

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082318\
 Data File : VX004234.D
 Acq On : 23 Aug 2018 18:33
 Operator : JC/MD
 Sample : J4579-10DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0561DL

Quant Time: Aug 24 09:43:14 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	5.67	168	318584	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	488069	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	444730	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	268239	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	204127	49.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.32%	
35) Dibromofluoromethane	5.50	113	176253	48.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.08%	
50) Toluene-d8	8.71	98	680931	49.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.36%	
62) 4-Bromofluorobenzene	11.14	95	253658	49.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.20%	

Target Compounds

						Qvalue
3) Chloromethane	1.32	50	1457	0.65	ug/l	# 77
5) Bromomethane	1.65	94	960	Below	Cal	93
6) Chloroethane	1.66	64	593	1.15	ug/l	# 47
10) Methyl Iodide	2.52	142	431	4.36	ug/l	# 73
13) Acrolein	2.39	56	4419	20.71	ug/l	# 79
14) Allyl chloride	2.84	41	7774	1.25	ug/l	# 62
15) Acrylonitrile	3.17	53	2526	1.15	ug/l	# 50
16) Acetone	2.45	43	4097	Below	Cal	95
17) Carbon Disulfide	2.56	76	577	0.86	ug/l	# 94
18) Methyl Acetate	2.84	43	19780	3.21	ug/l	# 51
20) Methylene Chloride	2.85	84	1153	0.29	ug/l	# 75
25) 2-Butanone	4.71	43	2247	Below	Cal	# 86
29) Tetrahydrofuran	5.18	42	778	0.44	ug/l	# 49
31) Cyclohexane	5.57	56	52314	8.99	ug/l	98
36) 1,1-Dichloropropene	5.67	75	20758	3.78	ug/l	# 50
38) Carbon Tetrachloride	5.67	117	27770	5.38	ug/l	# 15
39) Methylcyclohexane	7.46	83	81816	13.06	ug/l	99
45) 1,2-Dichloropropane	7.46	63	1054	0.26	ug/l	# 1
48) Methyl methacrylate	7.73	41	5604	1.26	ug/l	# 61
55) 1,1,2-Trichloroethane	9.16	97	5753	1.39	ug/l	# 20
56) Ethyl methacrylate	9.16	69	1403	0.25	ug/l	# 1
67) Ethyl Benzene	10.25	91	568527	31.36	ug/l	93
68) m/p-Xylenes	10.36	106	353468	49.87	ug/l	98
69) o-Xylene	10.70	106	262776	39.19	ug/l	97
70) Styrene	10.70	104	13158	1.21	ug/l	# 1
73) Isopropylbenzene	11.02	105	106085	6.02	ug/l	99
76) 1,2,3-Trichloropropane	11.43	75	8939	1.64	ug/l	# 1
78) n-propylbenzene	11.36	91	171158	8.45	ug/l	99
79) 2-Chlorotoluene	11.43	91	129512	10.38	ug/l	# 39
80) 1,3,5-Trimethylbenzene	11.51	105	343447	23.54	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.14	75	121832	72.46	ug/l	# 10
82) 4-Chlorotoluene	11.51	91	35175	2.40	ug/l	# 44
83) tert-Butylbenzene	11.81	119	133190	9.07	ug/l	# 57
84) 1,2,4-Trimethylbenzene	11.81	105	1084300	72.40	ug/l	100

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Response via : Initial Calibration

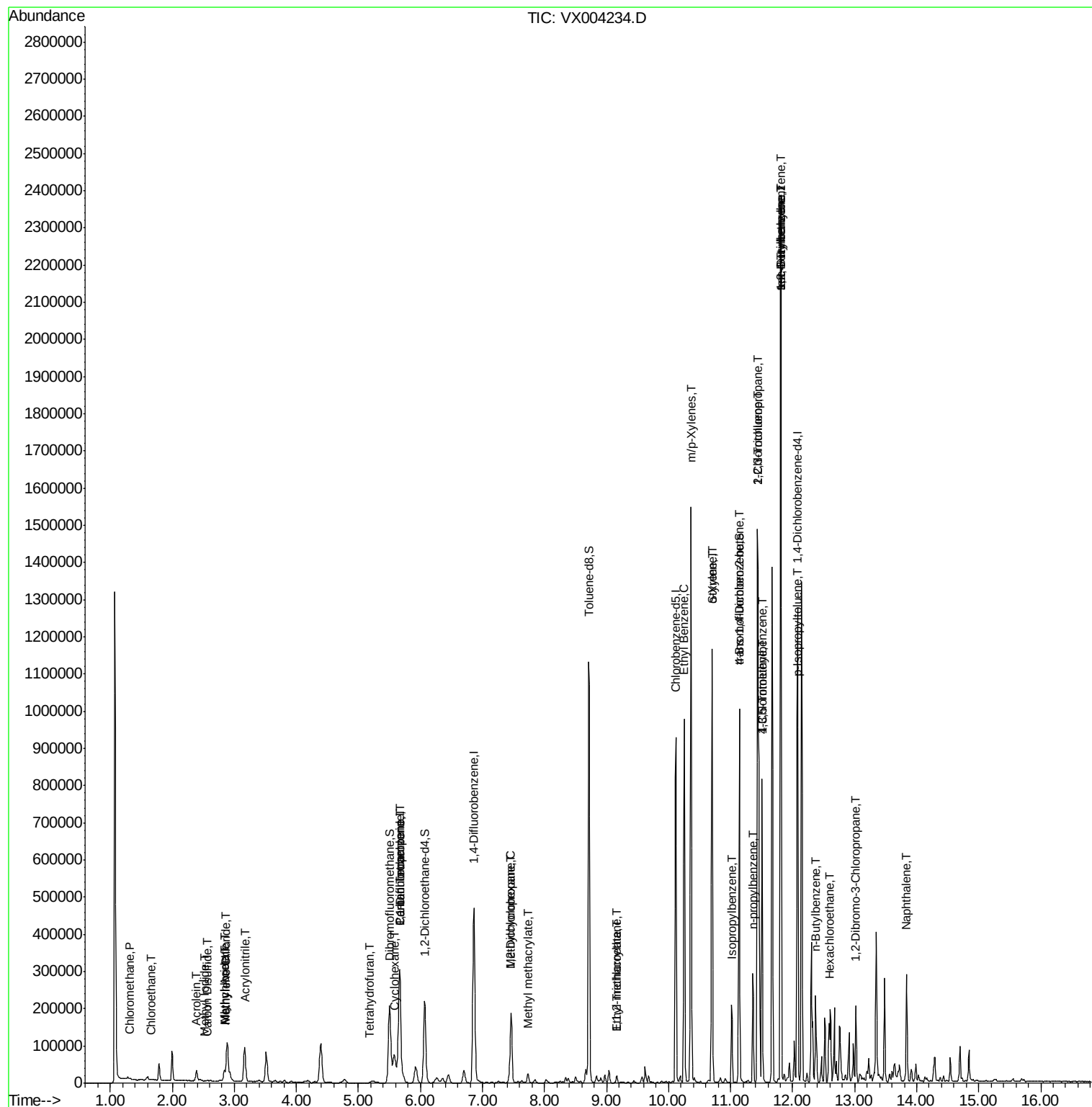
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	11.81	105	1084172	62.21	ug/l #	55
86) p-Isopropyltoluene	12.07	119	30536	1.96	ug/l	98
89) n-Butylbenzene	12.38	91	32202	2.54	ug/l #	18
90) Hexachloroethane	12.59	117	6810	3.12	ug/l #	3
92) 1,2-Dibromo-3-Chloropropan	13.02	75	704	0.65	ug/l #	1
94) Hexachlorobutadiene	13.78	225	132	Below	Cal	84
95) Naphthalene	13.83	128	178707	10.21	ug/l	99

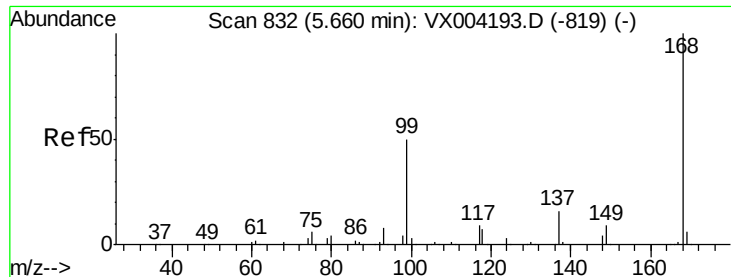
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.01 min

Lab File: VX004234.D

Acq: 23 Aug 2018 18:33

Instrument :

MSVOA_X

ClientSampled :

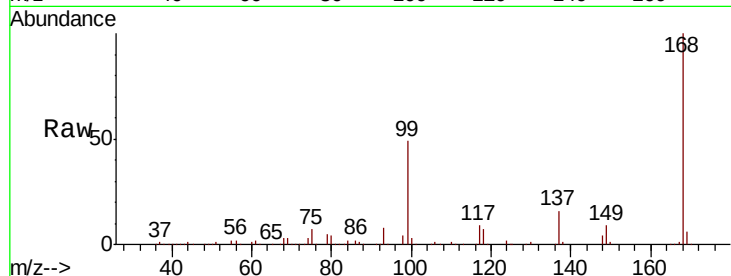
FL-0561DL

Tot Ion:168 Resp: 318584

Ion Ratio Lower Upper

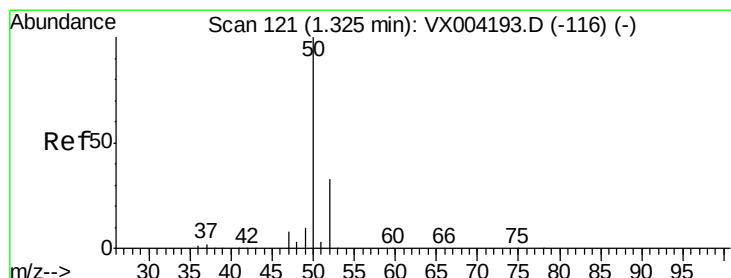
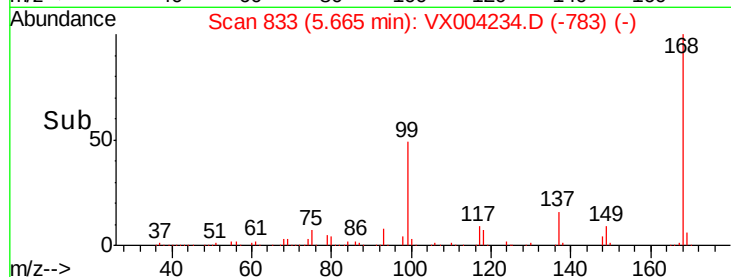
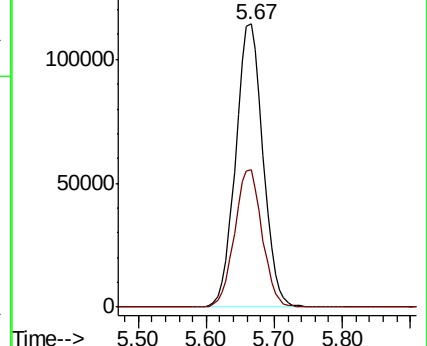
168 100

99 48.7 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.65 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX004234.D

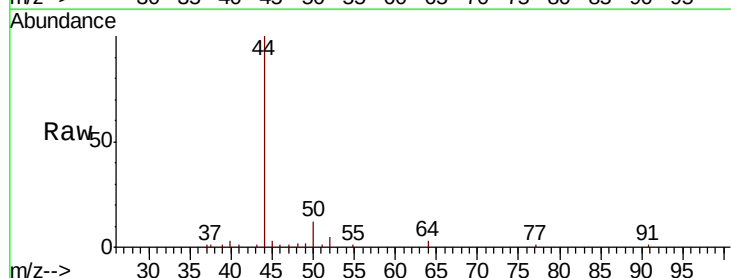
Acq: 23 Aug 2018 18:33

Tgt Ion: 50 Resp: 1457

Ion Ratio Lower Upper

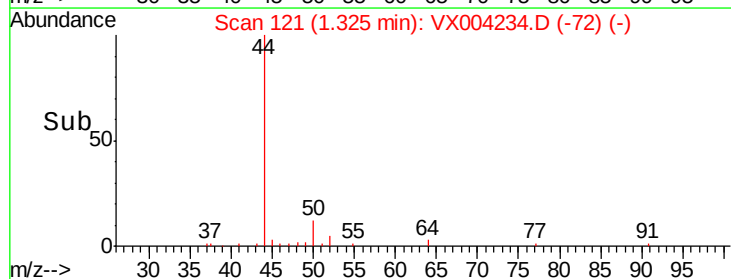
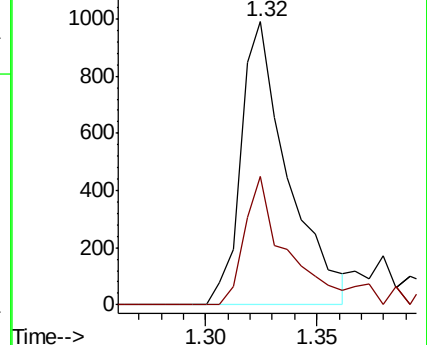
50 100

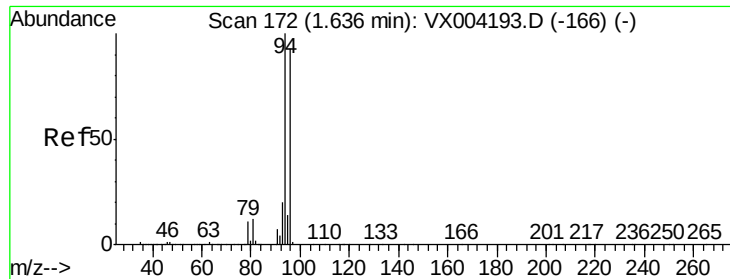
52 45.6 26.2 39.2#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX004234.D

Acq: 23 Aug 2018 18:33

Instrument :

MSVOA_X

ClientSampled :

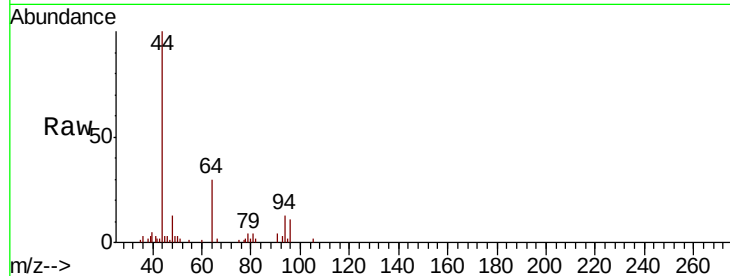
FL-0561DL

Tot Ion: 94 Resp: 960

Ion Ratio Lower Upper

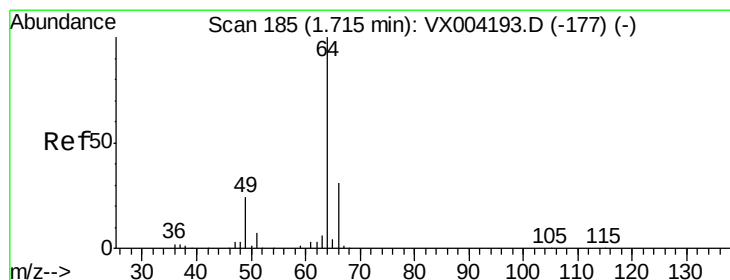
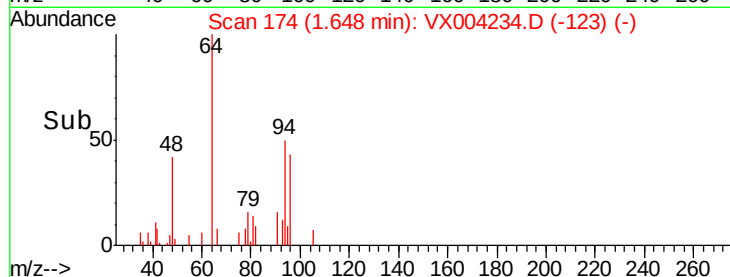
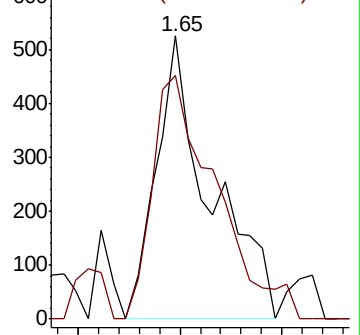
94 100

96 86.1 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: 1.15 ug/l

RT: 1.66 min Scan# 176

Delta R.T. -0.06 min

Lab File: VX004234.D

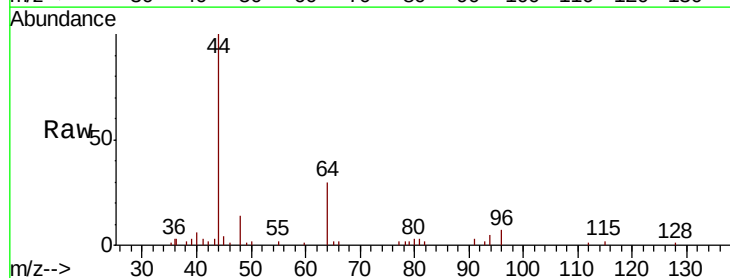
Acq: 23 Aug 2018 18:33

Tgt Ion: 64 Resp: 593

Ion Ratio Lower Upper

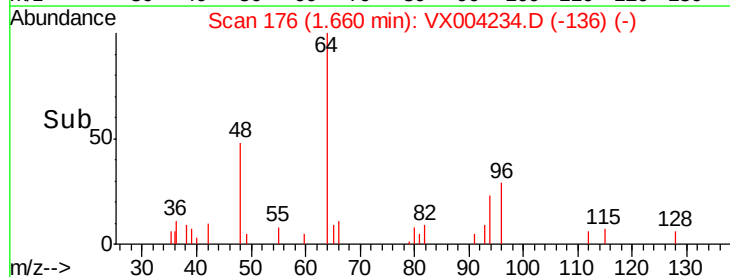
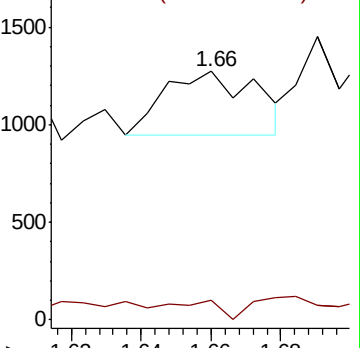
64 100

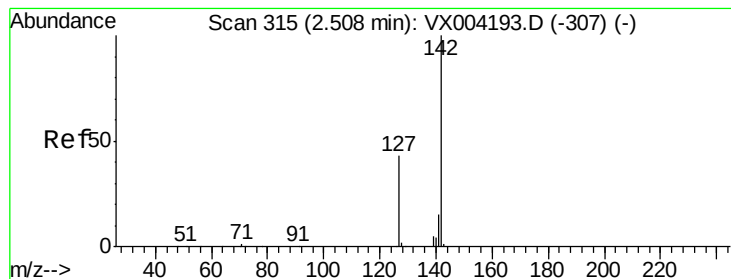
66 1.8 24.6 36.8#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#10

Methvl Iodide

Concen: 4.36 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX004234.D

Acq: 23 Aug 2018 18:33

Instrument :

MSVOA_X

ClientSampled :

FL-0561DL

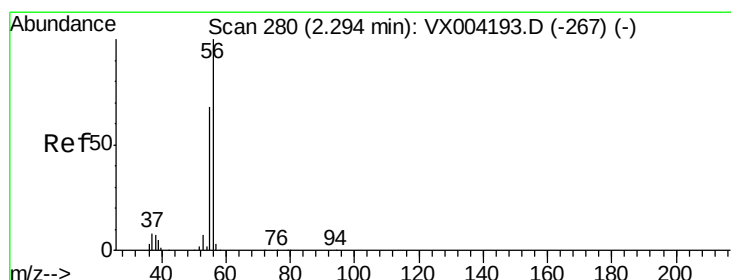
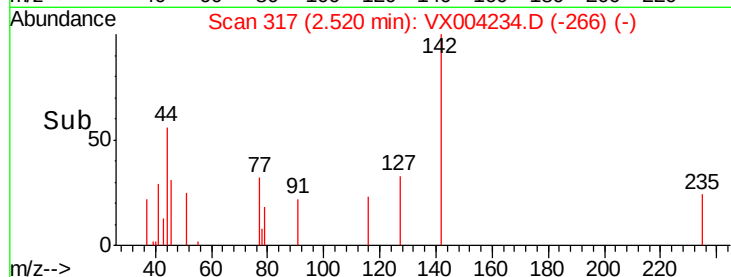
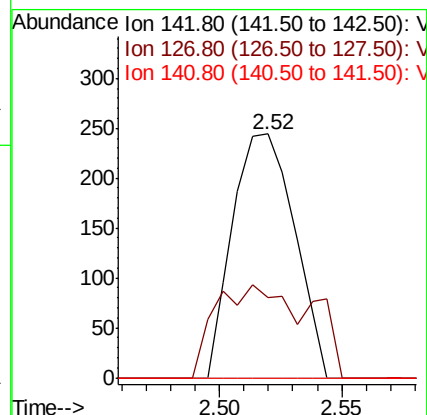
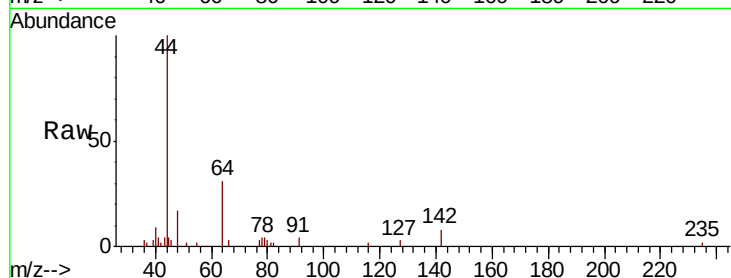
Tot Ion:142 Resp: 431

Ion Ratio Lower Upper

142 100

127 57.8 33.8 50.6#

141 0.0 11.4 17.0#



#13

Acrolein

Concen: 20.71 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.10 min

Lab File: VX004234.D

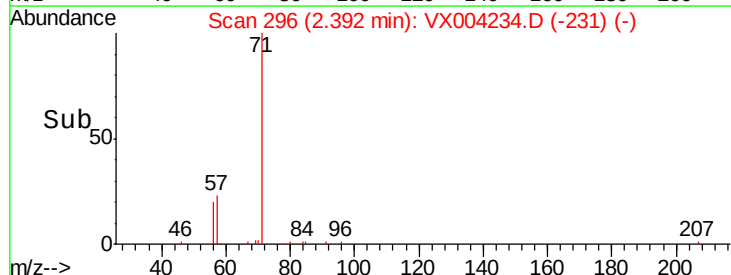
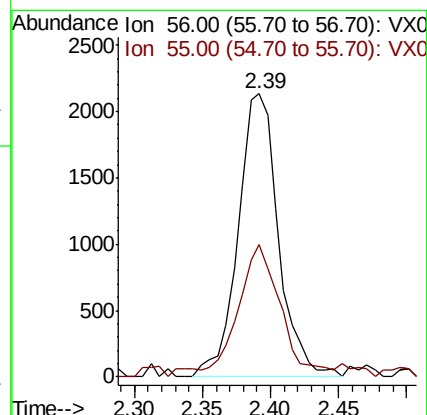
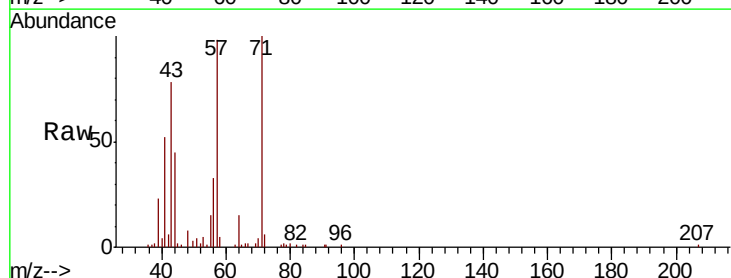
Acq: 23 Aug 2018 18:33

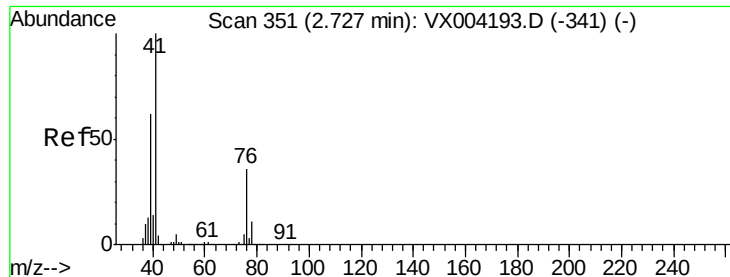
Tgt Ion: 56 Resp: 4419

Ion Ratio Lower Upper

56 100

55 51.1 54.7 82.1#





#14

Allvl chloride

Concen: 1.25 ug/l

RT: 2.84 min Scan# 369

Delta R.T. 0.11 min

Lab File: VX004234.D

Acq: 23 Aug 2018 18:33

Instrument :

MSVOA_X

ClientSampleId :

FL-0561DL

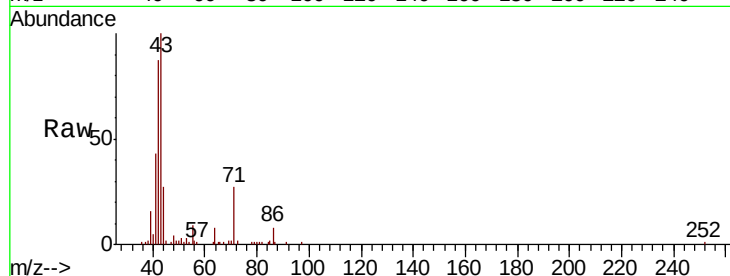
Tot Ion: 41 Resp: 7774

Ion Ratio Lower Upper

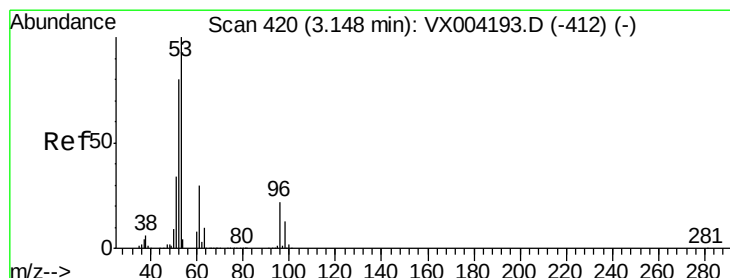
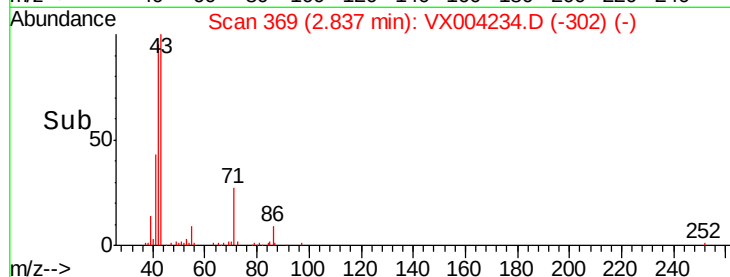
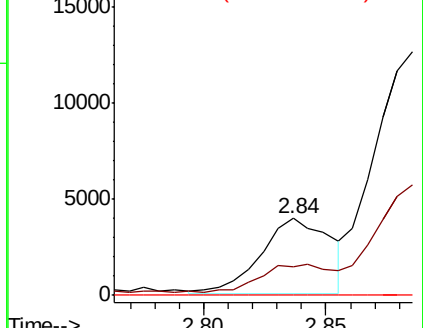
41 100

39 40.3 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: 1.15 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.02 min

Lab File: VX004234.D

Acq: 23 Aug 2018 18:33

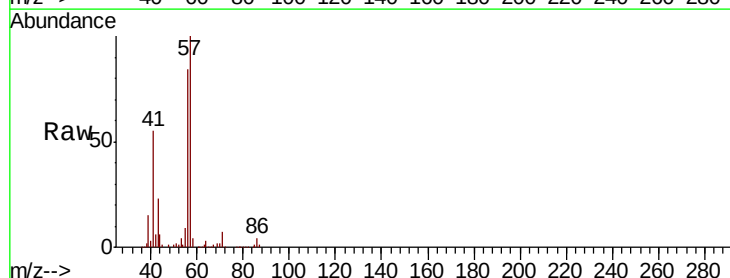
Tgt Ion: 53 Resp: 2526

Ion Ratio Lower Upper

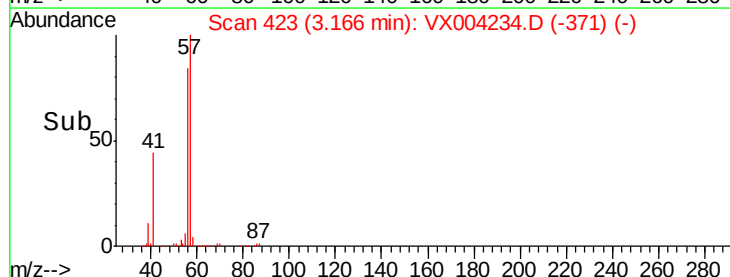
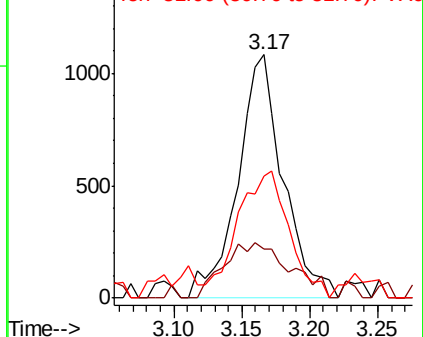
53 100

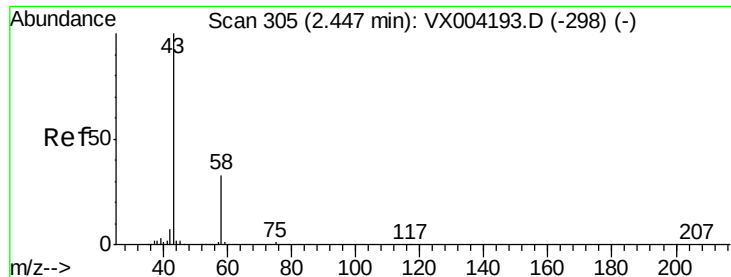
52 33.1 65.2 97.8#

51 59.0 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# 305

Delta R.T. 0.00 min

Lab File: VX004234.D

Acq: 23 Aug 2018 18:33

Instrument :

MSVOA_X

ClientSampled :

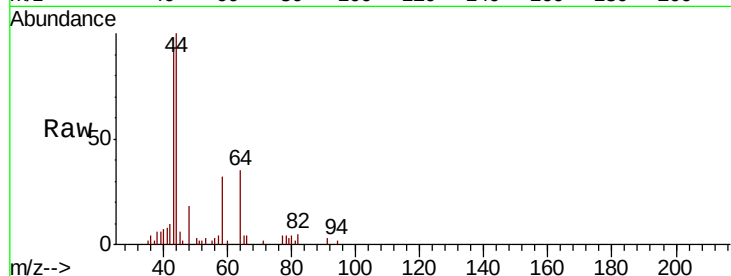
FL-0561DL

Tot Ion: 43 Resp: 4097

Ion Ratio Lower Upper

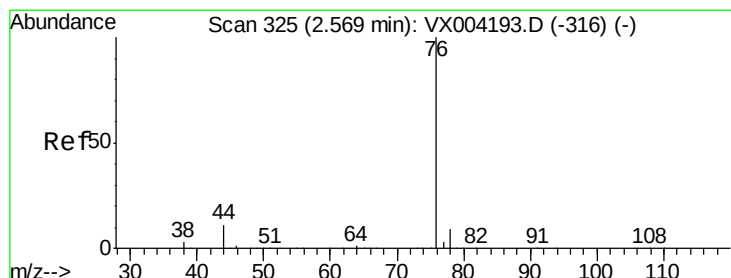
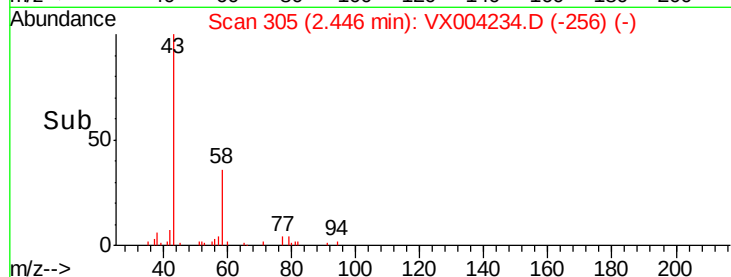
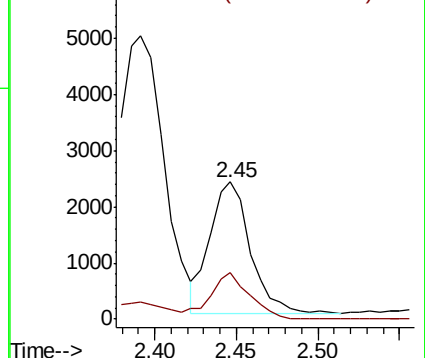
43 100

58 35.6 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: 0.86 ug/l

RT: 2.56 min Scan# 324

Delta R.T. -0.01 min

Lab File: VX004234.D

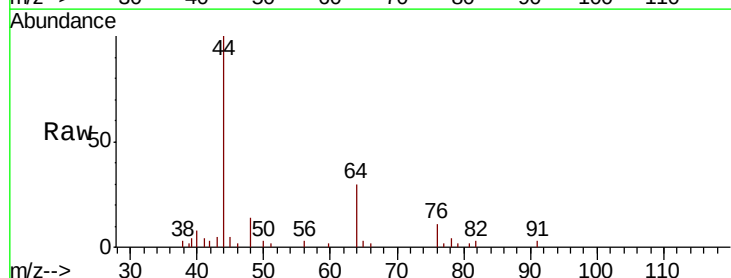
Acq: 23 Aug 2018 18:33

Tgt Ion: 76 Resp: 577

Ion Ratio Lower Upper

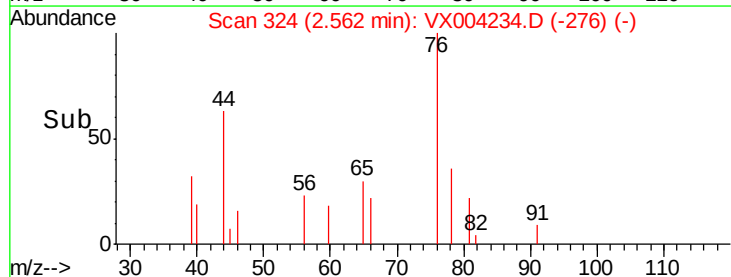
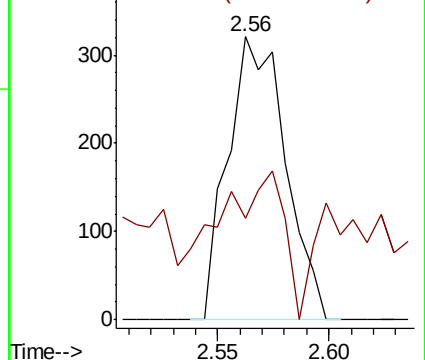
76 100

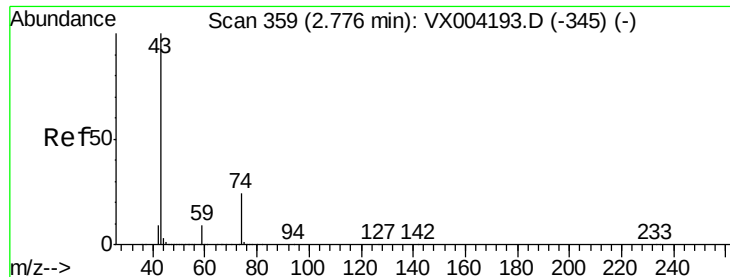
78 10.9 7.0 10.6#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

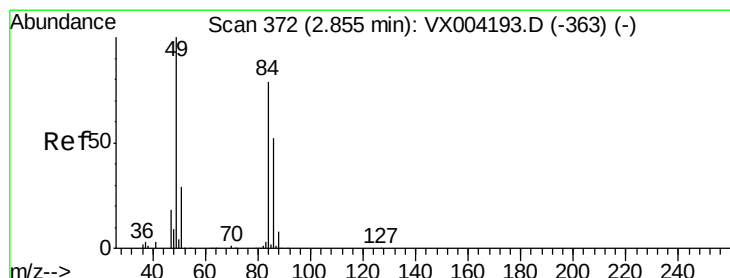
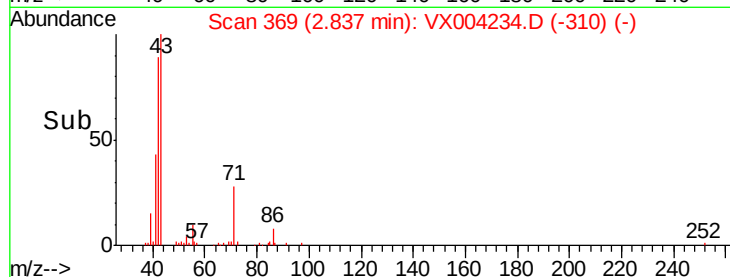
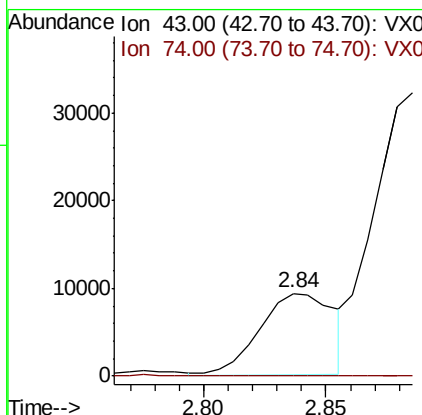
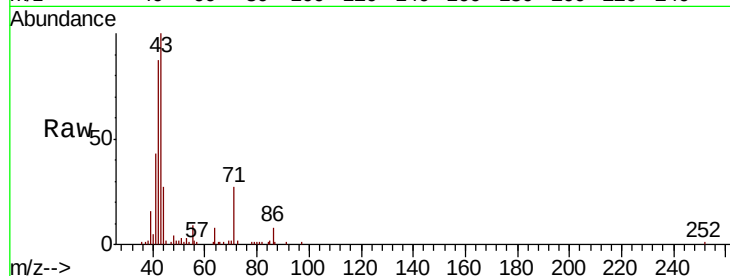




#18
Methyl Acetate
Concen: 3.21 ug/l
RT: 2.84 min Scan# 369
Delta R.T. 0.06 min
Lab File: VX004234.D
Acq: 23 Aug 2018 18:33

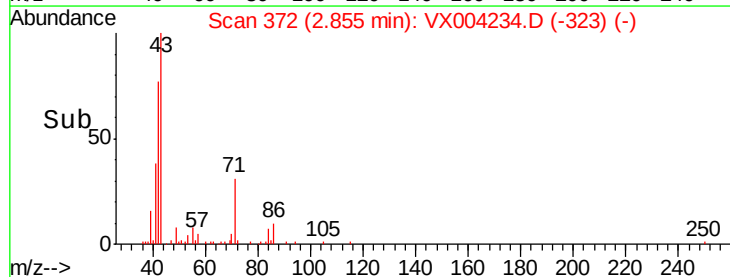
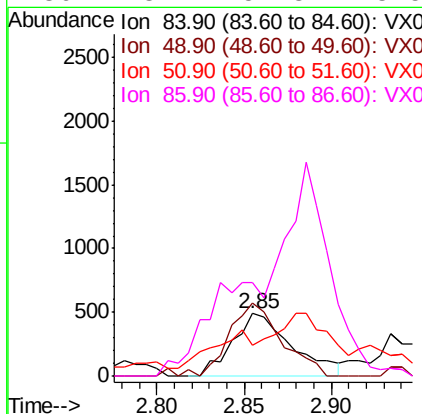
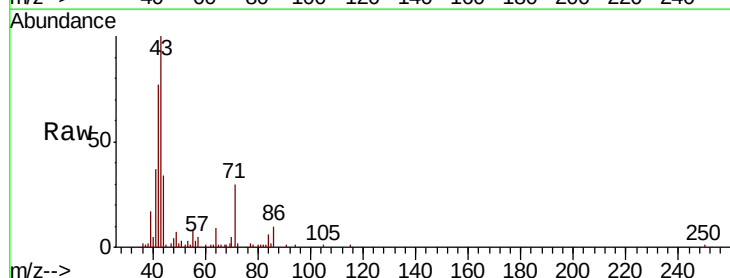
Instrument :
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FL-0561DL

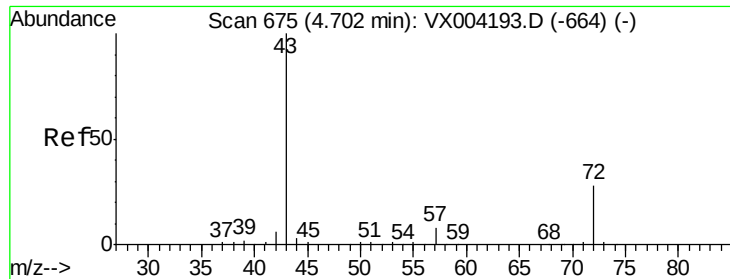
Tot Ion: 43 Resp: 19780
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.2#



#20
Methylene Chloride
Concen: 0.29 ug/l
RT: 2.85 min Scan# 372
Delta R.T. -0.00 min
Lab File: VX004234.D
Acq: 23 Aug 2018 18:33

Tgt Ion: 84 Resp: 1153
Ion Ratio Lower Upper
84 100
49 116.6 101.2 151.8
51 25.0 29.5 44.3#
86 113.1 52.3 78.5#





#25

2-Butanone

Concen: Below Cal

RT: 4.71 min Scan# 676

Delta R.T. 0.01 min

Lab File: VX004234.D

Acq: 23 Aug 2018 18:33

Instrument :

MSVOA_X

ClientSampleId :

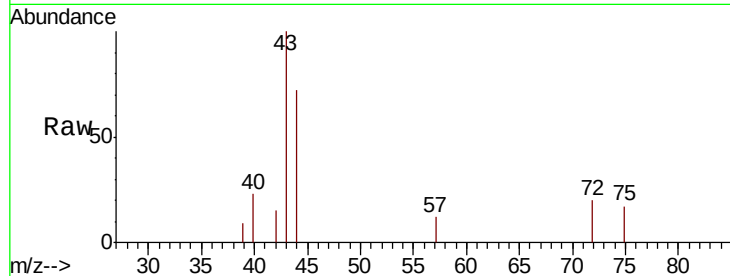
FL-0561DL

Tot Ion: 43 Resp: 2247

Ion Ratio Lower Upper

43 100

72 20.4 22.0 33.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

800

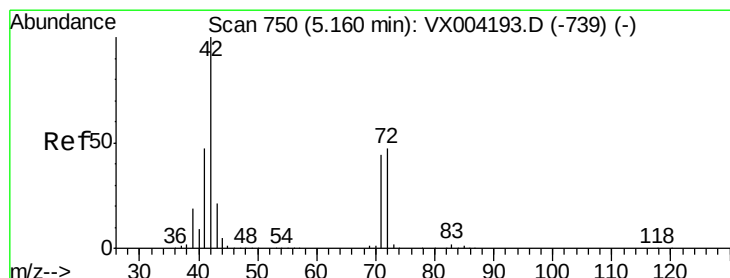
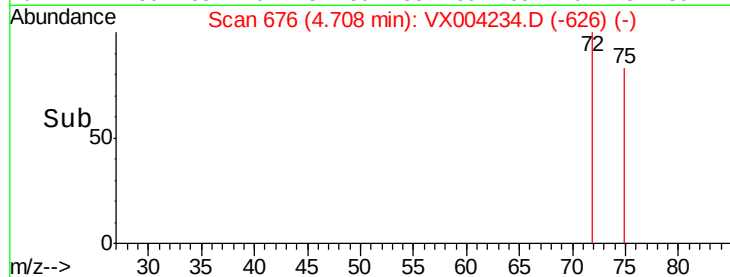
600

400

200

0

Time-->



#29

Tetrahydrofuran

Concen: 0.44 ug/l

RT: 5.18 min Scan# 753

Delta R.T. 0.02 min

Lab File: VX004234.D

Acq: 23 Aug 2018 18:33

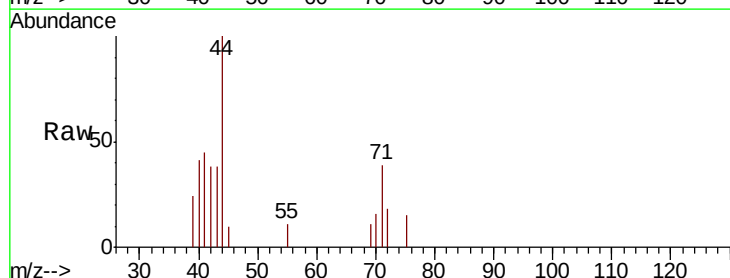
Tgt Ion: 42 Resp: 778

Ion Ratio Lower Upper

42 100

72 22.6 37.4 56.0#

71 0.0 34.5 51.7#



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

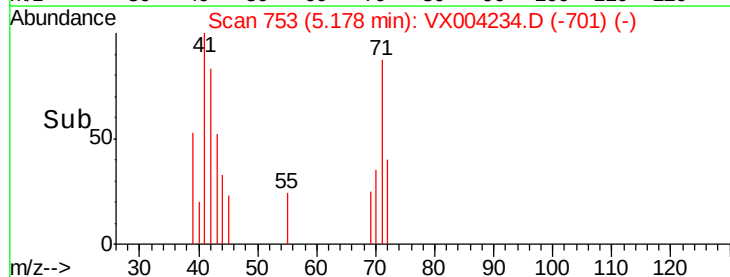
1500

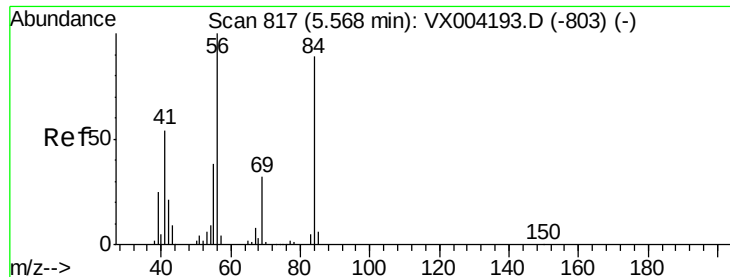
1000

500

0

Time-->

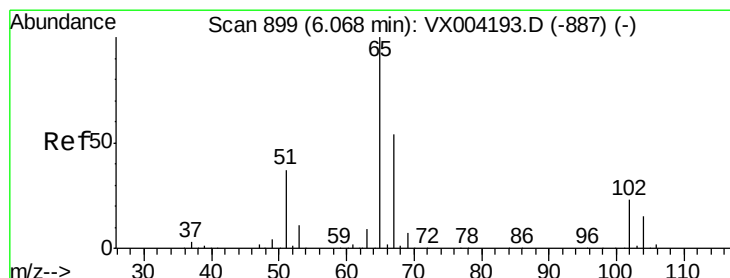
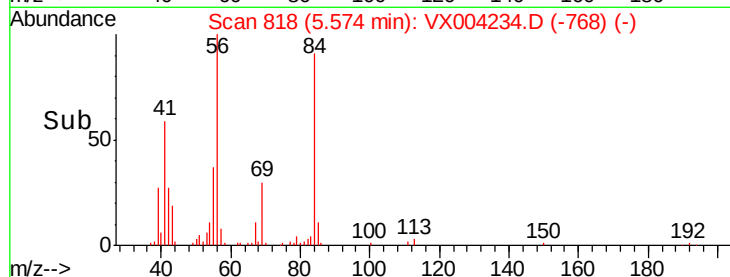
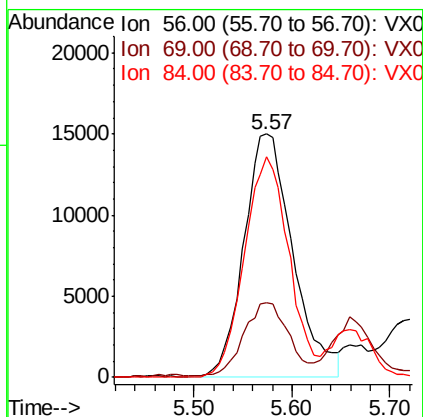
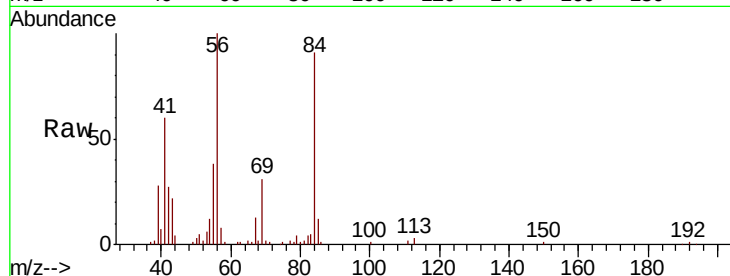




#31
Cyclohexane
Concen: 8.99 ug/l
RT: 5.57 min Scan# 818
Delta R.T. 0.01 min
Lab File: VX004234.D
Acq: 23 Aug 2018 18:33

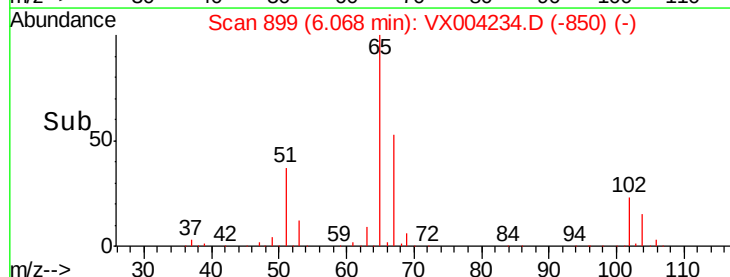
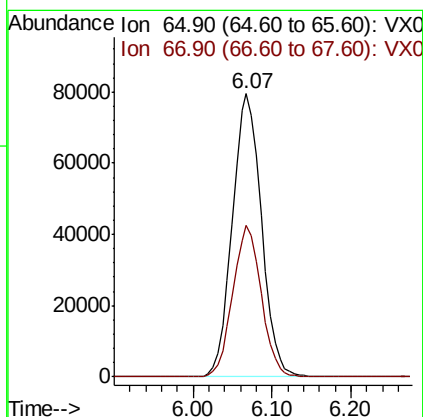
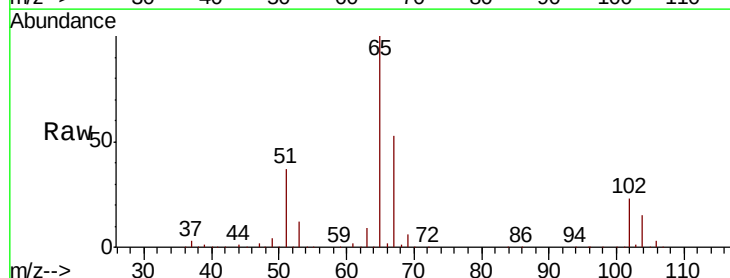
Instrument :
MSVOA_X
ClientSampleId :
FL-0561DL

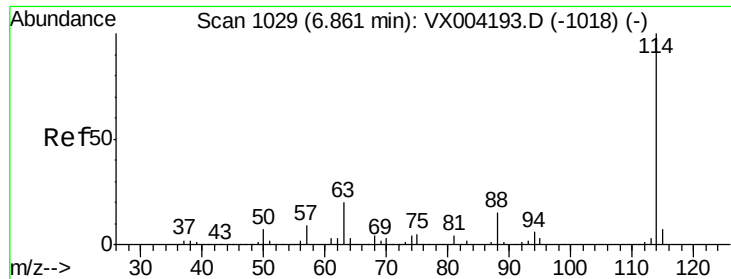
Tot Ion: 56 Resp: 52314
Ion Ratio Lower Upper
56 100
69 29.9 25.4 38.2
84 90.7 71.4 107.2



#33
1,2-Dichloroethane-d4
Concen: 49.16 ug/l
RT: 6.07 min Scan# 899
Delta R.T. -0.00 min
Lab File: VX004234.D
Acq: 23 Aug 2018 18:33

Tgt Ion: 65 Resp: 204127
Ion Ratio Lower Upper
65 100
67 52.4 0.0 106.8

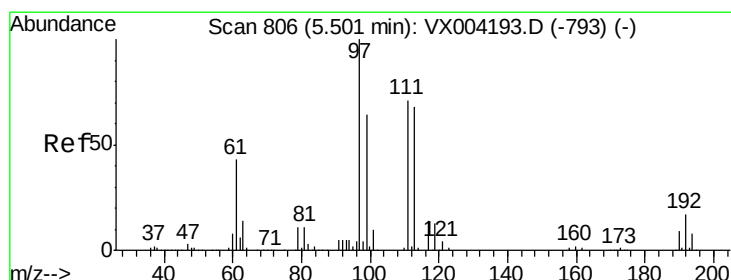
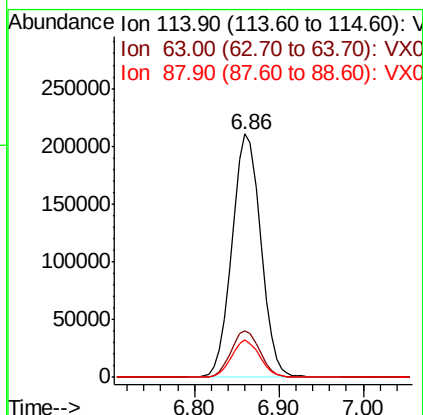
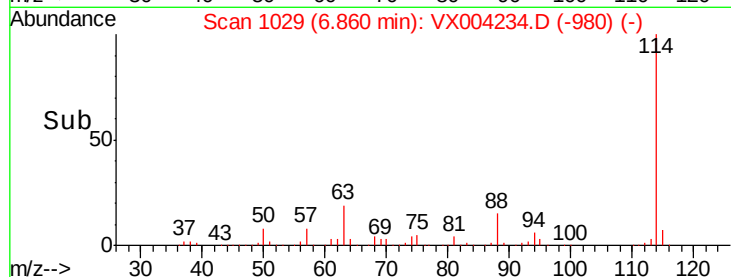
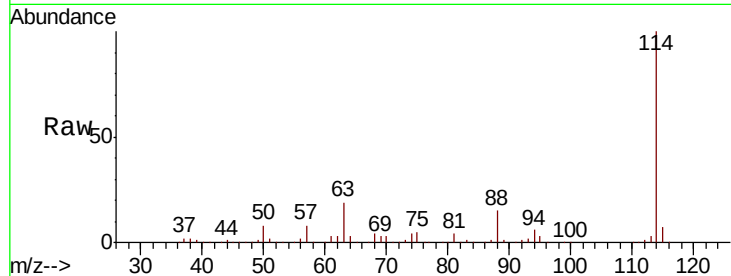




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.86 min Scan# 1029
Delta R.T. -0.00 min
Lab File: VX004234.D
Acq: 23 Aug 2018 18:33

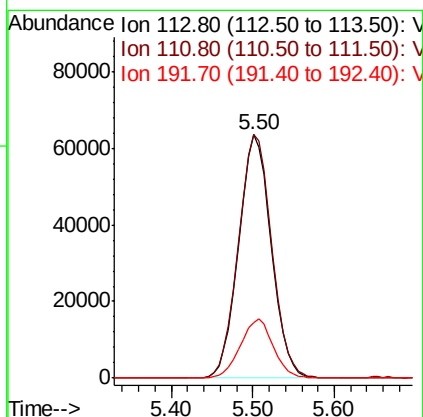
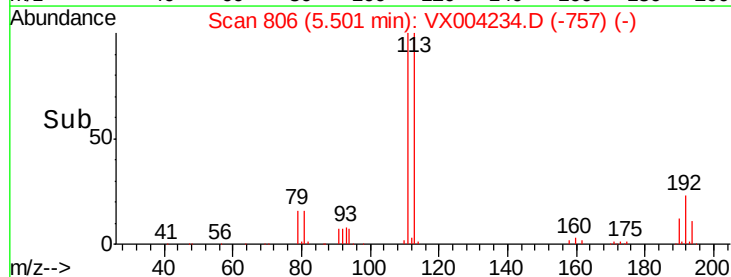
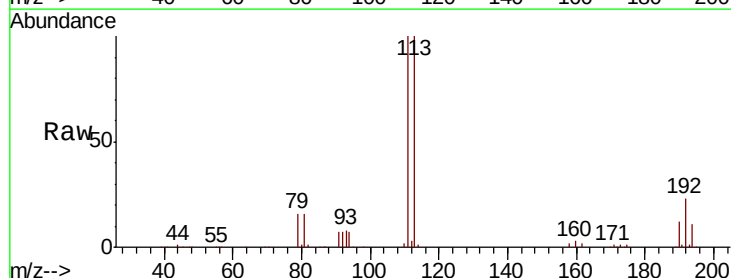
Instrument :
MSVOA_X
ClientSampled :
FL-0561DL

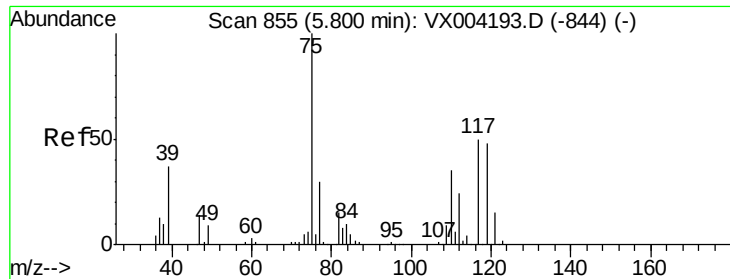
Tot Ion:114 Resp: 488069
Ion Ratio Lower Upper
114 100
63 19.3 0.0 39.0
88 15.3 0.0 30.4



#35
Dibromofluoromethane
Concen: 48.54 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX004234.D
Acq: 23 Aug 2018 18:33

Tgt Ion:113 Resp: 176253
Ion Ratio Lower Upper
113 100
111 102.2 82.4 123.6
192 24.4 19.4 29.2

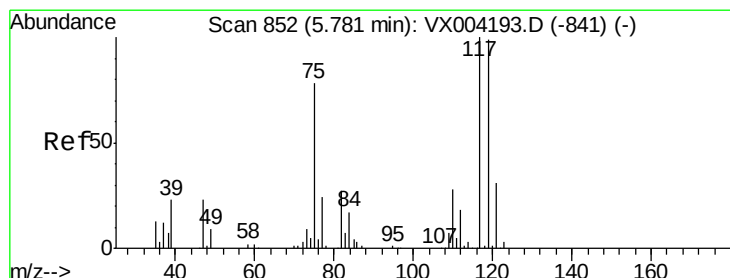
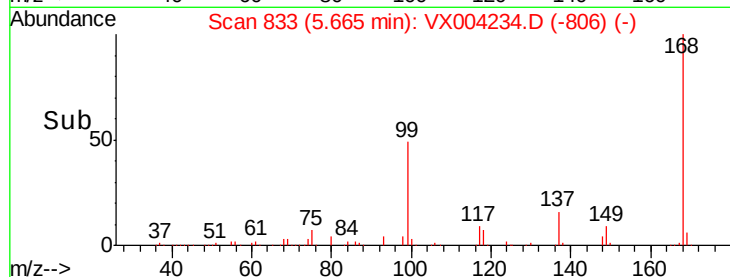
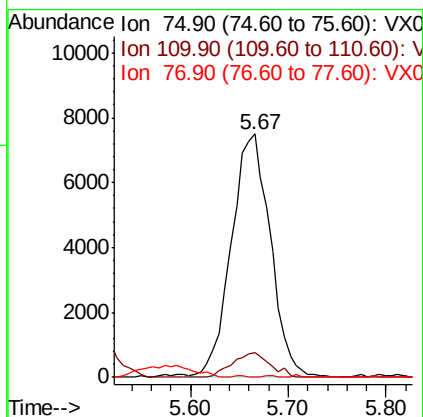
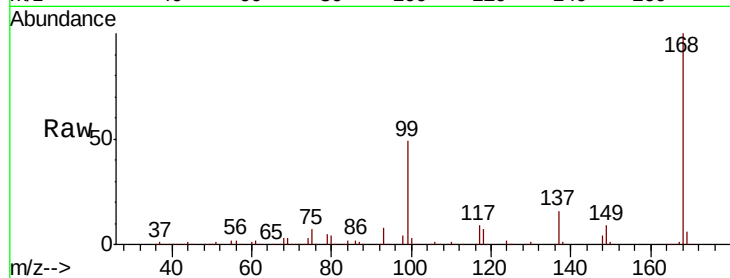




#36
 1,1-Dichloropropene
 Concen: 3.78 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.13 min
 Lab File: VX004234.D
 Acq: 23 Aug 2018 18:33

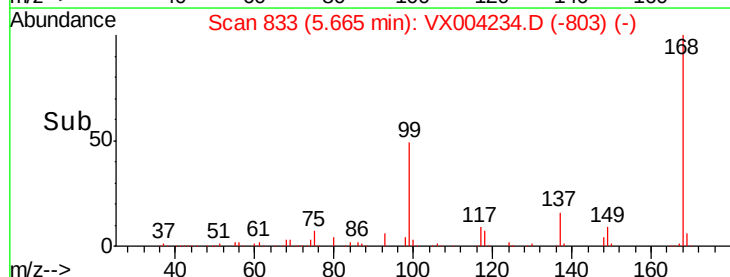
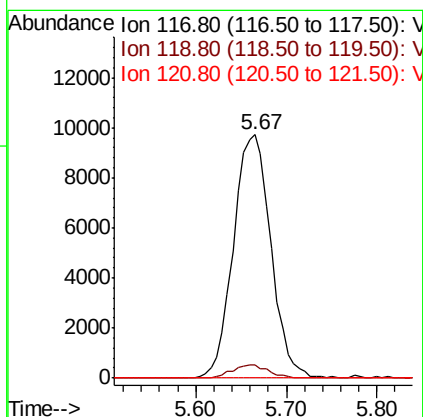
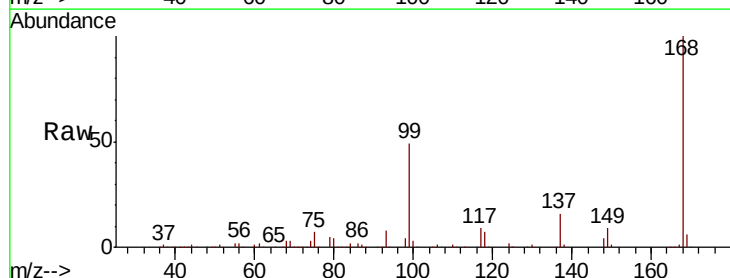
Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0561DL

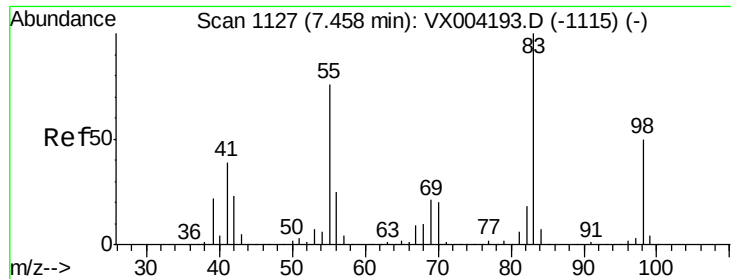
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.8	18.0	54.0#
77	0.2	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 5.38 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.12 min
 Lab File: VX004234.D
 Acq: 23 Aug 2018 18:33

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.3	78.8	118.2#
121	0.0	24.9	37.3#

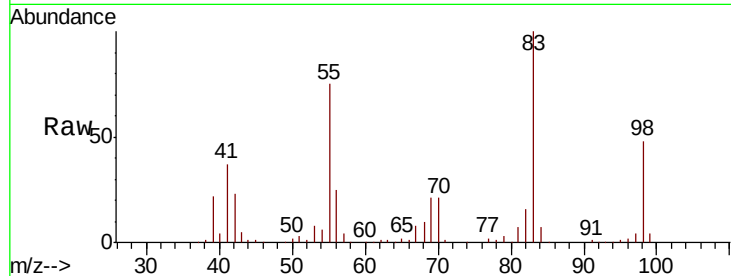




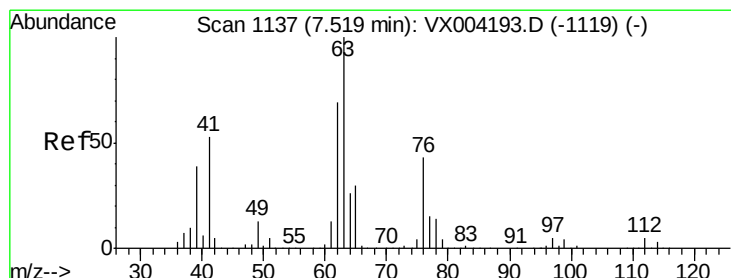
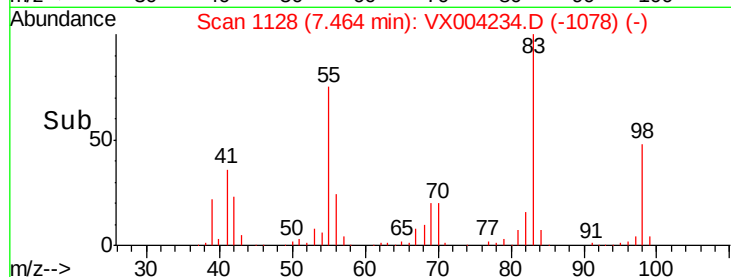
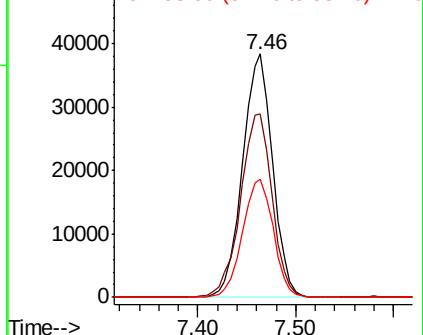
#39
Methylvlcyclohexane
Concen: 13.06 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.01 min
Lab File: VX004234.D
Acq: 23 Aug 2018 18:33

Instrument :
MSVOA_X
ClientSampled :
FL-0561DL

Tot Ion: 83 Resp: 81816
Ion Ratio Lower Upper
83 100
55 75.2 61.0 91.4
98 48.3 39.6 59.4

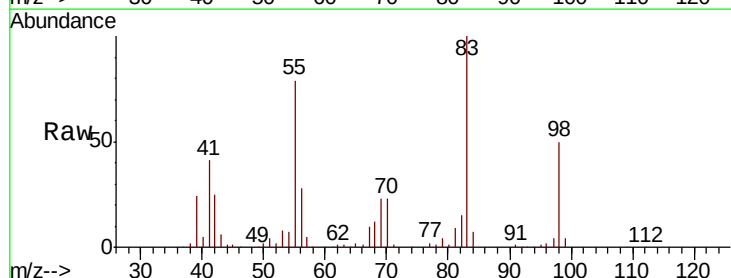


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

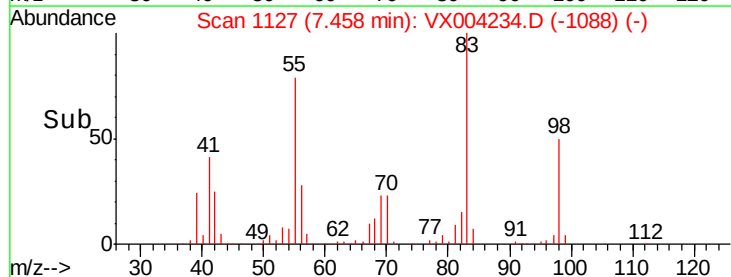
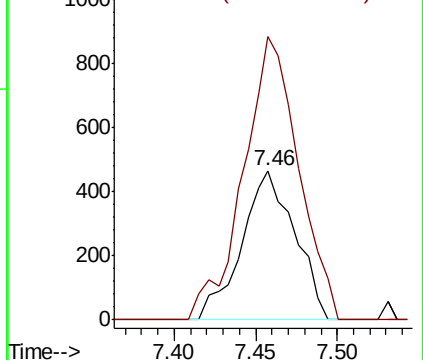


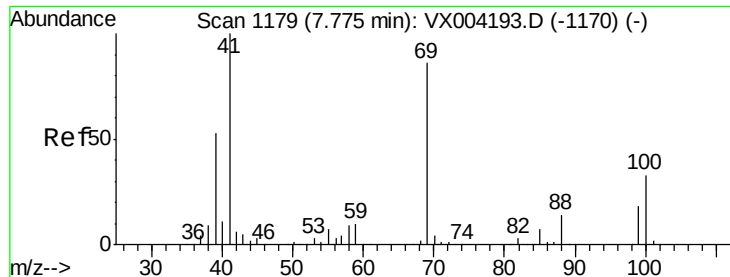
#45
1,2-Dichloropropane
Concen: 0.26 ug/l
RT: 7.46 min Scan# 1127
Delta R.T. -0.06 min
Lab File: VX004234.D
Acq: 23 Aug 2018 18:33

Tgt Ion: 63 Resp: 1054
Ion Ratio Lower Upper
63 100
65 189.7 24.3 36.5#



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 64.90 (64.60 to 65.60): VX0

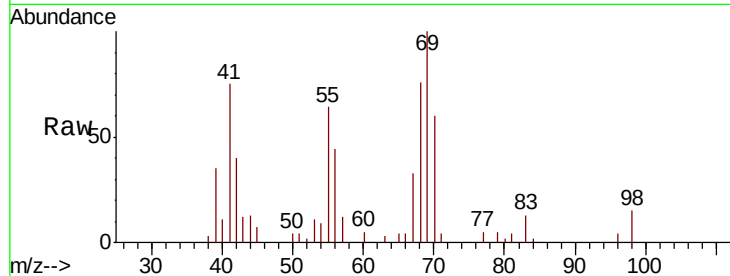




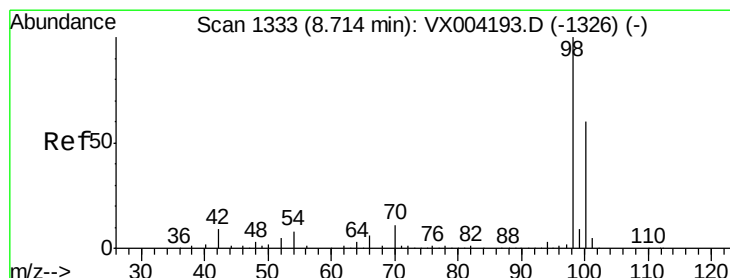
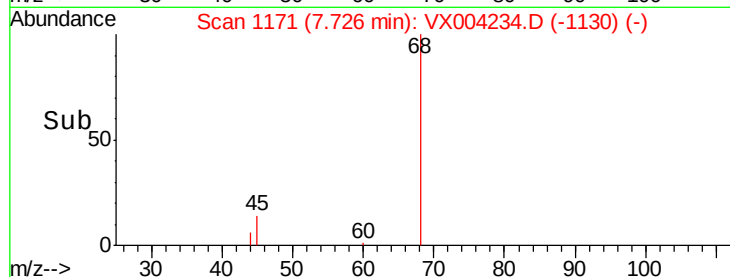
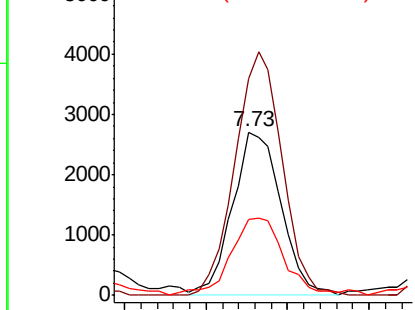
#48
Methvl methacrylate
Concen: 1.26 ug/l
RT: 7.73 min Scan# 1171
Delta R.T. -0.05 min
Lab File: VX004234.D
Acq: 23 Aug 2018 18:33

Instrument :
MSVOA_X
ClientSampled :
FL-0561DL

Tot Ion: 41 Resp: 5604
Ion Ratio Lower Upper
41 100
69 144.4 70.2 105.4#
39 51.3 42.7 64.1

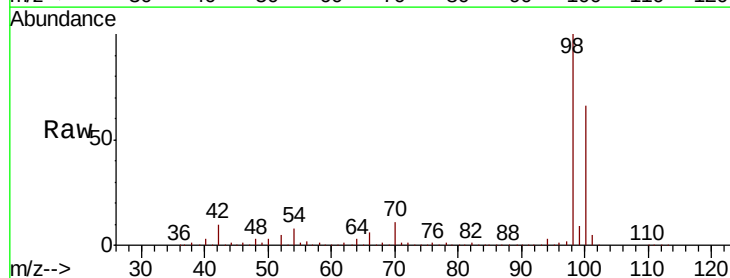


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

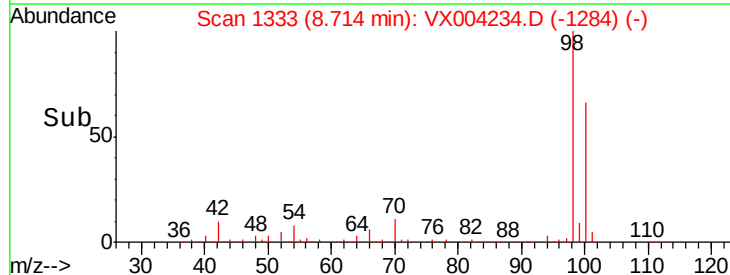
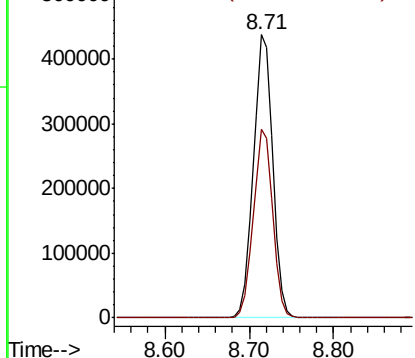


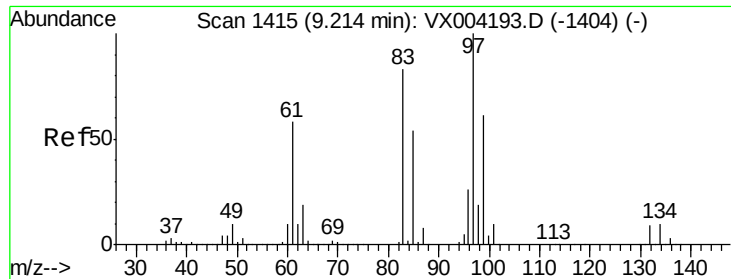
#50
Toluene-d8
Concen: 49.68 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. -0.00 min
Lab File: VX004234.D
Acq: 23 Aug 2018 18:33

Tgt Ion: 98 Resp: 680931
Ion Ratio Lower Upper
98 100
100 66.2 52.9 79.3



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

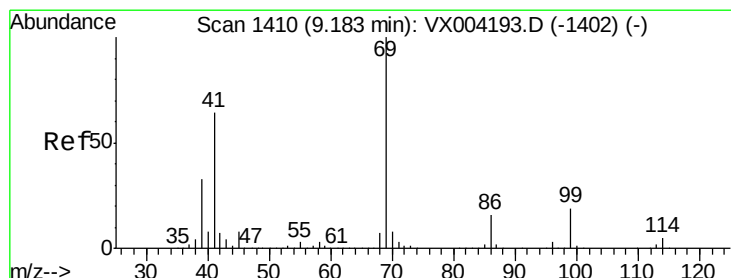
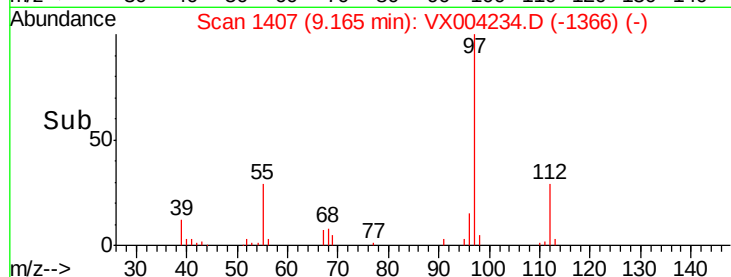
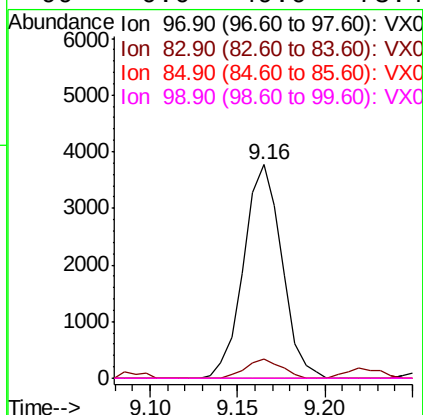
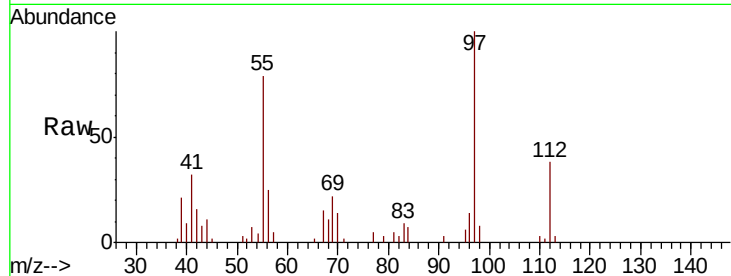




#55
 1,1,2-Trichloroethane
 Concen: 1.39 ug/l
 RT: 9.16 min Scan# 1407
 Delta R.T. -0.05 min
 Lab File: VX004234.D
 Acq: 23 Aug 2018 18:33

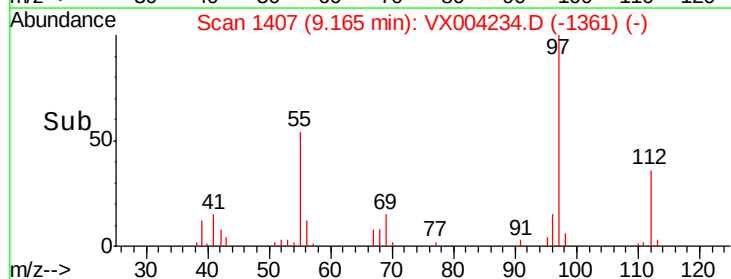
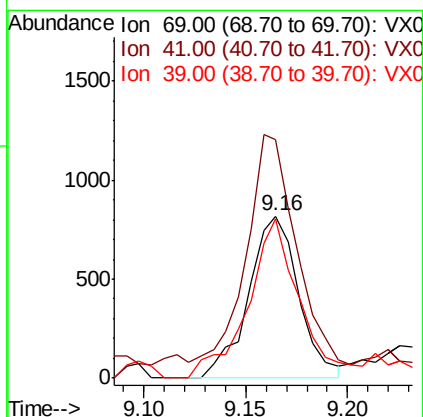
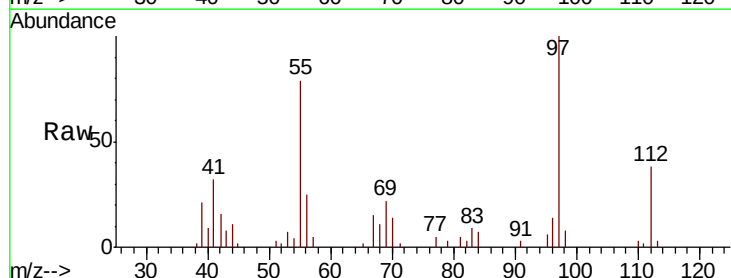
Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0561DL

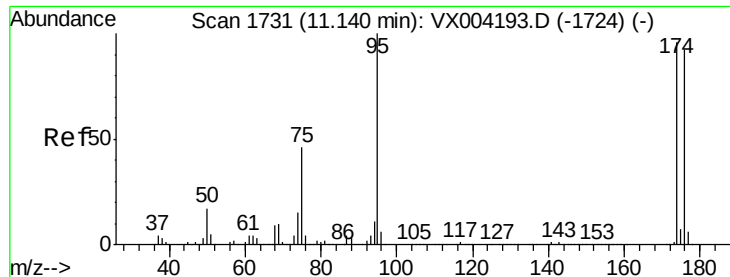
Tot Ion:	97	Resp:	5753
Ion	Ratio	Lower	Upper
97	100		
83	9.1	66.4	99.6#
85	0.0	43.3	64.9#
99	0.0	49.0	73.4#



#56
 Ethyl methacrylate
 Concen: 0.25 ug/l
 RT: 9.16 min Scan# 1407
 Delta R.T. -0.02 min
 Lab File: VX004234.D
 Acq: 23 Aug 2018 18:33

Tgt Ion:	69	Resp:	1403
Ion	Ratio	Lower	Upper
69	100		
41	139.3	51.0	76.4#
39	101.6	26.1	39.1#

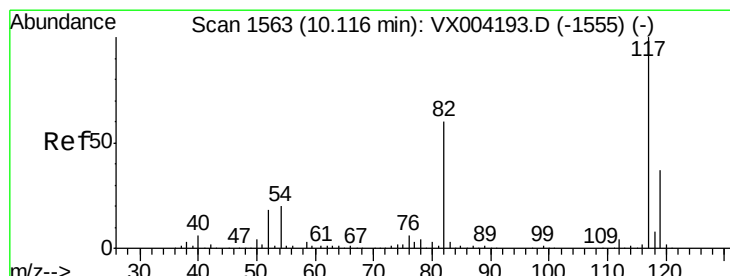
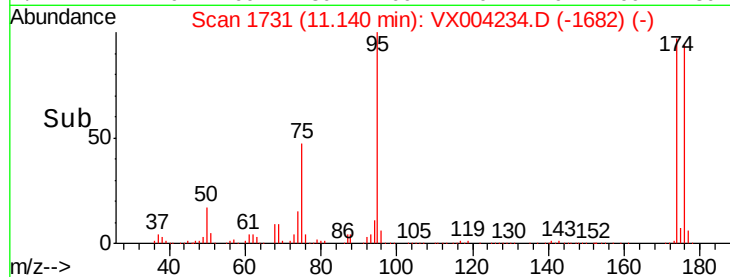
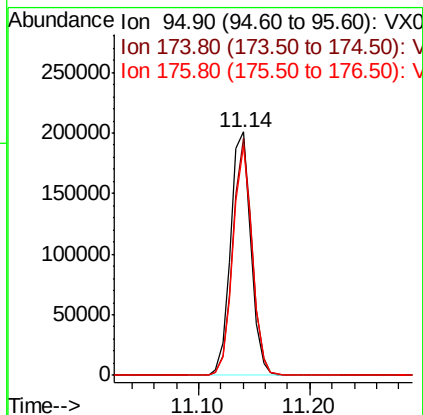
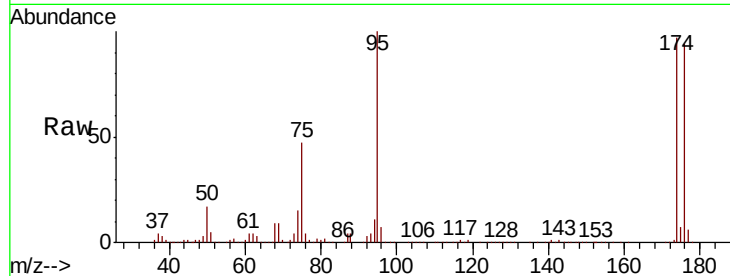




#62
4-Bromofluorobenzene
Concen: 49.60 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX004234.D
Acq: 23 Aug 2018 18:33

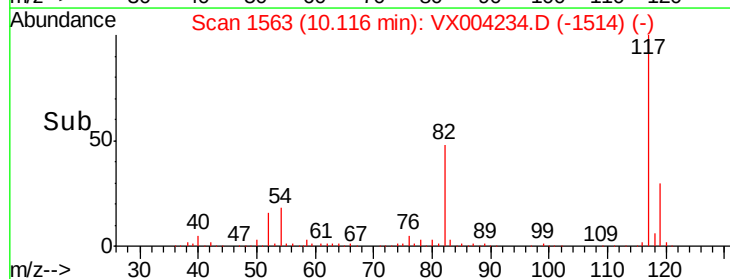
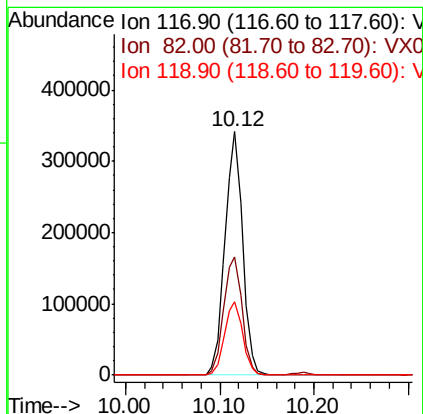
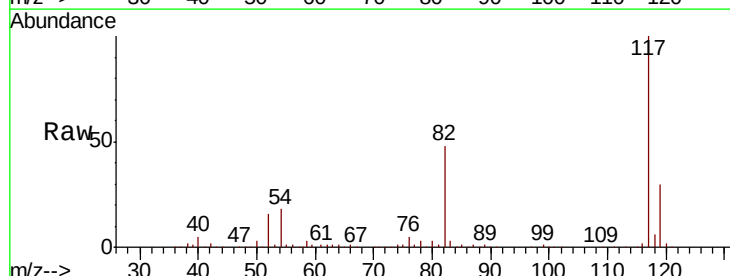
Instrument :
MSVOA_X
ClientSampled :
FL-0561DL

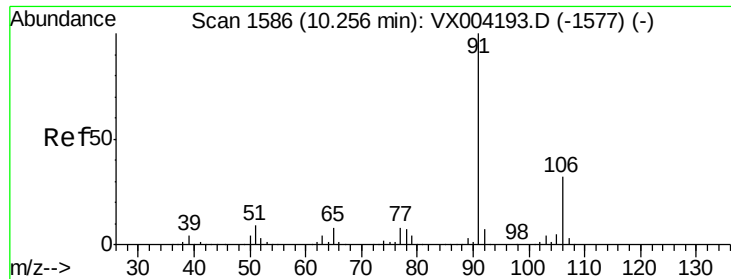
Tot Ion: 95 Resp: 253658
Ion Ratio Lower Upper
95 100
174 92.0 0.0 185.2
176 89.3 0.0 178.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004234.D
Acq: 23 Aug 2018 18:33

Tgt Ion: 117 Resp: 444730
Ion Ratio Lower Upper
117 100
82 48.4 47.8 71.6
119 30.1 29.3 43.9

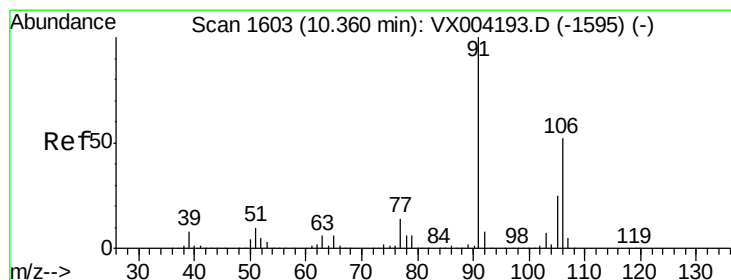
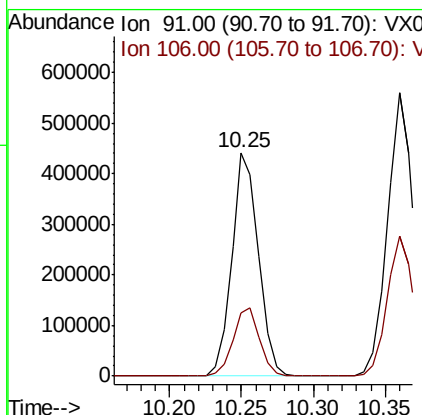
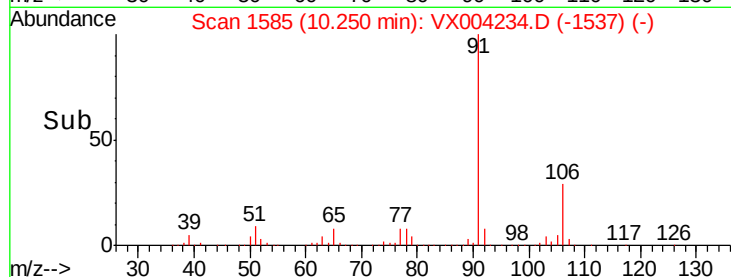
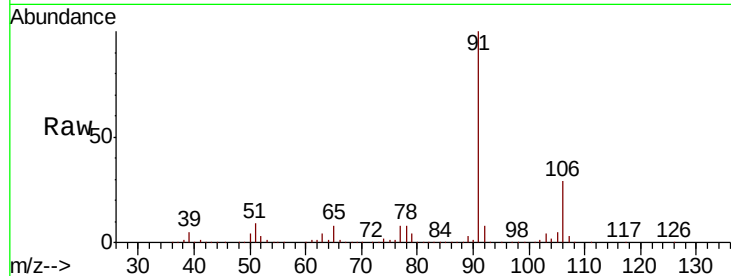




#67
Ethyl Benzene
Concen: 31.36 ug/l
RT: 10.25 min Scan# 1585
Delta R.T. -0.01 min
Lab File: VX004234.D
Acq: 23 Aug 2018 18:33

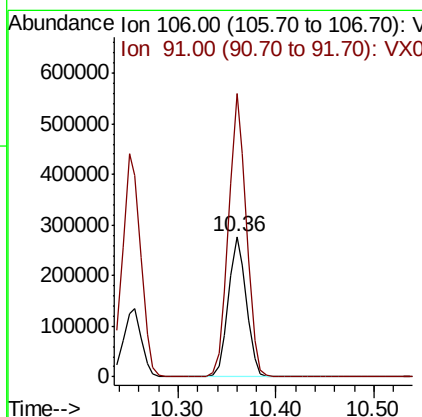
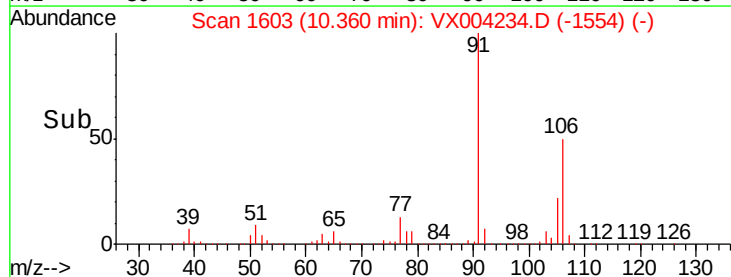
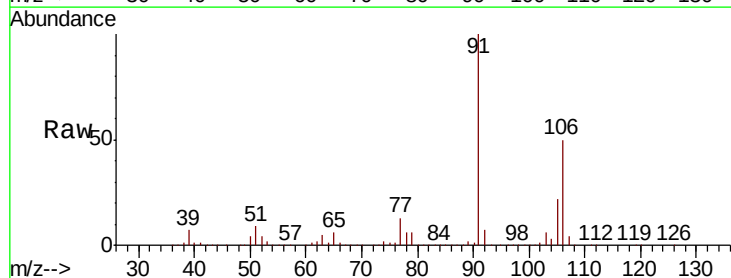
Instrument :
MSVOA_X
ClientSampleID :
FL-0561DL

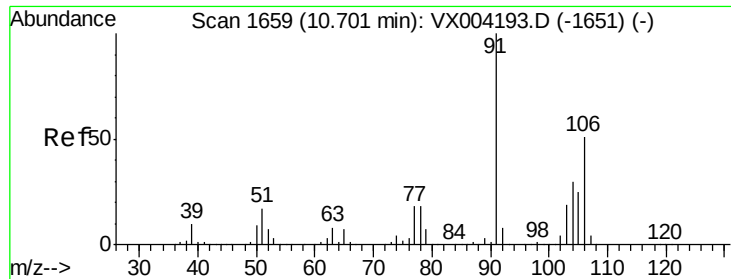
Tot Ion: 91 Resp: 568527
Ion Ratio Lower Upper
91 100
106 28.6 25.9 38.9



#68
m/p-Xylenes
Concen: 49.87 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX004234.D
Acq: 23 Aug 2018 18:33

Tgt Ion: 106 Resp: 353468
Ion Ratio Lower Upper
106 100
91 199.5 157.1 235.7

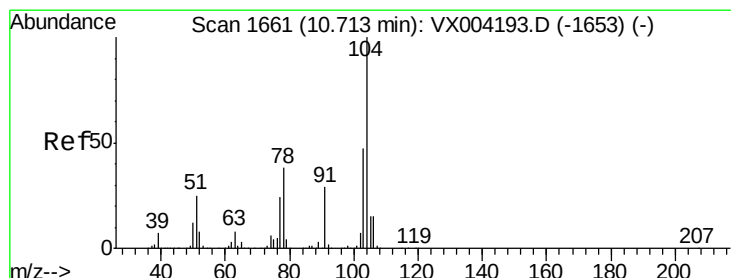
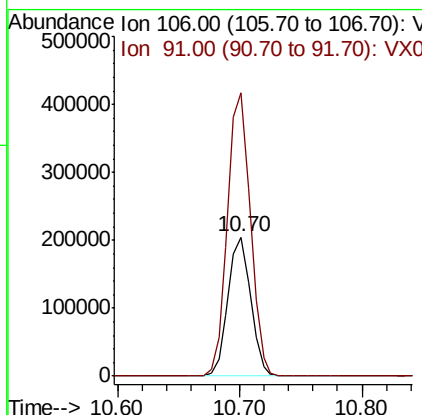
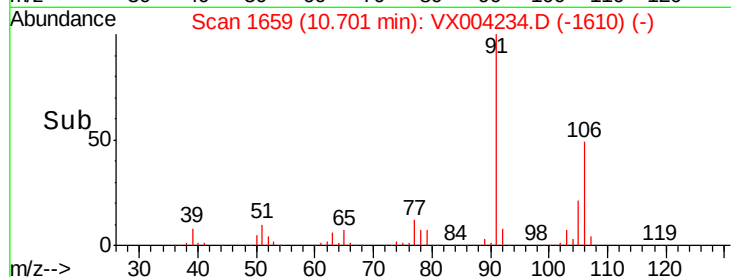
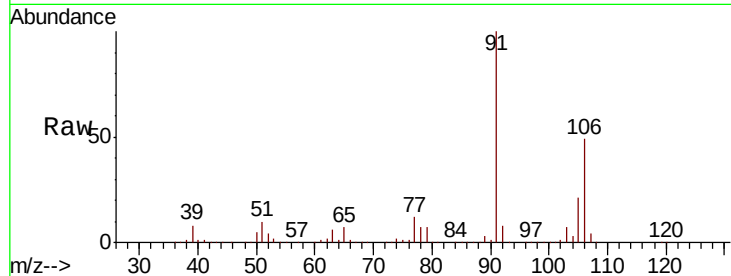




#69
o-Xylene
Concen: 39.19 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX004234.D
Acq: 23 Aug 2018 18:33

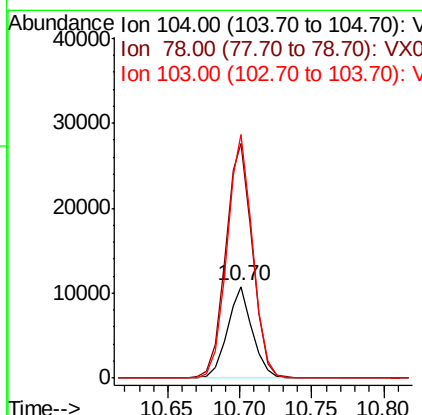
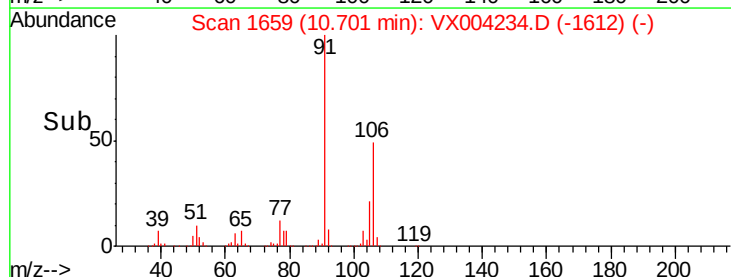
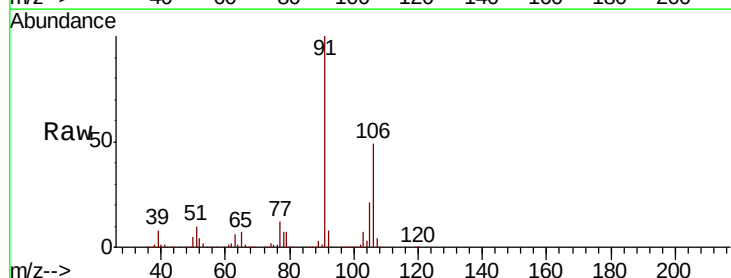
Instrument :
MSVOA_X
ClientSampled :
FL-0561DL

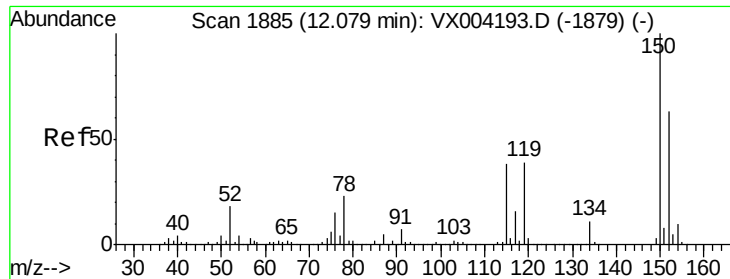
Tot Ion:106 Resp: 262776
Ion Ratio Lower Upper
106 100
91 205.9 105.1 315.1



#70
Styrene
Concen: 1.21 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX004234.D
Acq: 23 Aug 2018 18:33

Tgt Ion:104 Resp: 13158
Ion Ratio Lower Upper
104 100
78 274.3 37.4 56.0#
103 270.7 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: VX004234.D

Acq: 23 Aug 2018 18:33

Instrument :

MSVOA_X

ClientSampleId :

FL-0561DL

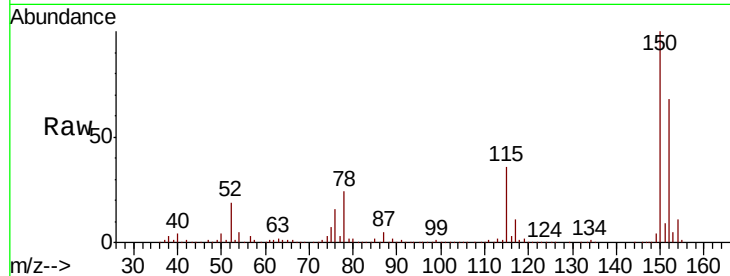
Tot Ion:152 Resp: 268239

Ion Ratio Lower Upper

152 100

115 54.8 39.0 117.0

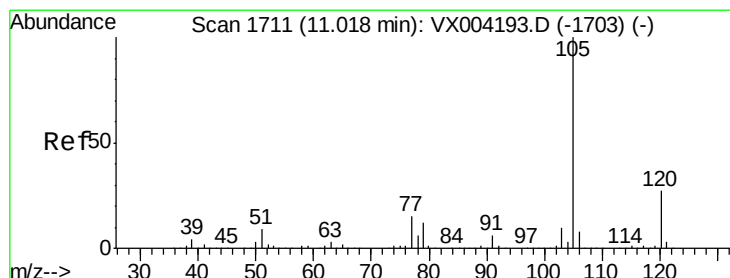
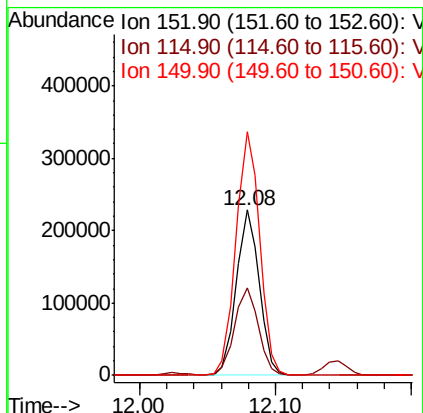
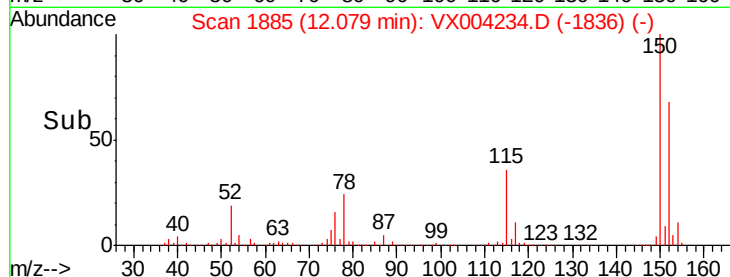
150 152.5 0.0 351.0



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: 6.02 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.00 min

Lab File: VX004234.D

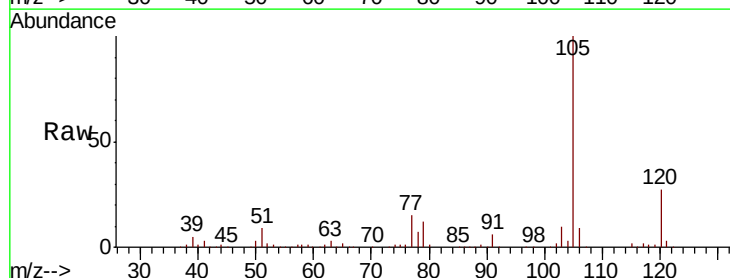
Acq: 23 Aug 2018 18:33

Tgt Ion:105 Resp: 106085

Ion Ratio Lower Upper

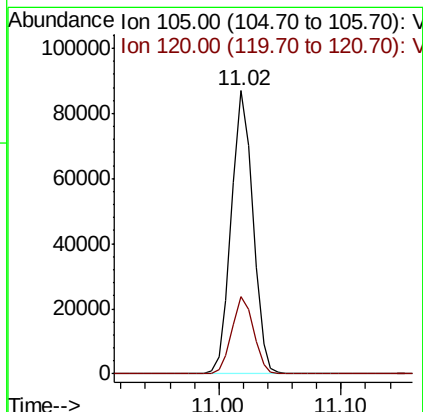
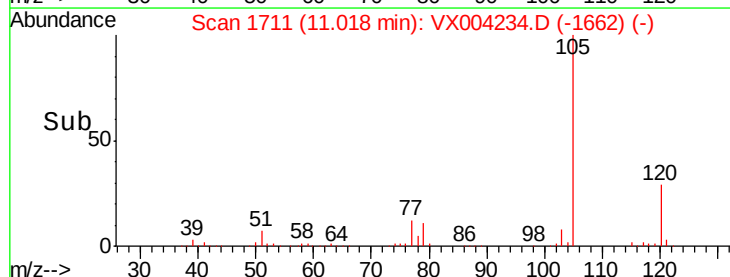
105 100

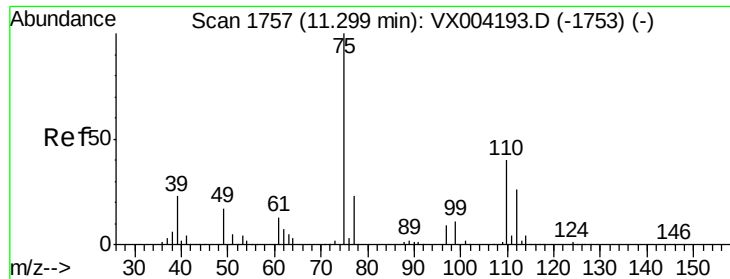
120 27.4 13.5 40.4



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: 1.64 ug/l

RT: 11.43 min Scan# 1779

Delta R.T. 0.13 min

Lab File: VX004234.D

Acq: 23 Aug 2018 18:33

Instrument :

MSVOA_X

ClientSampleId :

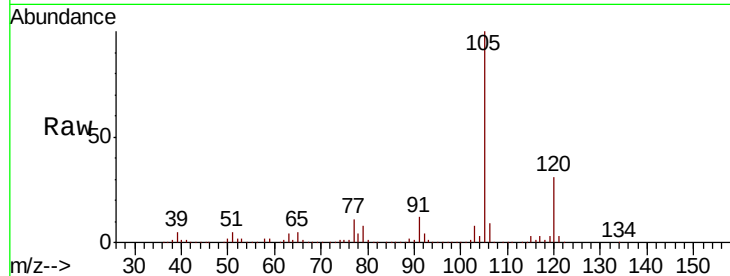
FL-0561DL

Tot Ion: 75 Resp: 8939

Ion Ratio Lower Upper

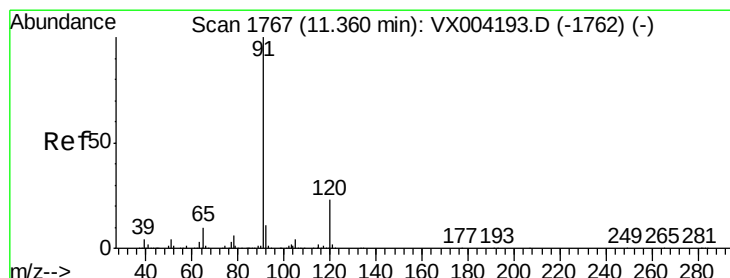
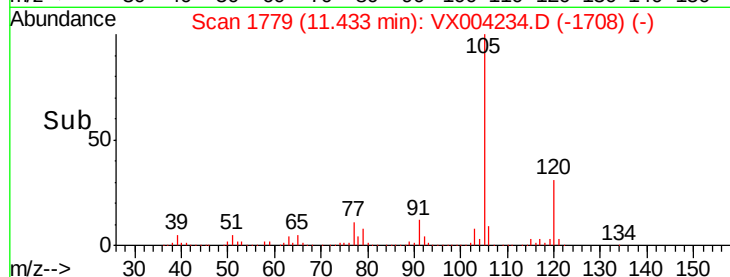
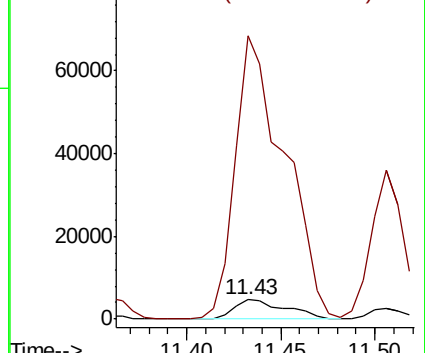
75 100

77 1396.5 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: 8.45 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VX004234.D

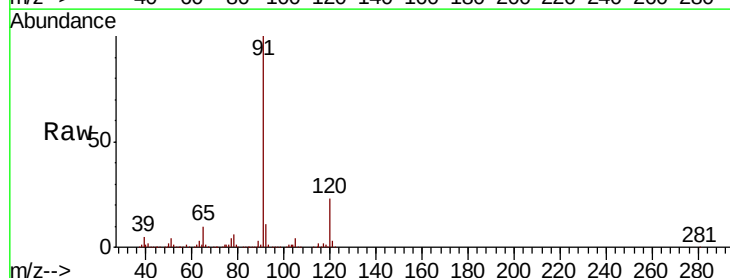
Acq: 23 Aug 2018 18:33

Tgt Ion: 91 Resp: 171158

Ion Ratio Lower Upper

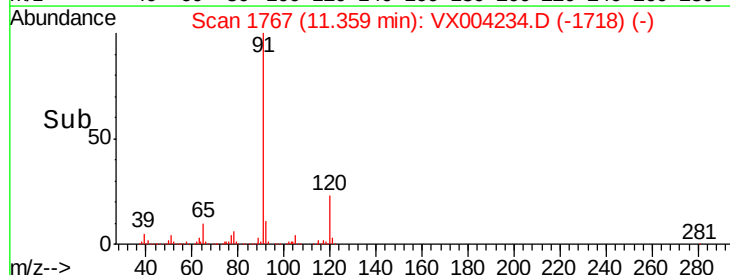
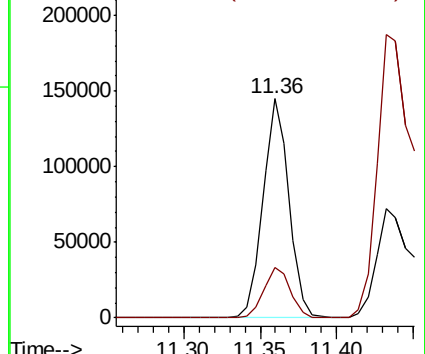
91 100

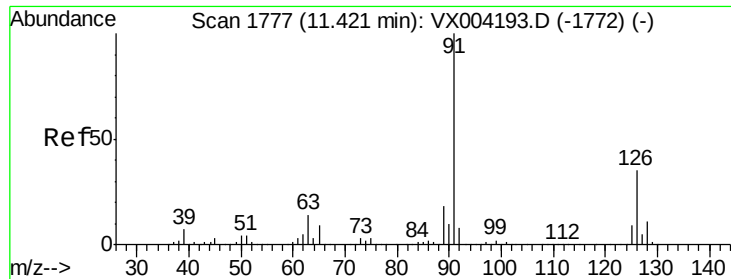
120 23.5 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 10.38 ug/l

RT: 11.43 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VX004234.D

Acq: 23 Aug 2018 18:33

Instrument :

MSVOA_X

ClientSampleID :

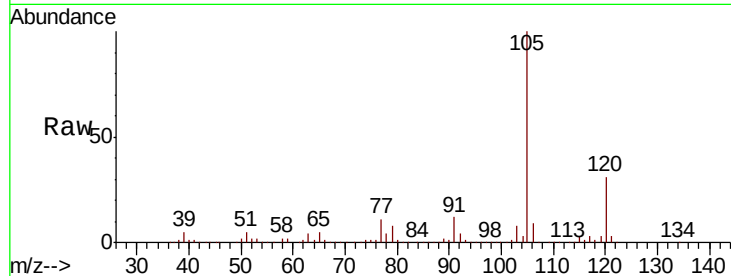
FL-0561DL

Tot Ion: 91 Resp: 129512

Ion Ratio Lower Upper

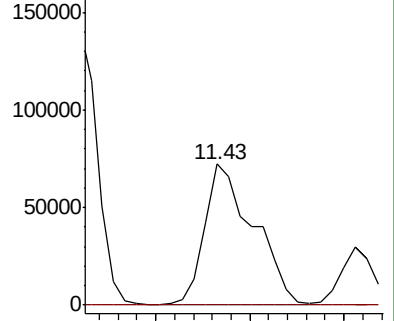
91 100

126 0.0 17.9 53.7#

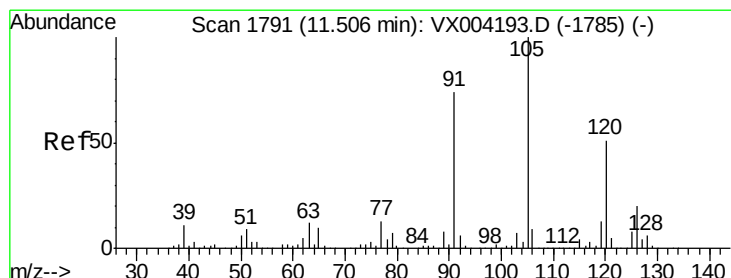
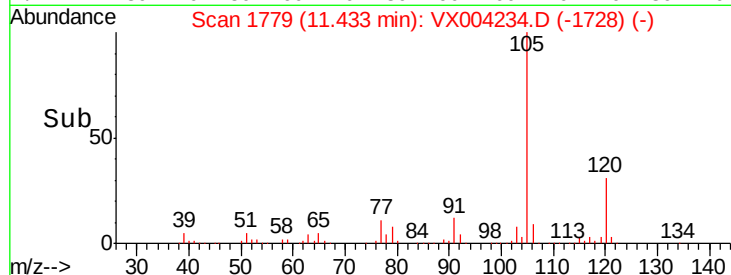


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 23.54 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX004234.D

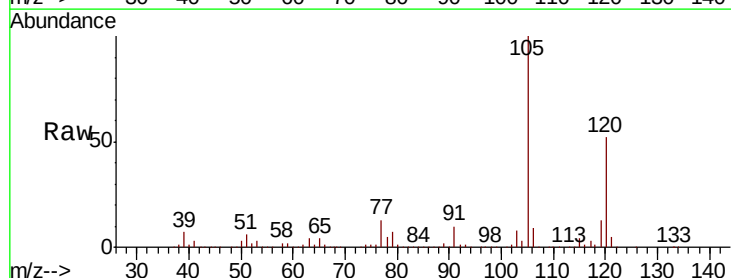
Acq: 23 Aug 2018 18:33

Tgt Ion:105 Resp: 343447

Ion Ratio Lower Upper

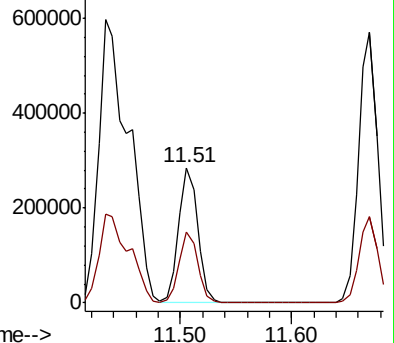
105 100

120 51.4 25.6 76.8

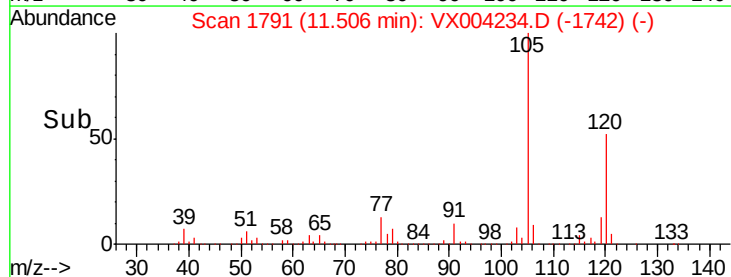


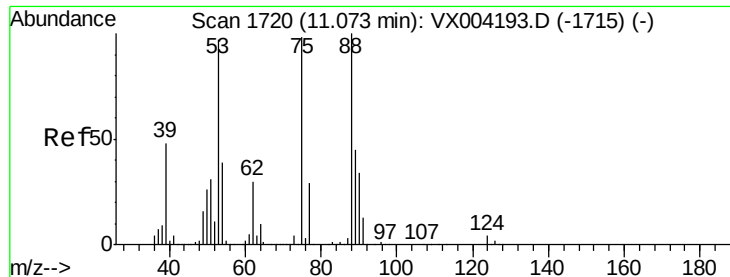
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 72.46 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.07 min

Lab File: VX004234.D

Acq: 23 Aug 2018 18:33

Instrument :

MSVOA_X

ClientSampled :

FL-0561DL

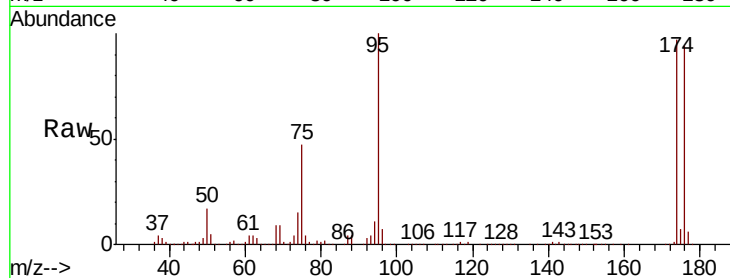
Tot Ion: 75 Resp: 121832

Ion Ratio Lower Upper

75 100

53 0.1 80.1 120.1#

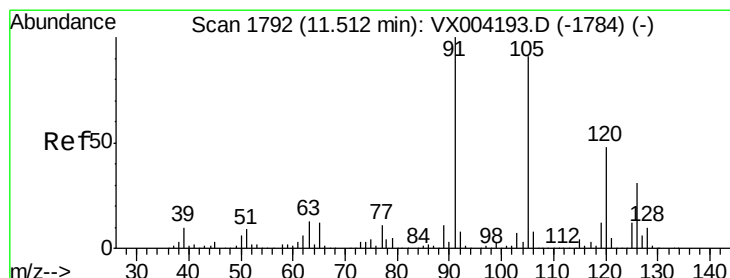
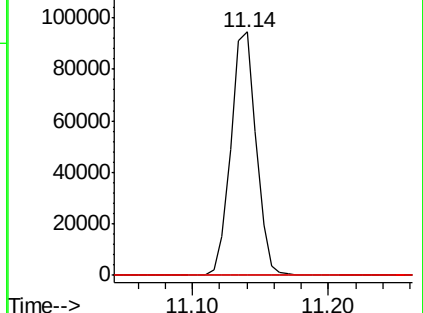
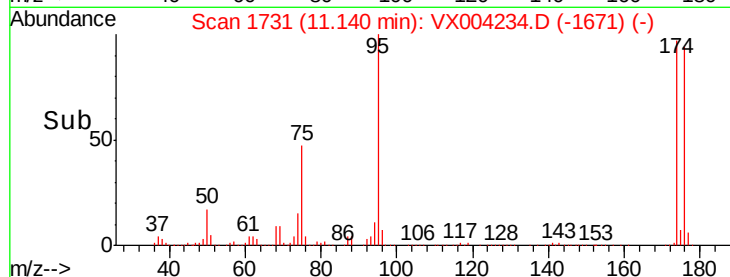
89 0.0 37.2 55.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 2.40 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX004234.D

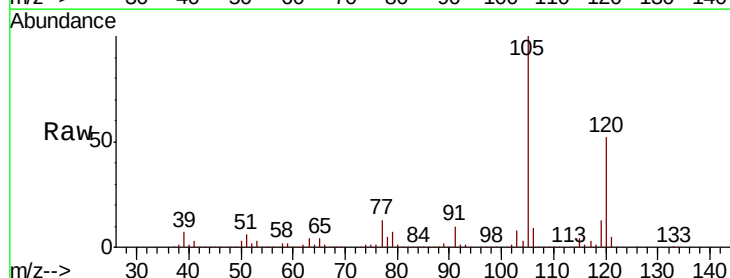
Acq: 23 Aug 2018 18:33

Tgt Ion: 91 Resp: 35175

Ion Ratio Lower Upper

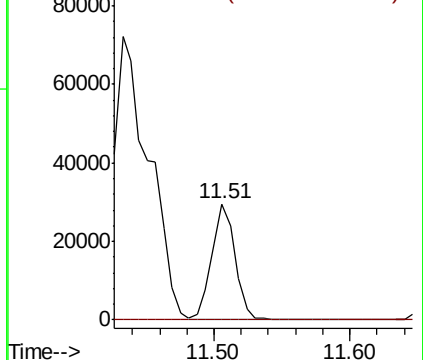
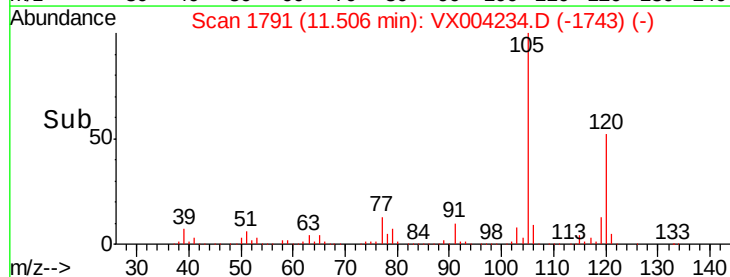
91 100

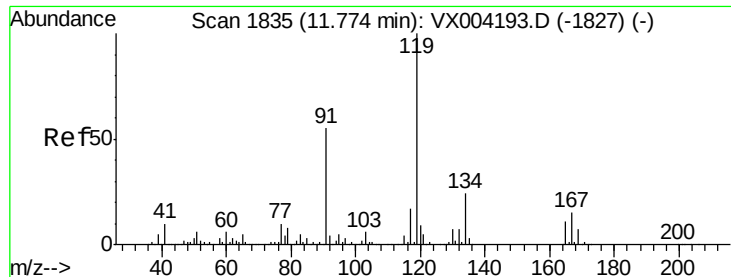
126 0.3 15.5 46.5#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

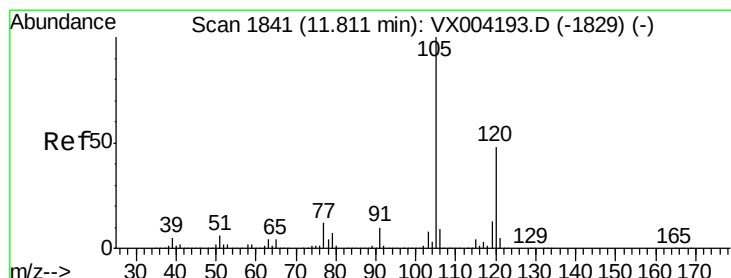
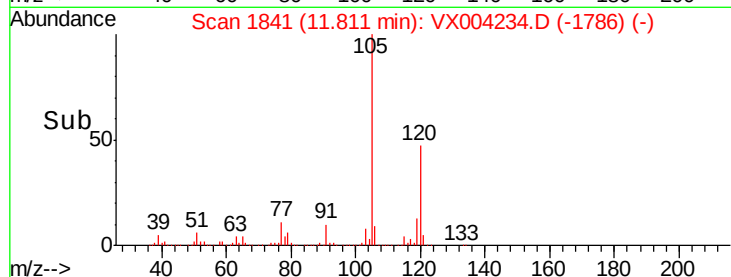
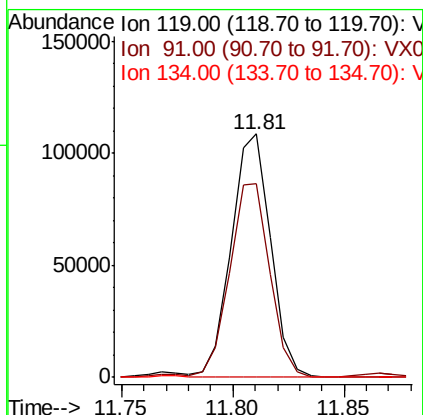
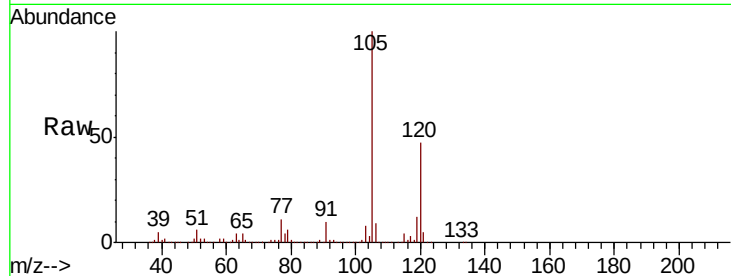




#83
 tert-Butylbenzene
 Concen: 9.07 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.04 min
 Lab File: VX004234.D
 Acq: 23 Aug 2018 18:33

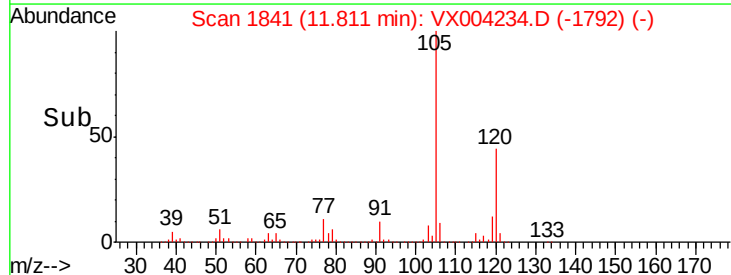
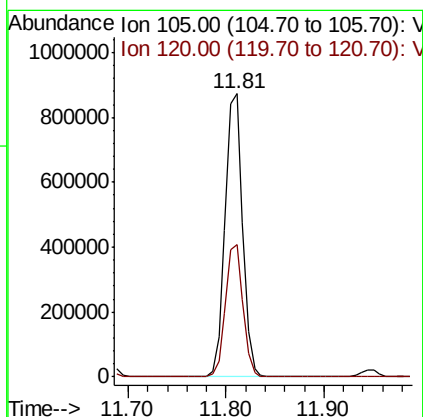
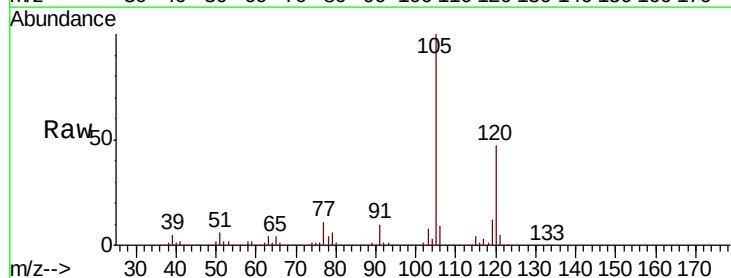
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0561DL

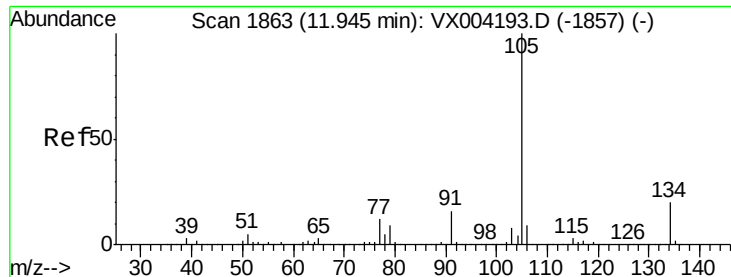
Tot Ion:119 Resp: 133190
 Ion Ratio Lower Upper
 119 100
 91 82.9 27.0 81.0#
 134 0.0 11.7 35.1#



#84
 1,2,4-Trimethylbenzene
 Concen: 72.40 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX004234.D
 Acq: 23 Aug 2018 18:33

Tgt Ion:105 Resp: 1084300
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.2 69.6





#85

sec-Butylbenzene

Concen: 62.21 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.13 min

Lab File: VX004234.D

Acq: 23 Aug 2018 18:33

Instrument :

MSVOA_X

ClientSampled :

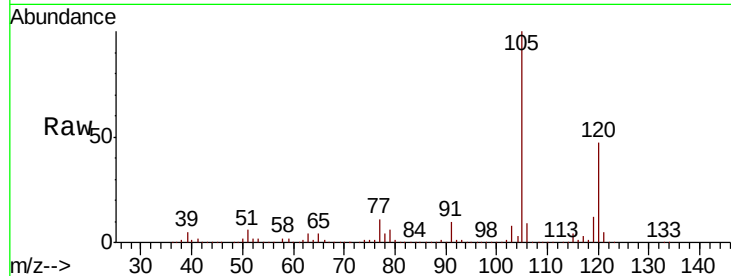
FL-0561DL

Tot Ion:105 Resp: 1084172

Ion Ratio Lower Upper

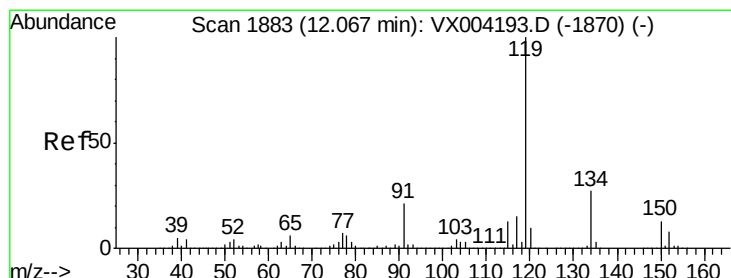
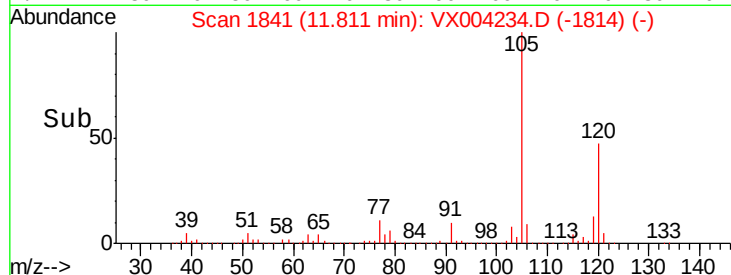
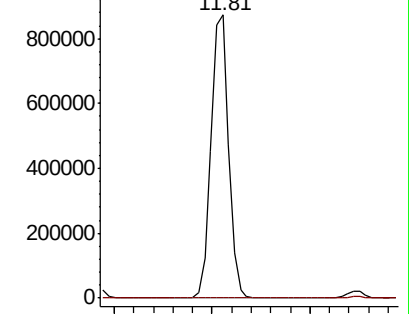
105 100

134 0.0 10.5 31.5#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 1.96 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX004234.D

Acq: 23 Aug 2018 18:33

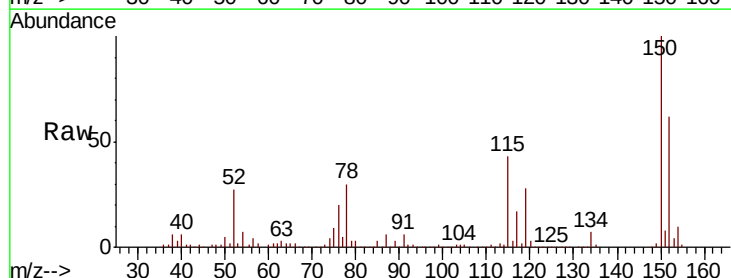
Tgt Ion:119 Resp: 30536

Ion Ratio Lower Upper

119 100

134 27.4 13.4 40.2

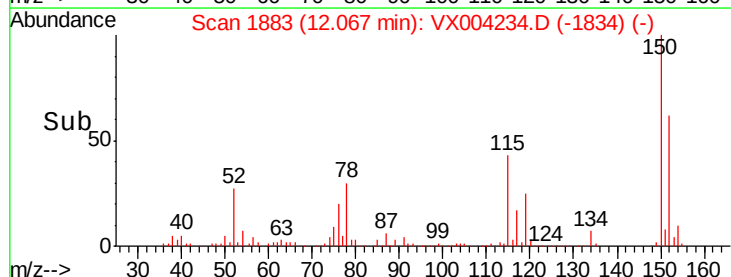
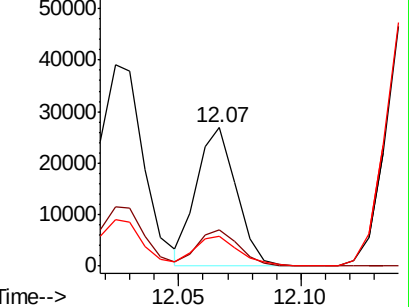
91 23.6 10.9 32.7

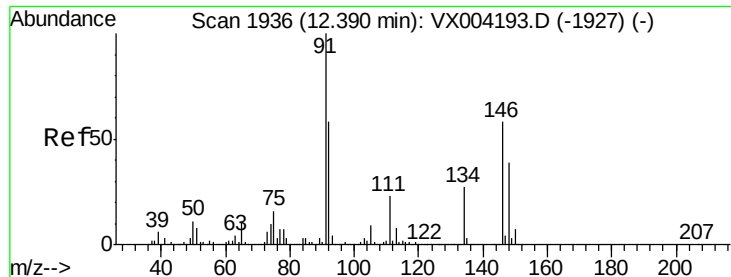


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#89

n-Butylbenzene

Concen: 2.54 ug/l

RT: 12.38 min Scan# 1934

Delta R.T. -0.01 min

Lab File: VX004234.D

Acq: 23 Aug 2018 18:33

Instrument :

MSVOA_X

ClientSampled :

FL-0561DL

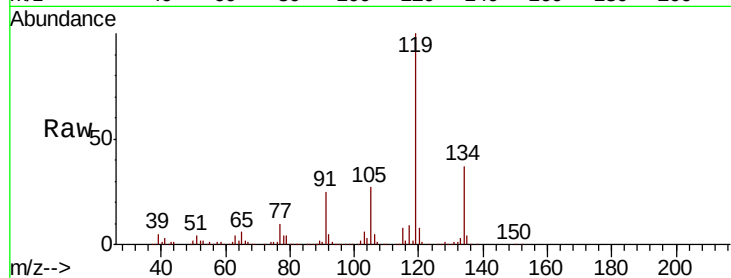
Tot Ion: 91 Resp: 32202

Ion Ratio Lower Upper

91 100

92 31.3 27.3 81.9

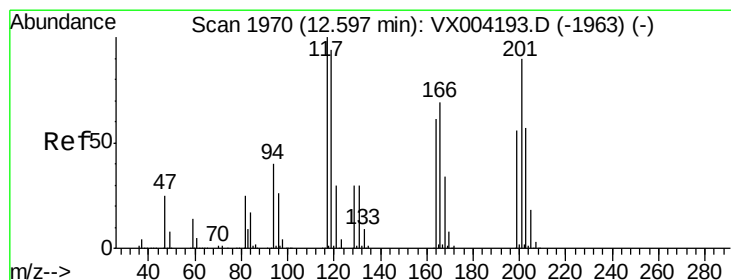
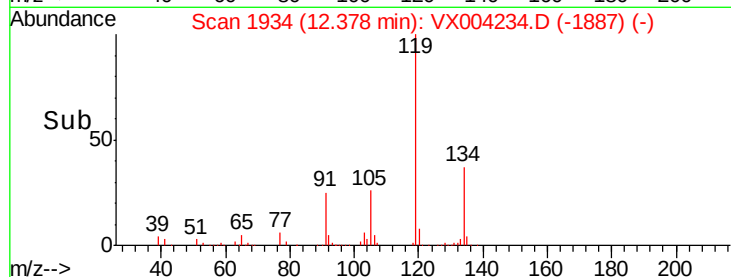
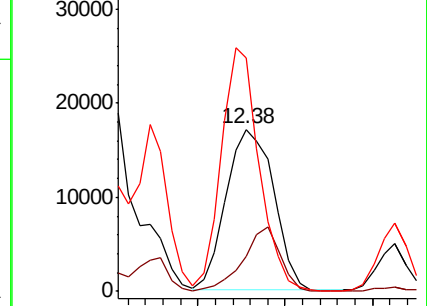
134 121.0 13.6 40.7#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 3.12 ug/l

RT: 12.59 min Scan# 1969

Delta R.T. -0.01 min

Lab File: VX004234.D

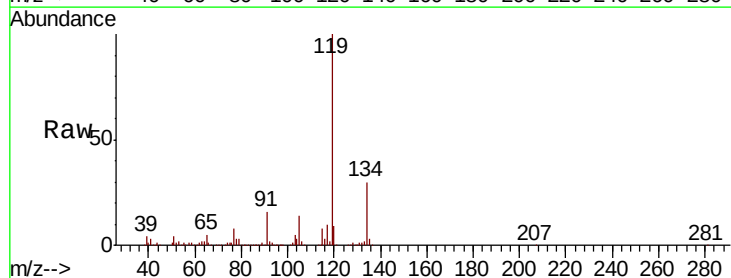
Acq: 23 Aug 2018 18:33

Tgt Ion: 117 Resp: 6810

Ion Ratio Lower Upper

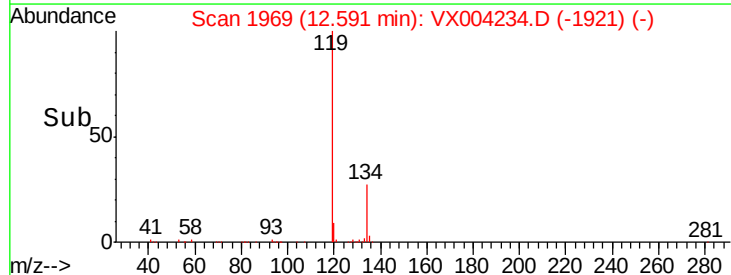
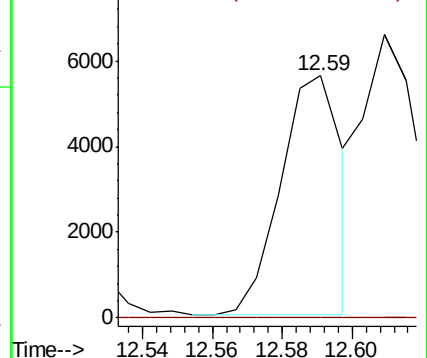
117 100

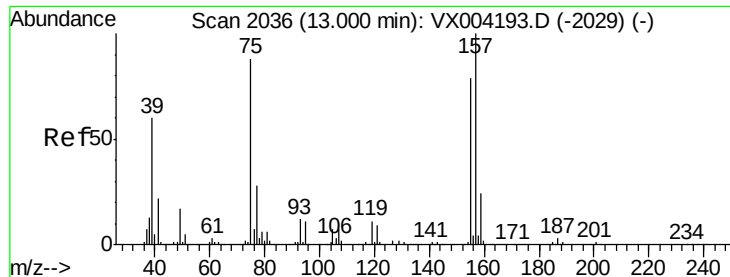
201 0.0 46.9 140.6#



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: 0.65 ug/l

RT: 13.02 min Scan# 2039

Delta R.T. 0.02 min

Lab File: VX004234.D

Acq: 23 Aug 2018 18:33

Instrument :

MSVOA_X

ClientSampleId :

FL-0561DL

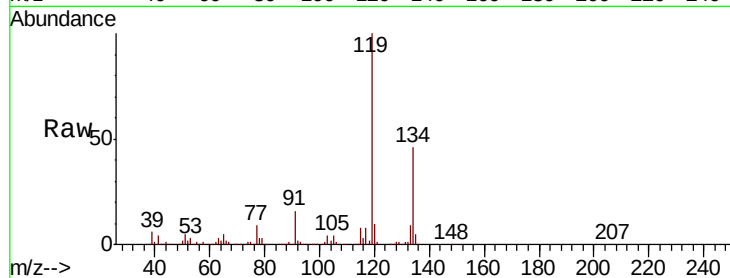
Tot Ion: 75 Resp: 704

Ion Ratio Lower Upper

75 100

155 0.0 48.0 144.2#

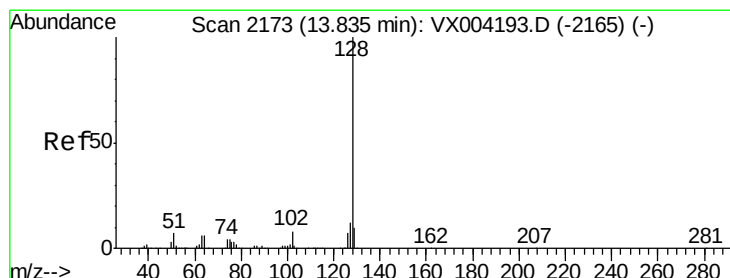
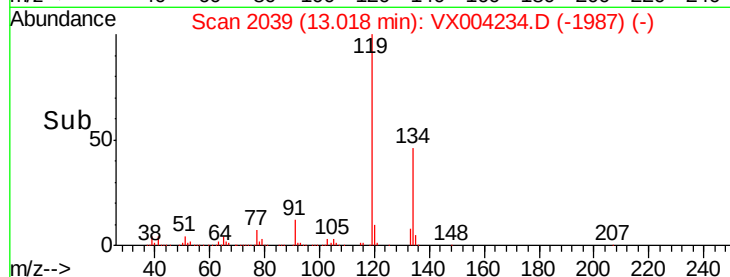
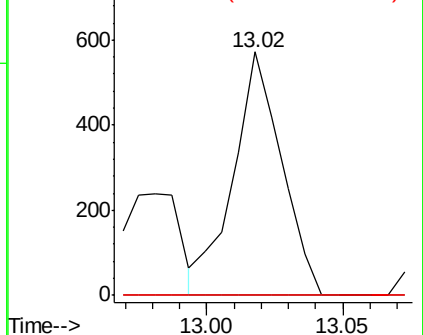
157 0.0 61.4 184.1#



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



#95

Naphthalene

Concen: 10.21 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. -0.00 min

Lab File: VX004234.D

Acq: 23 Aug 2018 18:33

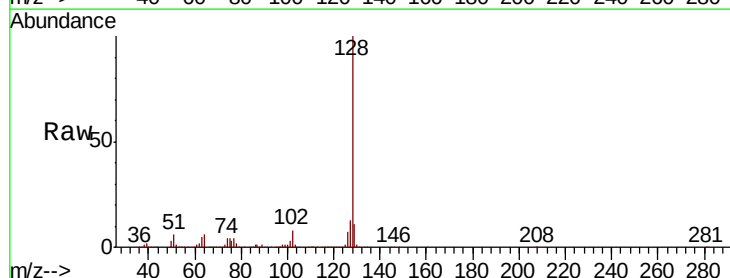
Tgt Ion:128 Resp: 178707

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

129 11.1 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

