

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082318\
 Data File : VX004222.D
 Acq On : 23 Aug 2018 13:14
 Operator : JC/MD
 Sample : J4579-05DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0548DL

Quant Time: Aug 24 09:37:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	300976	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	470422	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	412849	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	279072	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	198937	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	
35) Dibromofluoromethane	5.50	113	165107	47.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.36%	
50) Toluene-d8	8.71	98	658621	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
62) 4-Bromofluorobenzene	11.14	95	254639	51.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.32%	

Target Compounds

						Qvalue
3) Chloromethane	1.32	50	1470	0.67	ug/l	92
5) Bromomethane	1.64	94	1345	Below	Cal	# 75
6) Chloroethane	1.74	64	3150	1.96	ug/l	# 45
10) Methyl Iodide	2.50	142	998	4.50	ug/l	# 97
11) Tert butyl alcohol	3.02	59	10047	12.02	ug/l	# 72
13) Acrolein	2.29	56	157	0.78	ug/l	# 60
14) Allyl chloride	2.82	41	4671	0.80	ug/l	# 56
15) Acrylonitrile	3.15	53	1855	0.90	ug/l	# 49
16) Acetone	2.45	43	2515	Below	Cal	# 89
17) Carbon Disulfide	2.56	76	713	0.88	ug/l	# 35
18) Methyl Acetate	2.83	43	13037	2.24	ug/l	# 52
20) Methylene Chloride	2.86	84	2416	0.64	ug/l	# 90
25) 2-Butanone	4.71	43	530	Below	Cal	# 47
26) 2,2-Dichloropropane	4.39	77	1678	0.34	ug/l	# 52
29) Tetrahydrofuran	5.17	42	1224	0.73	ug/l	# 54
31) Cyclohexane	5.57	56	72928	13.26	ug/l	# 97
36) 1,1-Dichloropropene	5.66	75	19886	3.76	ug/l	# 50
38) Carbon Tetrachloride	5.66	117	25974	5.22	ug/l	# 15
39) Methylcyclohexane	7.46	83	97093	16.08	ug/l	# 99
43) Isopropyl Acetate	6.46	43	1856	0.23	ug/l	# 59
45) 1,2-Dichloropropane	7.45	63	1220	0.31	ug/l	# 1
48) Methyl methacrylate	7.73	41	4347	1.02	ug/l	# 49
55) 1,1,2-Trichloroethane	9.16	97	5214	1.31	ug/l	# 21
56) Ethyl methacrylate	9.16	69	1256	0.23	ug/l	# 1
67) Ethyl Benzene	10.25	91	331619	19.71	ug/l	# 98
68) m/p-Xylenes	10.36	106	318201	48.36	ug/l	# 100
69) o-Xylene	10.70	106	156992	25.22	ug/l	# 96
70) Styrene	10.70	104	7590	0.75	ug/l	# 1
73) Isopropylbenzene	11.02	105	46103	2.52	ug/l	# 98
76) 1,2,3-Trichloropropane	11.14	75	121721	21.45	ug/l	# 37
78) n-propylbenzene	11.36	91	78097	3.70	ug/l	# 99
79) 2-Chlorotoluene	11.43	91	35402	2.73	ug/l	# 39
80) 1,3,5-Trimethylbenzene	11.51	105	130362	8.59	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	11.14	75	121721	69.58	ug/l	# 10

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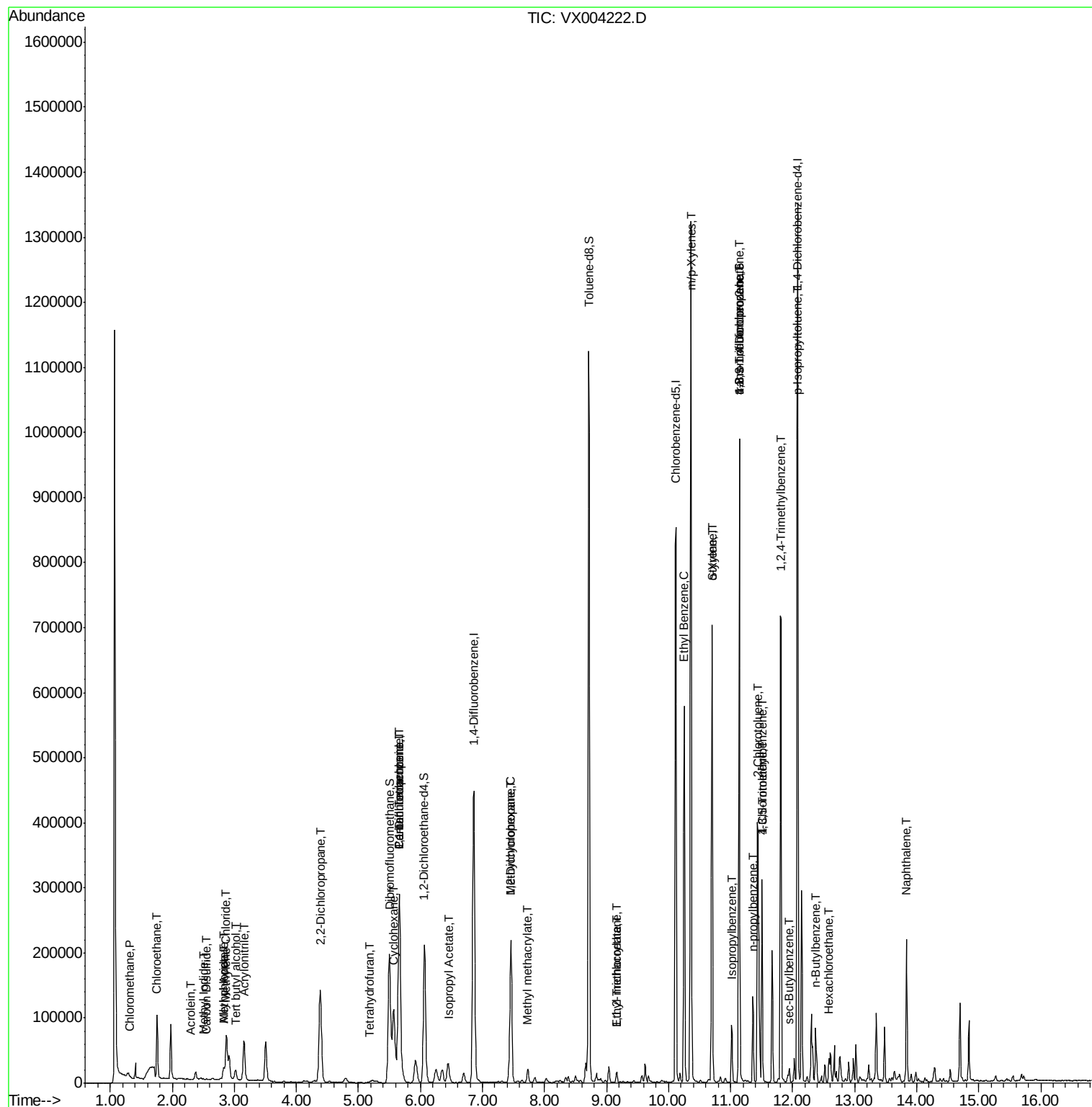
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 4-Chlorotoluene	11.51	91	14042	0.92	ug/l #	45
84) 1,2,4-Trimethylbenzene	11.81	105	333191	21.38	ug/l	99
85) sec-Butylbenzene	11.94	105	10877	0.60	ug/l	98
86) p-Isopropyltoluene	12.07	119	9993	0.61	ug/l	89
89) n-Butylbenzene	12.38	91	12838	0.97	ug/l #	27
90) Hexachloroethane	12.59	117	1874	0.83	ug/l #	3
94) Hexachlorobutadiene	13.78	225	179	Below	Cal	97
95) Naphthalene	13.83	128	134369	7.38	ug/l	99

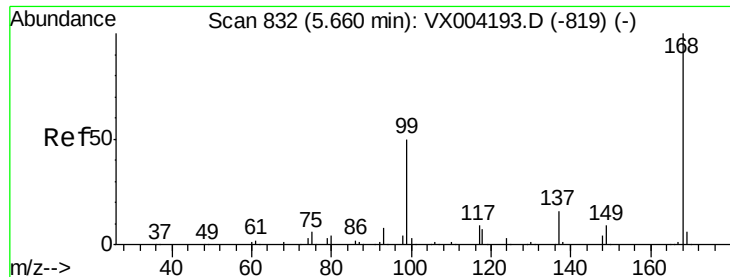
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.00 min

Lab File: VX004222.D

Acq: 23 Aug 2018 13:14

Instrument :

MSVOA_X

ClientSampleId :

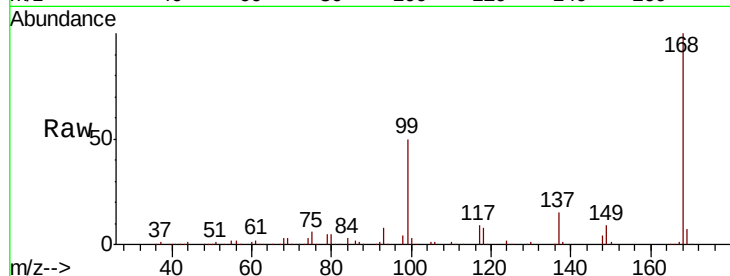
FL-0548DL

Tot Ion:168 Resp: 300976

Ion Ratio Lower Upper

168 100

99 49.7 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

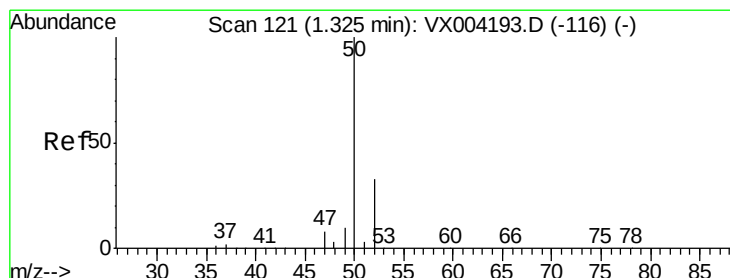
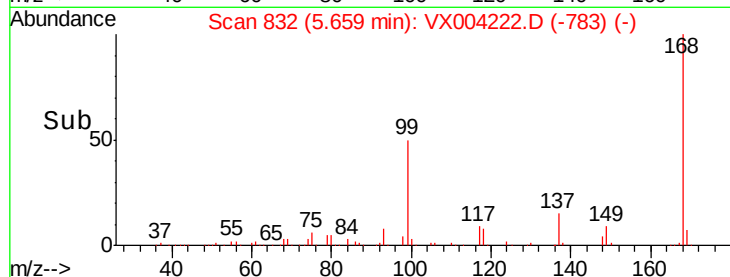
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.67 ug/l

RT: 1.32 min Scan# 120

Delta R.T. -0.01 min

Lab File: VX004222.D

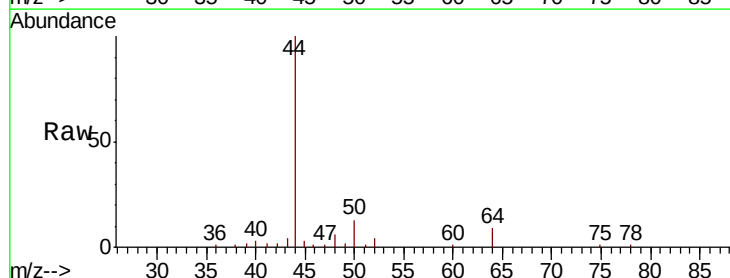
Acq: 23 Aug 2018 13:14

Tgt Ion: 50 Resp: 1470

Ion Ratio Lower Upper

50 100

52 28.0 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

1000

800

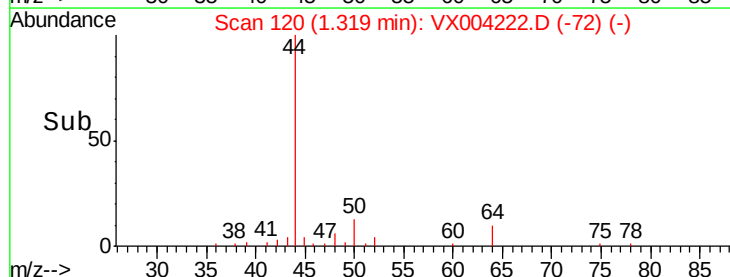
600

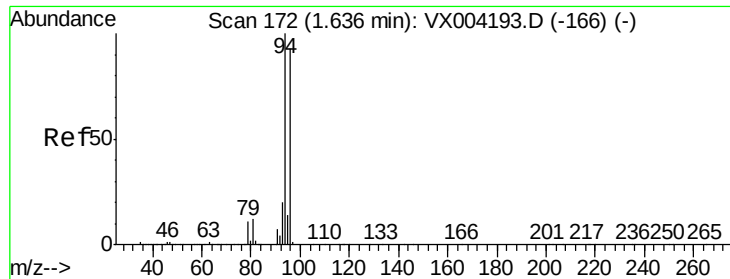
400

200

0

Time--> 1.25 1.30 1.35 1.40





#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX004222.D

Acq: 23 Aug 2018 13:14

Instrument :

MSVOA_X

ClientSampled :

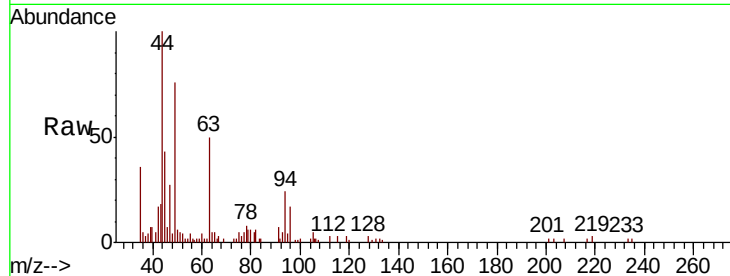
FL-0548DL

Tot Ion: 94 Resp: 1345

Ion Ratio Lower Upper

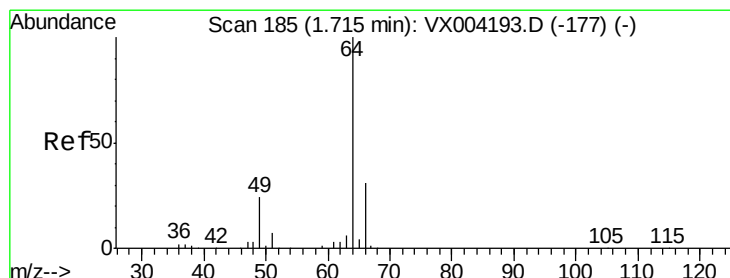
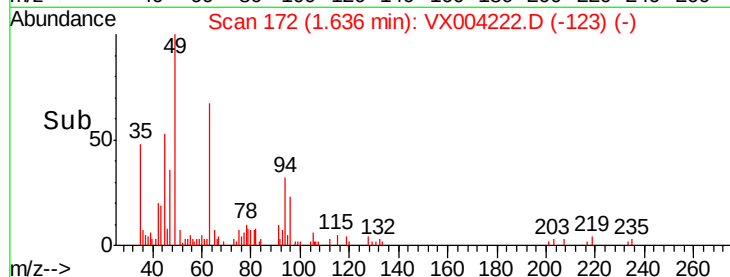
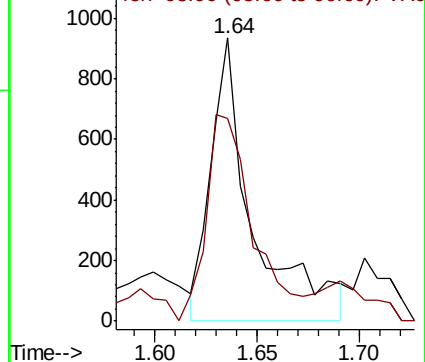
94 100

96 69.2 74.5 111.7#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 1.96 ug/l

RT: 1.74 min Scan# 189

Delta R.T. 0.02 min

Lab File: VX004222.D

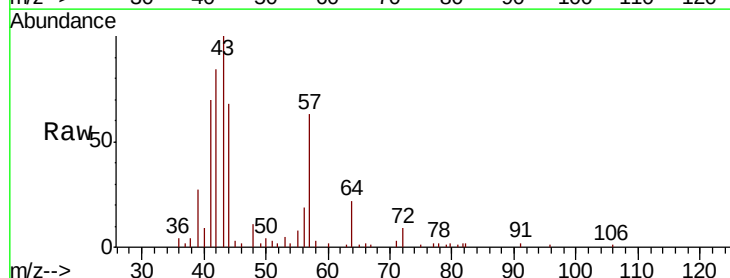
Acq: 23 Aug 2018 13:14

Tgt Ion: 64 Resp: 3150

Ion Ratio Lower Upper

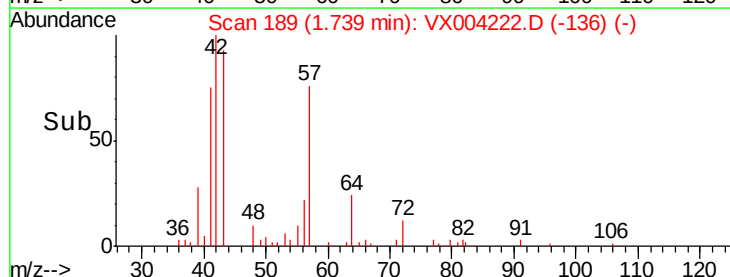
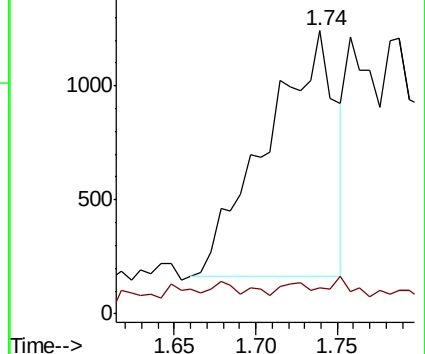
64 100

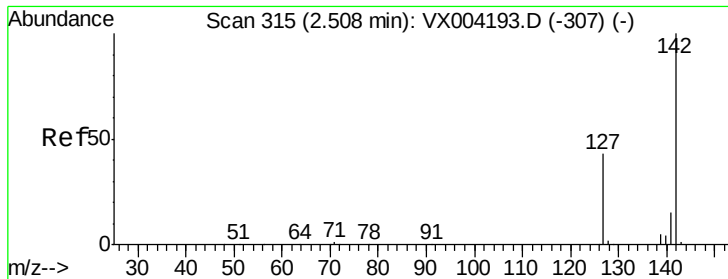
66 0.6 24.6 36.8#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

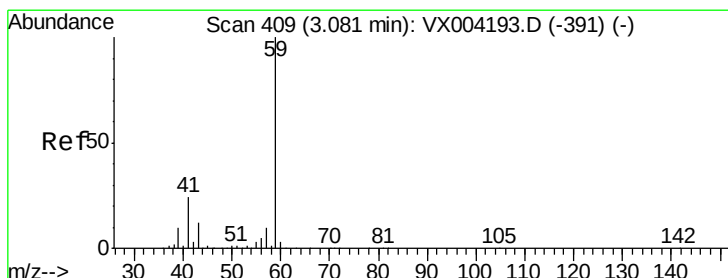
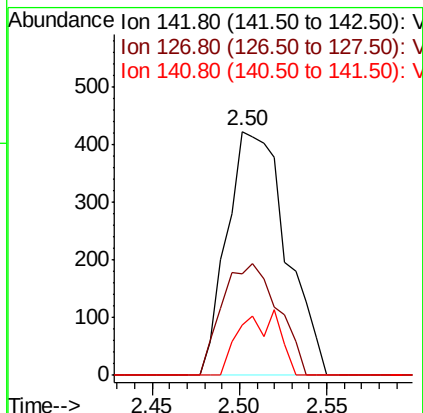
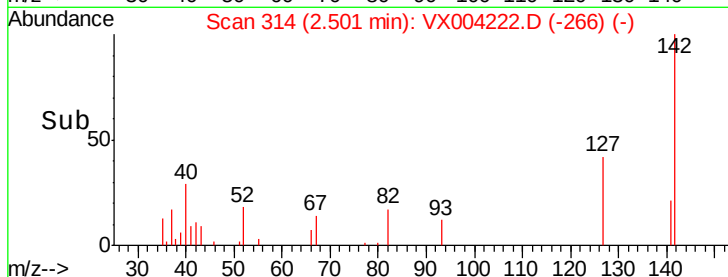
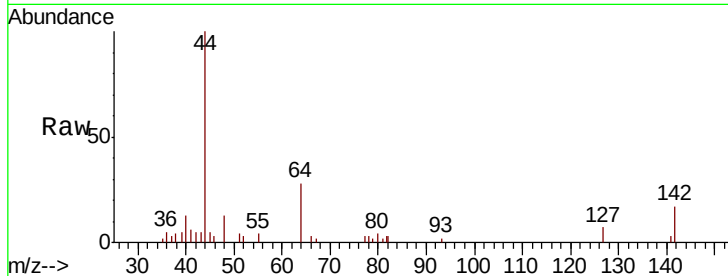




#10
Methyl Iodide
Concen: 4.50 ug/l
RT: 2.50 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX004222.D
Acq: 23 Aug 2018 13:14

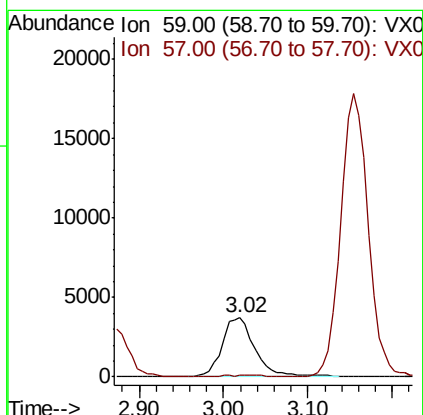
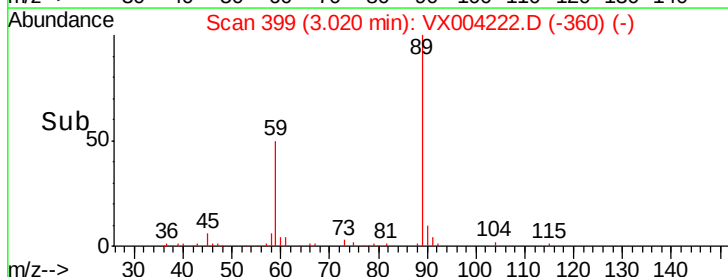
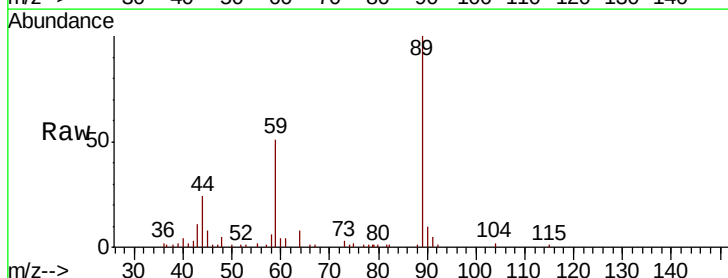
Instrument :
MSVOA_X
ClientSampled :
FL-0548DL

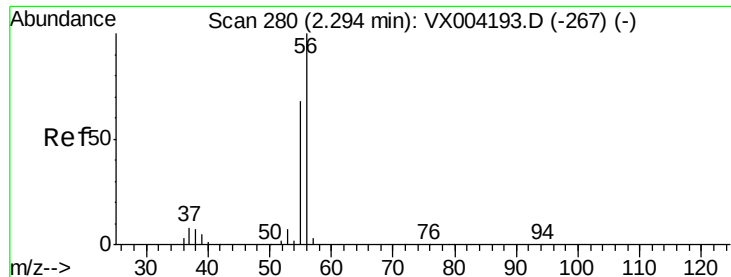
Tot Ion:142 Resp: 998
Ion Ratio Lower Upper
142 100
127 43.1 33.8 50.6
141 17.7 11.4 17.0#



#11
Tert butyl alcohol
Concen: 12.02 ug/l
RT: 3.02 min Scan# 399
Delta R.T. -0.06 min
Lab File: VX004222.D
Acq: 23 Aug 2018 13:14

Tgt Ion: 59 Resp: 10047
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#





#13

Acrolein

Concen: 0.78 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX004222.D

Acq: 23 Aug 2018 13:14

Instrument :

MSVOA_X

ClientSampled :

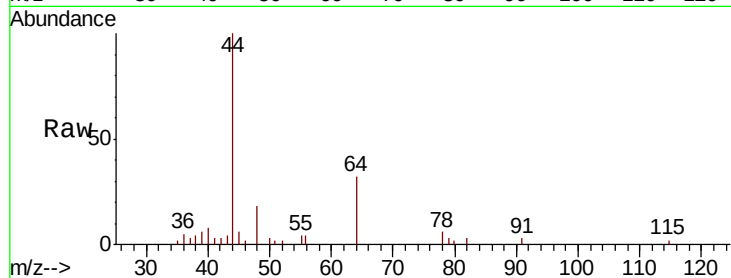
FL-0548DL

Tot Ion: 56 Resp: 157

Ion Ratio Lower Upper

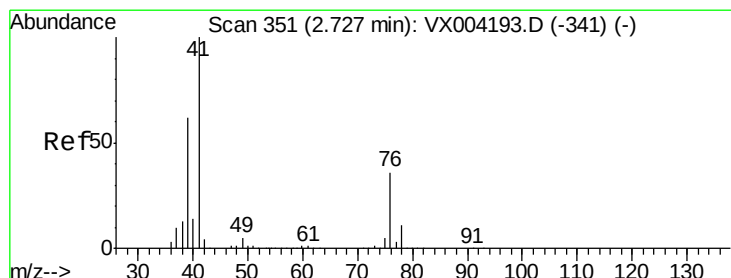
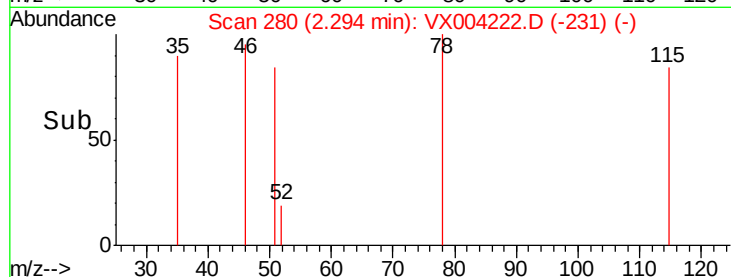
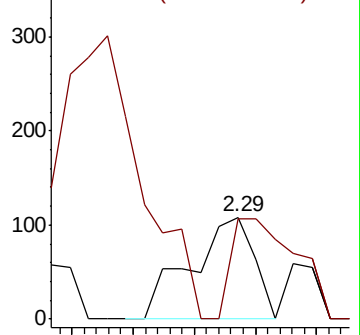
56 100

55 100.6 54.7 82.1#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 0.80 ug/l

RT: 2.82 min Scan# 367

Delta R.T. 0.10 min

Lab File: VX004222.D

Acq: 23 Aug 2018 13:14

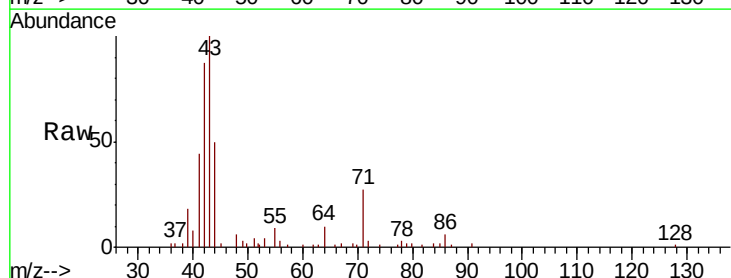
Tgt Ion: 41 Resp: 4671

Ion Ratio Lower Upper

41 100

39 33.5 48.9 73.3#

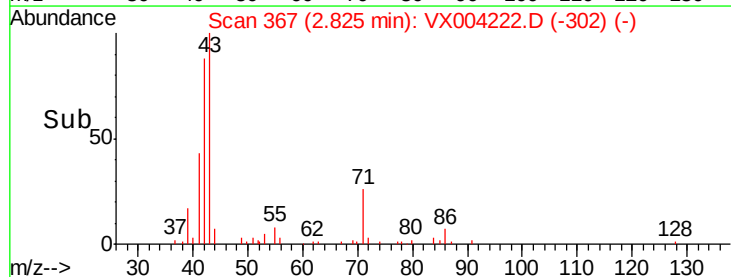
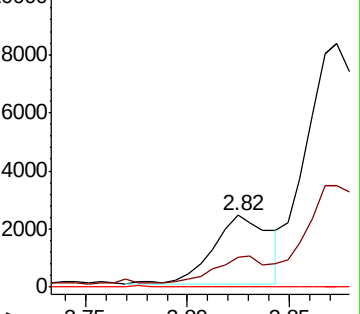
76 0.0 26.7 40.1#

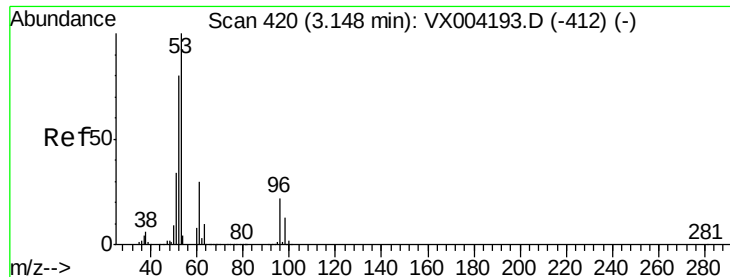


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 0.90 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.01 min

Lab File: VX004222.D

Acq: 23 Aug 2018 13:14

Instrument :

MSVOA_X

ClientSampled :

FL-0548DL

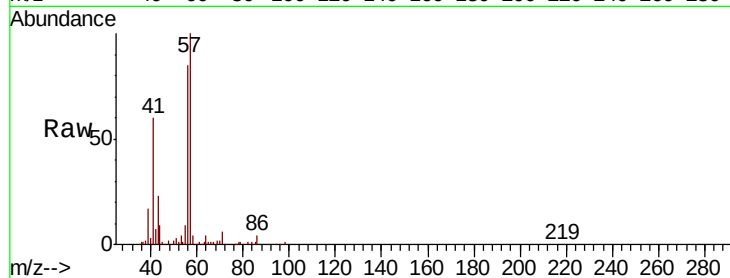
Tot Ion: 53 Resp: 1855

Ion Ratio Lower Upper

53 100

52 34.8 65.2 97.8#

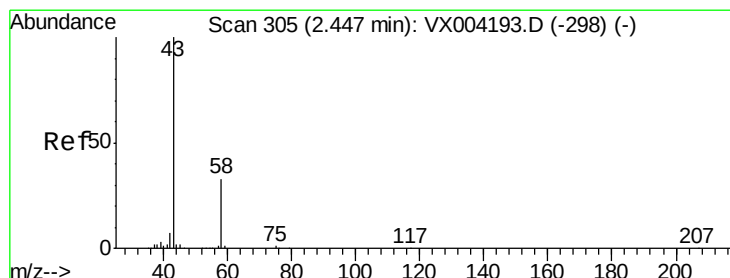
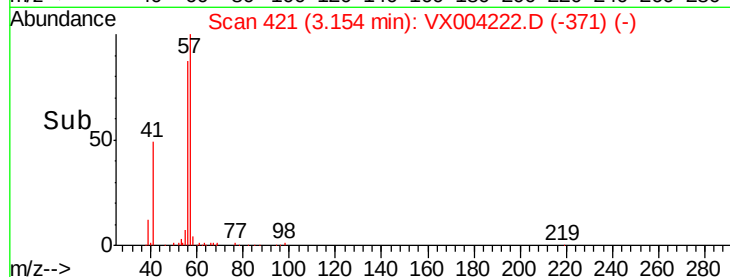
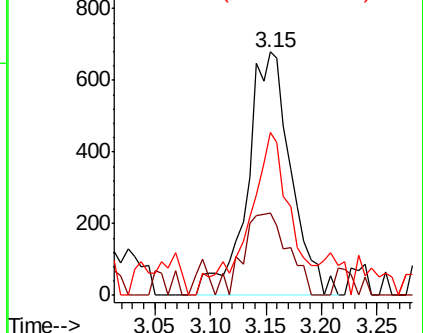
51 62.7 28.2 42.2#



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: Below Cal

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX004222.D

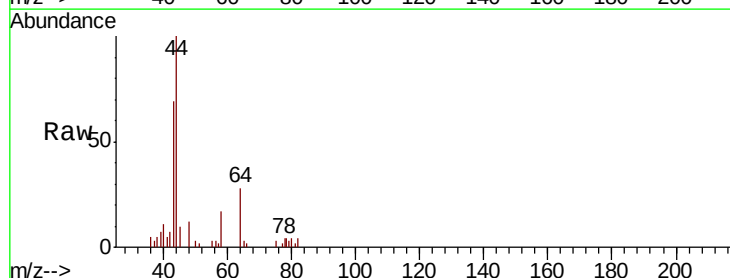
Acq: 23 Aug 2018 13:14

Tgt Ion: 43 Resp: 2515

Ion Ratio Lower Upper

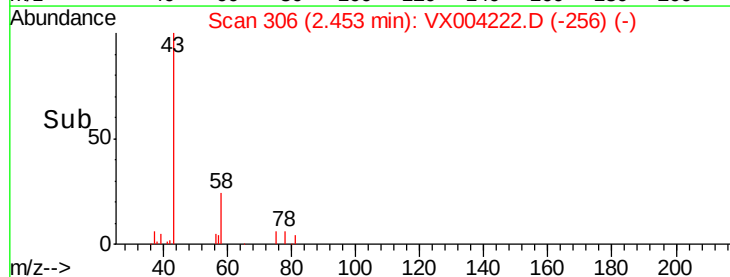
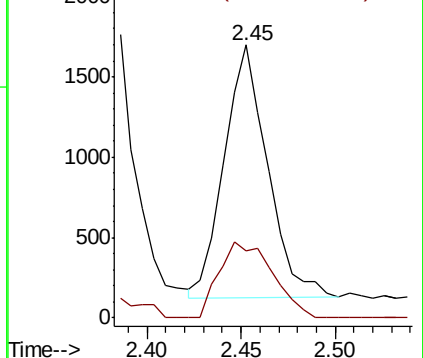
43 100

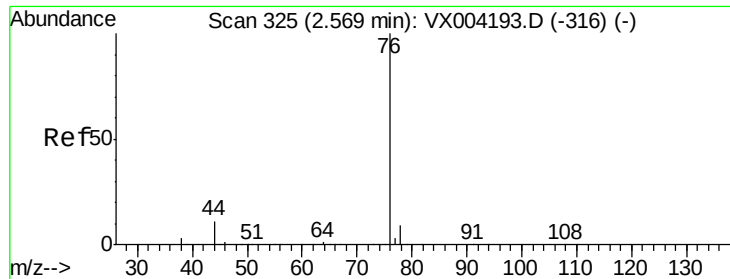
58 26.6 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

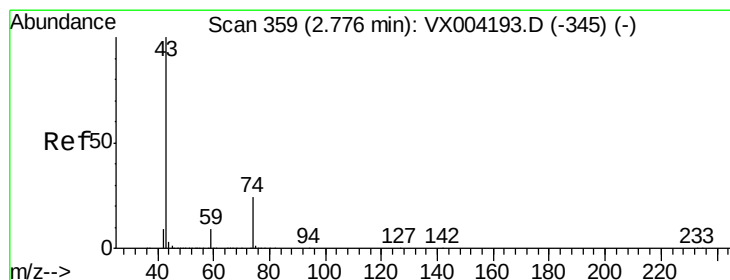
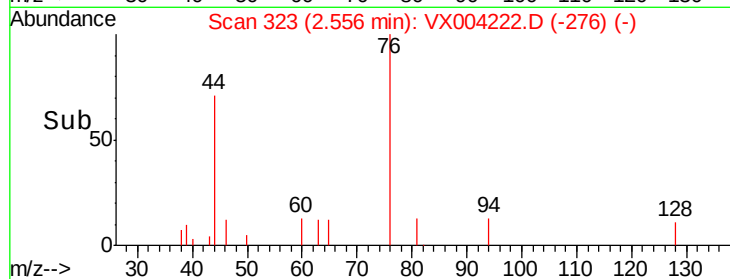
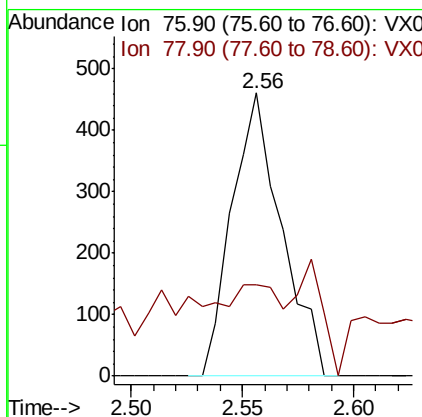
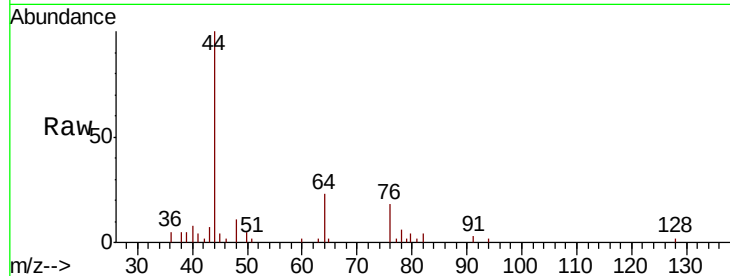




#17
Carbon Disulfide
Concen: 0.88 ug/l
RT: 2.56 min Scan# 323
Delta R.T. -0.01 min
Lab File: VX004222.D
Acq: 23 Aug 2018 13:14

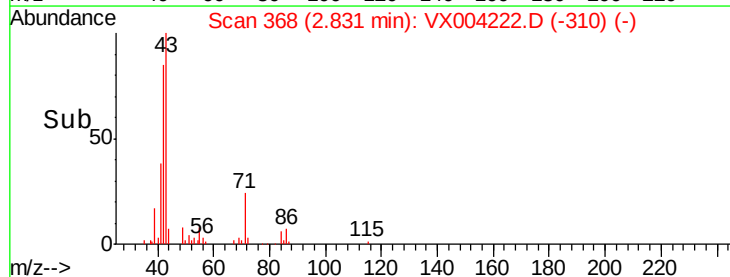
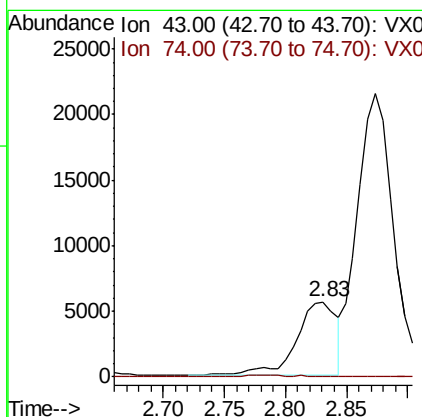
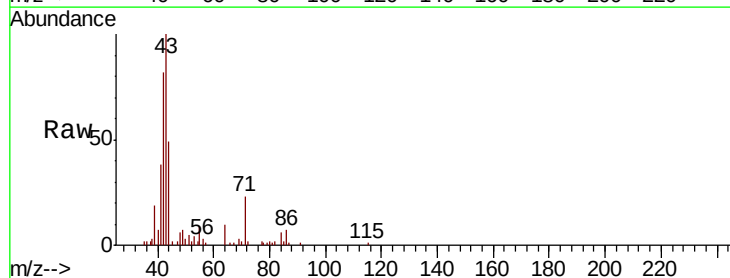
Instrument :
MSVOA_X
ClientSampled :
FL-0548DL

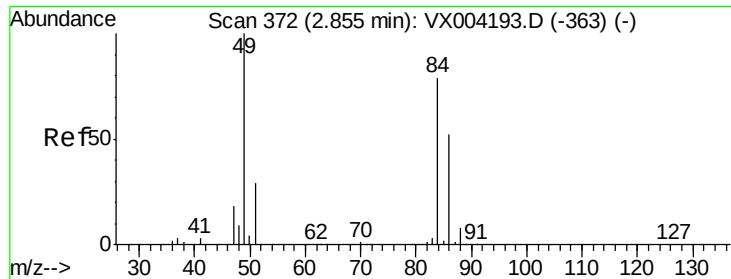
Tot Ion: 76 Resp: 713
Ion Ratio Lower Upper
76 100
78 32.3 7.0 10.6#



#18
Methyl Acetate
Concen: 2.24 ug/l
RT: 2.83 min Scan# 368
Delta R.T. 0.05 min
Lab File: VX004222.D
Acq: 23 Aug 2018 13:14

Tgt Ion: 43 Resp: 13037
Ion Ratio Lower Upper
43 100
74 0.6 19.4 29.2#





#20

Methylene Chloride

Concen: 0.64 ug/l

RT: 2.86 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX004222.D

Acq: 23 Aug 2018 13:14

Instrument :

MSVOA_X

ClientSampleID :

FL-0548DL

Tot Ion: 84 Resp: 2416

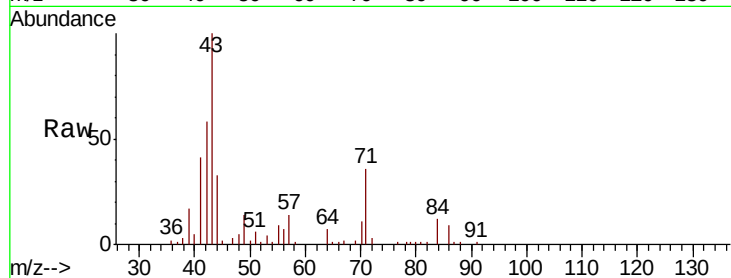
Ion Ratio Lower Upper

84 100

49 111.9 101.2 151.8

51 38.1 29.5 44.3

86 57.4 52.3 78.5

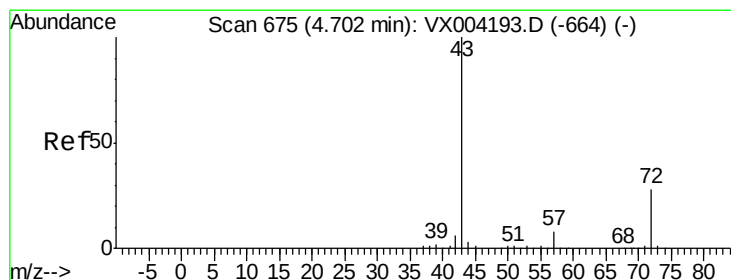
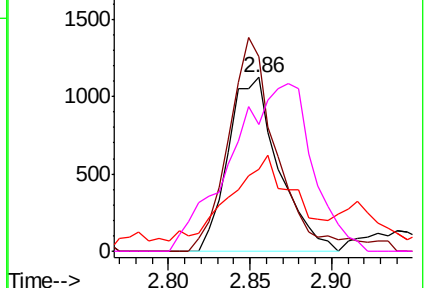
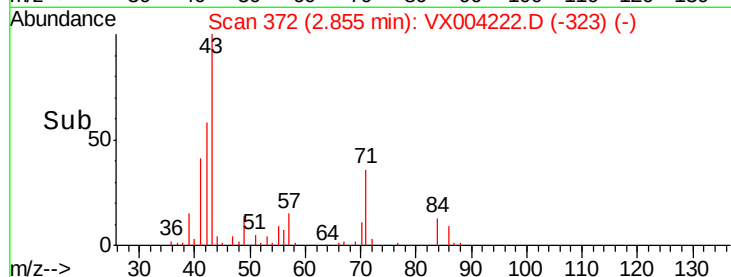


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#25

2-Butanone

Concen: Below Cal

RT: 4.71 min Scan# 676

Delta R.T. 0.01 min

Lab File: VX004222.D

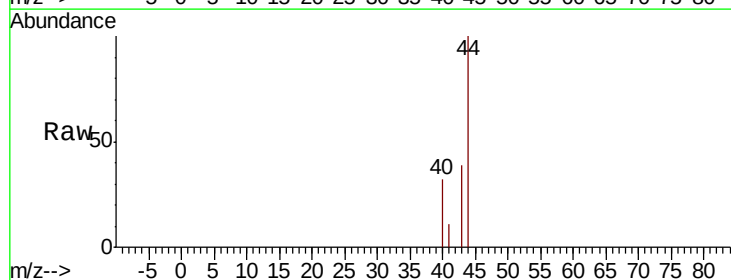
Acq: 23 Aug 2018 13:14

Tgt Ion: 43 Resp: 530

Ion Ratio Lower Upper

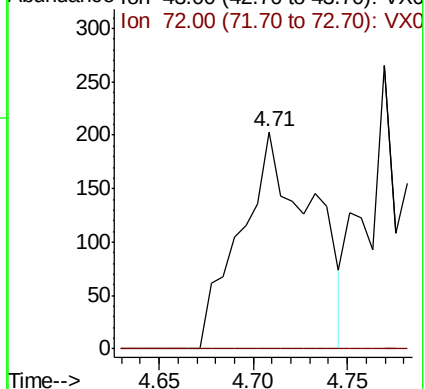
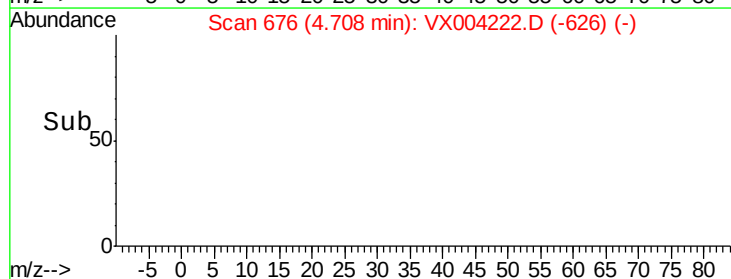
43 100

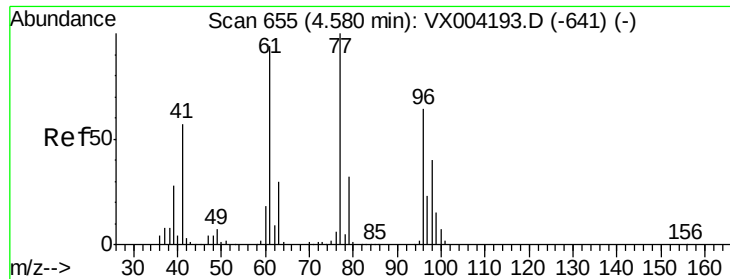
72 0.0 22.0 33.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

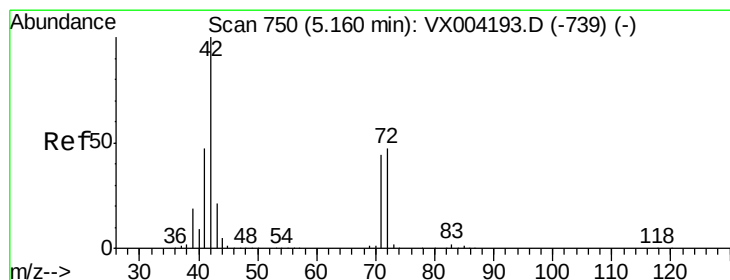
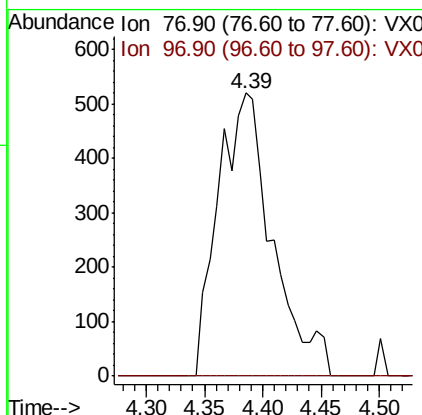
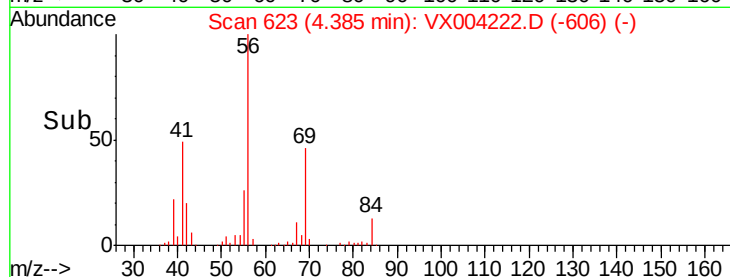
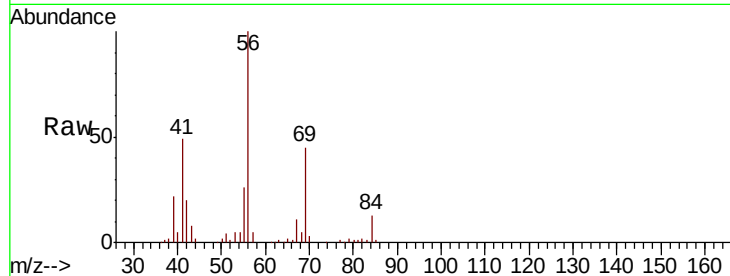




#26
 2,2-Dichloropropane
 Concen: 0.34 ug/l
 RT: 4.39 min Scan# 623
 Delta R.T. -0.20 min
 Lab File: VX004222.D
 Acq: 23 Aug 2018 13:14

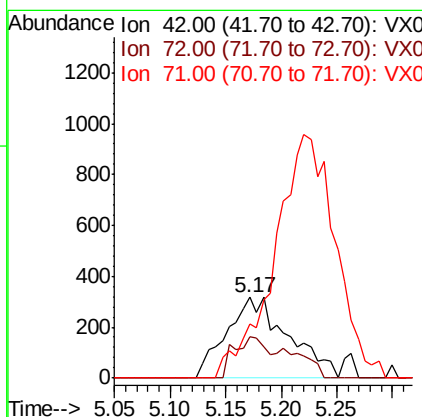
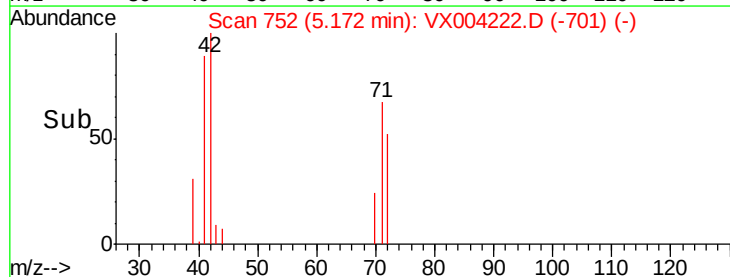
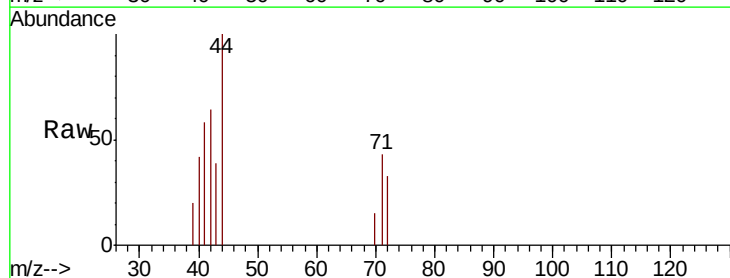
Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0548DL

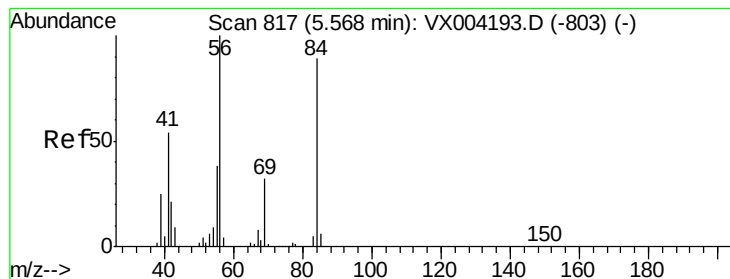
Tot Ion: 77 Resp: 1678
 Ion Ratio Lower Upper
 77 100
 97 0.0 11.7 35.0#



#29
 Tetrahydrofuran
 Concen: 0.73 ug/l
 RT: 5.17 min Scan# 752
 Delta R.T. 0.01 min
 Lab File: VX004222.D
 Acq: 23 Aug 2018 13:14

Tgt Ion: 42 Resp: 1224
 Ion Ratio Lower Upper
 42 100
 72 29.6 37.4 56.0#
 71 0.0 34.5 51.7#





#31

Cyclohexane

Concen: 13.26 ug/l

RT: 5.57 min Scan# 817

Delta R.T. -0.00 min

Lab File: VX004222.D

Acq: 23 Aug 2018 13:14

Instrument :

MSVOA_X

ClientSampleId :

FL-0548DL

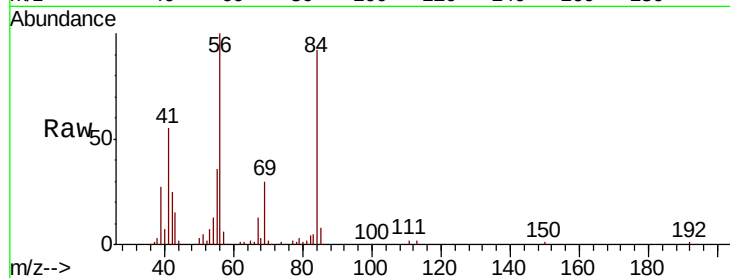
Tot Ion: 56 Resp: 72928

Ion Ratio Lower Upper

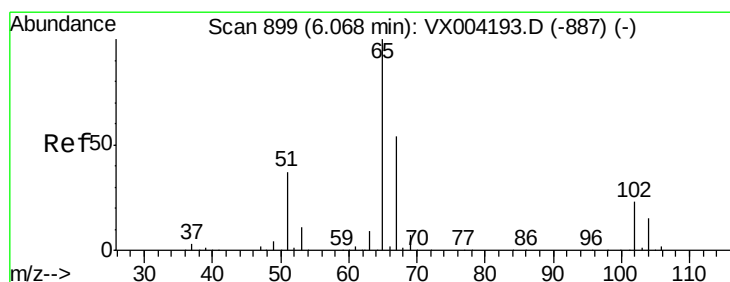
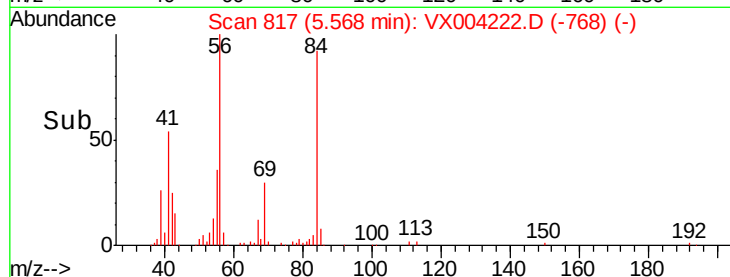
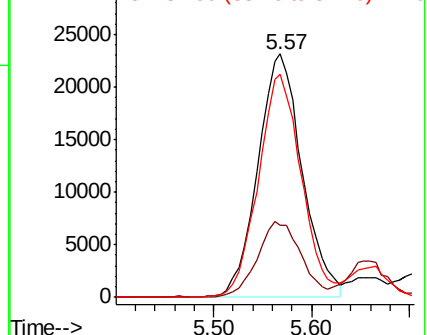
56 100

69 29.7 25.4 38.2

84 91.6 71.4 107.2



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 50.71 ug/l

RT: 6.06 min Scan# 898

Delta R.T. -0.01 min

Lab File: VX004222.D

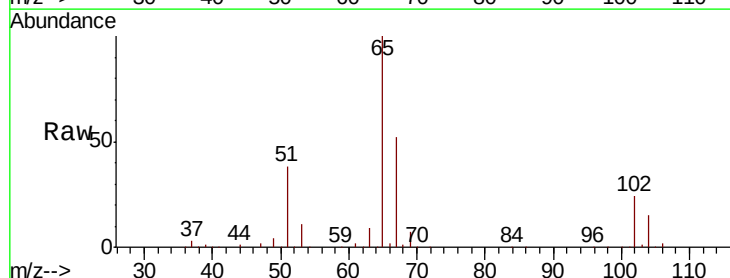
Acq: 23 Aug 2018 13:14

Tgt Ion: 65 Resp: 198937

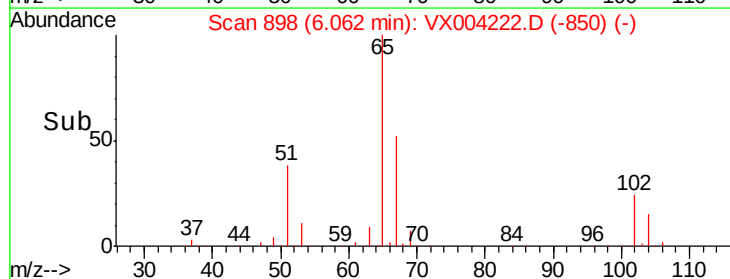
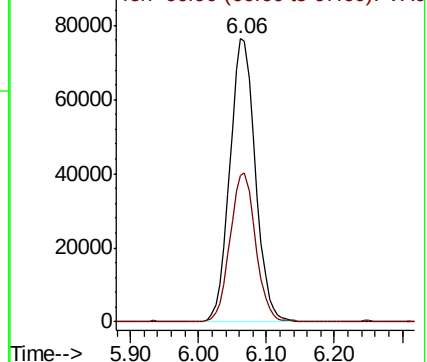
Ion Ratio Lower Upper

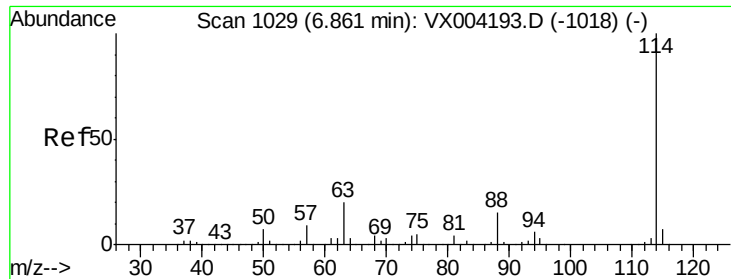
65 100

67 52.7 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

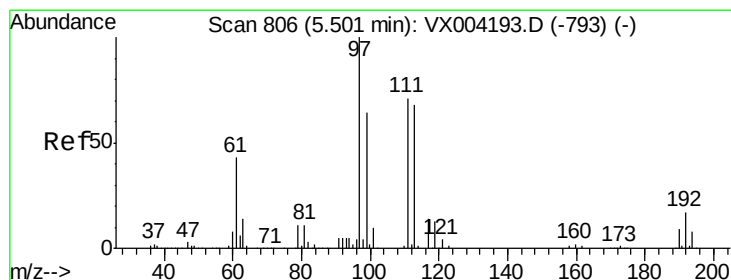
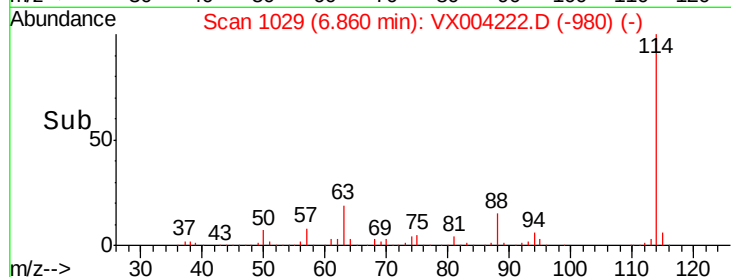
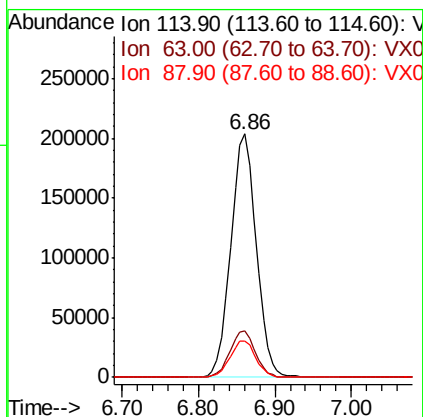
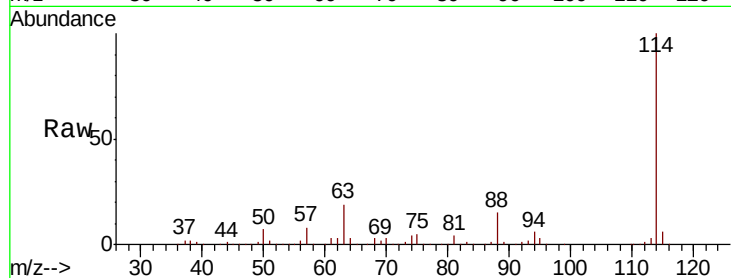




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: VX004222.D
 Acq: 23 Aug 2018 13:14

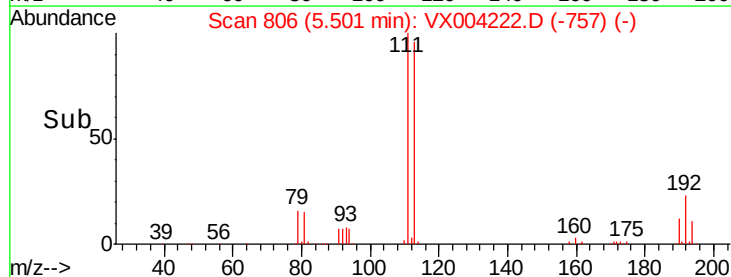
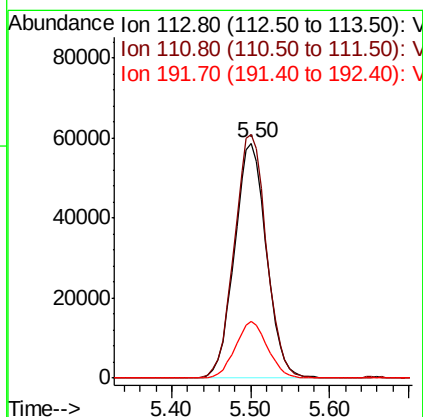
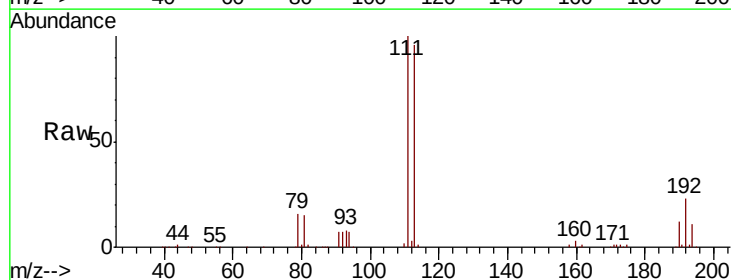
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0548DL

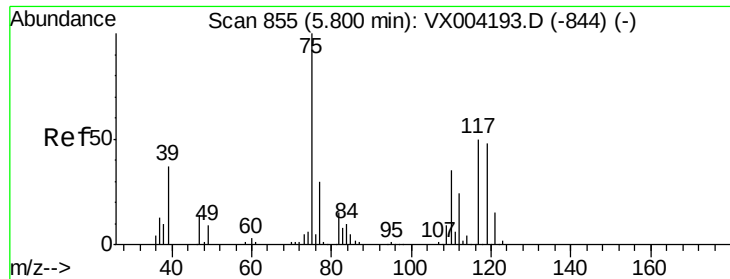
Tot Ion:114 Resp: 470422
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 39.0
 88 14.7 0.0 30.4



#35
 Dibromofluoromethane
 Concen: 47.18 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004222.D
 Acq: 23 Aug 2018 13:14

Tgt Ion:113 Resp: 165107
 Ion Ratio Lower Upper
 113 100
 111 104.5 82.4 123.6
 192 24.1 19.4 29.2

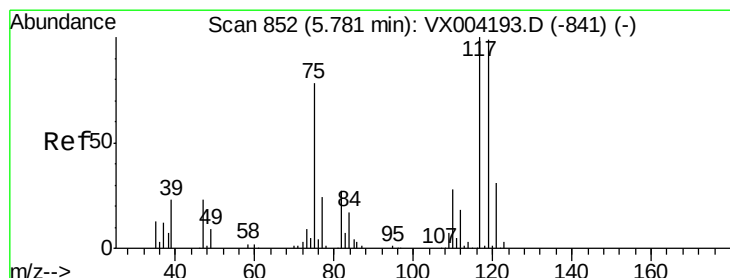
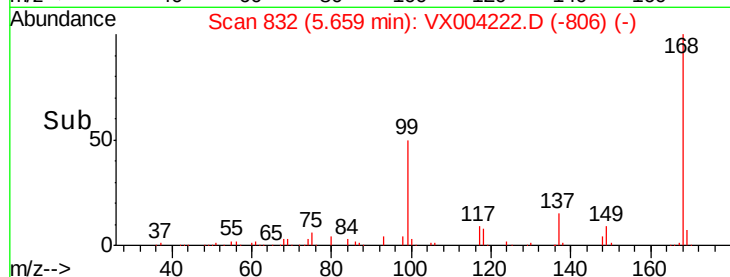
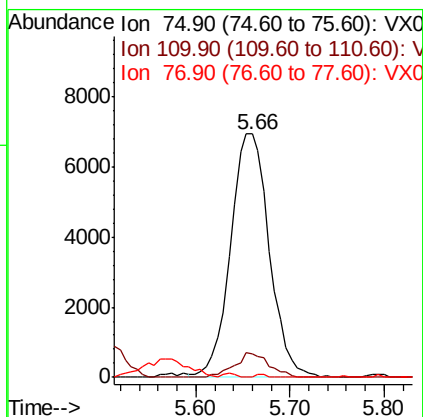
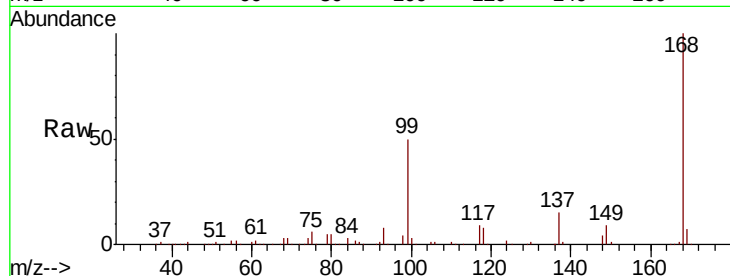




#36
 1,1-Dichloropropene
 Concen: 3.76 ug/l
 RT: 5.66 min Scan# 832
 Delta R.T. -0.14 min
 Lab File: VX004222.D
 Acq: 23 Aug 2018 13:14

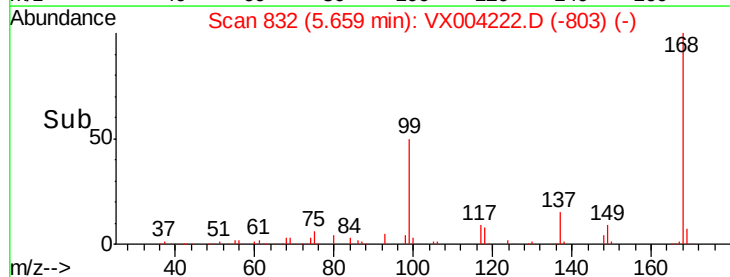
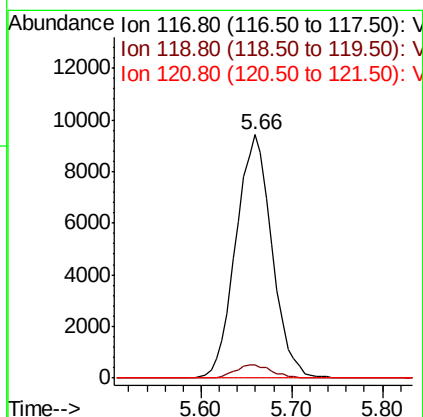
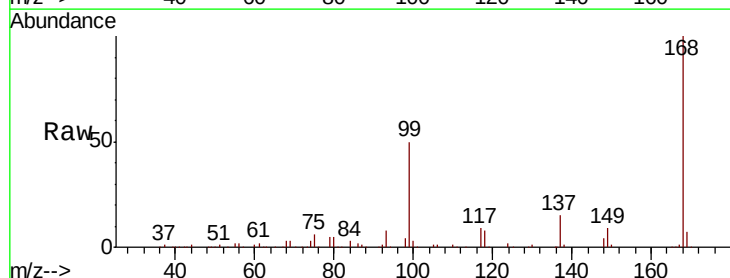
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0548DL

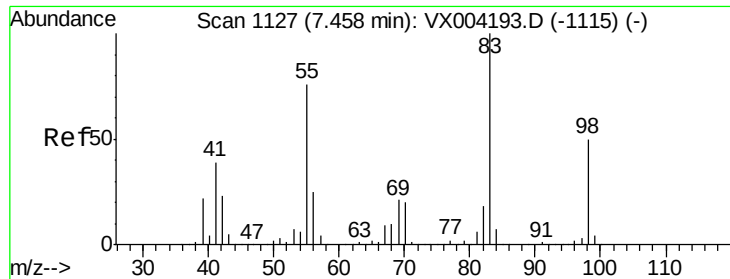
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.0	18.0	54.0#
77	0.3	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 5.22 ug/l
 RT: 5.66 min Scan# 832
 Delta R.T. -0.12 min
 Lab File: VX004222.D
 Acq: 23 Aug 2018 13:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.5	78.8	118.2#
121	0.0	24.9	37.3#

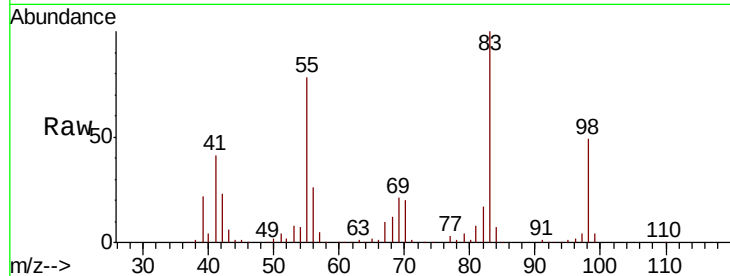




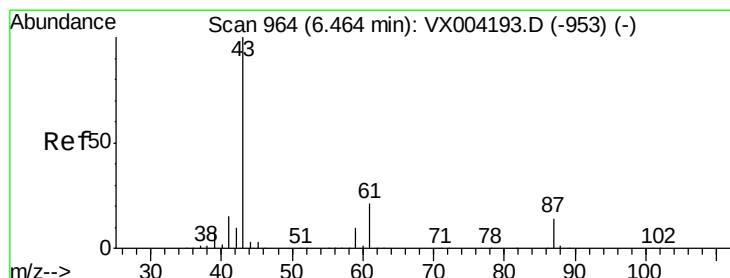
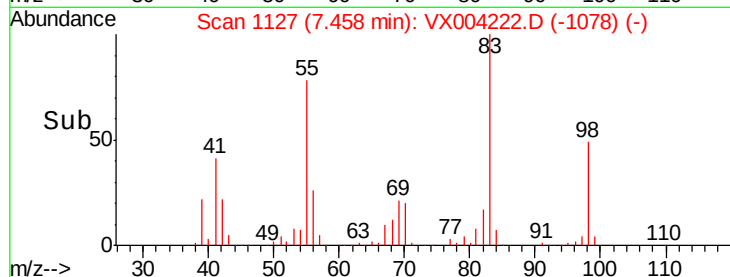
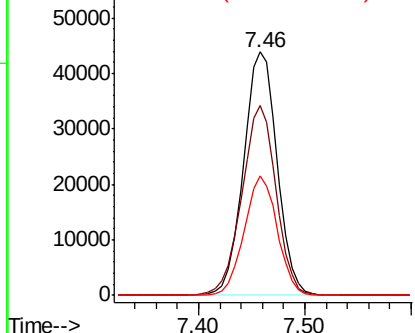
#39
Methylvlcyclohexane
Concen: 16.08 ug/l
RT: 7.46 min Scan# 1127
Delta R.T. -0.00 min
Lab File: VX004222.D
Acq: 23 Aug 2018 13:14

Instrument :
MSVOA_X
ClientSampled :
FL-0548DL

Tot Ion: 83 Resp: 97093
Ion Ratio Lower Upper
83 100
55 77.8 61.0 91.4
98 49.2 39.6 59.4

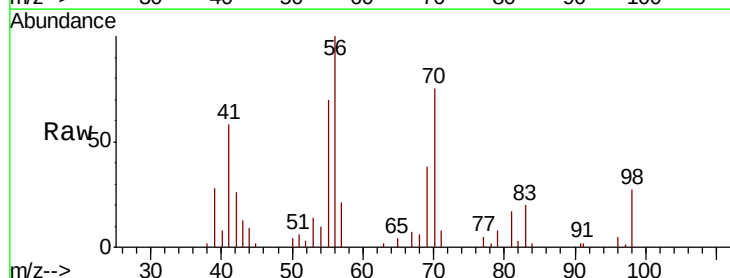


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

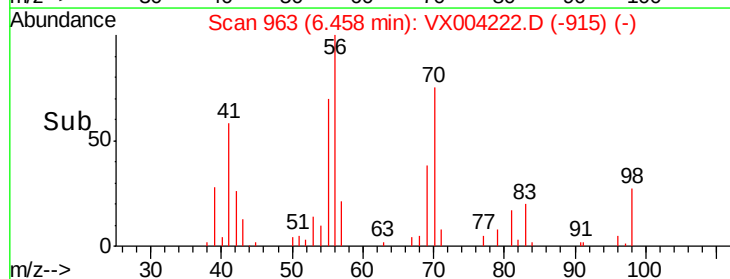
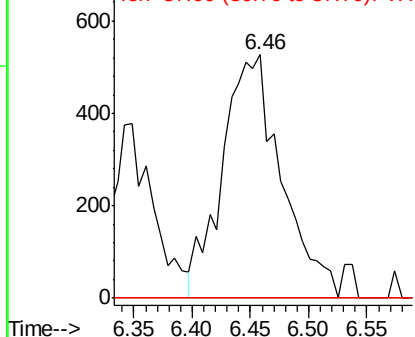


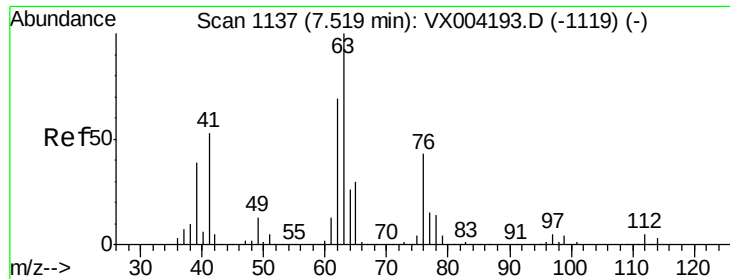
#43
Isopropyl Acetate
Concen: 0.23 ug/l
RT: 6.46 min Scan# 963
Delta R.T. -0.01 min
Lab File: VX004222.D
Acq: 23 Aug 2018 13:14

Tgt Ion: 43 Resp: 1856
Ion Ratio Lower Upper
43 100
61 0.0 17.0 25.4#
87 0.0 11.4 17.2#



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

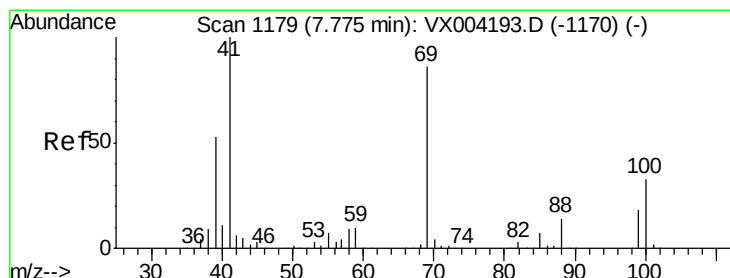
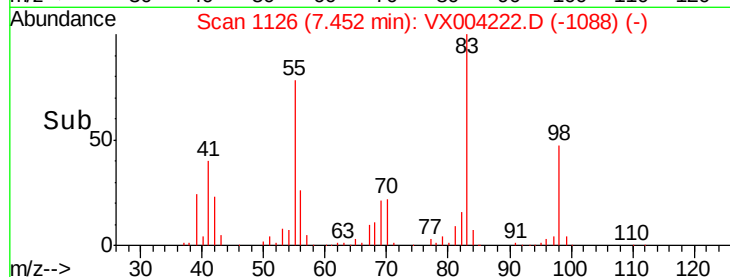
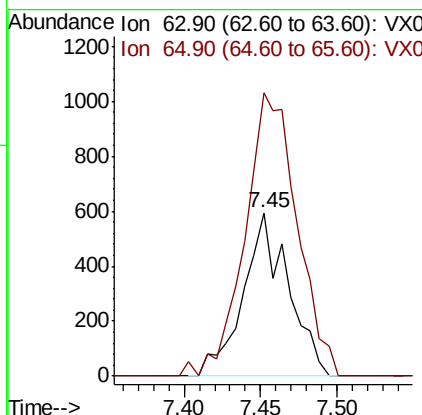
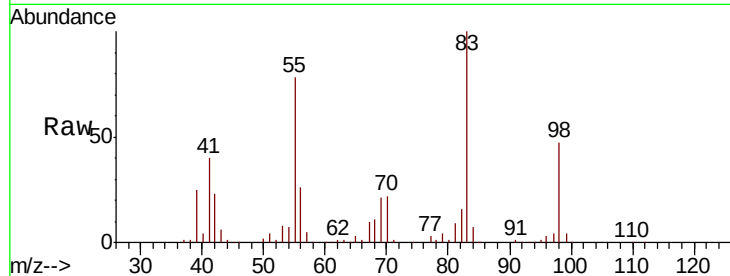




#45
 1,2-Dichloropropane
 Concen: 0.31 ug/l
 RT: 7.45 min Scan# 1126
 Delta R.T. -0.07 min
 Lab File: VX004222.D
 Acq: 23 Aug 2018 13:14

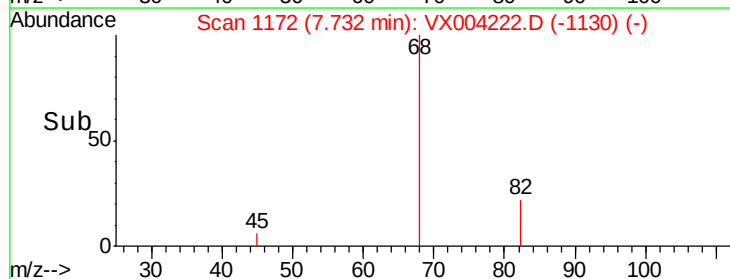
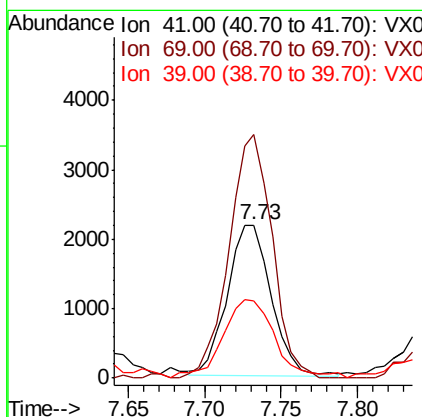
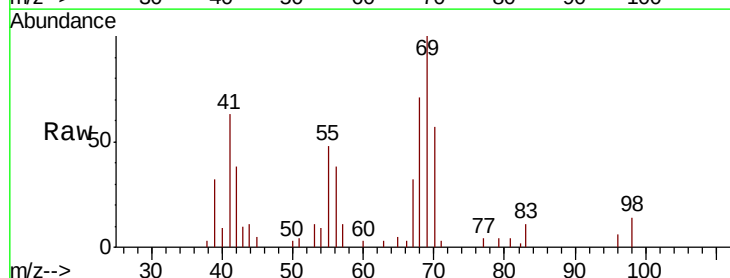
Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0548DL

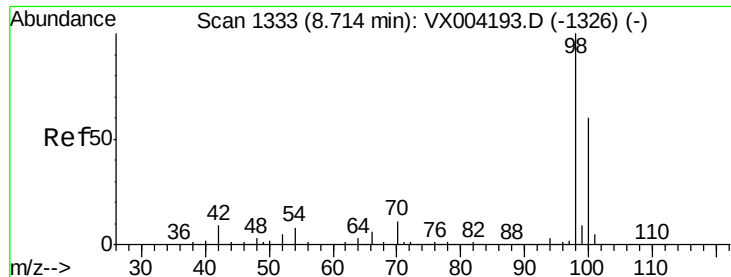
Tot Ion: 63 Resp: 1220
 Ion Ratio Lower Upper
 63 100
 65 173.1 24.3 36.5#



#48
 Methyl methacrylate
 Concen: 1.02 ug/l
 RT: 7.73 min Scan# 1172
 Delta R.T. -0.04 min
 Lab File: VX004222.D
 Acq: 23 Aug 2018 13:14

Tgt Ion: 41 Resp: 4347
 Ion Ratio Lower Upper
 41 100
 69 157.8 70.2 105.4#
 39 61.4 42.7 64.1

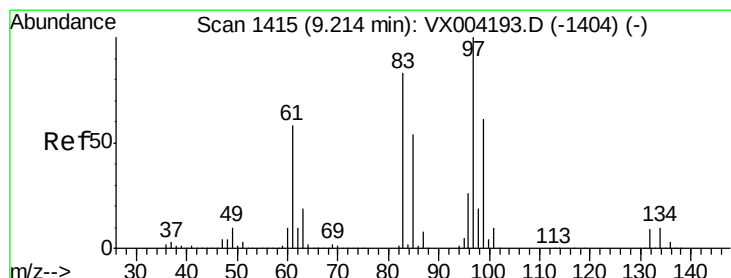
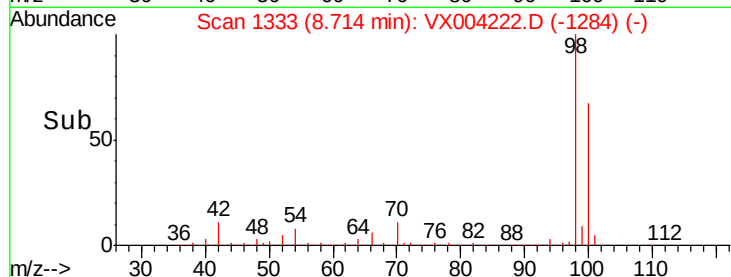
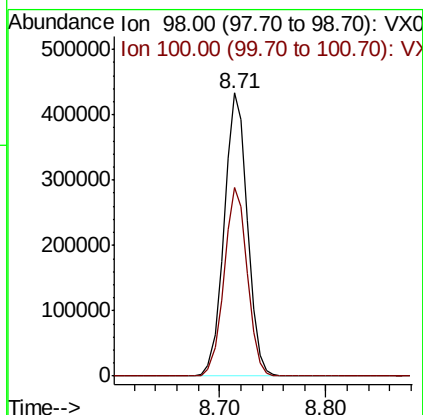
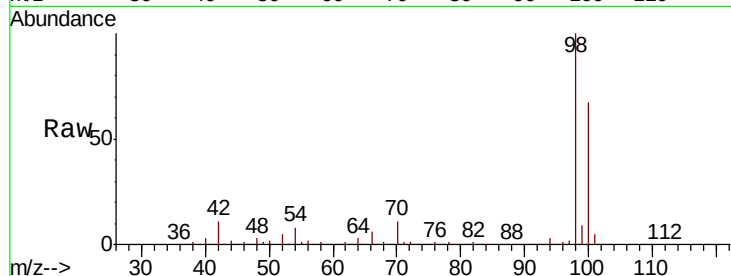




#50
Toluene-d8
Concen: 49.86 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. -0.00 min
Lab File: VX004222.D
Acq: 23 Aug 2018 13:14

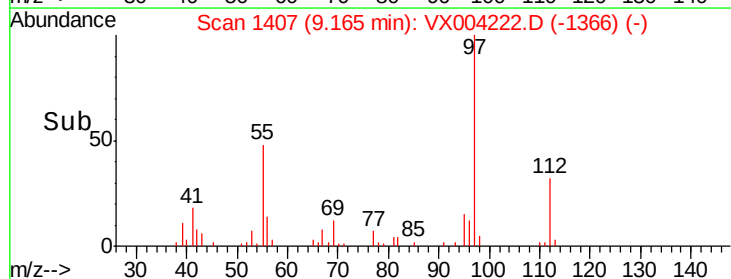
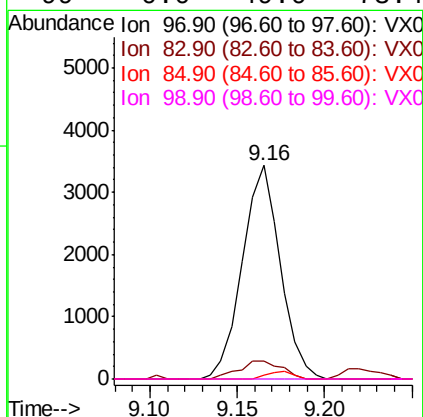
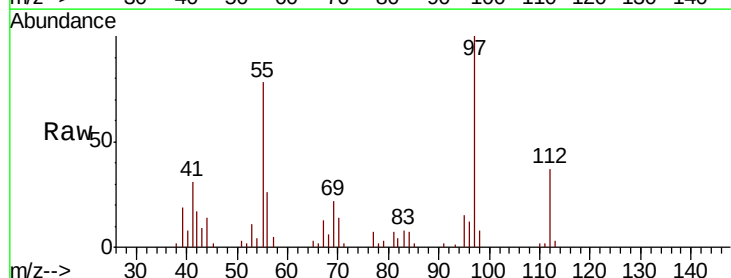
Instrument :
MSVOA_X
ClientSampleId :
FL-0548DL

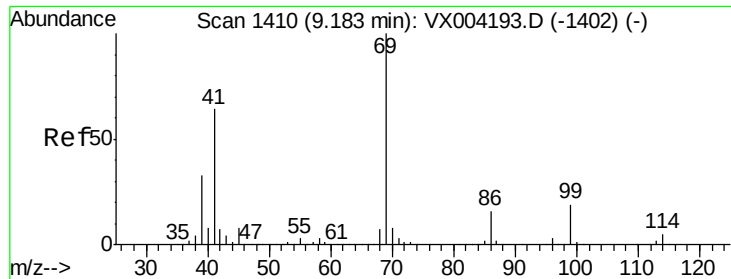
Tot Ion: 98 Resp: 658621
Ion Ratio Lower Upper
98 100
100 66.6 52.9 79.3



#55
1,1,2-Trichloroethane
Concen: 1.31 ug/l
RT: 9.16 min Scan# 1407
Delta R.T. -0.05 min
Lab File: VX004222.D
Acq: 23 Aug 2018 13:14

Tgt Ion: 97 Resp: 5214
Ion Ratio Lower Upper
97 100
83 8.2 66.4 99.6#
85 2.0 43.3 64.9#
99 0.0 49.0 73.4#

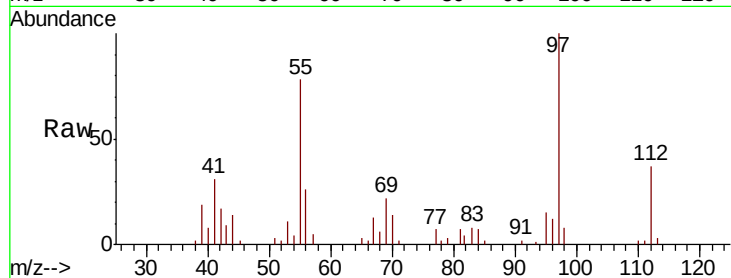




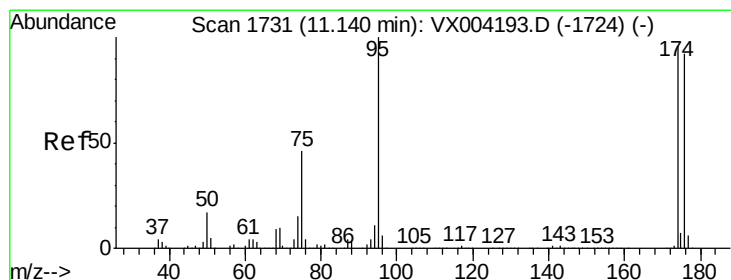
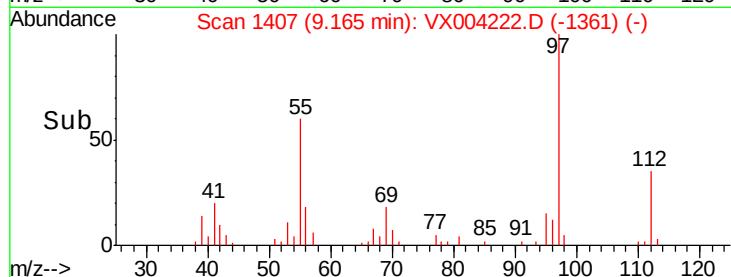
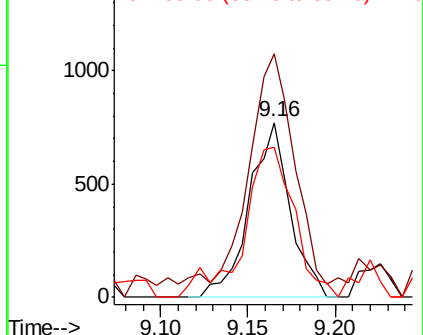
#56
Ethyl methacrylate
Concen: 0.23 ug/l
RT: 9.16 min Scan# 1407
Delta R.T. -0.02 min
Lab File: VX004222.D
Acq: 23 Aug 2018 13:14

Instrument :
MSVOA_X
ClientSampleID :
FL-0548DL

Tot Ion: 69 Resp: 1256
Ion Ratio Lower Upper
69 100
41 142.4 51.0 76.4#
39 98.2 26.1 39.1#

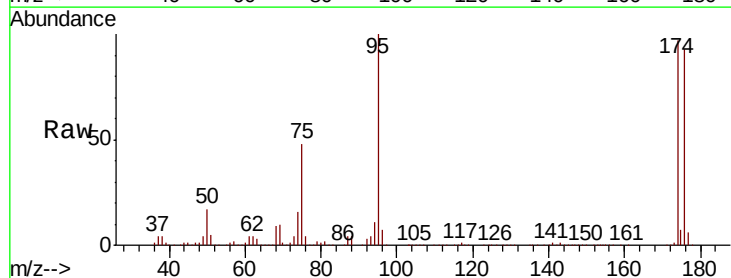


Abundance Ion 69.00 (68.70 to 69.70): VX0
Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

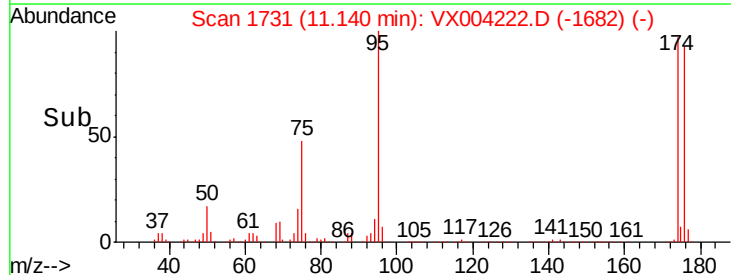
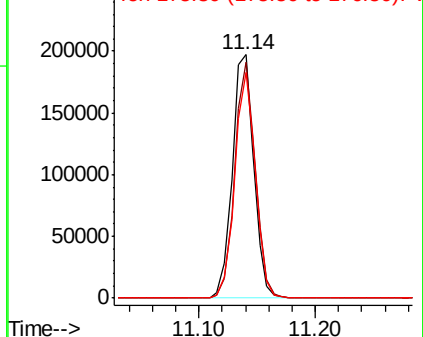


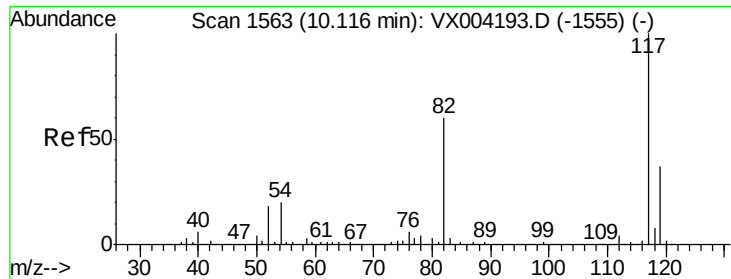
#62
4-Bromofluorobenzene
Concen: 51.66 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX004222.D
Acq: 23 Aug 2018 13:14

Tgt Ion: 95 Resp: 254639
Ion Ratio Lower Upper
95 100
174 92.3 0.0 185.2
176 88.8 0.0 178.6



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

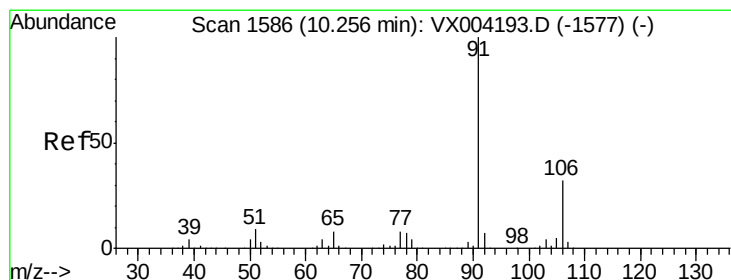
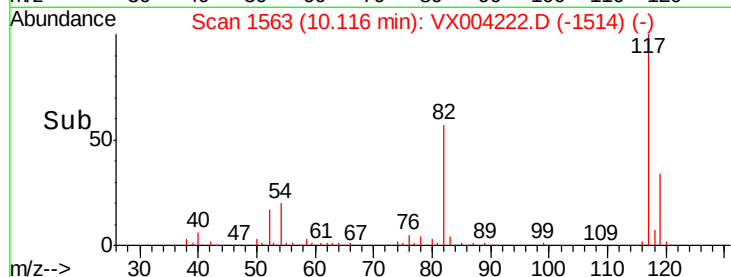
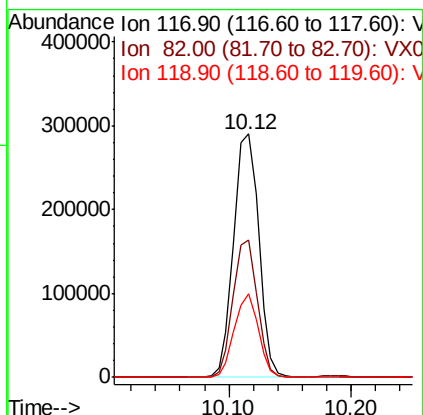
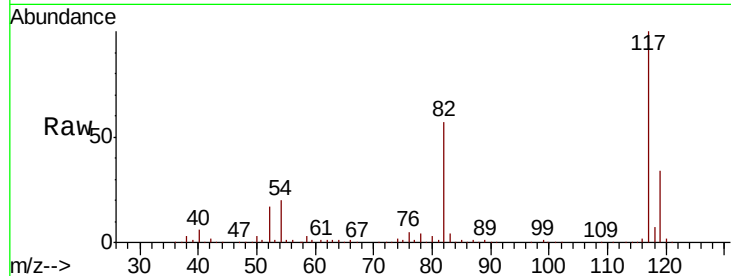




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004222.D
Acq: 23 Aug 2018 13:14

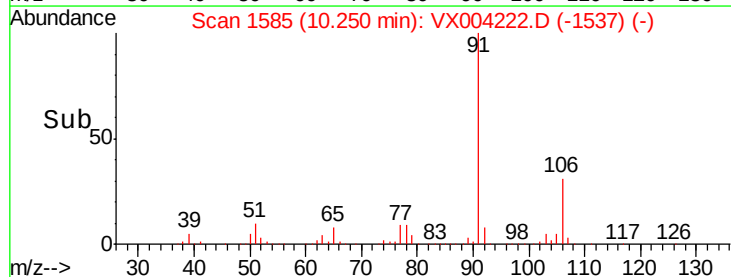
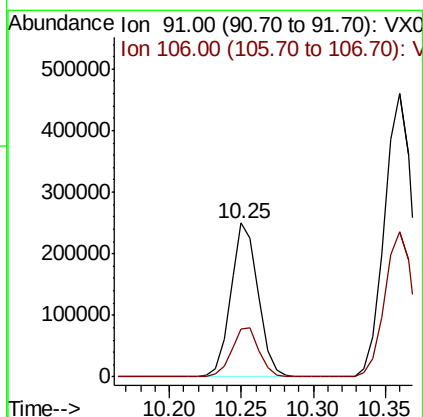
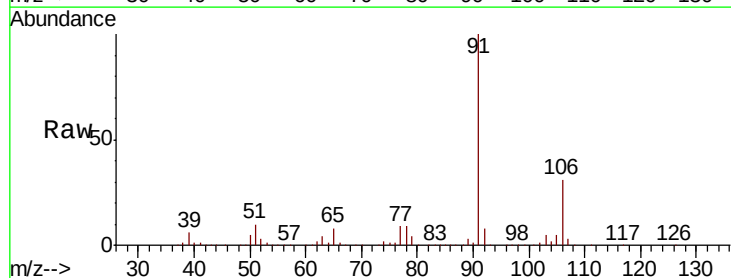
Instrument :
MSVOA_X
ClientSampleId :
FL-0548DL

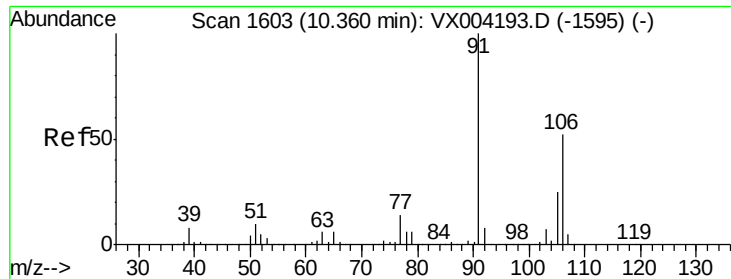
Tot Ion:117 Resp: 412849
Ion Ratio Lower Upper
117 100
82 56.5 47.8 71.6
119 34.4 29.3 43.9



#67
Ethyl Benzene
Concen: 19.71 ug/l
RT: 10.25 min Scan# 1585
Delta R.T. -0.01 min
Lab File: VX004222.D
Acq: 23 Aug 2018 13:14

Tgt Ion: 91 Resp: 331619
Ion Ratio Lower Upper
91 100
106 31.2 25.9 38.9

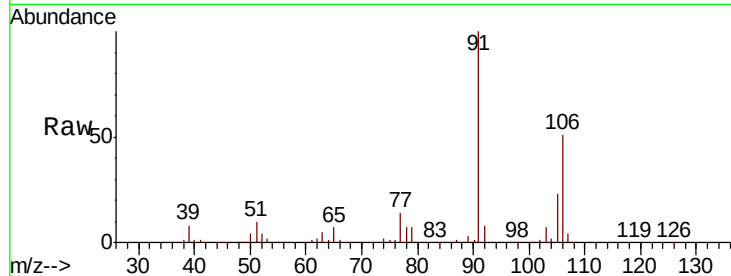




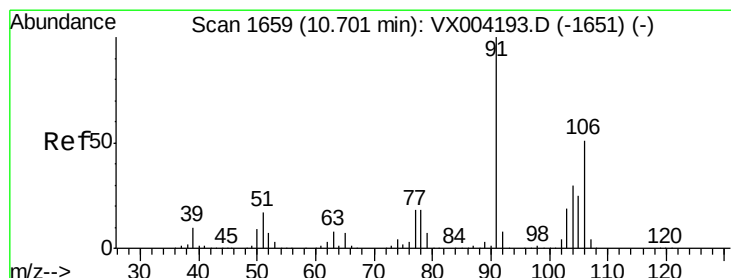
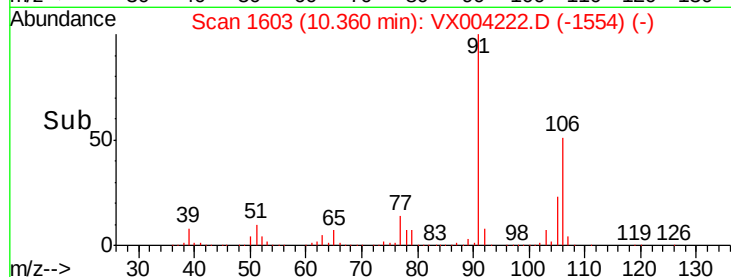
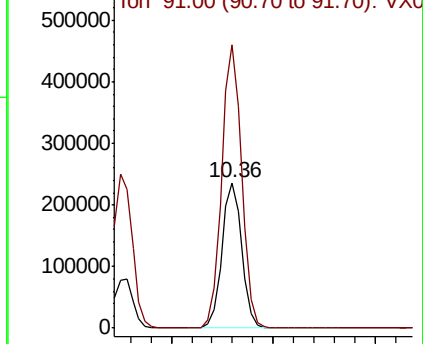
#68
m/p-Xylenes
Concen: 48.36 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX004222.D
Acq: 23 Aug 2018 13:14

Instrument :
MSVOA_X
ClientSampleId :
FL-0548DL

Tot Ion:106 Resp: 318201
Ion Ratio Lower Upper
106 100
91 196.3 157.1 235.7

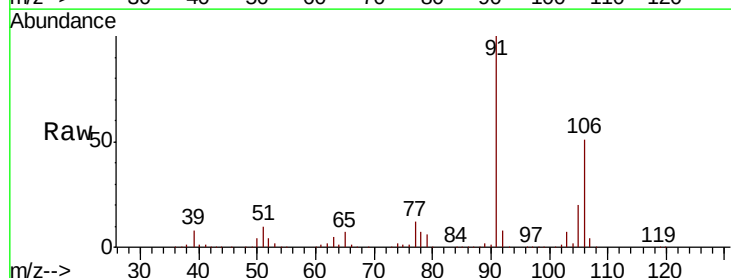


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

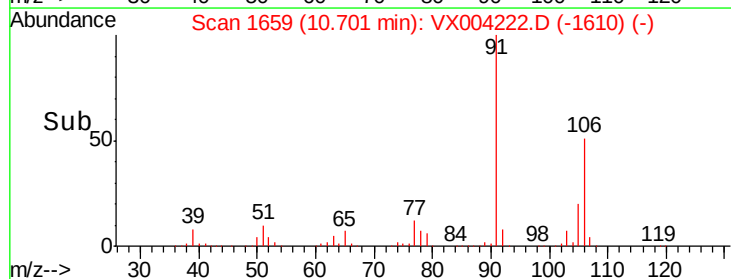
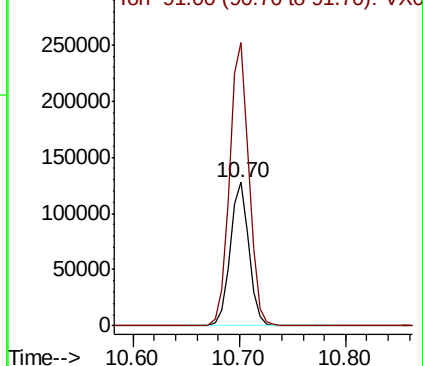


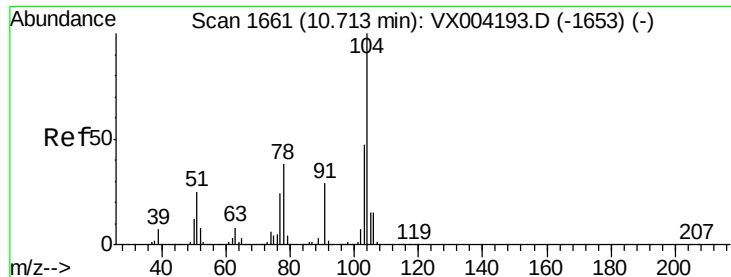
#69
o-Xylene
Concen: 25.22 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX004222.D
Acq: 23 Aug 2018 13:14

Tgt Ion:106 Resp: 156992
Ion Ratio Lower Upper
106 100
91 204.2 105.1 315.1



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

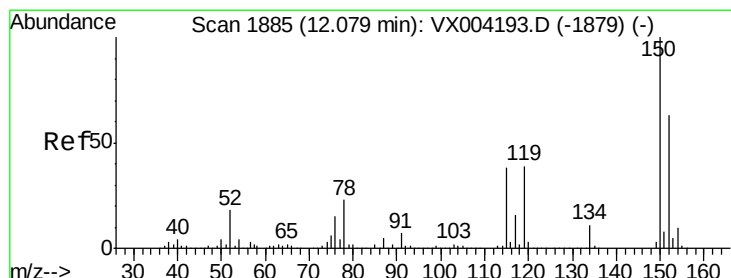
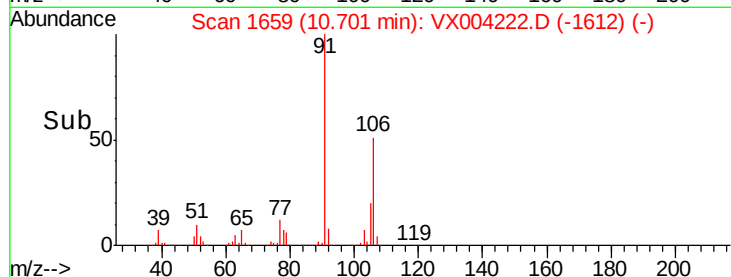
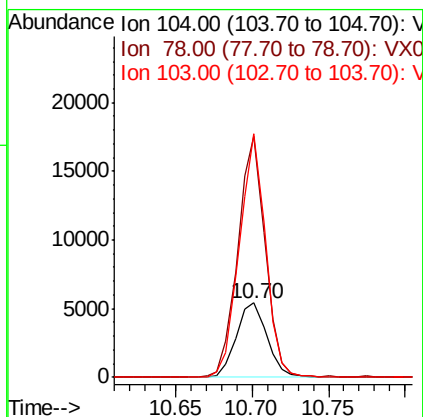
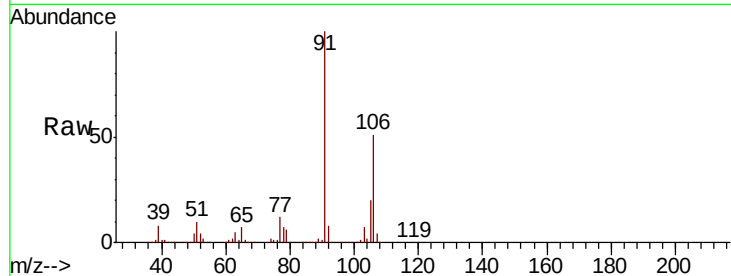




#70
Stvrene
Concen: 0.75 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX004222.D
Acq: 23 Aug 2018 13:14

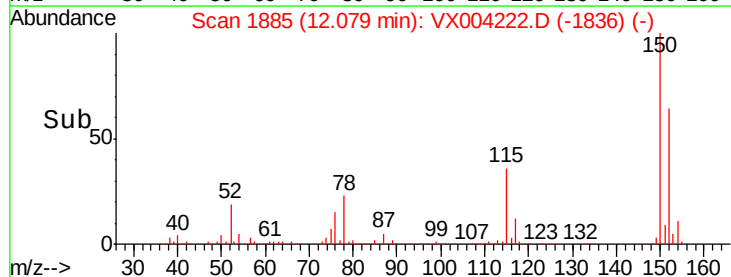
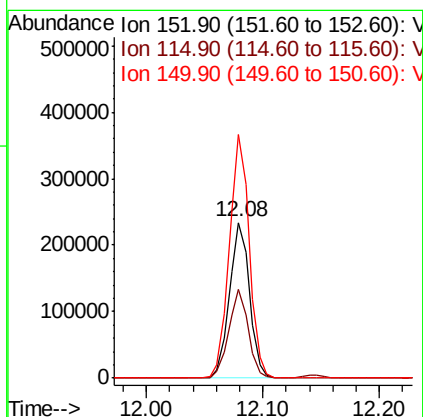
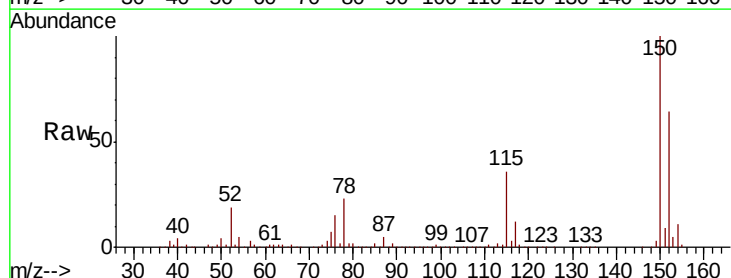
Instrument :
MSVOA_X
ClientSampled :
FL-0548DL

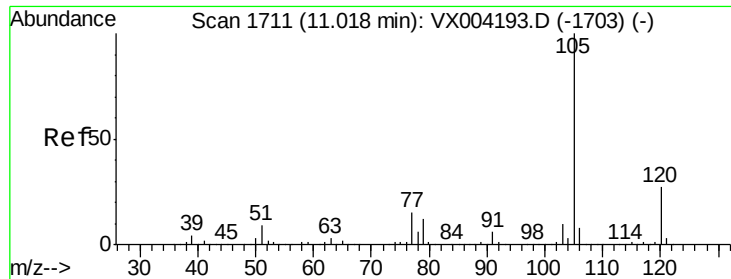
Tot Ion:104 Resp: 7590
Ion Ratio Lower Upper
104 100
78 287.2 37.4 56.0#
103 276.9 43.8 65.6#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX004222.D
Acq: 23 Aug 2018 13:14

Tgt Ion:152 Resp: 279072
Ion Ratio Lower Upper
152 100
115 55.2 39.0 117.0
150 155.9 0.0 351.0





#73

Isopropylbenzene

Concen: 2.52 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.00 min

Lab File: VX004222.D

Acq: 23 Aug 2018 13:14

Instrument :

MSVOA_X

ClientSampleId :

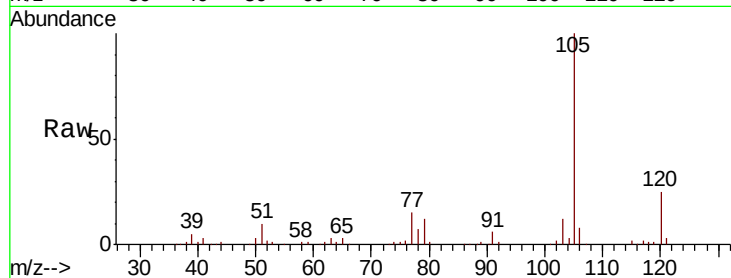
FL-0548DL

Tot Ion:105 Resp: 46103

Ion Ratio Lower Upper

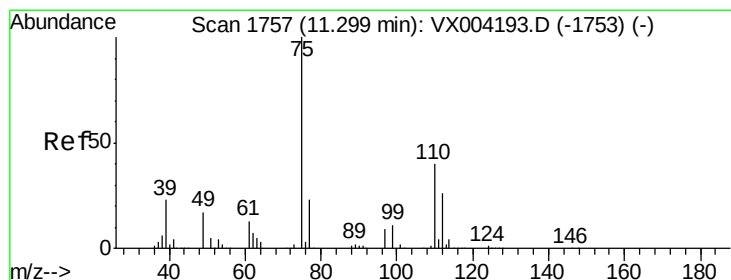
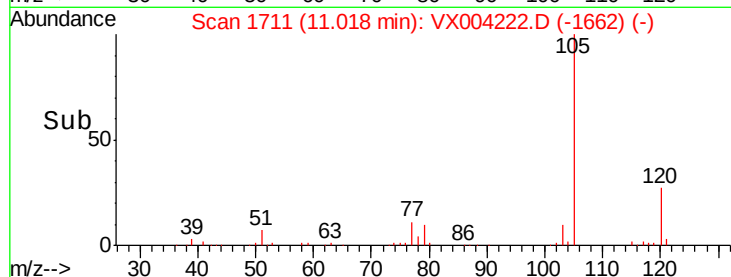
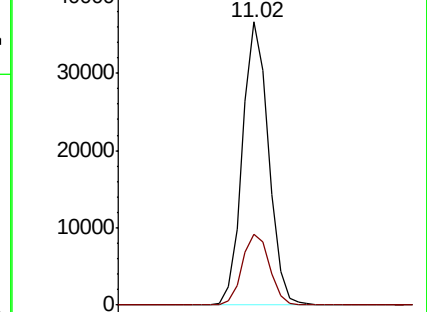
105 100

120 26.1 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

1,2,3-Trichloropropane

Concen: 21.45 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX004222.D

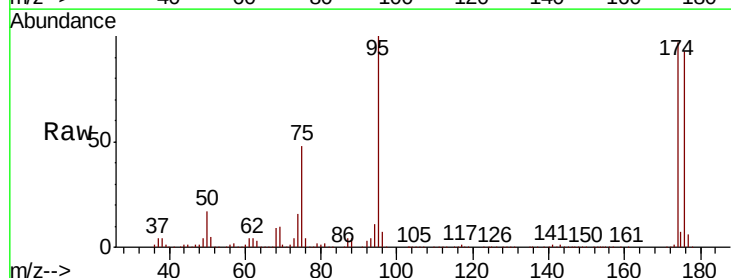
Acq: 23 Aug 2018 13:14

Tgt Ion: 75 Resp: 121721

Ion Ratio Lower Upper

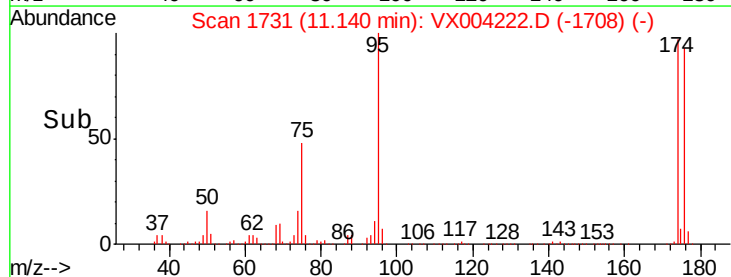
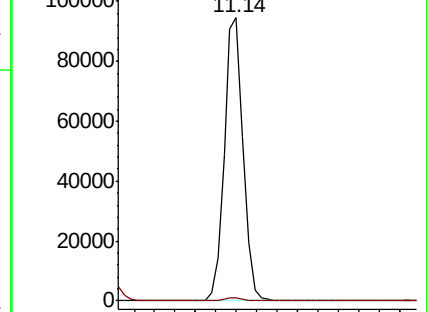
75 100

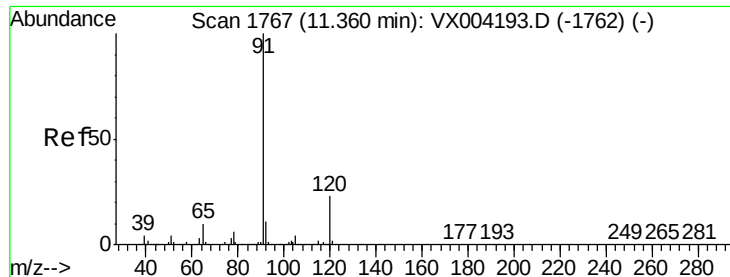
77 1.3 20.2 60.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 3.70 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VX004222.D

Acq: 23 Aug 2018 13:14

Instrument :

MSVOA_X

ClientSampleId :

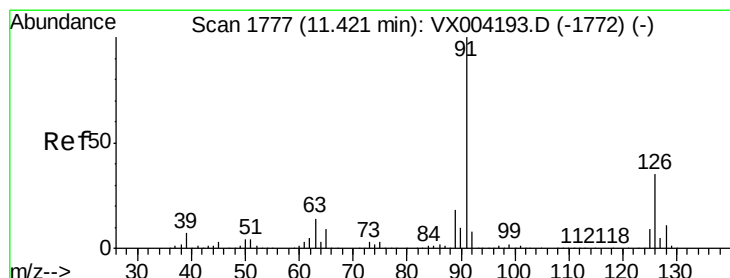
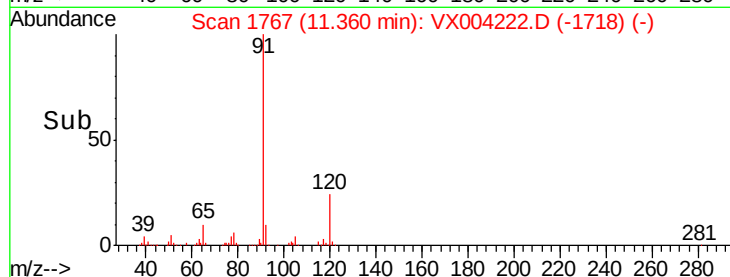
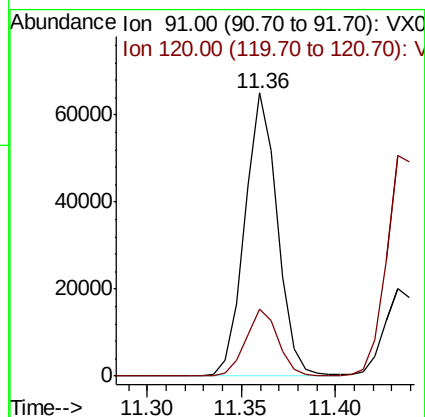
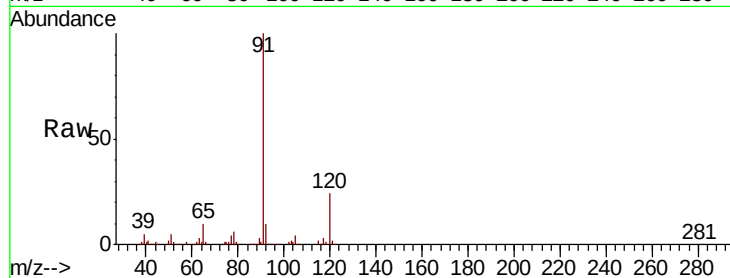
FL-0548DL

Tot Ion: 91 Resp: 78097

Ion Ratio Lower Upper

91 100

120 23.6 11.9 35.9



#79

2-Chlorotoluene

Concen: 2.73 ug/l

RT: 11.43 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VX004222.D

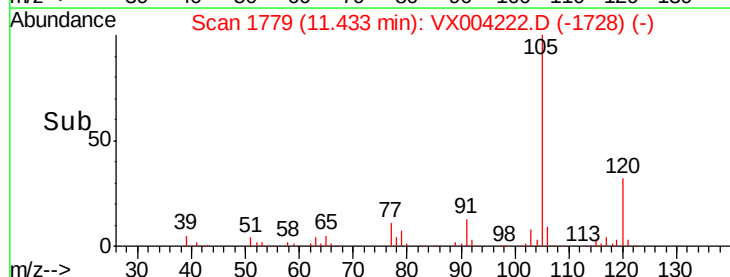
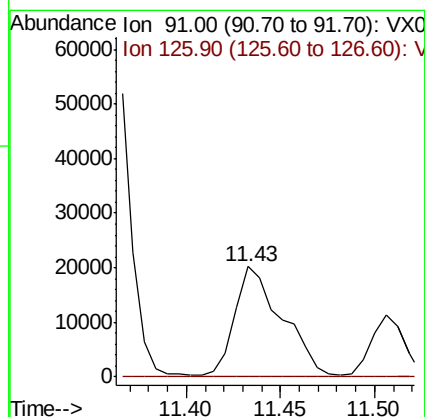
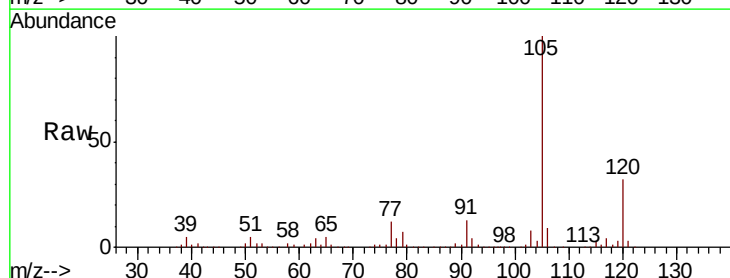
Acq: 23 Aug 2018 13:14

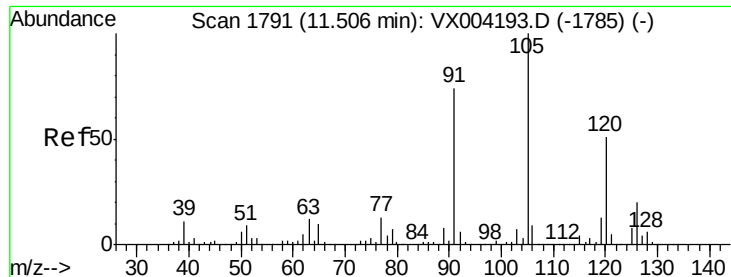
Tgt Ion: 91 Resp: 35402

Ion Ratio Lower Upper

91 100

126 0.1 17.9 53.7#

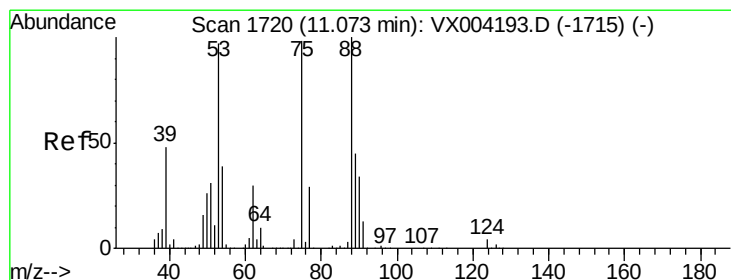
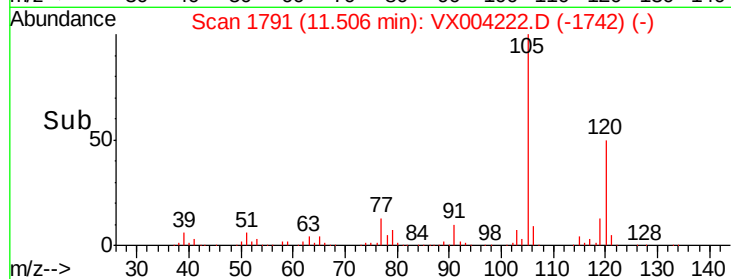
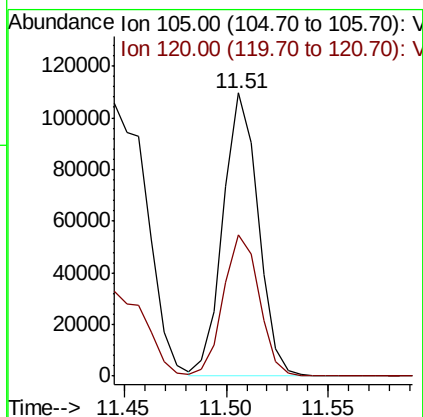
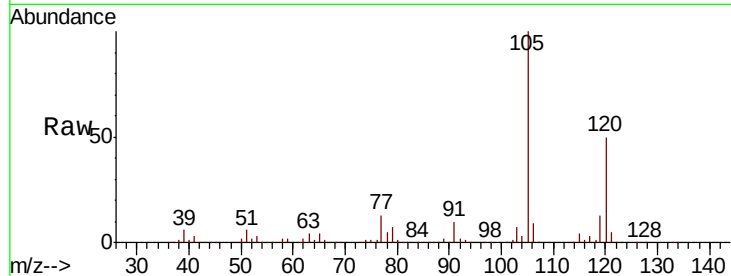




#80
 1,3,5-Trimethylbenzene
 Concen: 8.59 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX004222.D
 Acq: 23 Aug 2018 13:14

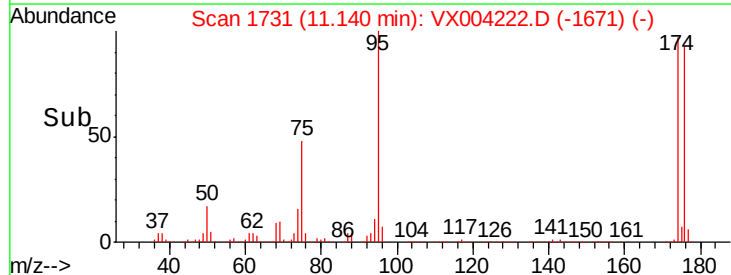
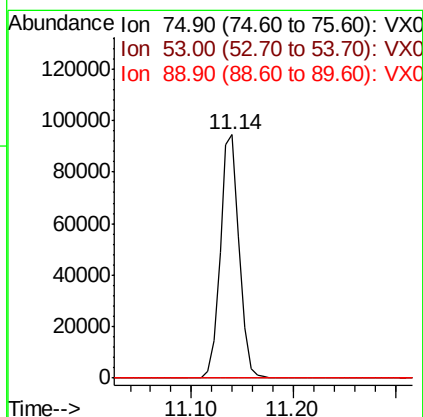
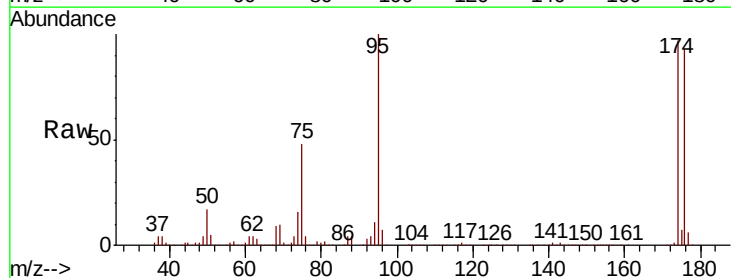
Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0548DL

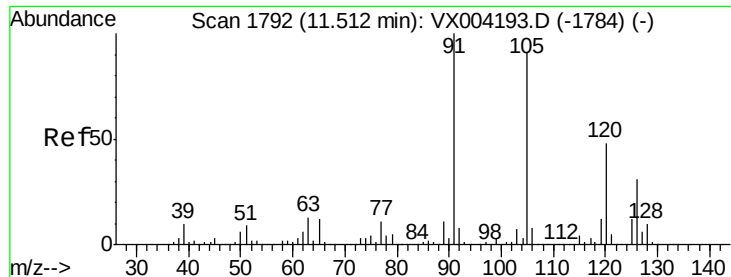
Tot Ion:105 Resp: 130362
 Ion Ratio Lower Upper
 105 100
 120 50.9 25.6 76.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.58 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.07 min
 Lab File: VX004222.D
 Acq: 23 Aug 2018 13:14

Tgt Ion: 75 Resp: 121721
 Ion Ratio Lower Upper
 75 100
 53 0.1 80.1 120.1#
 89 0.0 37.2 55.8#

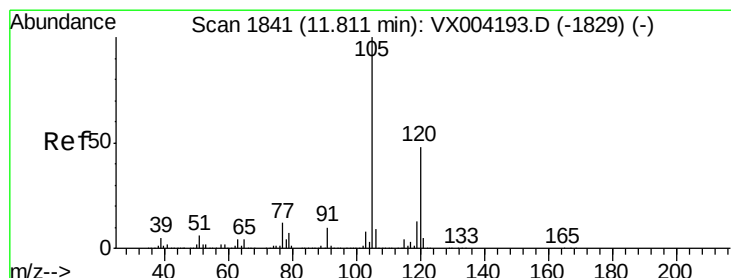
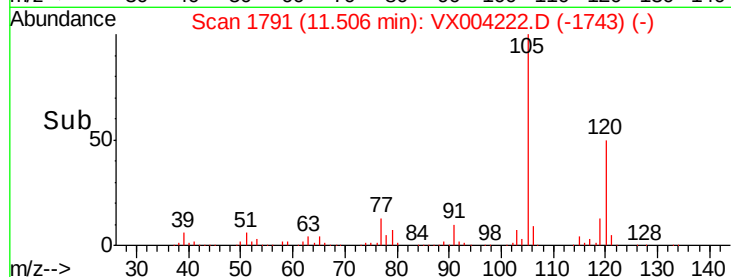
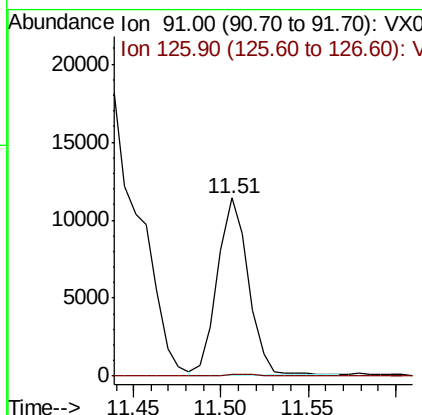
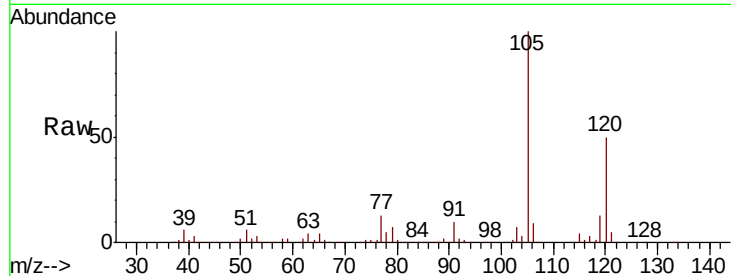




#82
4-Chlorotoluene
Concen: 0.92 ug/l
RT: 11.51 min Scan# 1791
Delta R.T. -0.01 min
Lab File: VX004222.D
Acq: 23 Aug 2018 13:14

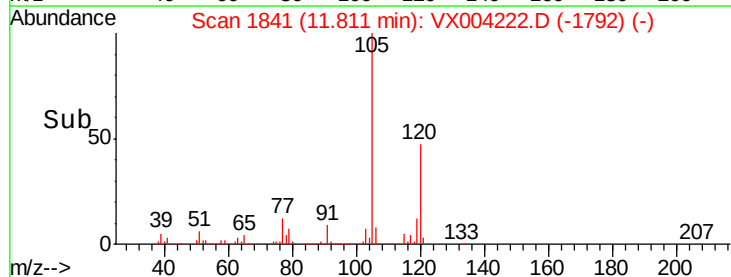
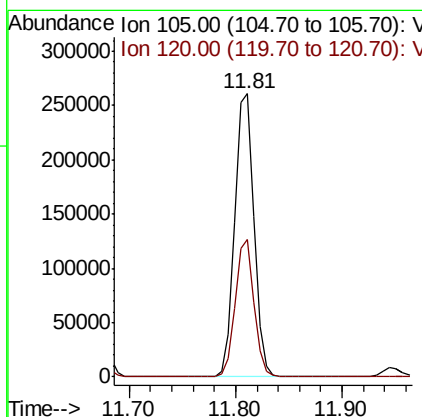
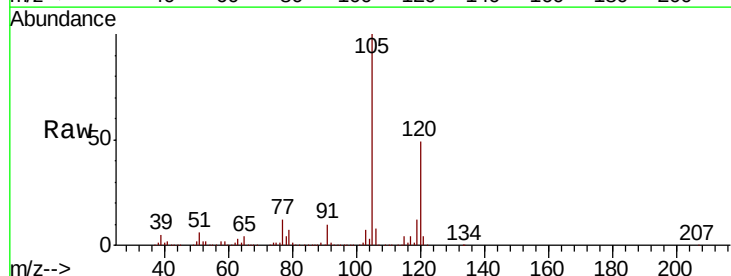
Instrument :
MSVOA_X
ClientSampleId :
FL-0548DL

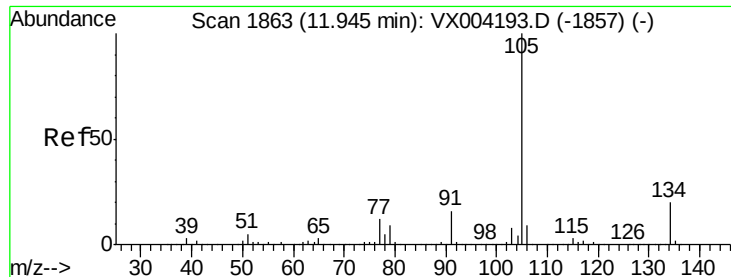
Tot Ion: 91 Resp: 14042
Ion Ratio Lower Upper
91 100
126 1.0 15.5 46.5#



#84
1,2,4-Trimethylbenzene
Concen: 21.38 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX004222.D
Acq: 23 Aug 2018 13:14

Tgt Ion: 105 Resp: 333191
Ion Ratio Lower Upper
105 100
120 47.3 23.2 69.6

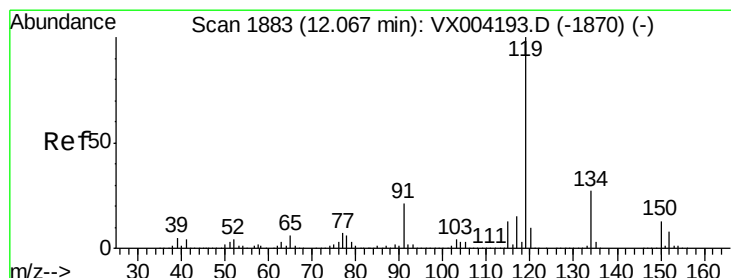
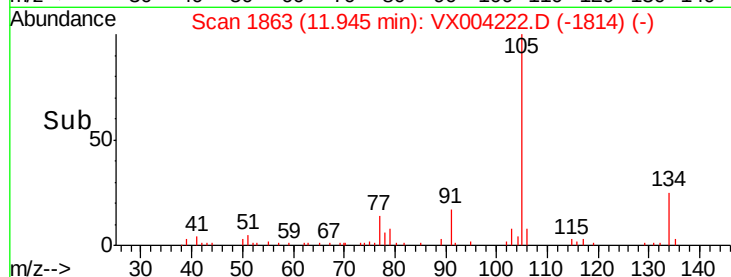
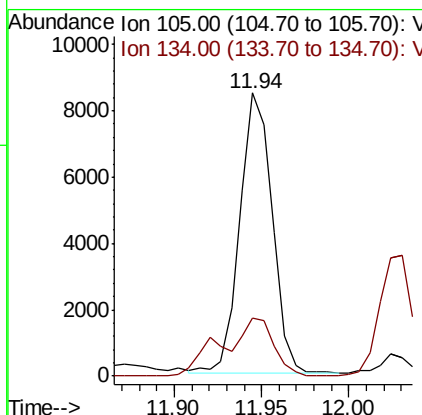
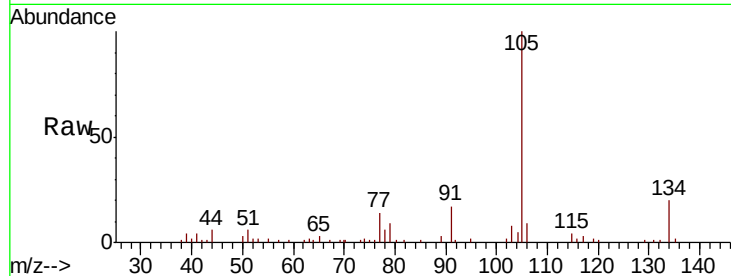




#85
 sec-Butylbenzene
 Concen: 0.60 ug/l
 RT: 11.94 min Scan# 1863
 Delta R.T. -0.00 min
 Lab File: VX004222.D
 Acq: 23 Aug 2018 13:14

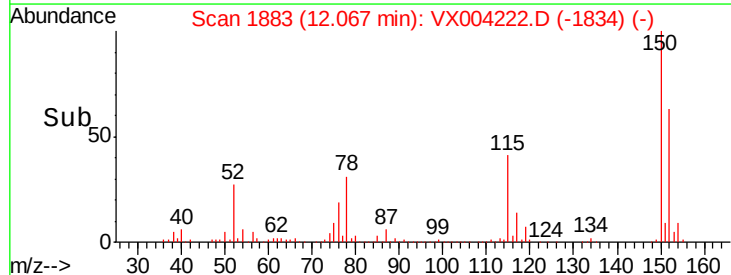
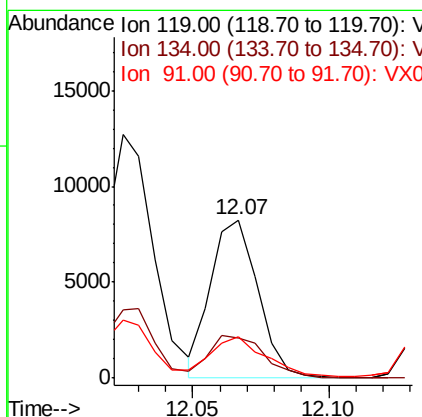
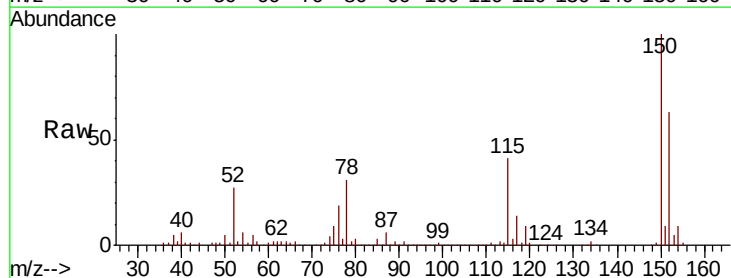
Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0548DL

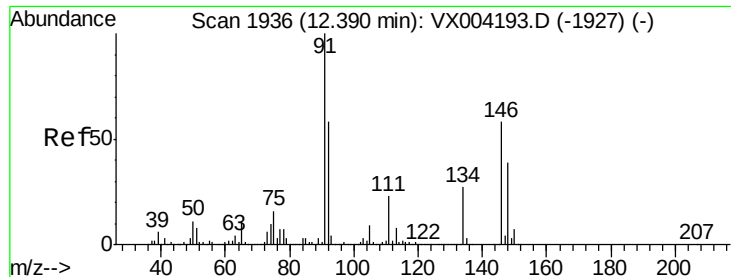
Tot Ion:105 Resp: 10877
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.5 31.5



#86
 p-Isopropyltoluene
 Concen: 0.61 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX004222.D
 Acq: 23 Aug 2018 13:14

Tgt Ion:119 Resp: 9993
 Ion Ratio Lower Upper
 119 100
 134 30.7 13.4 40.2
 91 29.2 10.9 32.7





#89

n-Butylbenzene

Concen: 0.97 ug/l

RT: 12.38 min Scan# 1935

Delta R.T. -0.01 min

Lab File: VX004222.D

Acq: 23 Aug 2018 13:14

Instrument :

MSVOA_X

ClientSampleID :

FL-0548DL

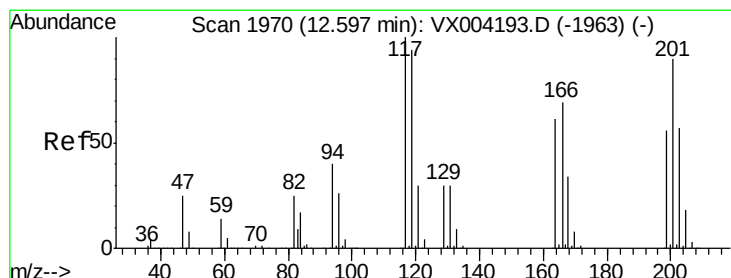
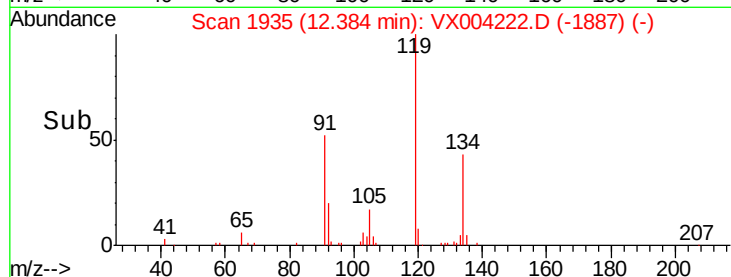
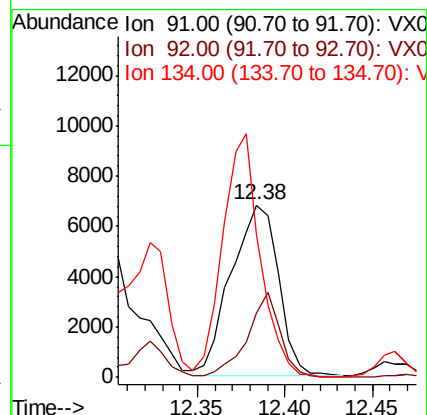
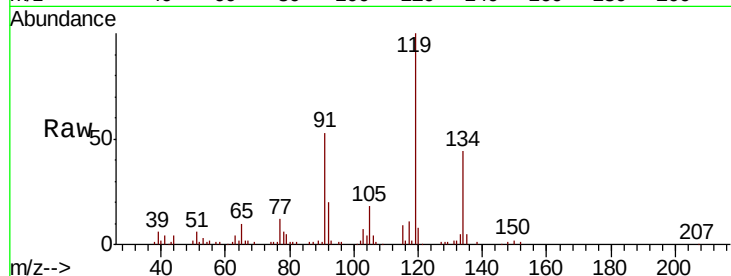
Tot Ion: 91 Resp: 12838

Ion Ratio Lower Upper

91 100

92 34.3 27.3 81.9

134 112.2 13.6 40.7#



#90

Hexachloroethane

Concen: 0.83 ug/l

RT: 12.59 min Scan# 1969

Delta R.T. -0.01 min

Lab File: VX004222.D

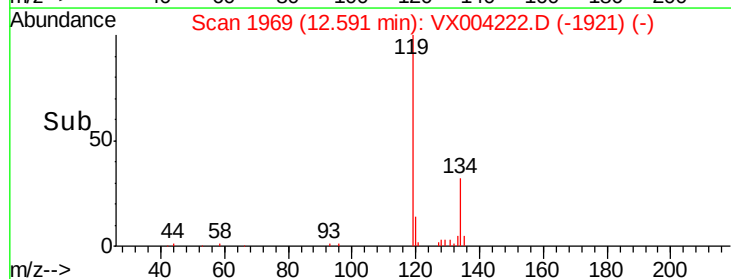
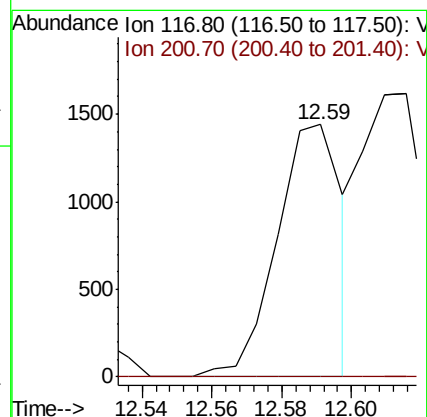
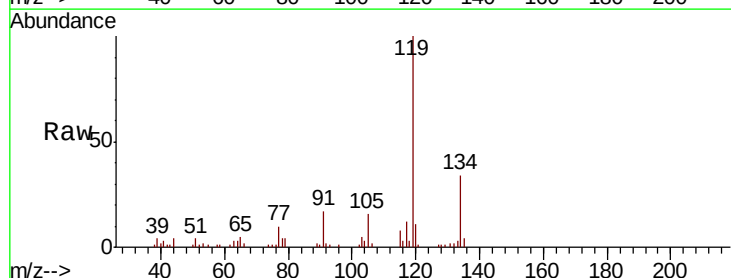
Acq: 23 Aug 2018 13:14

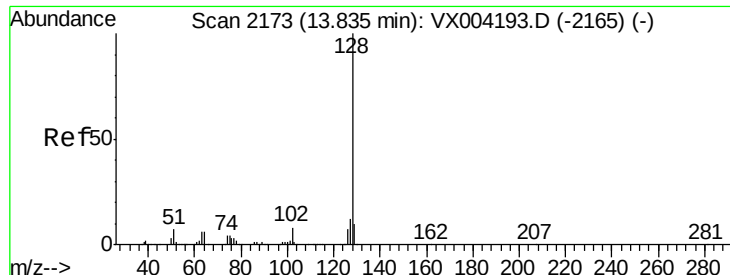
Tgt Ion: 117 Resp: 1874

Ion Ratio Lower Upper

117 100

201 0.0 46.9 140.6#

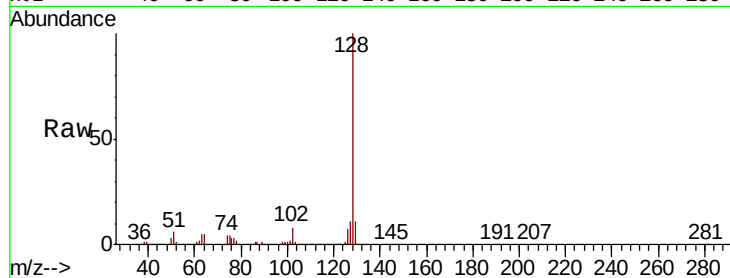




#95
Naphthalene
Concen: 7.38 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. -0.00 min
Lab File: VX004222.D
Acq: 23 Aug 2018 13:14

Instrument :
MSVOA_X
ClientSampleId :
FL-0548DL

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.1	10.2	15.2
129	11.2	8.6	12.8



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

