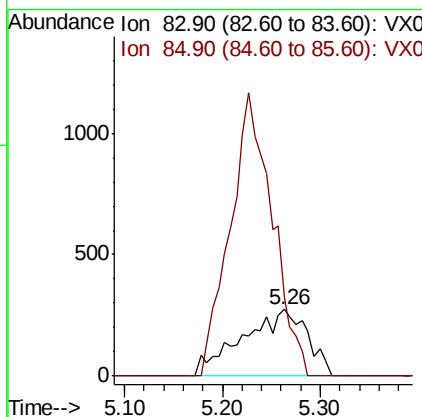
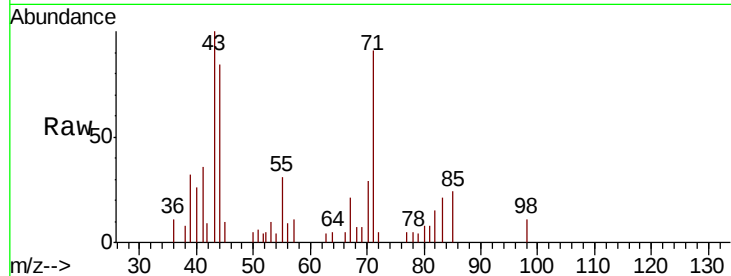




#30
Chloroform
Concen: 0.206 ug/l
RT: 5.26 min Scan# 767
Delta R.T. 0.04 min
Lab File: VX004031.D
Acq: 14 Aug 2018 15:31

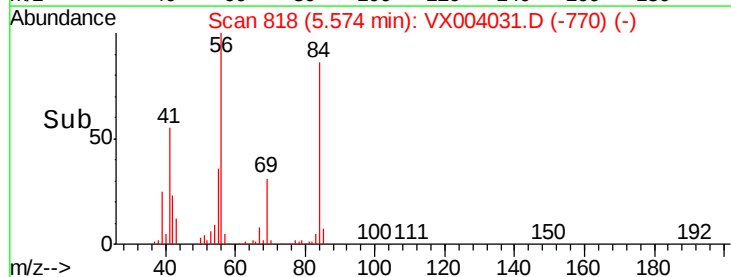
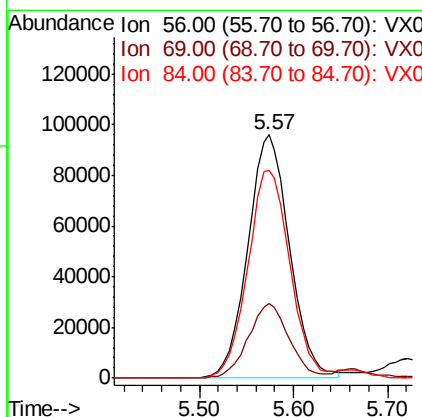
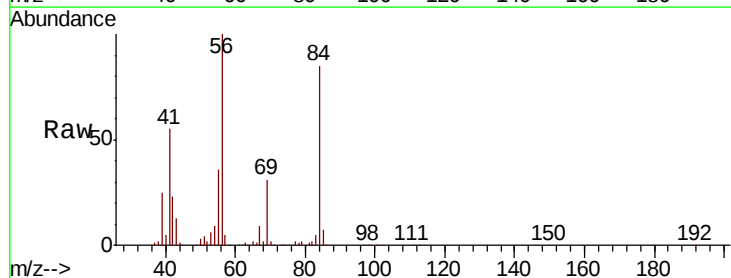
Instrument :
MSVOA_X
ClientSampled :
FL-0566DL

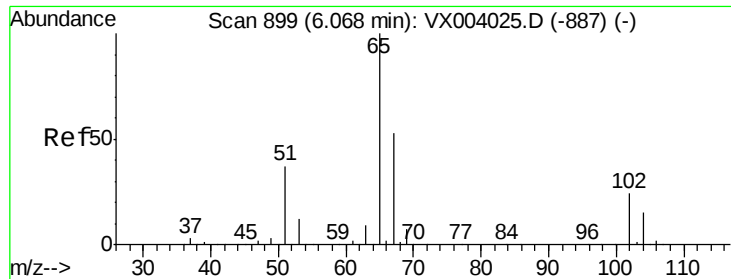
Tgt Ion: 83 Resp: 1278
Ion Ratio Lower Upper
83 100
85 117.1 50.7 76.1#



#31
Cyclohexane
Concen: 53.214 ug/l
RT: 5.57 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX004031.D
Acq: 14 Aug 2018 15:31

Tgt Ion: 56 Resp: 297084
Ion Ratio Lower Upper
56 100
69 30.6 24.9 37.3
84 85.6 71.7 107.5

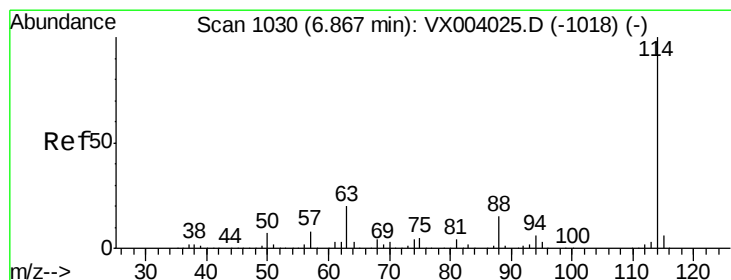
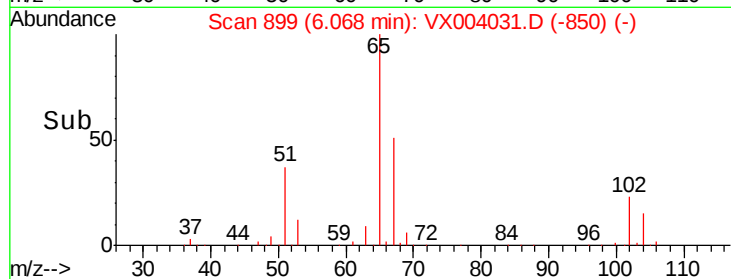
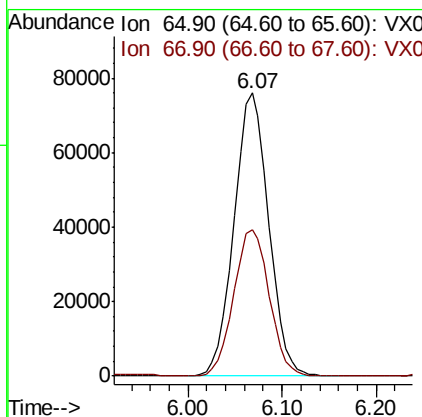
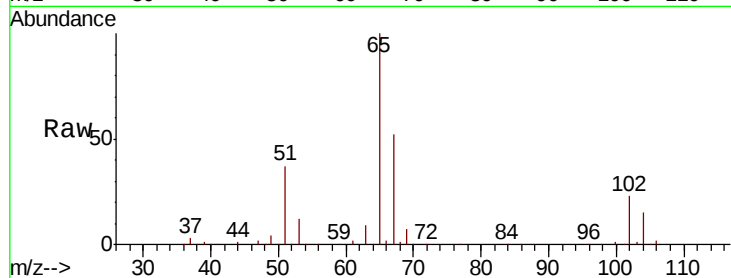




#33
 1,2-Dichloroethane-d4
 Concen: 48.069 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VX004031.D
 Acq: 14 Aug 2018 15:31

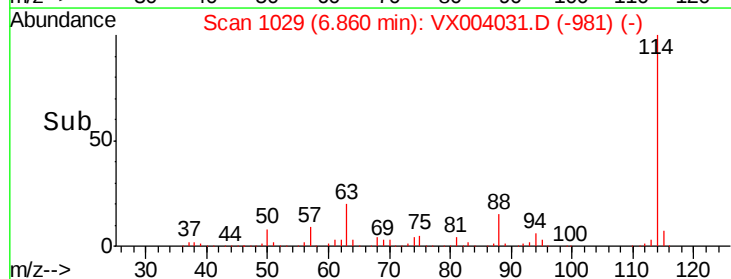
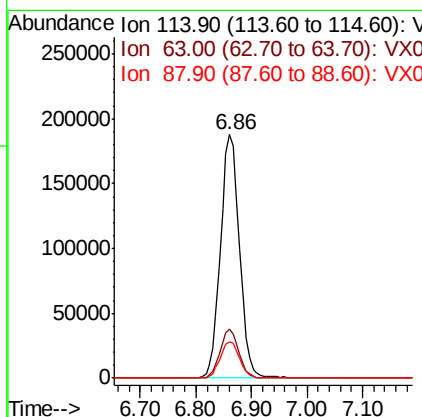
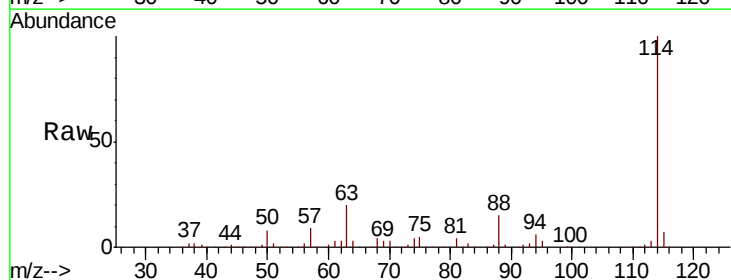
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0566DL

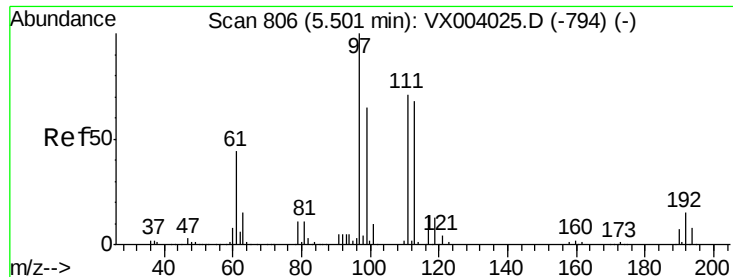
Tgt Ion: 65 Resp: 194138
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX004031.D
 Acq: 14 Aug 2018 15:31

Tgt Ion: 114 Resp: 444406
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 39.0
 88 15.1 0.0 32.0

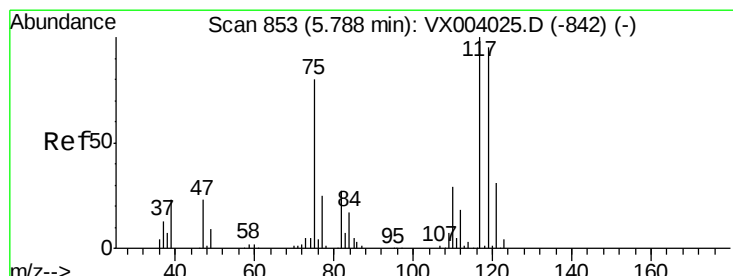
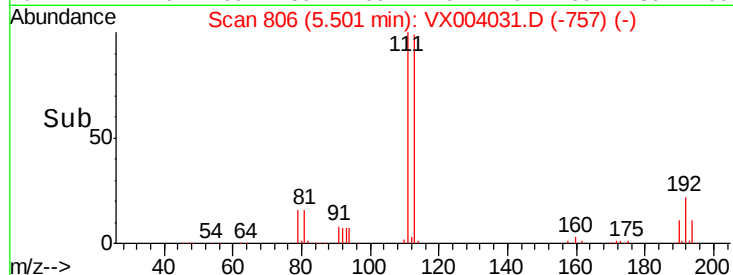
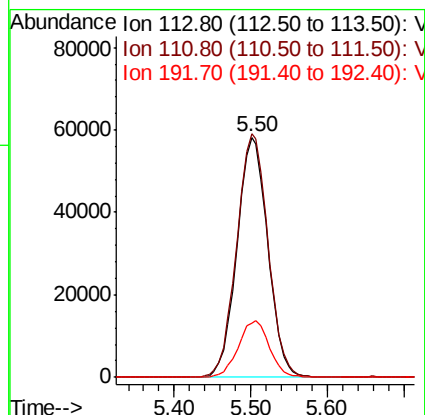
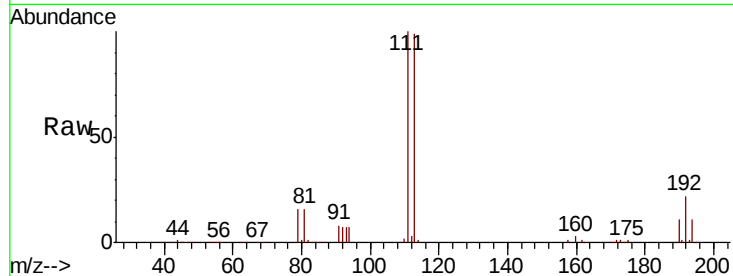




#35
 Dibromofluoromethane
 Concen: 48.836 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004031.D
 Acq: 14 Aug 2018 15:31

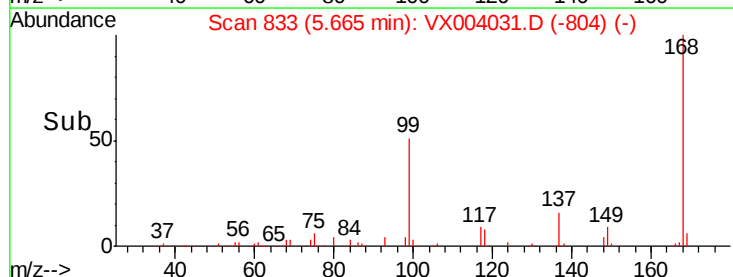
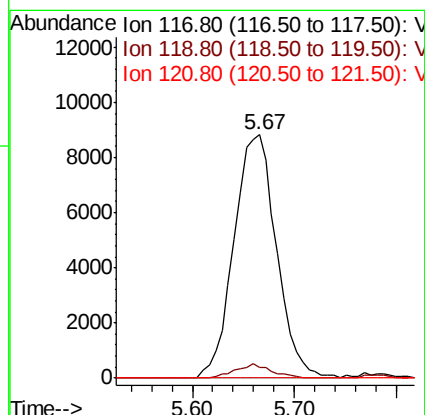
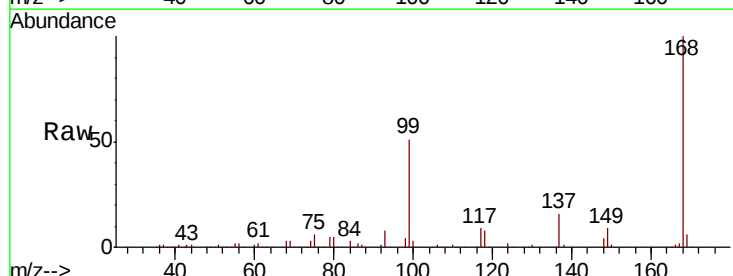
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0566DL

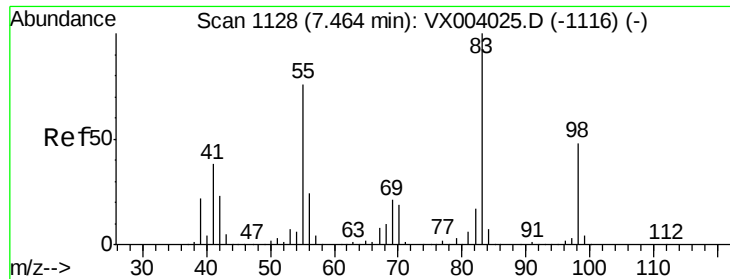
Tgt Ion:113 Resp: 162431
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.0 123.0
 192 23.8 19.0 28.4



#38
 Carbon Tetrachloride
 Concen: 5.187 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.12 min
 Lab File: VX004031.D
 Acq: 14 Aug 2018 15:31

Tgt Ion:117 Resp: 25487
 Ion Ratio Lower Upper
 117 100
 119 4.5 79.5 119.3#
 121 0.0 25.0 37.4#

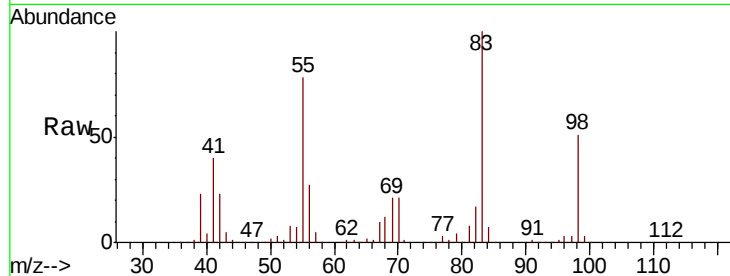




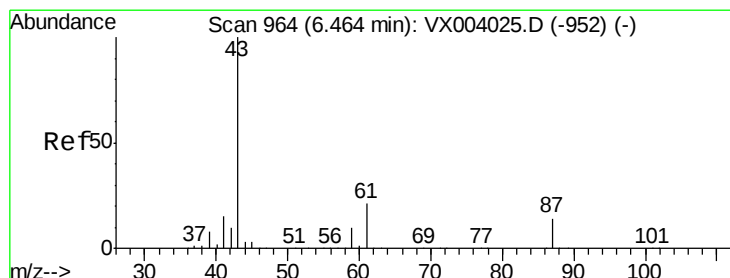
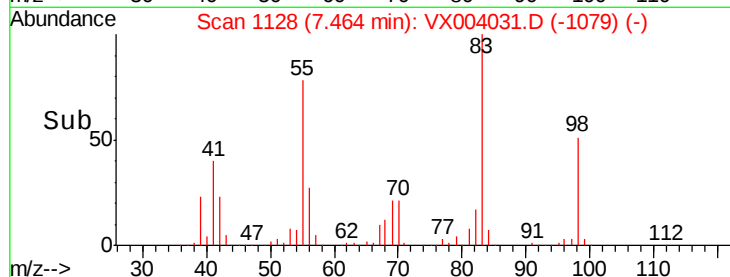
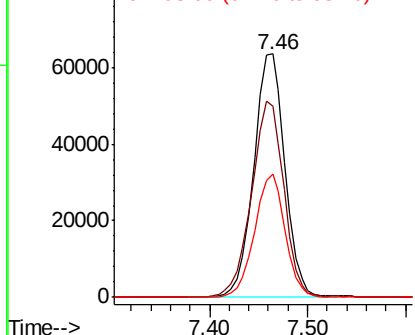
#39
Methylcyclohexane
Concen: 24.625 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX004031.D
Acq: 14 Aug 2018 15:31

Instrument :
MSVOA_X
ClientSampleId :
FL-0566DL

Tgt Ion: 83 Resp: 141276
Ion Ratio Lower Upper
83 100
55 78.1 61.0 91.6
98 50.6 38.6 57.8

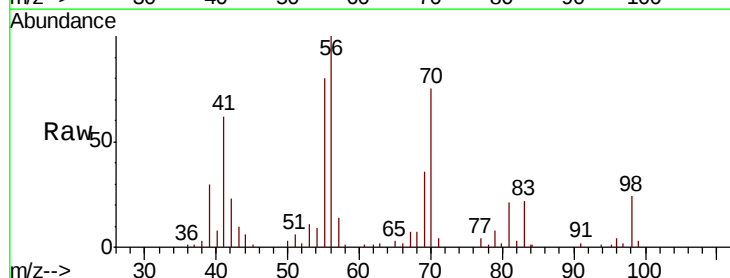


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

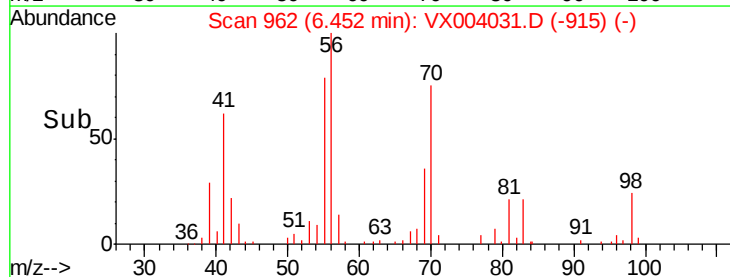
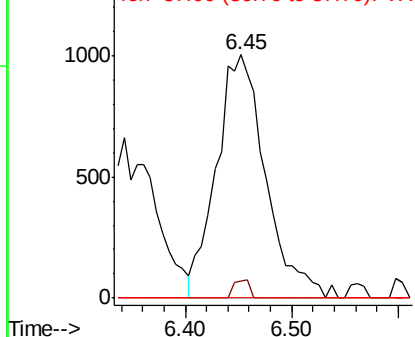


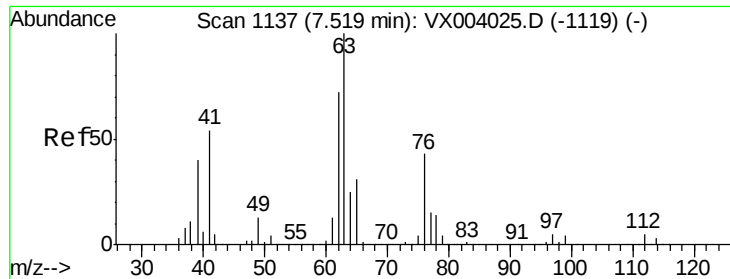
#43
Isopropyl Acetate
Concen: 0.400 ug/l
RT: 6.45 min Scan# 962
Delta R.T. -0.01 min
Lab File: VX004031.D
Acq: 14 Aug 2018 15:31

Tgt Ion: 43 Resp: 3247
Ion Ratio Lower Upper
43 100
61 2.4 16.9 25.3#
87 0.0 11.3 16.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0





#45

1,2-Dichloropropane

Concen: 0.481 ug/l

RT: 7.46 min Scan# 1127

Delta R.T. -0.06 min

Lab File: VX004031.D

Acq: 14 Aug 2018 15:31

Instrument :

MSVOA_X

ClientSampleId :

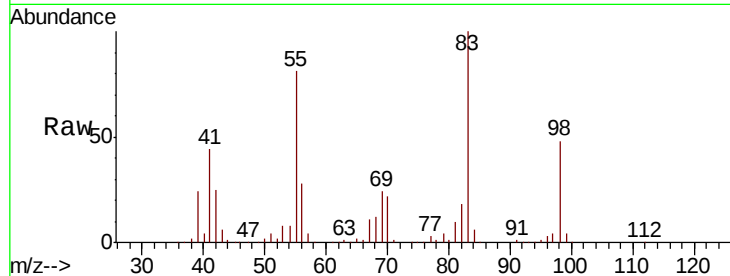
FL-0566DL

Tgt Ion: 63 Resp: 1868

Ion Ratio Lower Upper

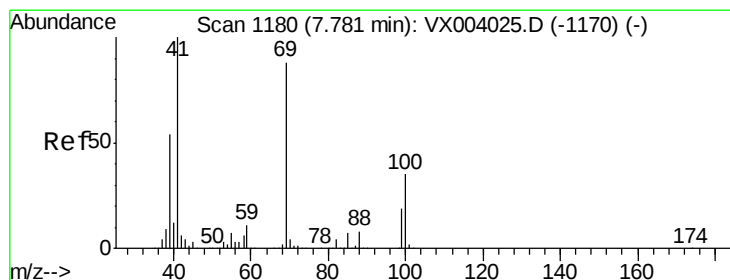
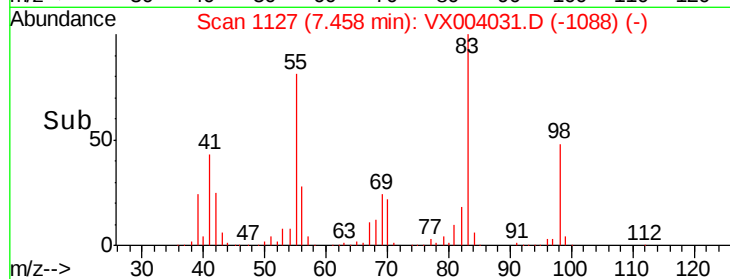
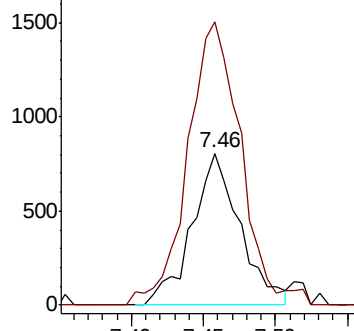
63 100

65 178.0 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: 2.060 ug/l

RT: 7.73 min Scan# 1172

Delta R.T. -0.05 min

Lab File: VX004031.D

Acq: 14 Aug 2018 15:31

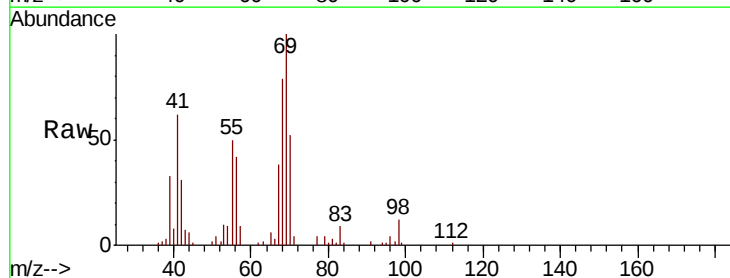
Tgt Ion: 41 Resp: 8416

Ion Ratio Lower Upper

41 100

69 160.1 68.8 103.2#

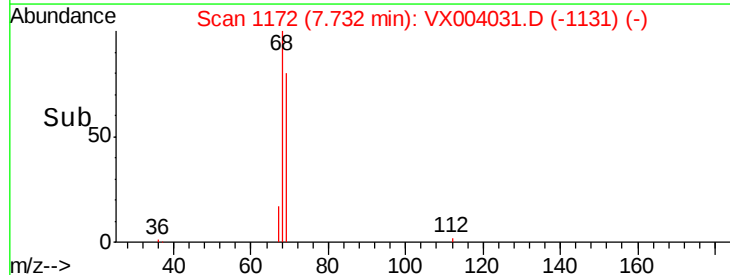
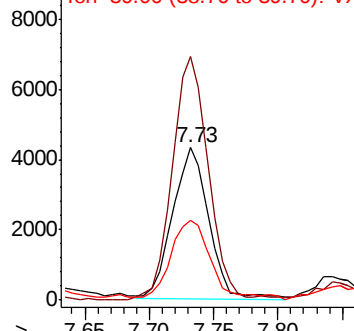
39 59.8 42.3 63.5

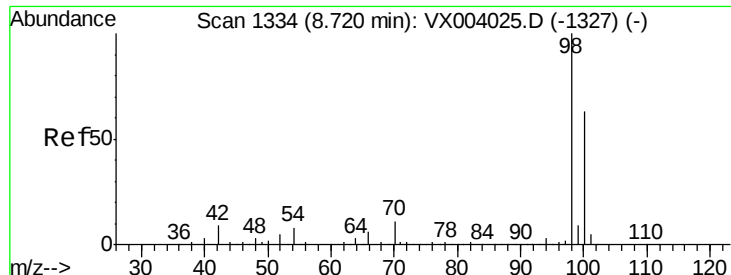


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

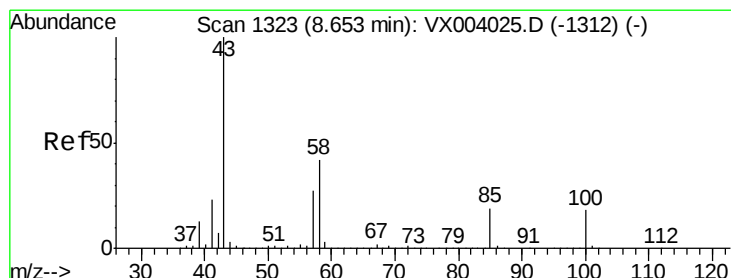
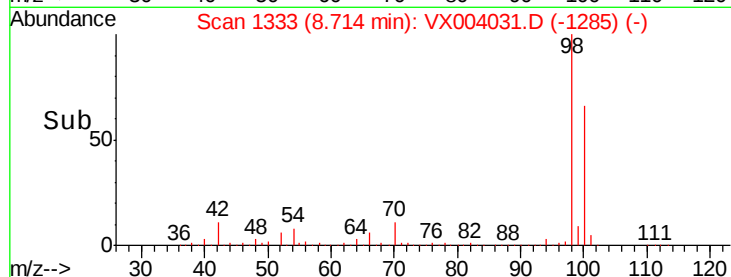
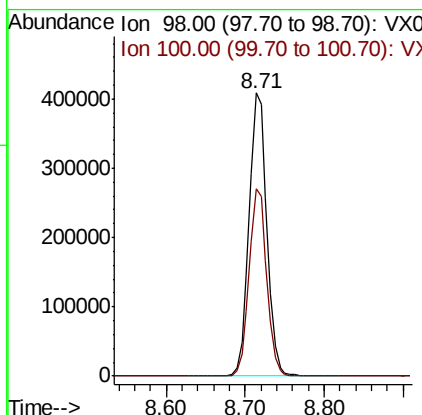
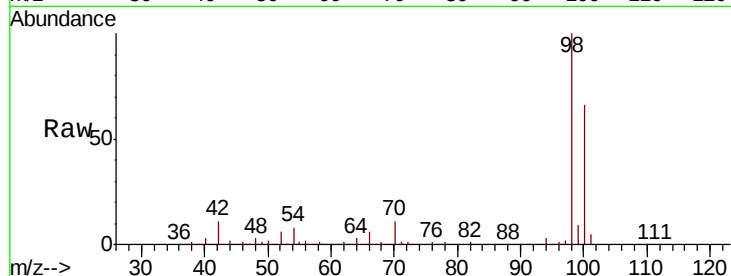




#50
Toluene-d8
Concen: 47.452 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. -0.01 min
Lab File: VX004031.D
Acq: 14 Aug 2018 15:31

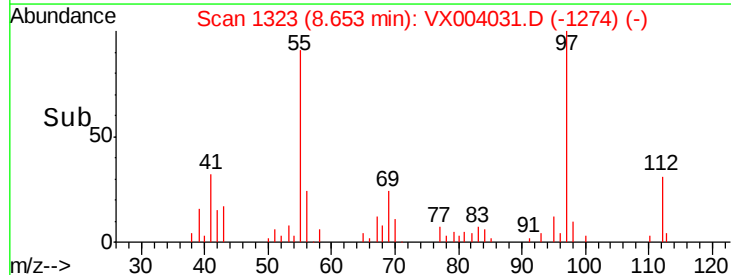
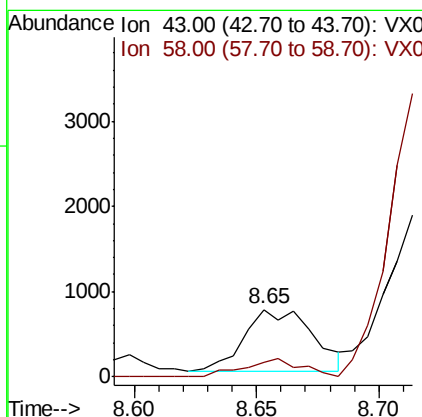
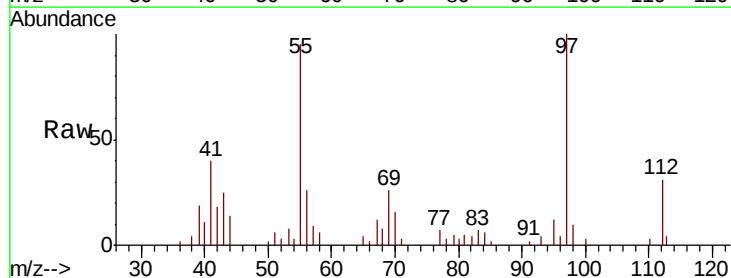
Instrument :
MSVOA_X
ClientSampleId :
FL-0566DL

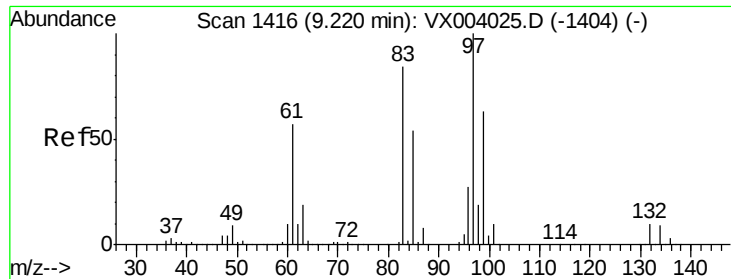
Tgt Ion: 98 Resp: 639902
Ion Ratio Lower Upper
98 100
100 65.6 53.3 79.9



#51
4-Methyl-2-Pentanone
Concen: 0.213 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.00 min
Lab File: VX004031.D
Acq: 14 Aug 2018 15:31

Tgt Ion: 43 Resp: 1420
Ion Ratio Lower Upper
43 100
58 24.9 33.0 49.6#

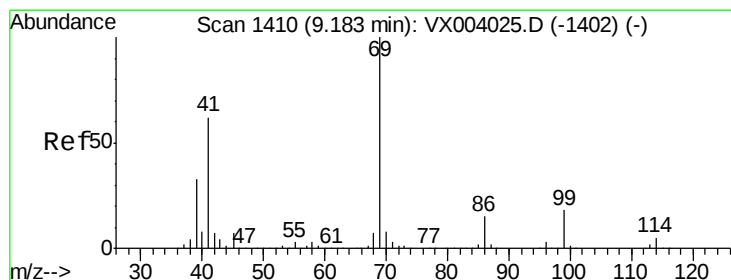
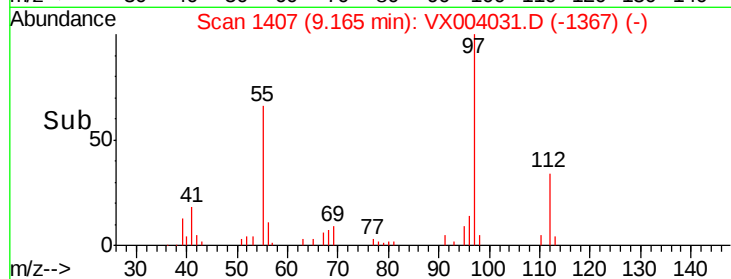
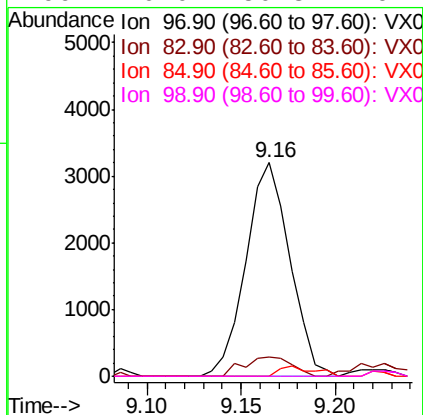
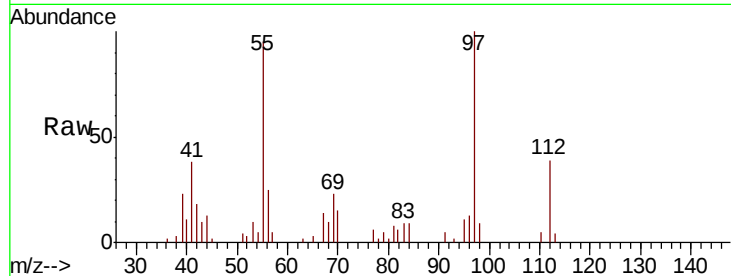




#55
 1,1,2-Trichloroethane
 Concen: 1.306 ug/l
 RT: 9.16 min Scan# 1407
 Delta R.T. -0.05 min
 Lab File: VX004031.D
 Acq: 14 Aug 2018 15:31

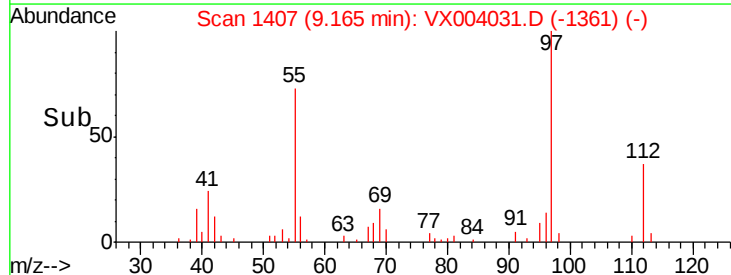
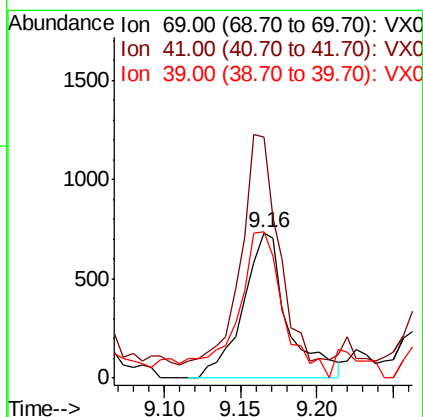
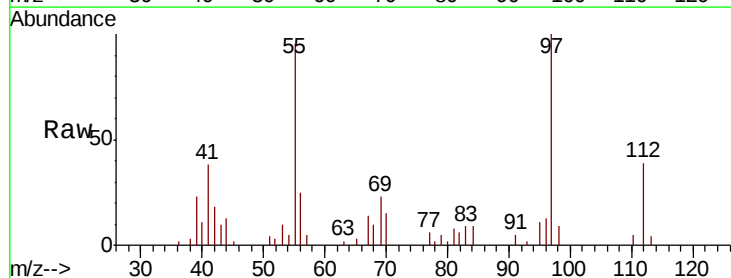
Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0566DL

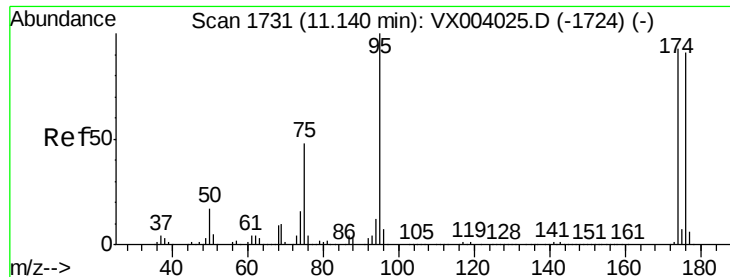
Tgt Ion: 97 Resp: 5178
 Ion Ratio Lower Upper
 97 100
 83 9.1 67.8 101.6#
 85 0.0 44.2 66.2#
 99 0.0 50.8 76.2#



#56
 Ethyl methacrylate
 Concen: 0.274 ug/l
 RT: 9.16 min Scan# 1407
 Delta R.T. -0.02 min
 Lab File: VX004031.D
 Acq: 14 Aug 2018 15:31

Tgt Ion: 69 Resp: 1476
 Ion Ratio Lower Upper
 69 100
 41 134.3 50.6 76.0#
 39 106.1 25.8 38.6#

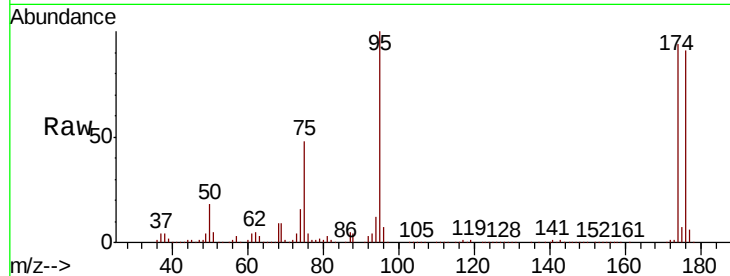




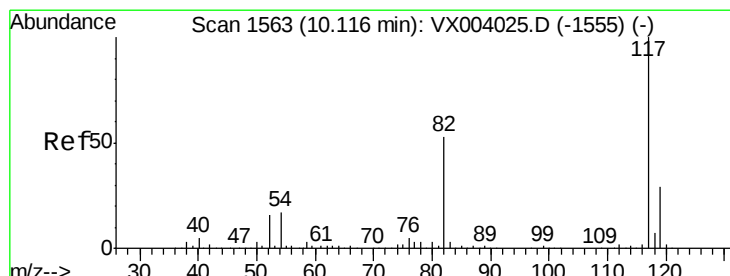
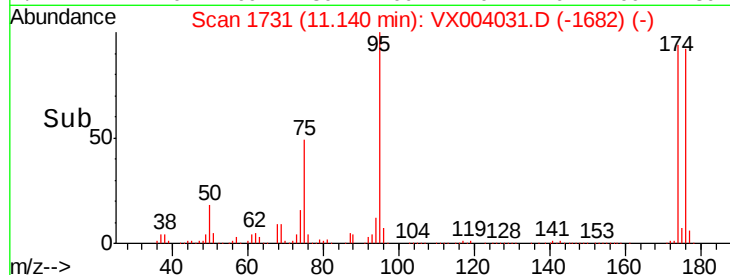
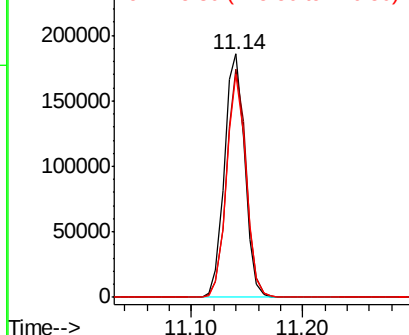
#62
 4-Bromofluorobenzene
 Concen: 47.966 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.00 min
 Lab File: VX004031.D
 Acq: 14 Aug 2018 15:31

Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0566DL

Tgt Ion: 95 Resp: 234600
 Ion Ratio Lower Upper
 95 100
 174 90.4 0.0 182.8
 176 88.0 0.0 179.0

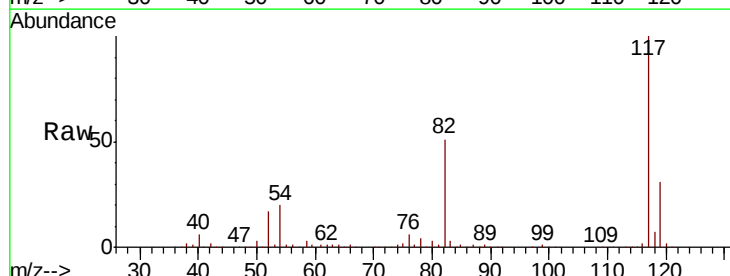


Abundance Ion 94.90 (94.60 to 95.60): VX0
 Ion 173.80 (173.50 to 174.50): V
 Ion 175.80 (175.50 to 176.50): V

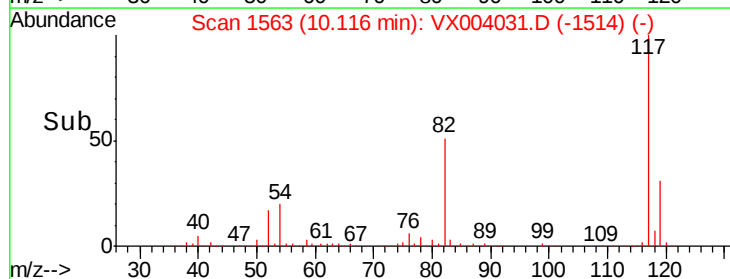
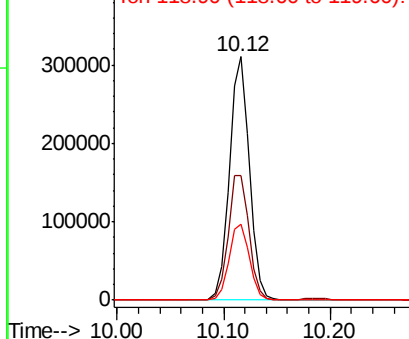


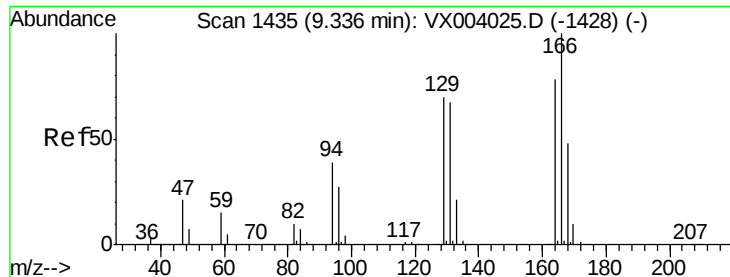
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.12 min Scan# 1563
 Delta R.T. -0.00 min
 Lab File: VX004031.D
 Acq: 14 Aug 2018 15:31

Tgt Ion: 117 Resp: 407135
 Ion Ratio Lower Upper
 117 100
 82 51.1 45.4 68.0
 119 31.4 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

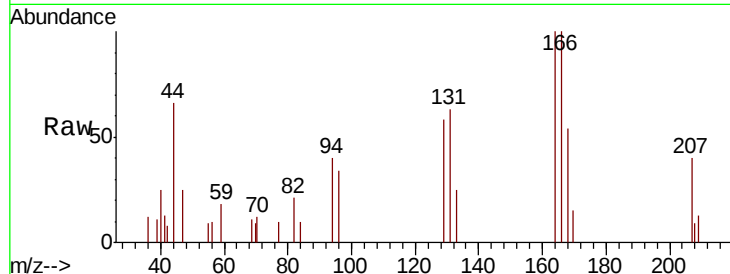




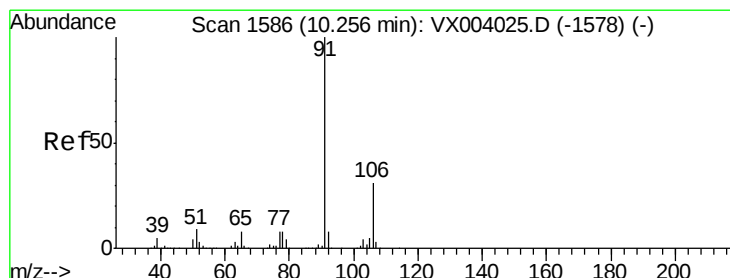
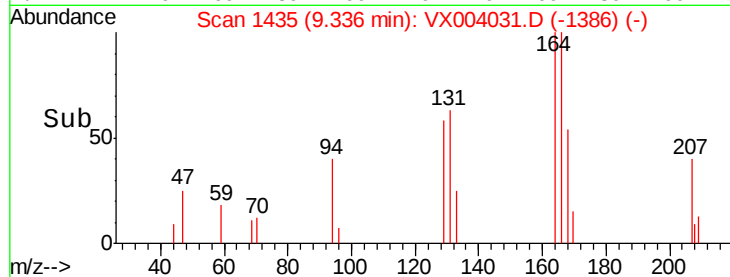
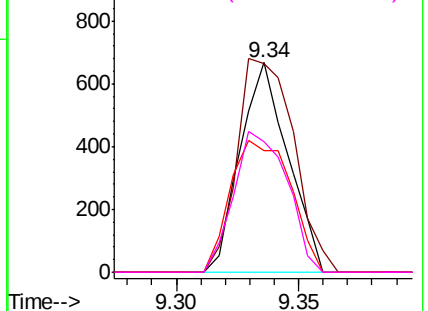
#64
Tetrachloroethene
Concen: 0.236 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX004031.D
Acq: 14 Aug 2018 15:31

Instrument :
MSVOA_X
ClientSampled :
FL-0566DL

Tgt Ion:164 Resp: 912
Ion Ratio Lower Upper
164 100
166 99.9 98.0 147.0
129 58.3 64.3 96.5#
131 62.7 66.8 100.2#

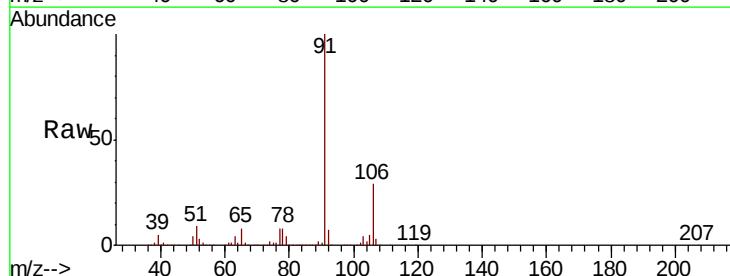


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

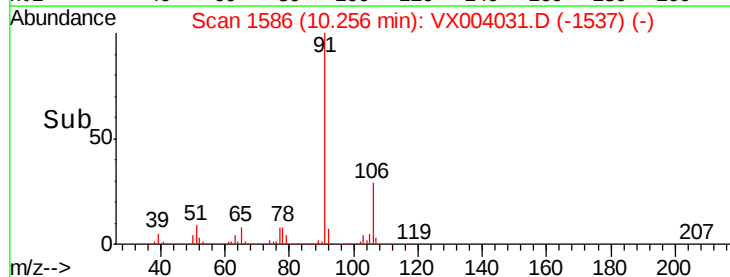
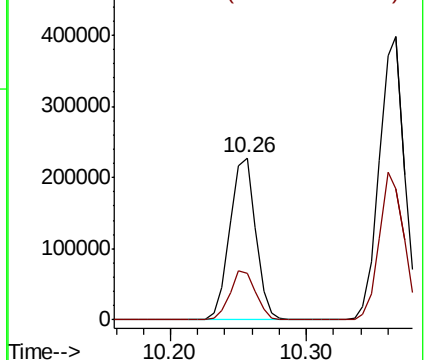


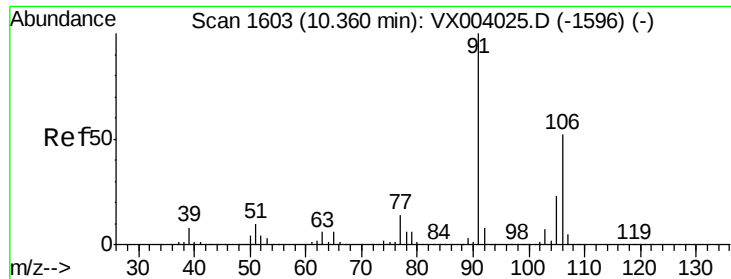
#67
Ethyl Benzene
Concen: 18.145 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX004031.D
Acq: 14 Aug 2018 15:31

Tgt Ion: 91 Resp: 302171
Ion Ratio Lower Upper
91 100
106 28.9 25.9 38.9



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

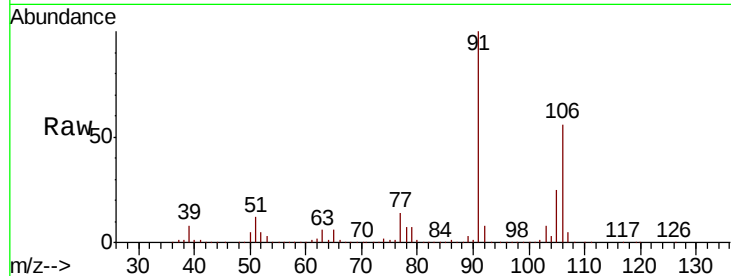




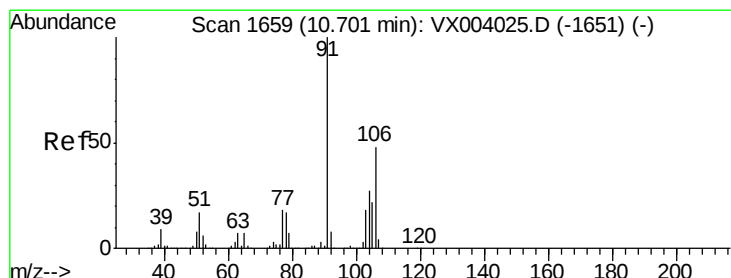
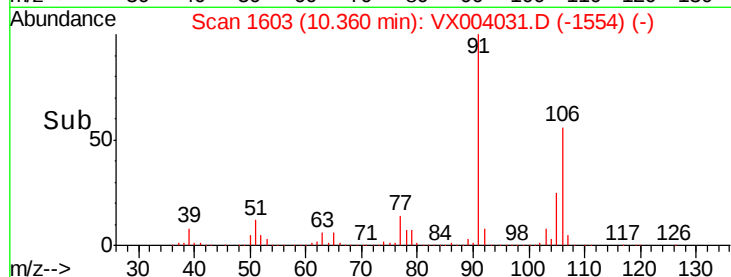
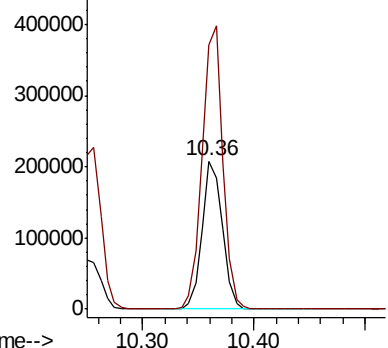
#68
m/p-Xylenes
Concen: 40.128 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX004031.D
Acq: 14 Aug 2018 15:31

Instrument :
MSVOA_X
ClientSampleID :
FL-0566DL

Tgt Ion:106 Resp: 261693
Ion Ratio Lower Upper
106 100
91 194.2 162.3 243.5

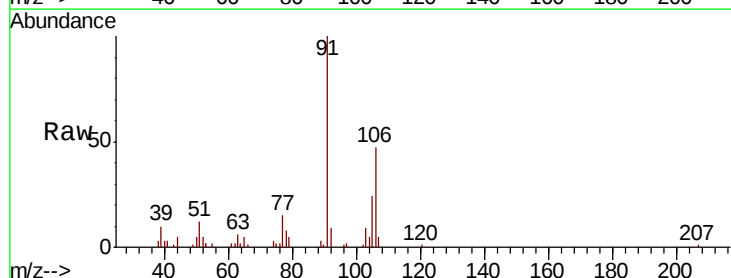


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

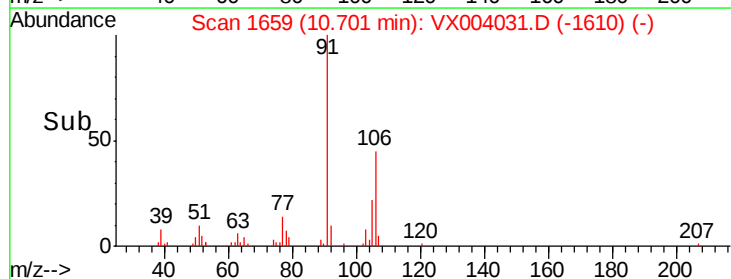
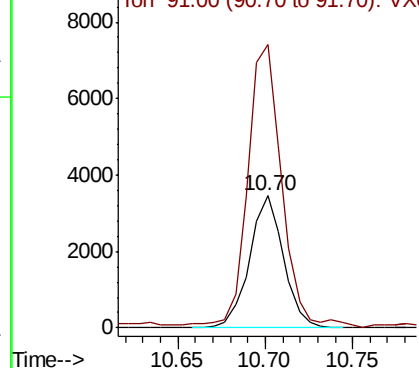


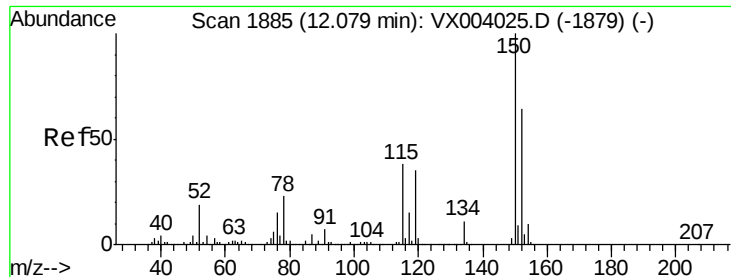
#69
o-Xylene
Concen: 0.745 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX004031.D
Acq: 14 Aug 2018 15:31

Tgt Ion:106 Resp: 4645
Ion Ratio Lower Upper
106 100
91 217.5 101.9 305.7



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX004031.D

Acq: 14 Aug 2018 15:31

Instrument :

MSVOA_X

ClientSampleId :

FL-0566DL

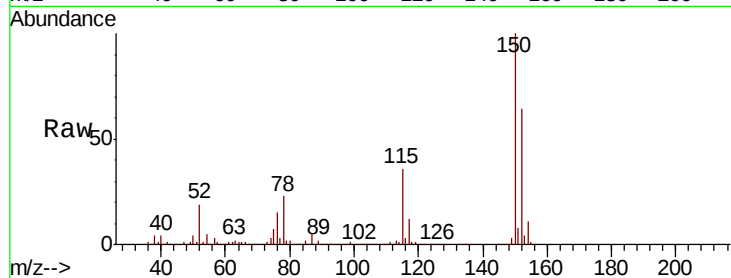
Tgt Ion:152 Resp: 252473

Ion Ratio Lower Upper

152 100

115 56.7 39.1 117.3

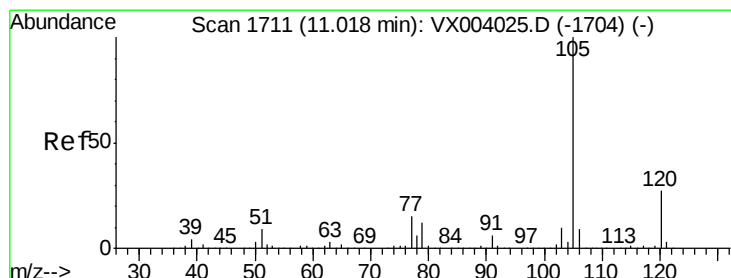
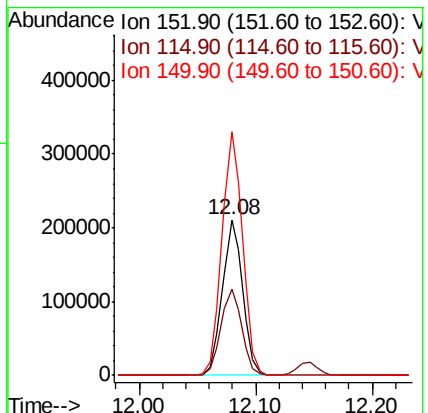
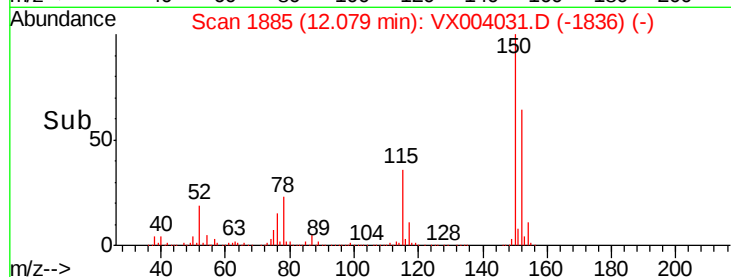
150 159.4 0.0 349.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 2.687 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.00 min

Lab File: VX004031.D

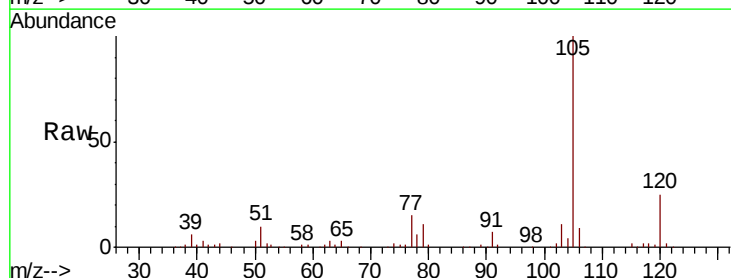
Acq: 14 Aug 2018 15:31

Tgt Ion:105 Resp: 45907

Ion Ratio Lower Upper

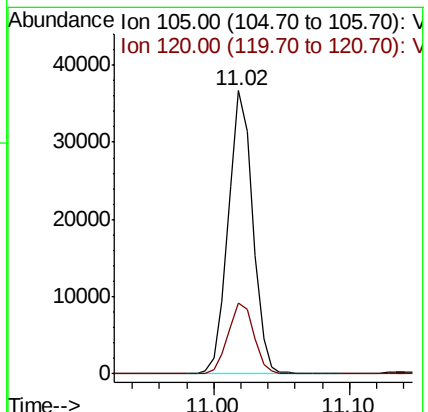
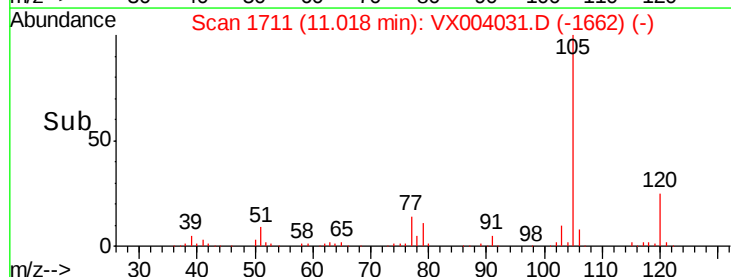
105 100

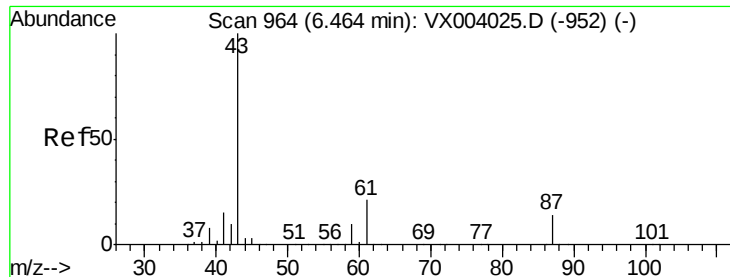
120 26.3 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: 0.404 ug/l

RT: 6.45 min Scan# 962

Delta R.T. -0.01 min

Lab File: VX004031.D

Acq: 14 Aug 2018 15:31

Instrument :

MSVOA_X

ClientSampleID :

FL-0566DL

Tgt Ion: 43 Resp: 3247

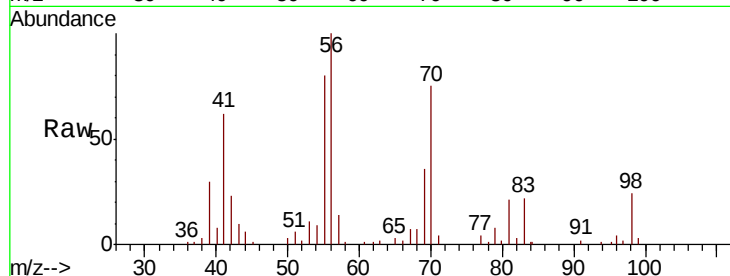
Ion Ratio Lower Upper

43 100

70 662.6 0.0 0.0#

55 664.6 0.1 0.1#

61 2.4 16.9 25.3#

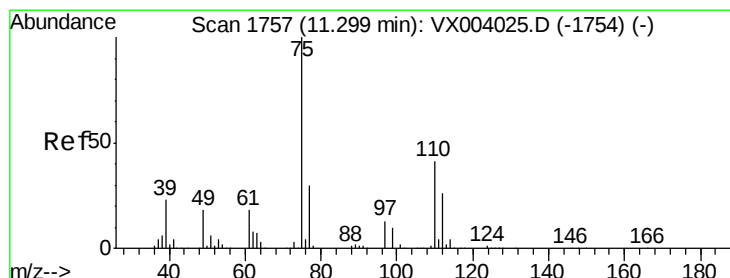
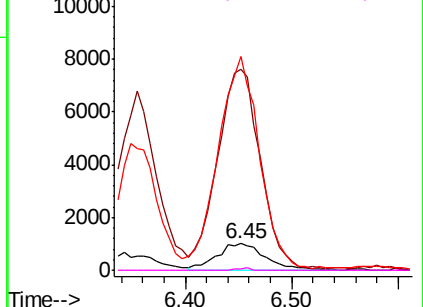
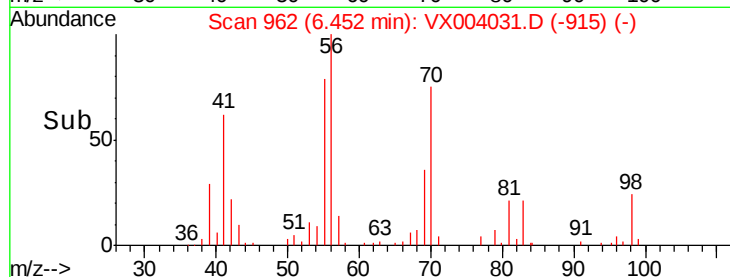


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#76

1,2,3-Trichloropropane

Concen: 22.566 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX004031.D

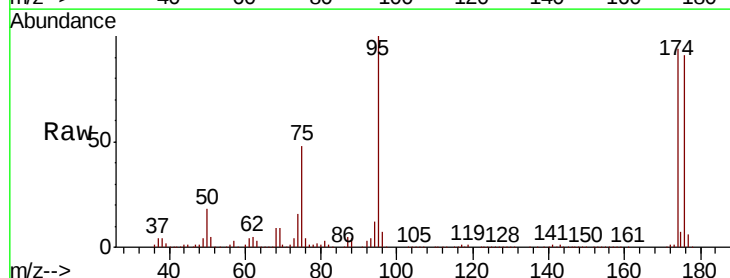
Acq: 14 Aug 2018 15:31

Tgt Ion: 75 Resp: 114256

Ion Ratio Lower Upper

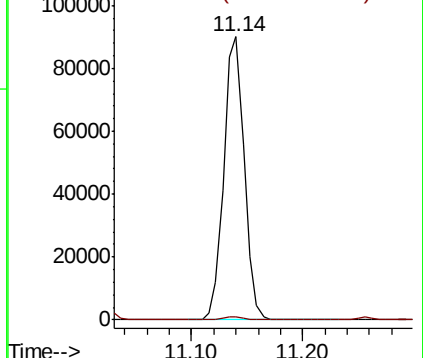
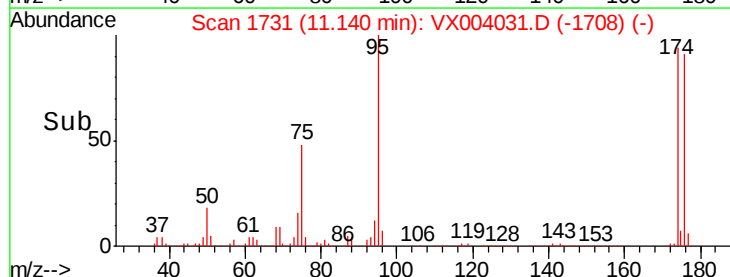
75 100

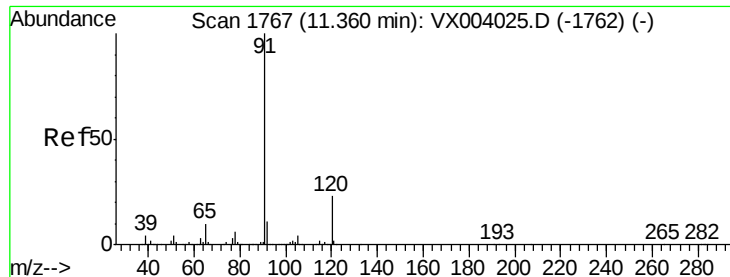
77 1.3 20.8 62.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 3.166 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VX004031.D

Acq: 14 Aug 2018 15:31

Instrument :

MSVOA_X

ClientSampled :

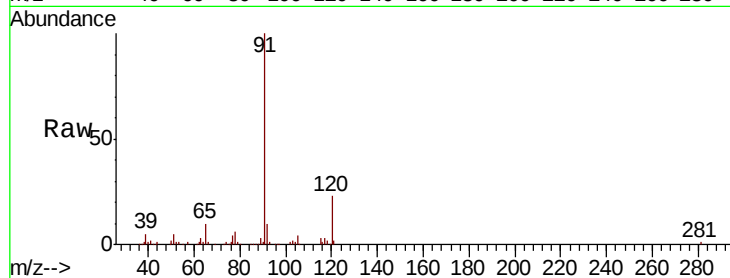
FL-0566DL

Tgt Ion: 91 Resp: 60540

Ion Ratio Lower Upper

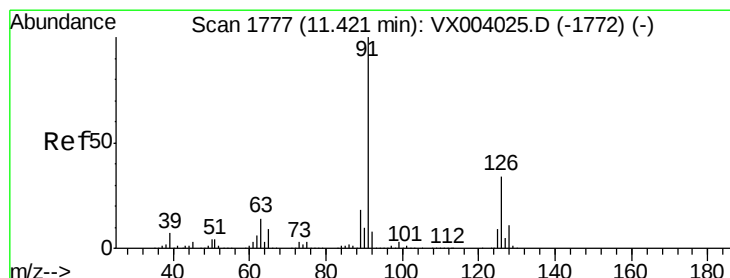
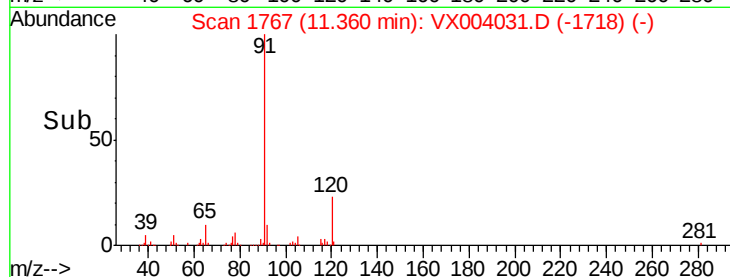
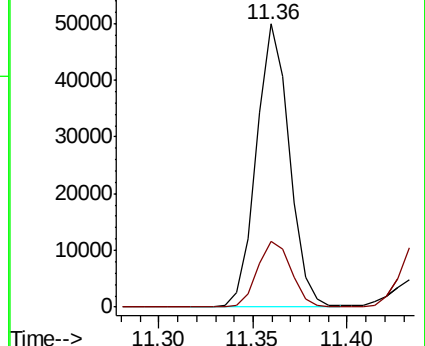
91 100

120 23.9 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: 2.966 ug/l

RT: 11.46 min Scan# 1783

Delta R.T. 0.04 min

Lab File: VX004031.D

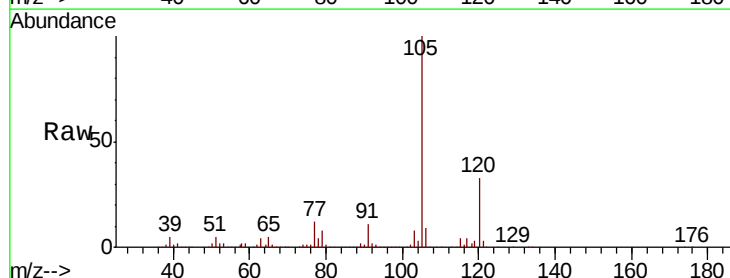
Acq: 14 Aug 2018 15:31

Tgt Ion: 91 Resp: 34555

Ion Ratio Lower Upper

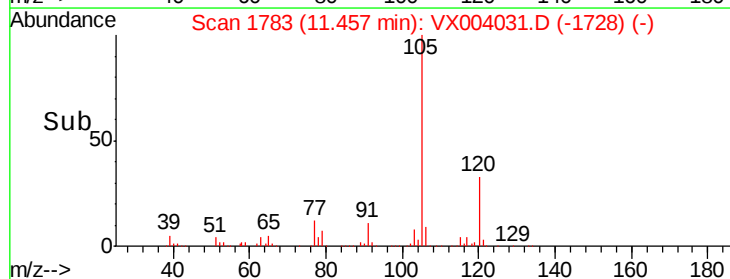
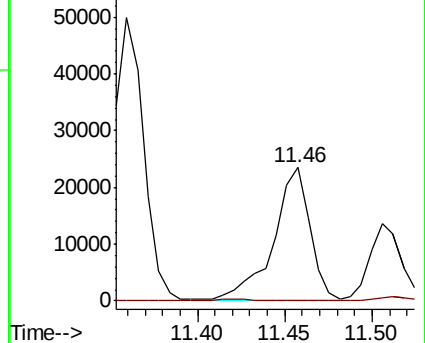
91 100

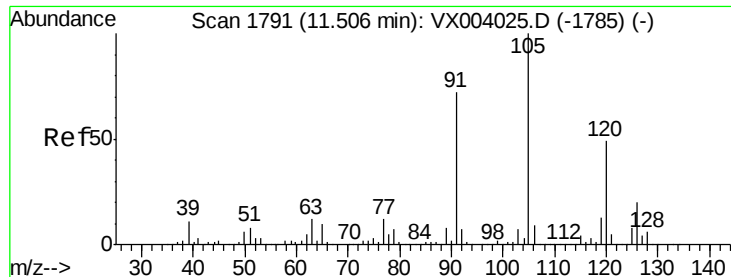
126 0.0 17.4 52.3#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

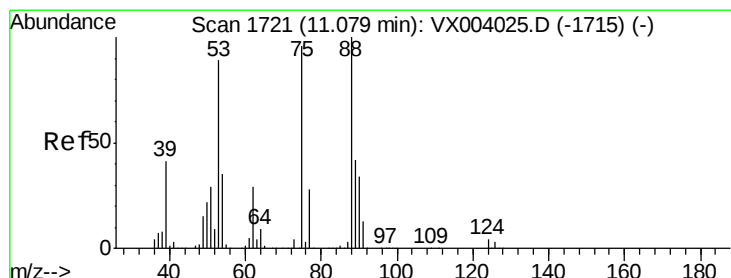
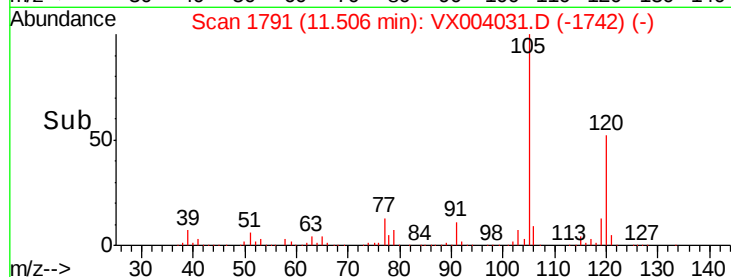
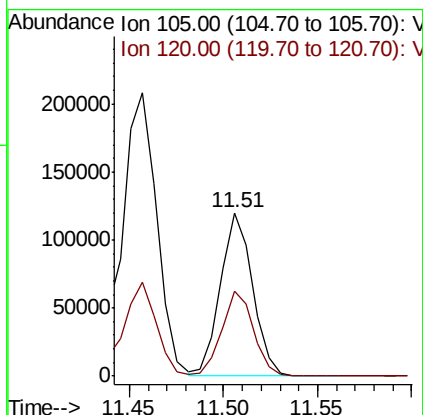
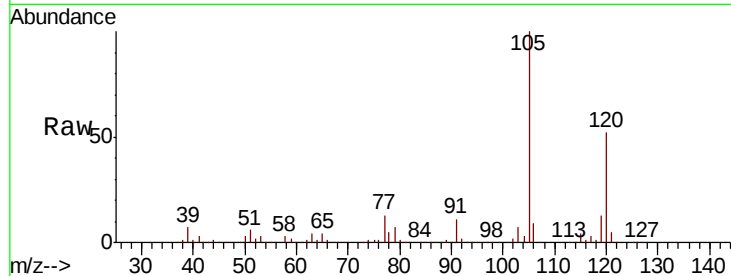




#80
 1,3,5-Trimethylbenzene
 Concen: 10.169 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX004031.D
 Acq: 14 Aug 2018 15:31

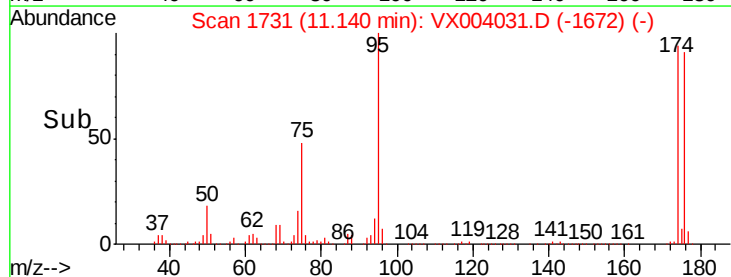
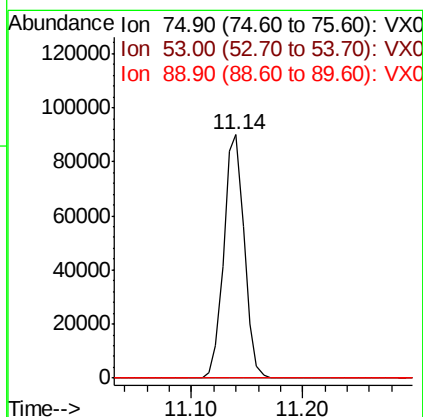
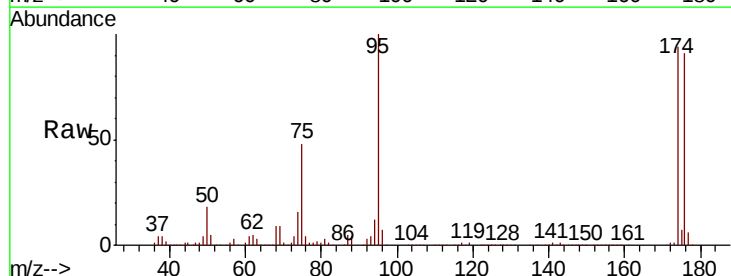
Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0566DL

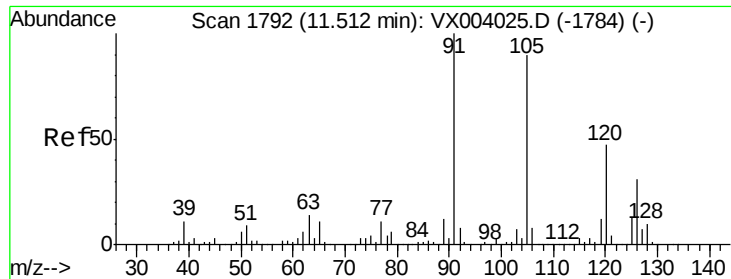
Tgt Ion:105 Resp: 142261
 Ion Ratio Lower Upper
 105 100
 120 51.4 25.4 76.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.854 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX004031.D
 Acq: 14 Aug 2018 15:31

Tgt Ion: 75 Resp: 114256
 Ion Ratio Lower Upper
 75 100
 53 0.2 80.3 120.5#
 89 0.0 37.8 56.8#

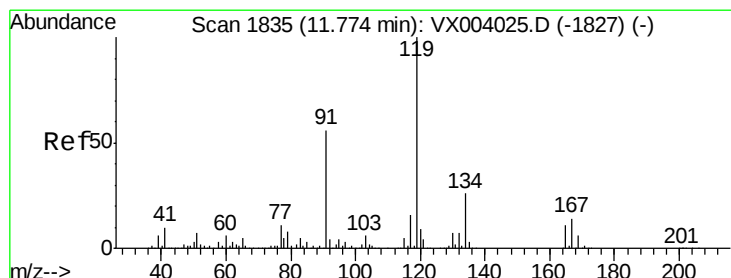
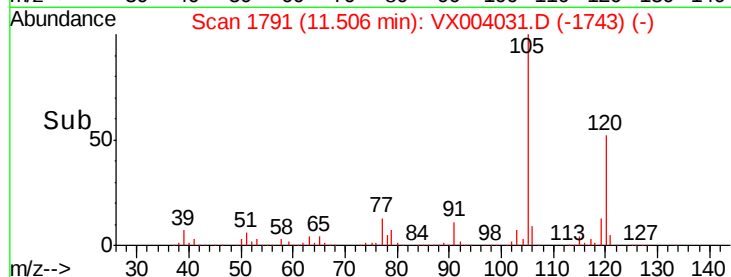
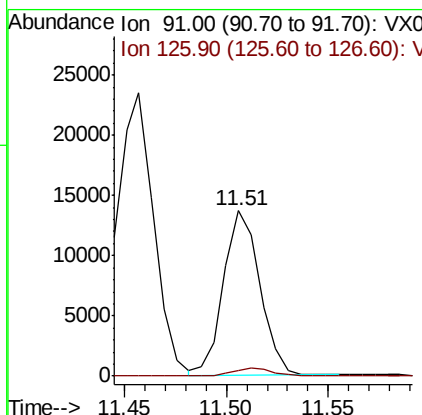
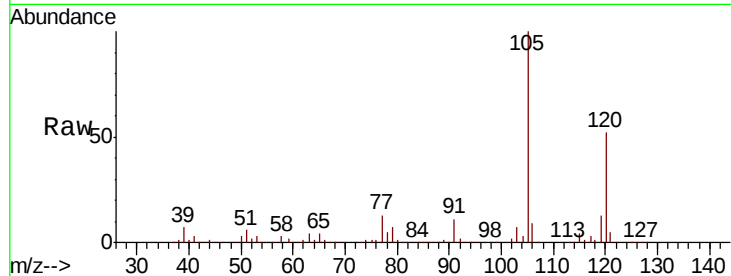




#82
4-Chlorotoluene
Concen: 1.218 ug/l
RT: 11.51 min Scan# 1791
Delta R.T. -0.01 min
Lab File: VX004031.D
Acq: 14 Aug 2018 15:31

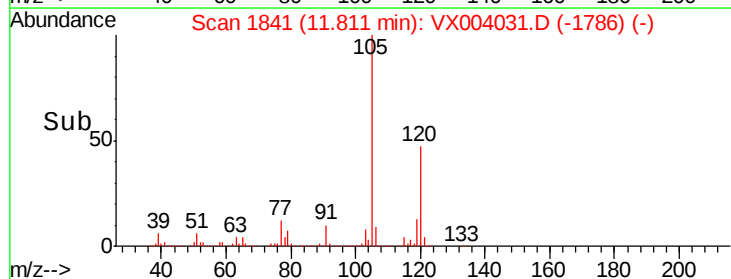
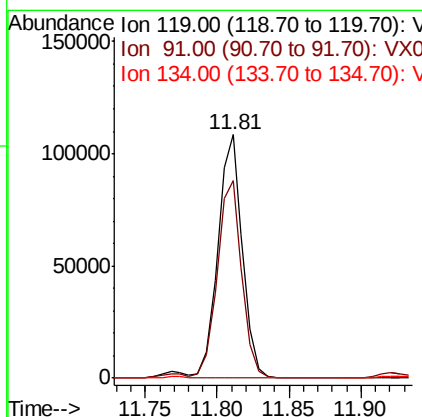
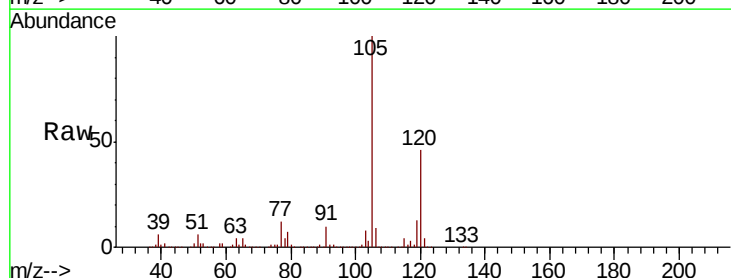
Instrument :
MSVOA_X
ClientSampled :
FL-0566DL

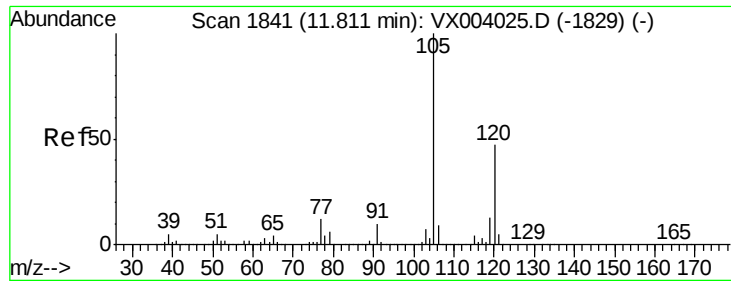
Tgt Ion: 91 Resp: 16779
Ion Ratio Lower Upper
91 100
126 5.0 15.6 46.7#



#83
tert-Butylbenzene
Concen: 9.121 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.04 min
Lab File: VX004031.D
Acq: 14 Aug 2018 15:31

Tgt Ion: 119 Resp: 128651
Ion Ratio Lower Upper
119 100
91 81.3 26.9 80.7#
134 0.4 12.0 36.0#

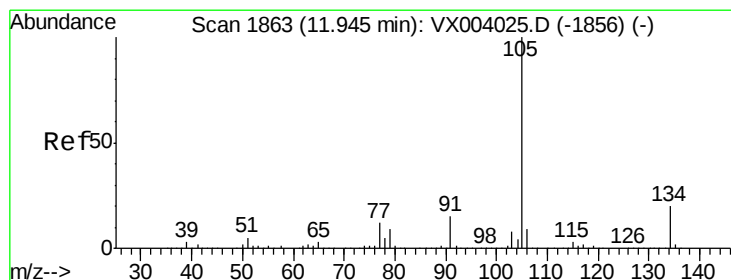
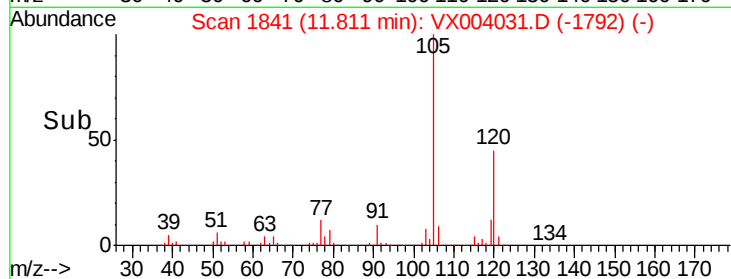
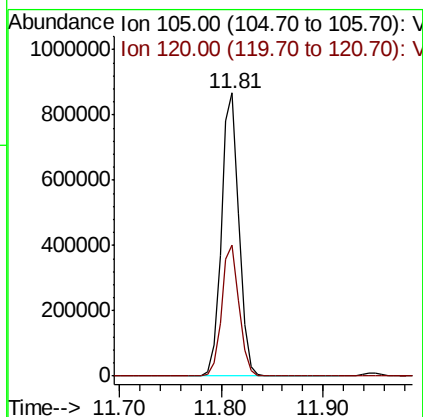
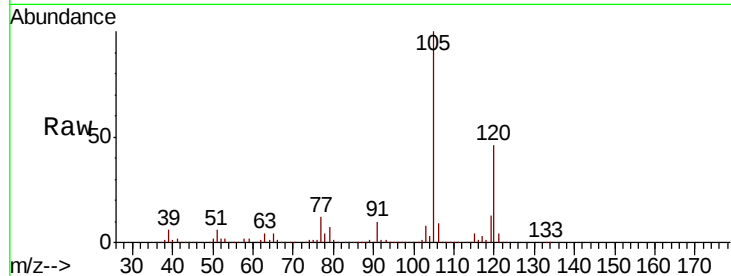




#84
 1,2,4-Trimethylbenzene
 Concen: 71.377 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX004031.D
 Acq: 14 Aug 2018 15:31

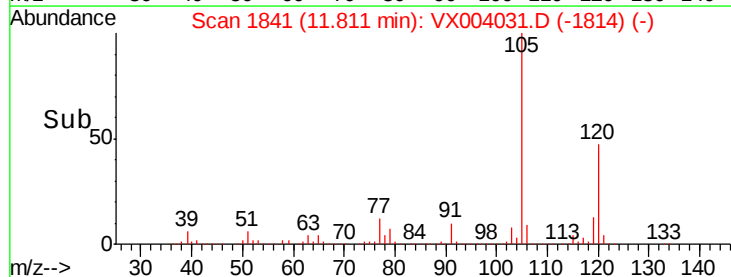
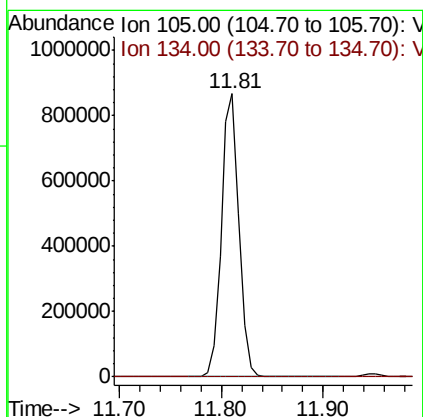
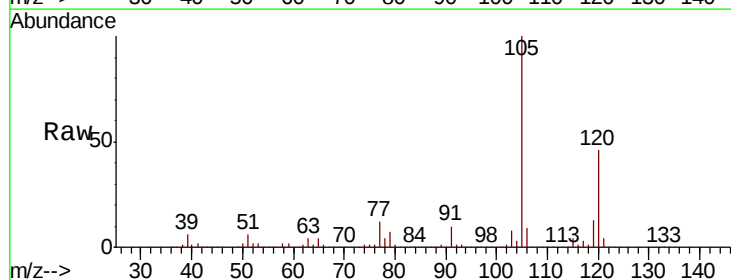
Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0566DL

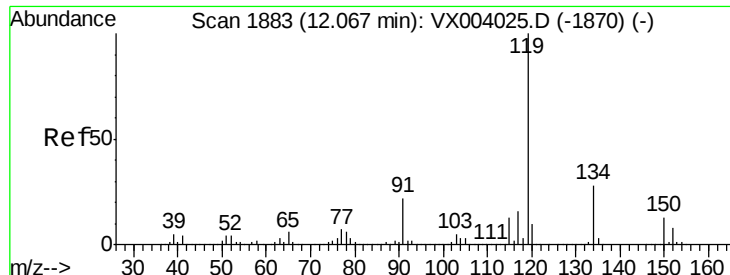
Tgt Ion:105 Resp: 1034208
 Ion Ratio Lower Upper
 105 100
 120 46.1 23.1 69.2



#85
 sec-Butylbenzene
 Concen: 62.645 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.13 min
 Lab File: VX004031.D
 Acq: 14 Aug 2018 15:31

Tgt Ion:105 Resp: 1034208
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.3 30.9#

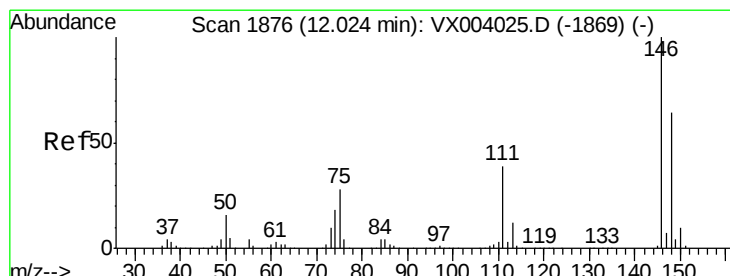
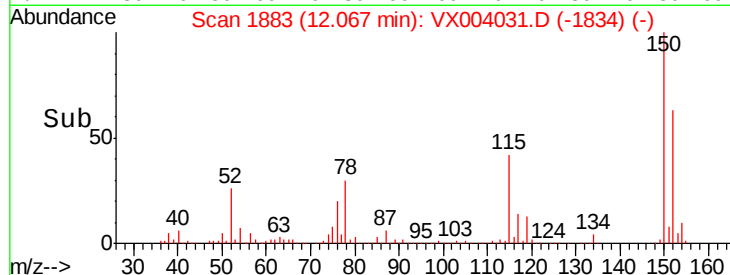
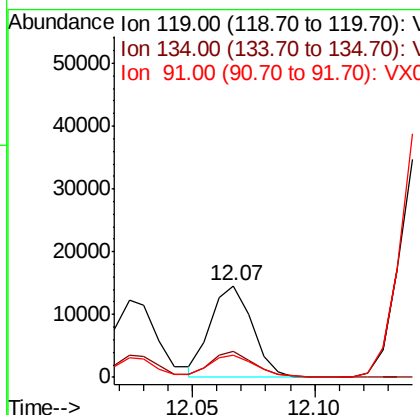
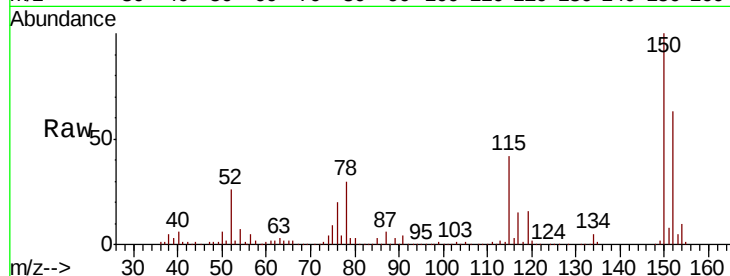




#86
 p-Isopropyltoluene
 Concen: 1.154 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX004031.D
 Acq: 14 Aug 2018 15:31

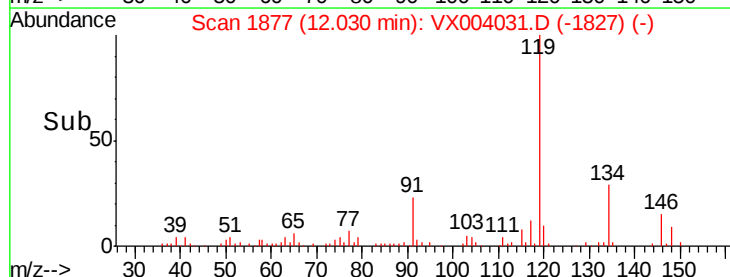
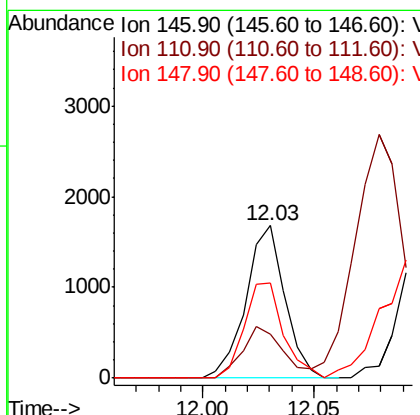
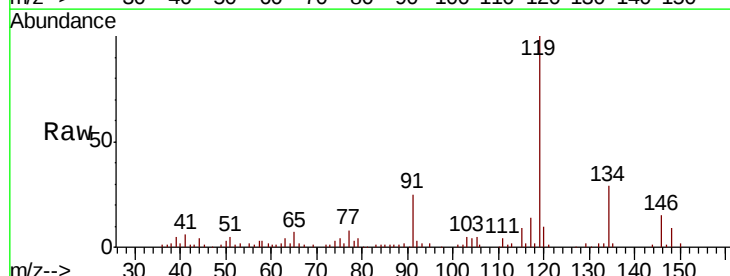
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0566DL

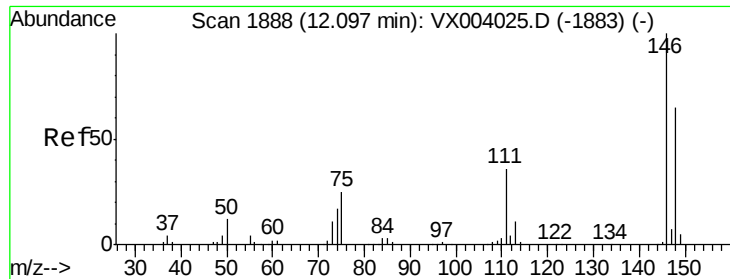
Tgt Ion:119 Resp: 17242
 Ion Ratio Lower Upper
 119 100
 134 29.3 13.3 39.8
 91 27.1 10.9 32.7



#87
 1,3-Dichlorobenzene
 Concen: 0.228 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.01 min
 Lab File: VX004031.D
 Acq: 14 Aug 2018 15:31

Tgt Ion:146 Resp: 2045
 Ion Ratio Lower Upper
 146 100
 111 36.0 18.8 56.4
 148 62.8 31.9 95.5

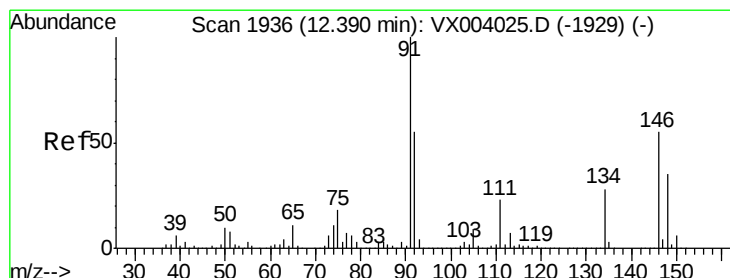
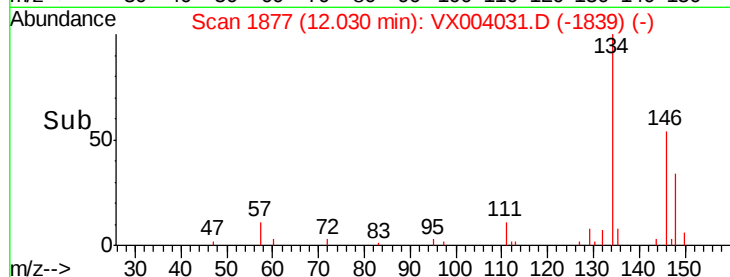
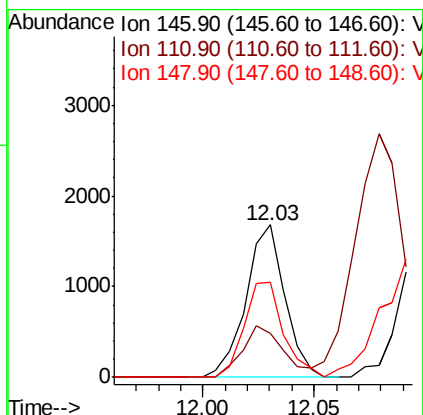
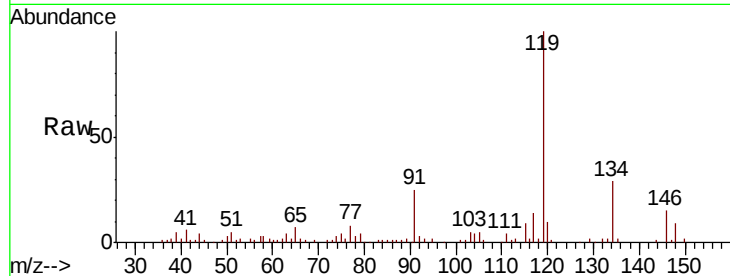




#88
 1,4-Dichlorobenzene
 Concen: 0.221 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.07 min
 Lab File: VX004031.D
 Acq: 14 Aug 2018 15:31

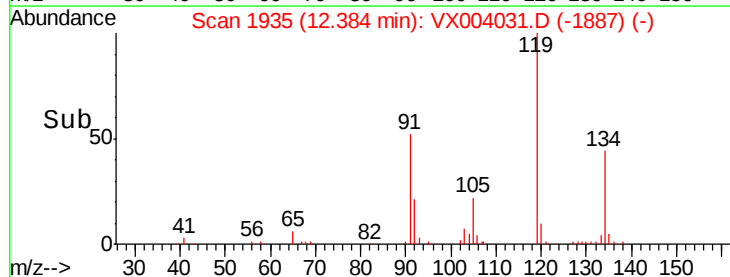
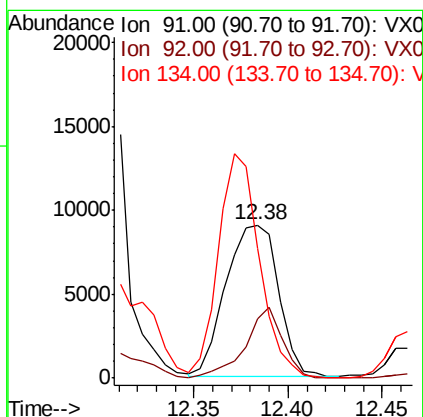
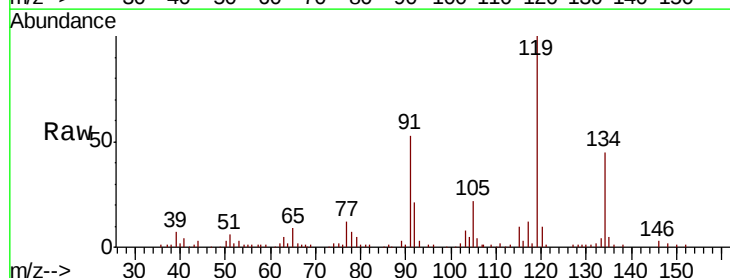
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0566DL

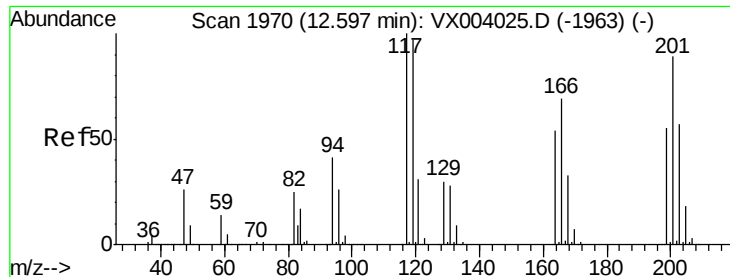
Tgt Ion: 146 Resp: 2045
 Ion Ratio Lower Upper
 146 100
 111 36.0 18.4 55.0
 148 62.8 32.3 96.8



#89
 n-Butylbenzene
 Concen: 1.485 ug/l
 RT: 12.38 min Scan# 1935
 Delta R.T. -0.01 min
 Lab File: VX004031.D
 Acq: 14 Aug 2018 15:31

Tgt Ion: 91 Resp: 17484
 Ion Ratio Lower Upper
 91 100
 92 33.0 27.1 81.3
 134 116.0 13.6 40.7#





#90

Hexachloroethane

Concen: 8.154 ug/l

RT: 12.70 min Scan# 1987

Delta R.T. 0.10 min

Lab File: VX004031.D

Acq: 14 Aug 2018 15:31

Instrument :

MSVOA_X

ClientSampleId :

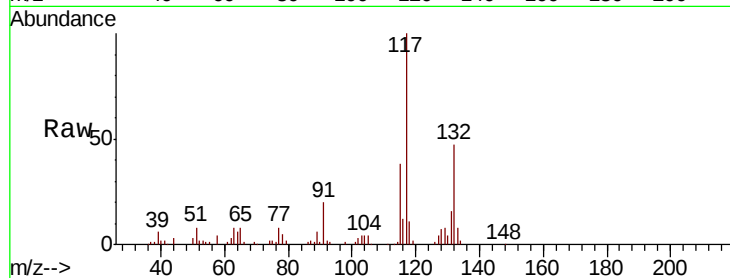
FL-0566DL

Tgt Ion: 117 Resp: 18234

Ion Ratio Lower Upper

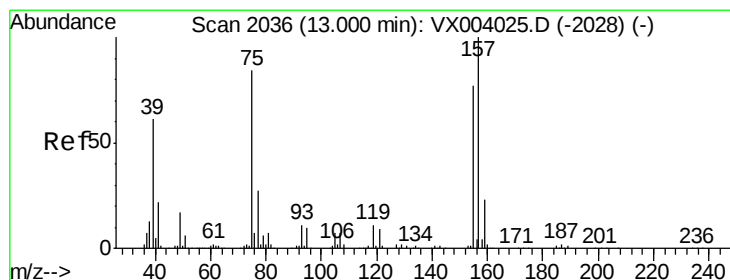
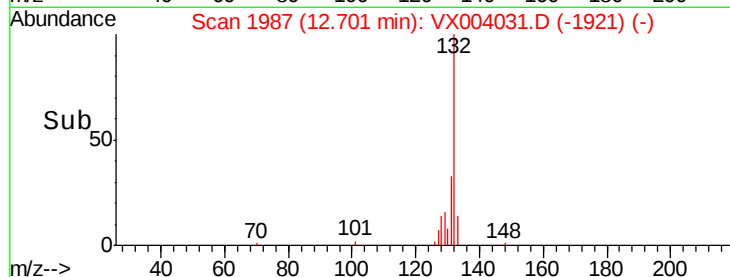
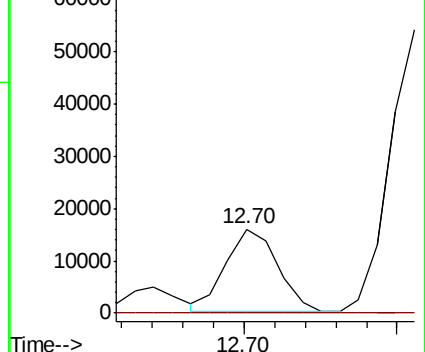
117 100

201 0.0 46.1 138.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.506 ug/l

RT: 13.02 min Scan# 2039

Delta R.T. 0.02 min

Lab File: VX004031.D

Acq: 14 Aug 2018 15:31

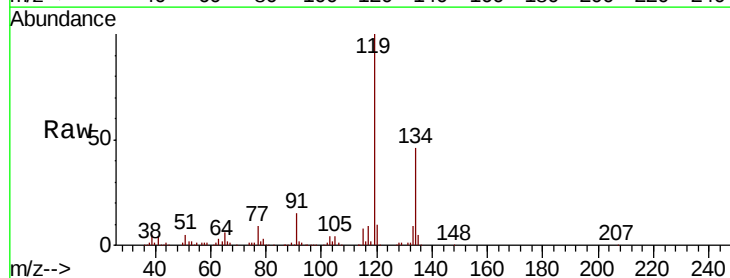
Tgt Ion: 75 Resp: 531

Ion Ratio Lower Upper

75 100

155 12.6 48.7 146.1#

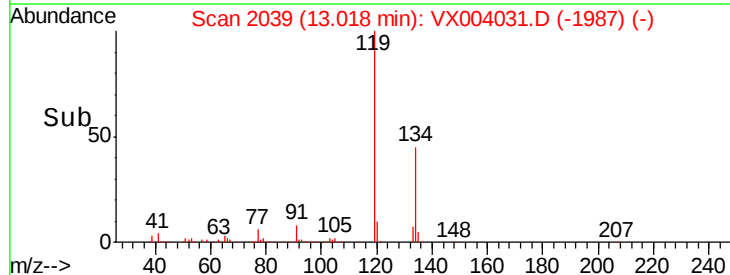
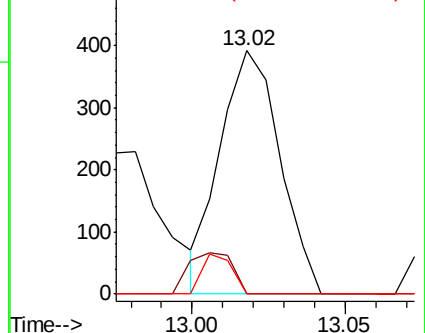
157 8.3 62.6 187.8#

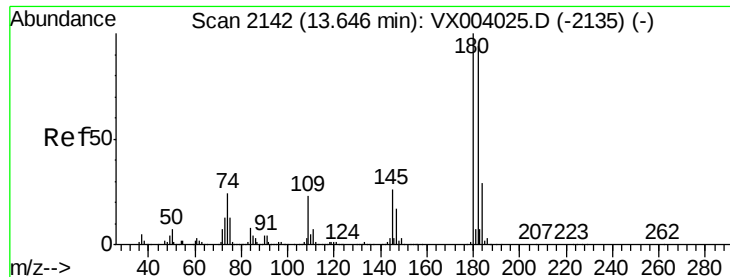


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

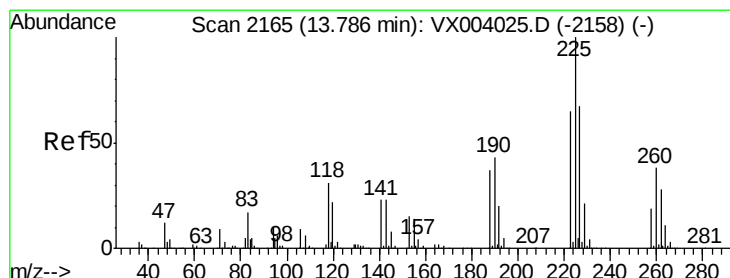
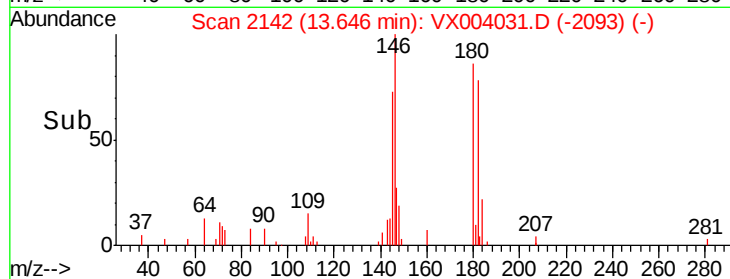
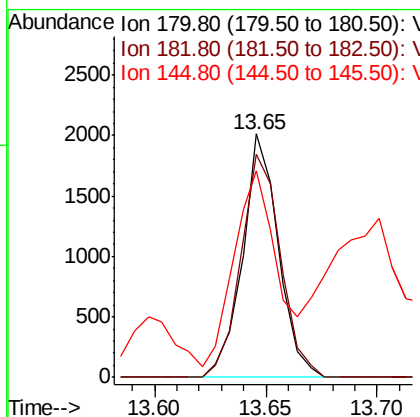
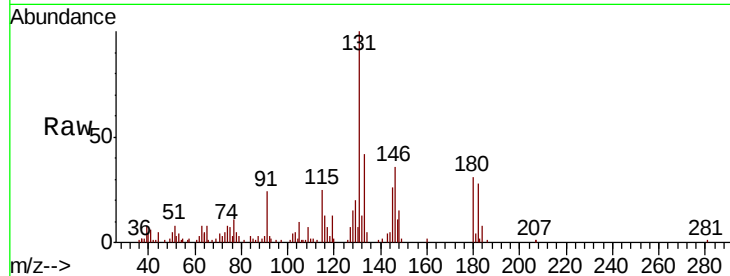




#93
 1,2,4-Trichlorobenzene
 Concen: 0.407 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VX004031.D
 Acq: 14 Aug 2018 15:31

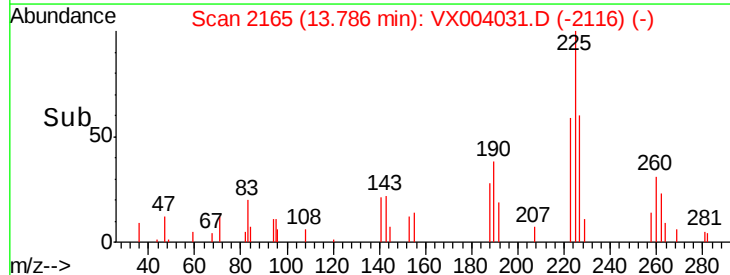
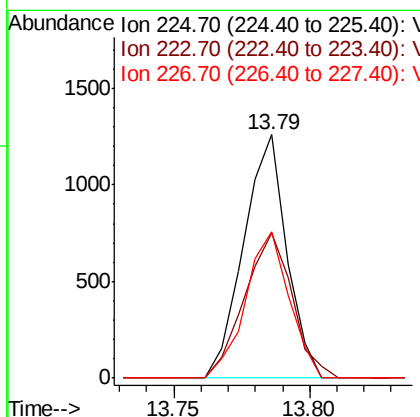
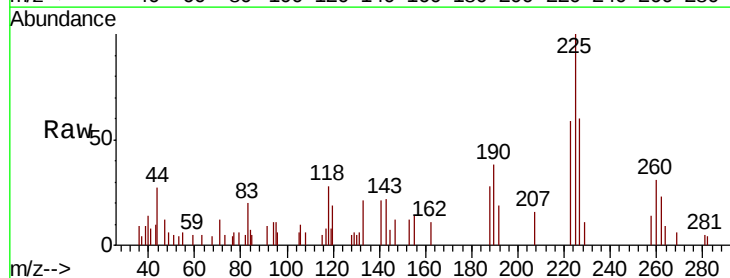
Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0566DL

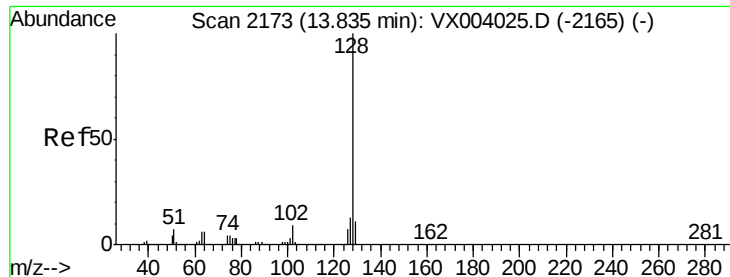
Tgt Ion:180 Resp: 2256
 Ion Ratio Lower Upper
 180 100
 182 101.7 47.7 143.1
 145 99.4 13.9 41.6#



#94
 Hexachlorobutadiene
 Concen: 0.495 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX004031.D
 Acq: 14 Aug 2018 15:31

Tgt Ion:225 Resp: 1375
 Ion Ratio Lower Upper
 225 100
 223 66.2 31.4 94.0
 227 61.2 32.1 96.5

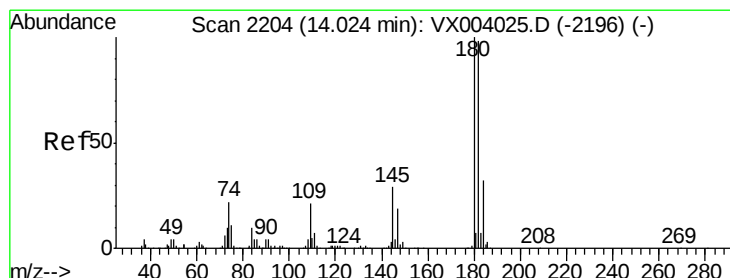
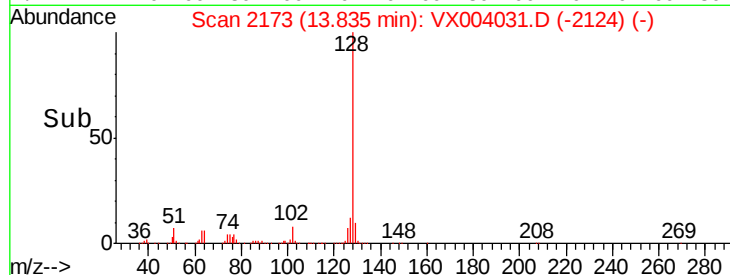
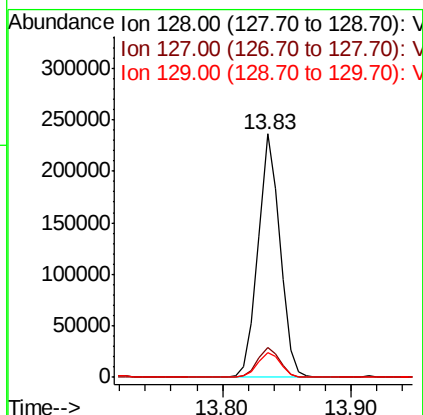
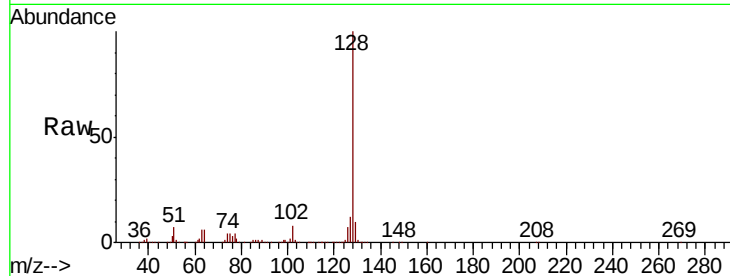




#95
Naphthalene
Concen: 16.369 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX004031.D
Acq: 14 Aug 2018 15:31

Instrument :
MSVOA_X
ClientSampleId :
FL-0566DL

Tgt Ion:128 Resp: 275050
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 0.333 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX004031.D
Acq: 14 Aug 2018 15:31

Tgt Ion:180 Resp: 2012
Ion Ratio Lower Upper
180 100
182 89.4 48.1 144.4
145 92.8 14.9 44.7#

