

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082318\
 Data File : VX004221.D
 Acq On : 23 Aug 2018 12:47
 Operator : JC/MD
 Sample : J4579-04DL 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0544DL

Quant Time: Aug 24 09:37:32 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	312083	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	469146	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	413849	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	252743	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	199455	49.04	ug/l	0.00
Spiked Amount			Recovery	=	98.08%	
35) Dibromofluoromethane	5.50	113	171511	49.14	ug/l	0.00
Spiked Amount			Recovery	=	98.28%	
50) Toluene-d8	8.71	98	656141	49.81	ug/l	0.00
Spiked Amount			Recovery	=	99.62%	
62) 4-Bromofluorobenzene	11.14	95	241040	49.04	ug/l	0.00
Spiked Amount			Recovery	=	98.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	1632	0.70	ug/l	96
5) Bromomethane	1.64	94	1260	Below Cal		85
6) Chloroethane	1.67	64	457	1.11	ug/l #	46
10) Methyl Iodide	2.51	142	1014	4.50	ug/l	94
13) Acrolein	2.29	56	75	0.36	ug/l #	16
14) Allyl chloride	2.84	41	18822	3.10	ug/l #	65
15) Acrylonitrile	3.15	53	1776	0.83	ug/l #	48
16) Acetone	2.45	43	2813	Below Cal		94
17) Carbon Disulfide	2.57	76	912	0.90	ug/l #	89
18) Methyl Acetate	2.84	43	49233	8.16	ug/l #	51
20) Methylene Chloride	2.86	84	1697	0.43	ug/l #	61
25) 2-Butanone	4.70	43	155	Below Cal	#	47
26) 2,2-Dichloropropane	4.77	77	1320	0.25	ug/l #	52
29) Tetrahydrofuran	5.17	42	797	0.46	ug/l #	88
31) Cyclohexane	5.57	56	130713	22.92	ug/l	96
36) 1,1-Dichloropropene	5.67	75	20271	3.84	ug/l #	49
38) Carbon Tetrachloride	5.66	117	27274	5.50	ug/l #	15
39) Methylcyclohexane	7.46	83	62452	10.37	ug/l	98
45) 1,2-Dichloropropane	7.46	63	793	0.20	ug/l #	1
48) Methyl methacrylate	7.73	41	1889	0.44	ug/l #	39
51) 4-Methyl-2-Pentanone	8.67	43	1243	0.21	ug/l #	34
55) 1,1,2-Trichloroethane	9.17	97	2578	0.65	ug/l #	21
67) Ethyl Benzene	10.25	91	574718	34.07	ug/l	93
68) m/p-Xylenes	10.36	106	527212	79.93	ug/l	99
69) o-Xylene	10.70	106	158480	25.40	ug/l	96
70) Styrene	10.70	104	8327	0.82	ug/l #	1
73) Isopropylbenzene	11.02	105	35740	2.15	ug/l	99
76) 1,2,3-Trichloropropane	11.13	75	114733	22.32	ug/l #	37
78) n-propylbenzene	11.36	91	53229	2.79	ug/l	98
79) 2-Chlorotoluene	11.43	91	25571	2.18	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.51	105	98664	7.18	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.13	75	114733	72.42	ug/l #	10
82) 4-Chlorotoluene	11.51	91	9971	0.72	ug/l #	47
83) tert-Butylbenzene	11.77	119	3011	0.22	ug/l	96

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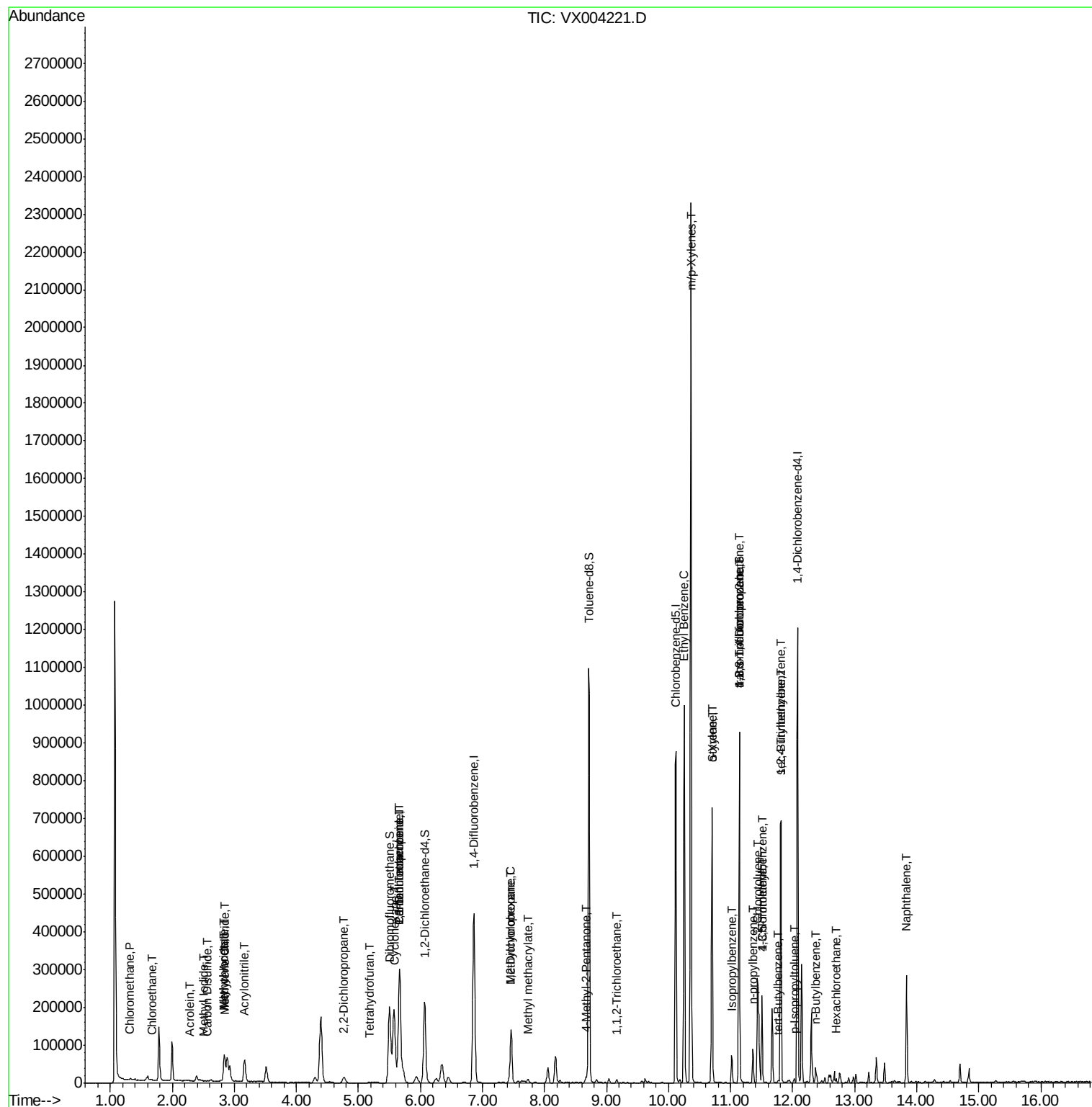
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	11.81	105	317420	22.49	ug/l	99
85) sec-Butylbenzene	11.81	105	317348	19.33	ug/l #	55
86) p-Isopropyltoluene	12.02	119	4957	0.34	ug/l	92
89) n-Butylbenzene	12.38	91	6285	0.53	ug/l #	34
90) Hexachloroethane	12.70	117	3283	1.60	ug/l #	3
94) Hexachlorobutadiene	13.78	225	161	Below	Cal	85
95) Naphthalene	13.83	128	172927	10.49	ug/l	100

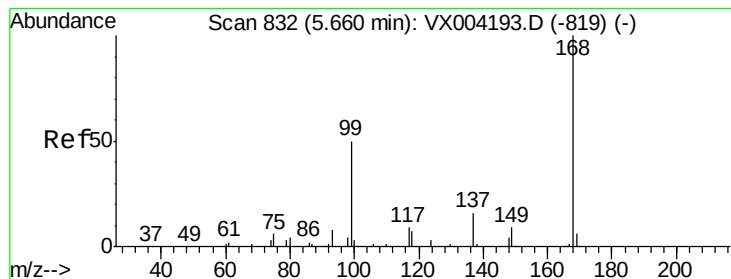
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX004221.D

Acq: 23 Aug 2018 12:47

Instrument :

MSVOA_X

ClientSampleID :

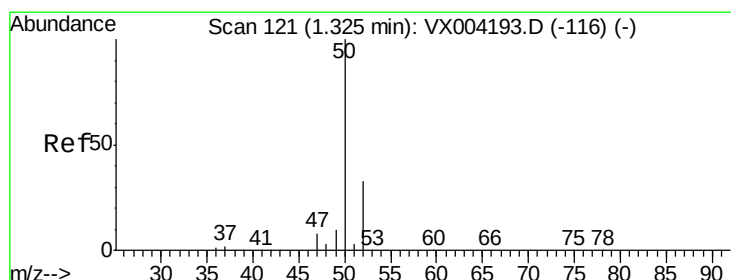
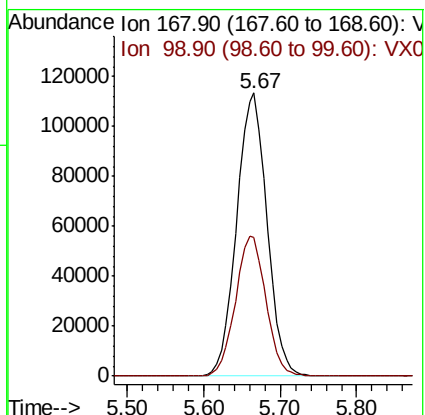
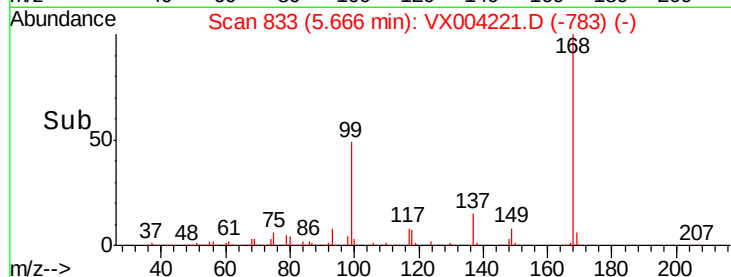
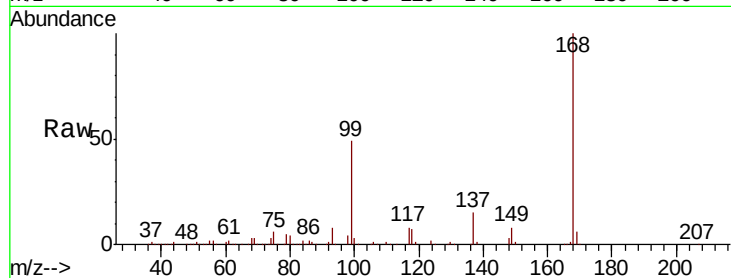
FL-0544DL

Tot Ion:168 Resp: 312083

Ion Ratio Lower Upper

168 100

99 49.1 39.9 59.9



#3

Chloromethane

Concen: 0.70 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX004221.D

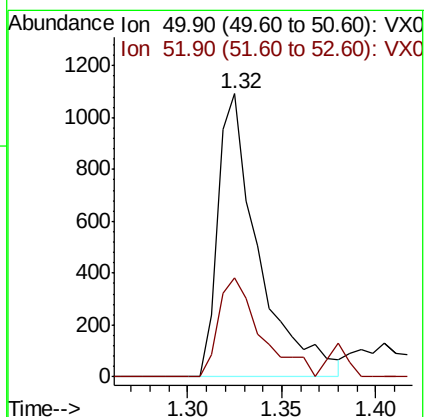
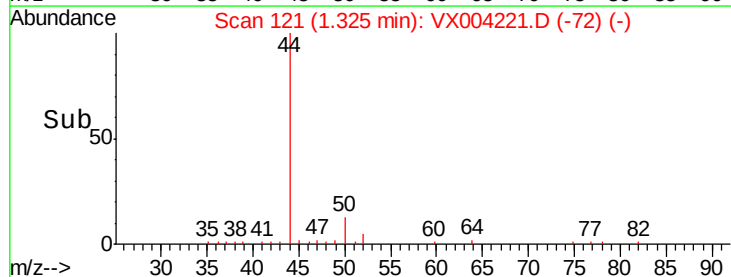
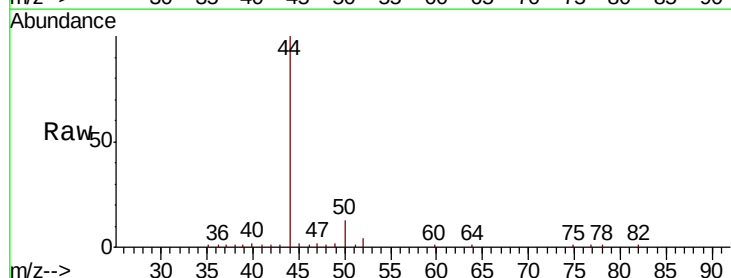
Acq: 23 Aug 2018 12:47

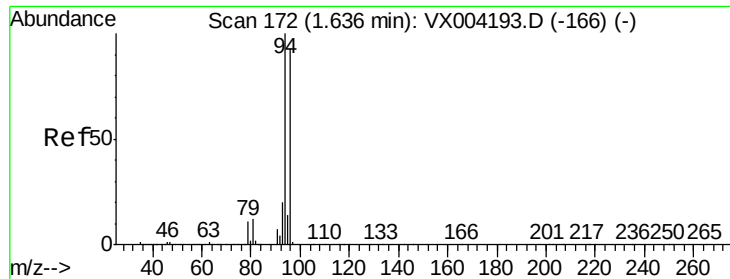
Tgt Ion: 50 Resp: 1632

Ion Ratio Lower Upper

50 100

52 35.0 26.2 39.2





#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX004221.D

Acq: 23 Aug 2018 12:47

Instrument :

MSVOA_X

ClientSampleId :

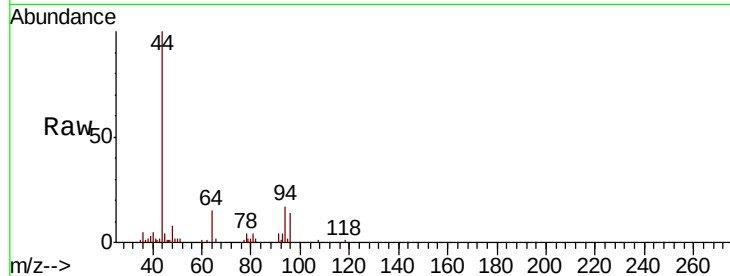
FL-0544DL

Tot Ion: 94 Resp: 1260

Ion Ratio Lower Upper

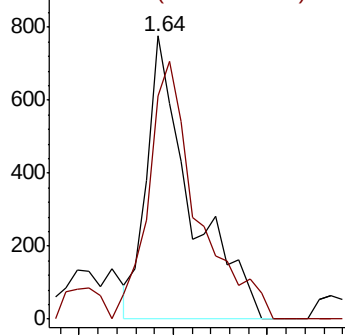
94 100

96 79.0 74.5 111.7

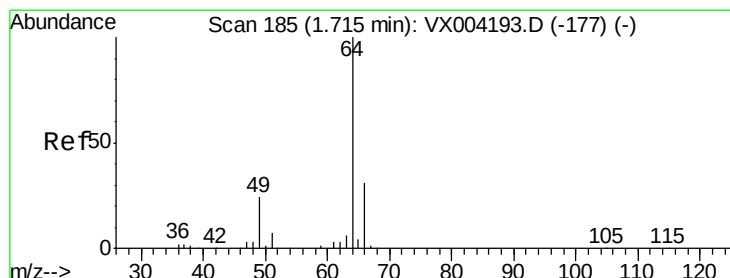
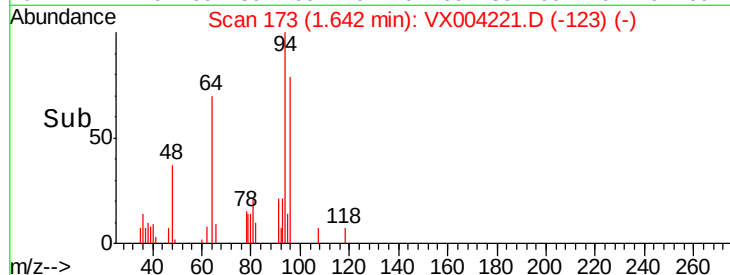


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



Time-->



#6

Chloroethane

Concen: 1.11 ug/l

RT: 1.67 min Scan# 178

Delta R.T. -0.04 min

Lab File: VX004221.D

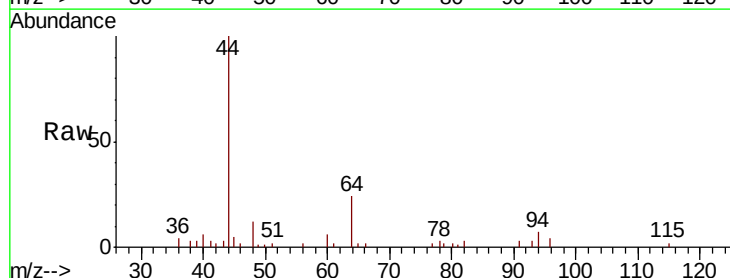
Acq: 23 Aug 2018 12:47

Tgt Ion: 64 Resp: 457

Ion Ratio Lower Upper

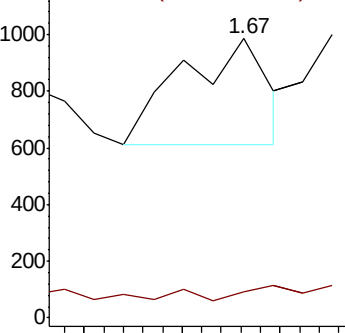
64 100

66 1.3 24.6 36.8#

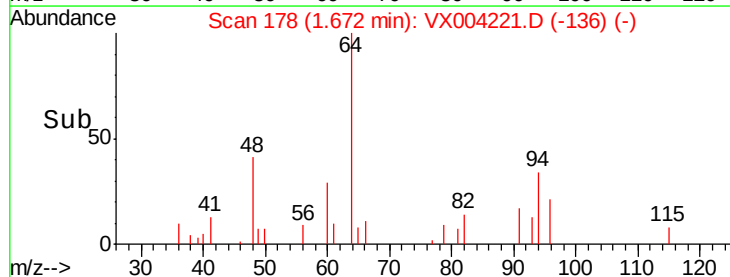


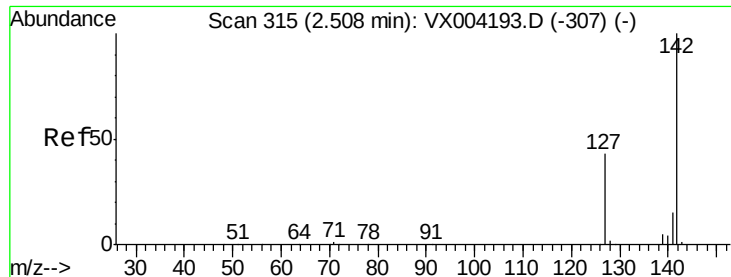
Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



Time-->

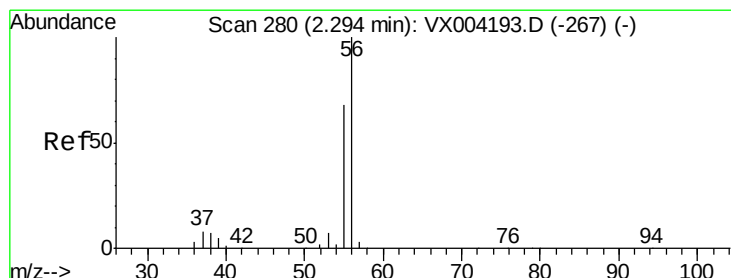
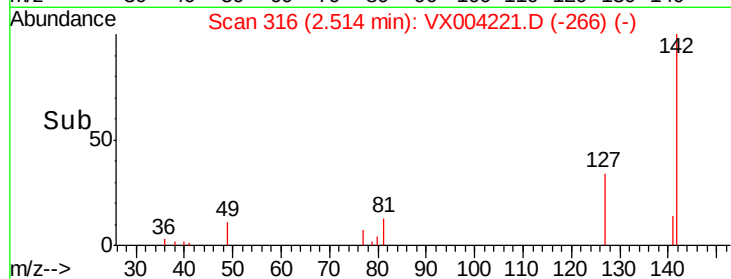
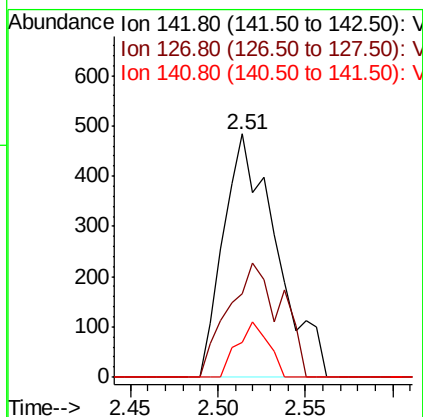
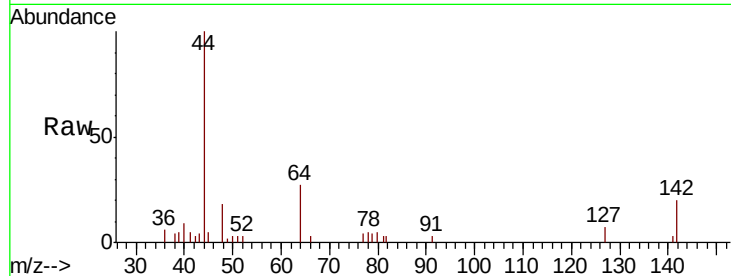




#10
Methvl Iodide
Concen: 4.50 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX004221.D
Acq: 23 Aug 2018 12:47

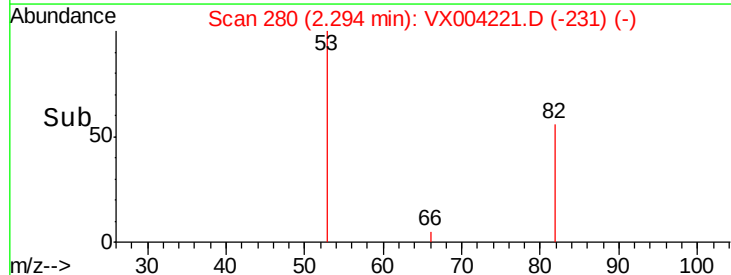
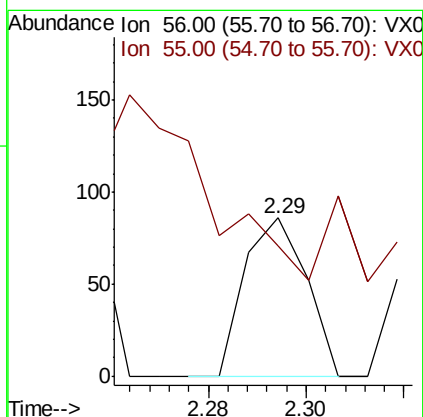
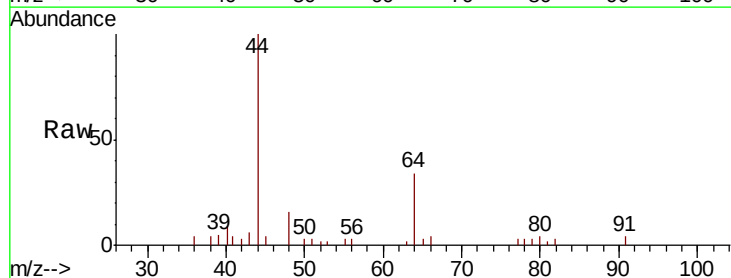
Instrument :
MSVOA_X
ClientSampleId :
FL-0544DL

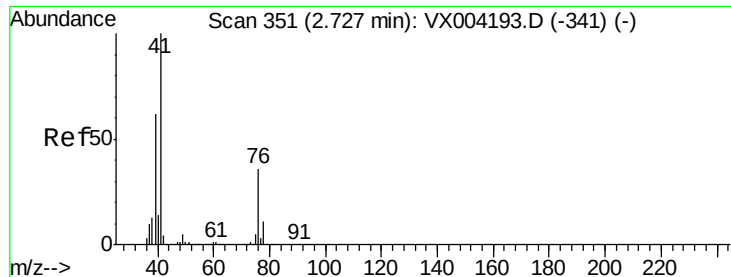
Tot Ion:142 Resp: 1014
Ion Ratio Lower Upper
142 100
127 46.8 33.8 50.6
141 13.3 11.4 17.0



#13
Acrolein
Concen: 0.36 ug/l
RT: 2.29 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX004221.D
Acq: 23 Aug 2018 12:47

Tgt Ion: 56 Resp: 75
Ion Ratio Lower Upper
56 100
55 0.0 54.7 82.1#

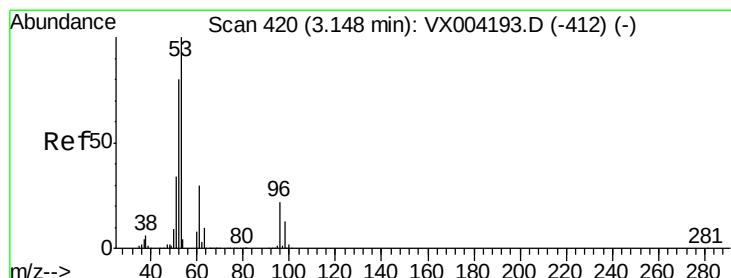
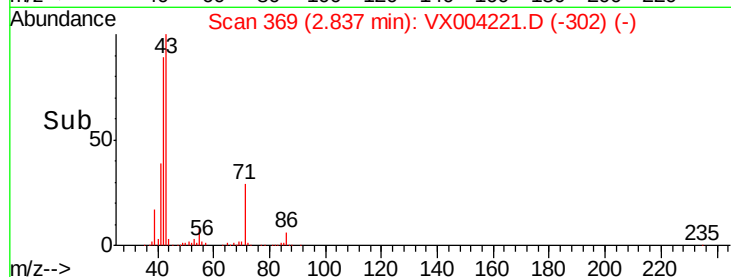
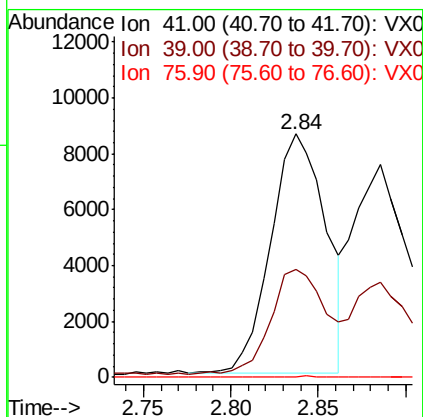
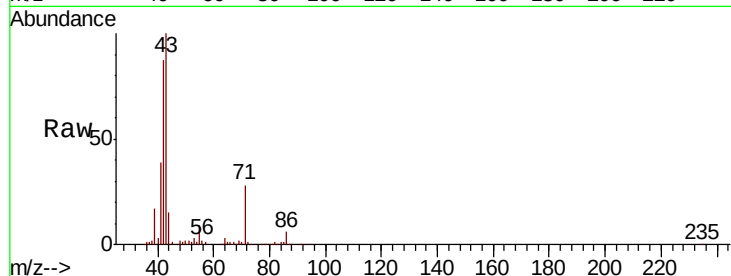




#14
Allvl chloride
Concen: 3.10 ug/l
RT: 2.84 min Scan# 369
Delta R.T. 0.11 min
Lab File: VX004221.D
Acq: 23 Aug 2018 12:47

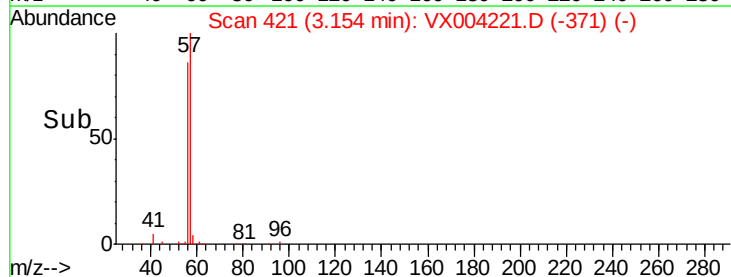
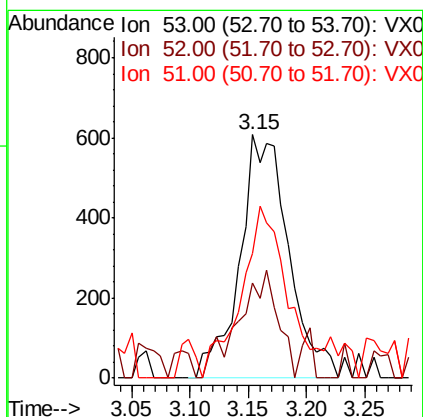
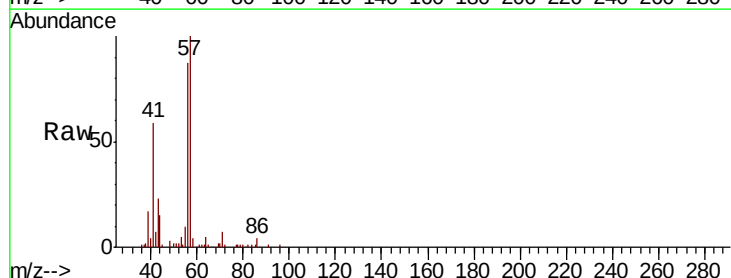
Instrument :
MSVOA_X
ClientSampled :
FL-0544DL

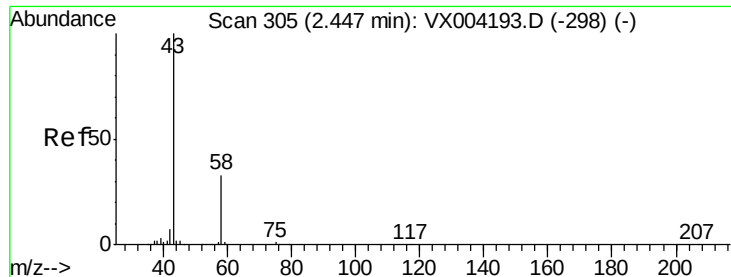
Tot Ion: 41 Resp: 18822
Ion Ratio Lower Upper
41 100
39 44.1 48.9 73.3#
76 0.0 26.7 40.1#



#15
Acrylonitrile
Concen: 0.83 ug/l
RT: 3.15 min Scan# 421
Delta R.T. 0.01 min
Lab File: VX004221.D
Acq: 23 Aug 2018 12:47

Tgt Ion: 53 Resp: 1776
Ion Ratio Lower Upper
53 100
52 36.4 65.2 97.8#
51 67.5 28.2 42.2#





#16

Acetone

Concen: Below Cal

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX004221.D

Acq: 23 Aug 2018 12:47

Instrument :

MSVOA_X

ClientSampleId :

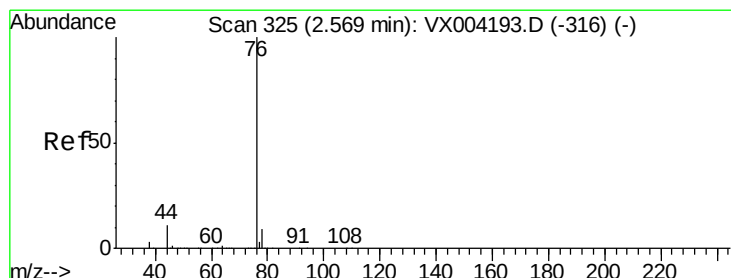
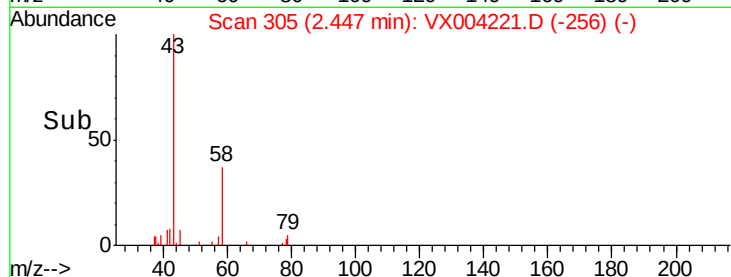
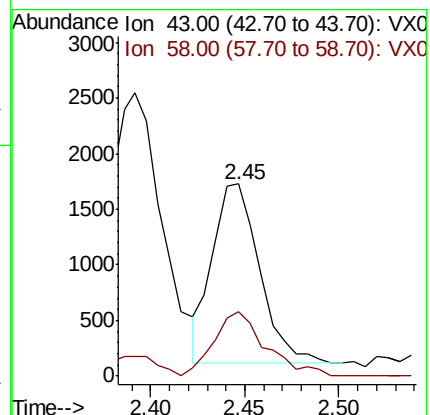
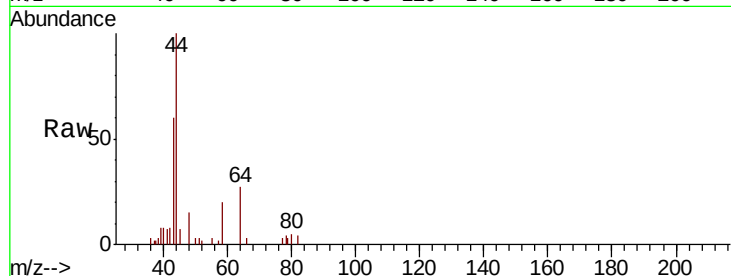
FL-0544DL

Tot Ion: 43 Resp: 2813

Ion Ratio Lower Upper

43 100

58 36.0 26.2 39.4



#17

Carbon Disulfide

Concen: 0.90 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX004221.D

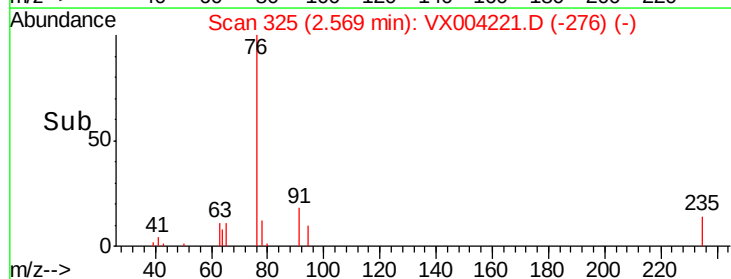
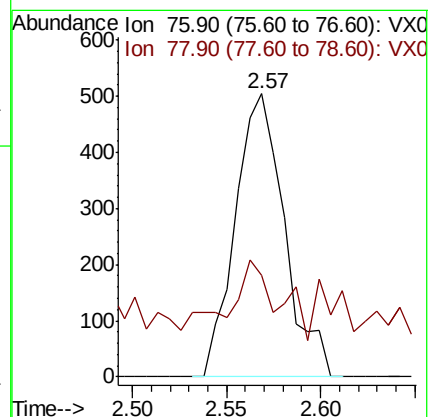
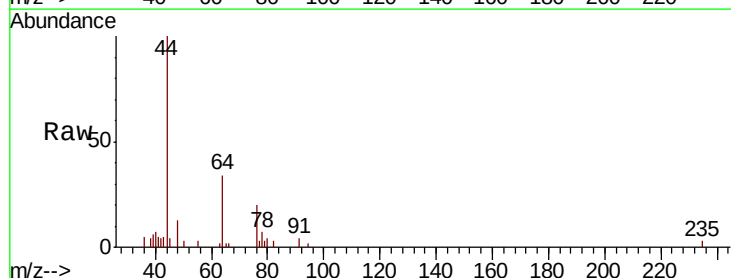
Acq: 23 Aug 2018 12:47

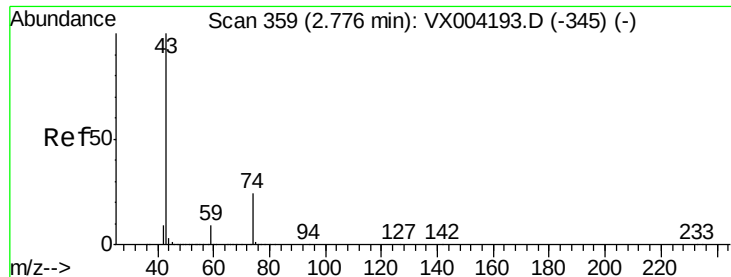
Tgt Ion: 76 Resp: 912

Ion Ratio Lower Upper

76 100

78 12.9 7.0 10.6#

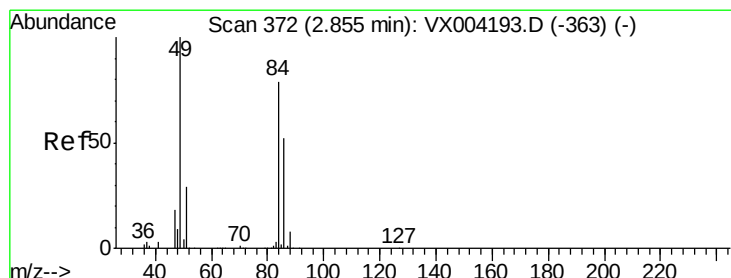
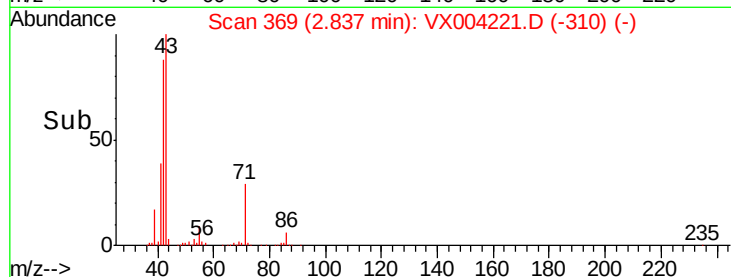
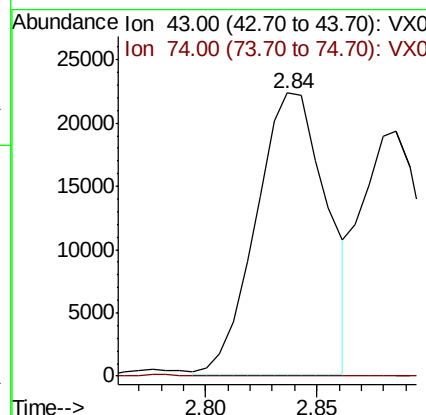
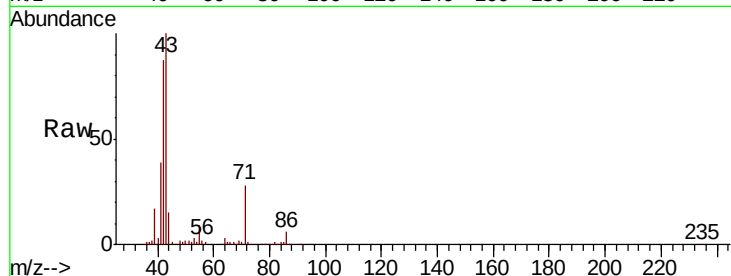




#18
Methyl Acetate
Concen: 8.16 ug/l
RT: 2.84 min Scan# 369
Delta R.T. 0.06 min
Lab File: VX004221.D
Acq: 23 Aug 2018 12:47

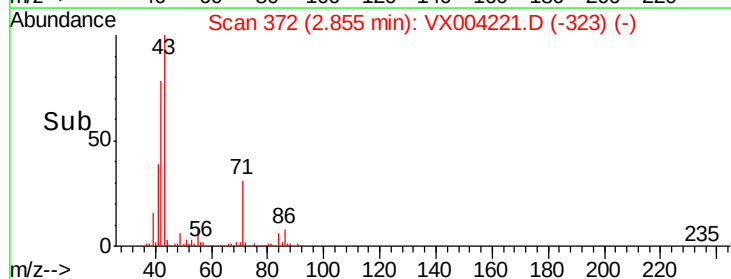
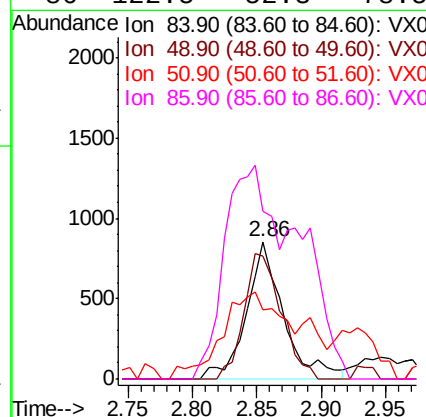
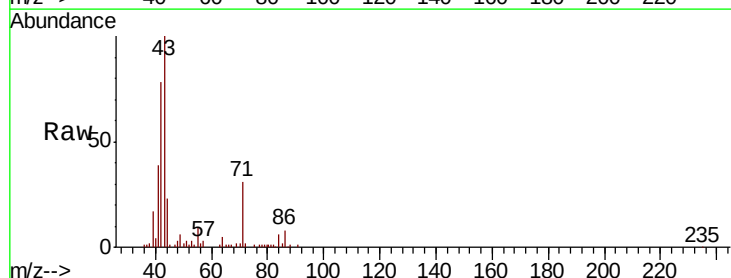
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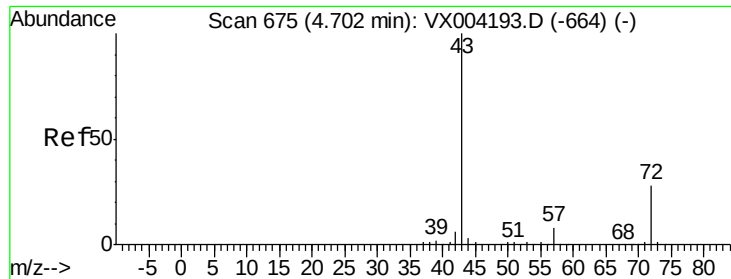
Tot Ion: 43 Resp: 49233
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.2#



#20
Methylene Chloride
Concen: 0.43 ug/l
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX004221.D
Acq: 23 Aug 2018 12:47

Tgt Ion: 84 Resp: 1697
Ion Ratio Lower Upper
84 100
49 90.2 101.2 151.8#
51 40.8 29.5 44.3
86 122.5 52.3 78.5#





#25

2-Butanone

Concen: Below Cal

RT: 4.70 min Scan# 674

Delta R.T. -0.01 min

Lab File: VX004221.D

Acq: 23 Aug 2018 12:47

Instrument :

MSVOA_X

ClientSampleId :

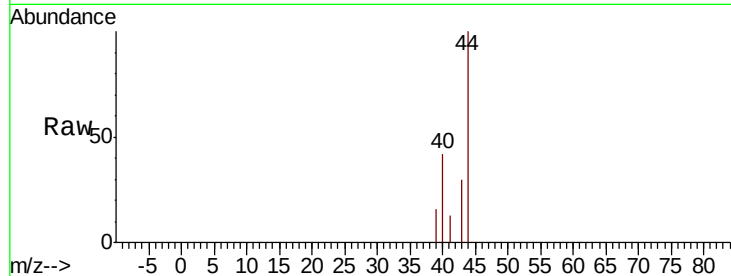
FL-0544DL

Tot Ion: 43 Resp: 155

Ion Ratio Lower Upper

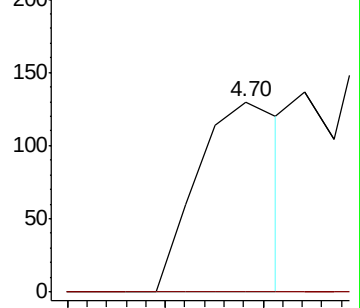
43 100

72 0.0 22.0 33.0#

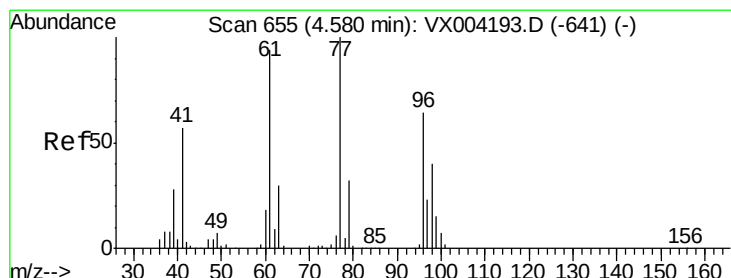
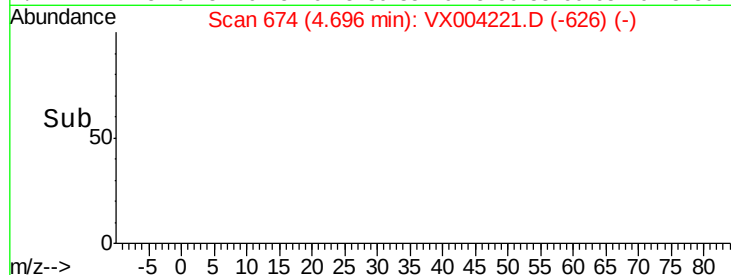


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



Time-->



#26

2,2-Dichloropropane

Concen: 0.25 ug/l

RT: 4.77 min Scan# 686

Delta R.T. 0.19 min

Lab File: VX004221.D

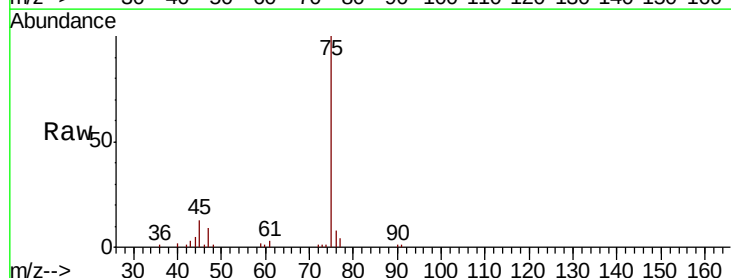
Acq: 23 Aug 2018 12:47

Tgt Ion: 77 Resp: 1320

Ion Ratio Lower Upper

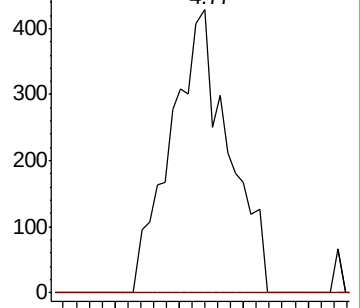
77 100

97 0.0 11.7 35.0#

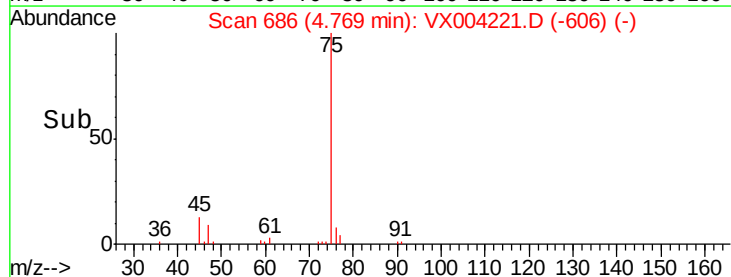


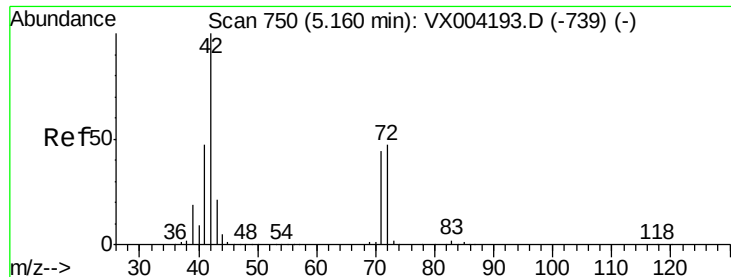
Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



Time-->

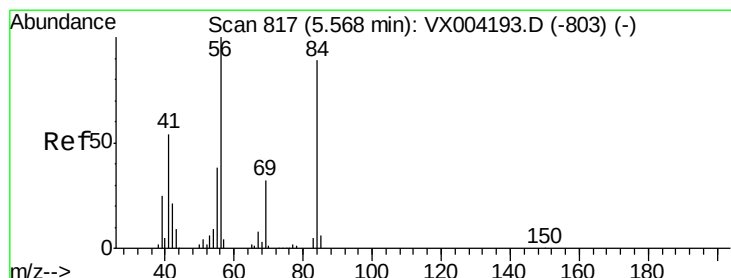
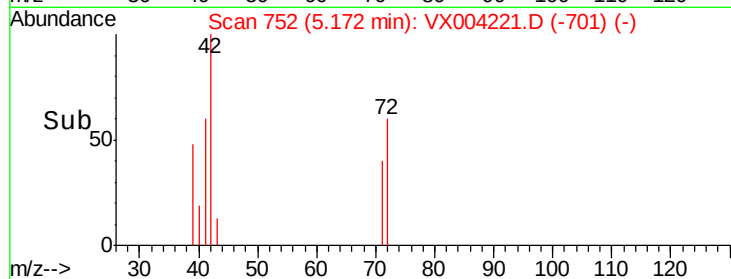
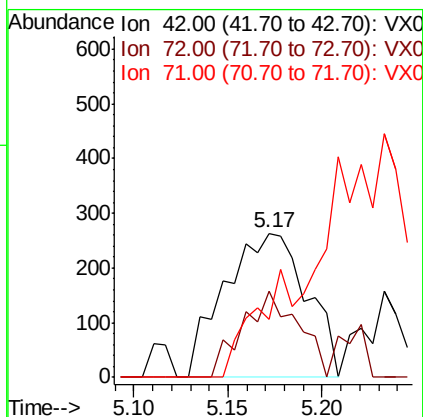
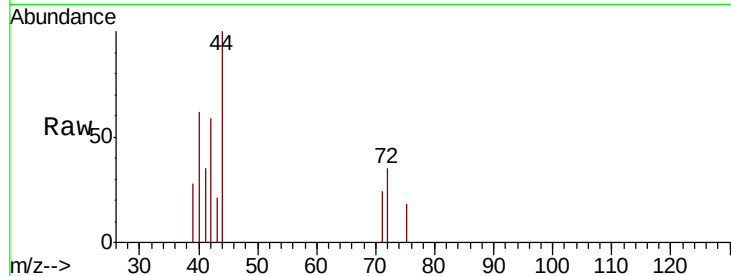




#29
Tetrahydrofuran
Concen: 0.46 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX004221.D
Acq: 23 Aug 2018 12:47

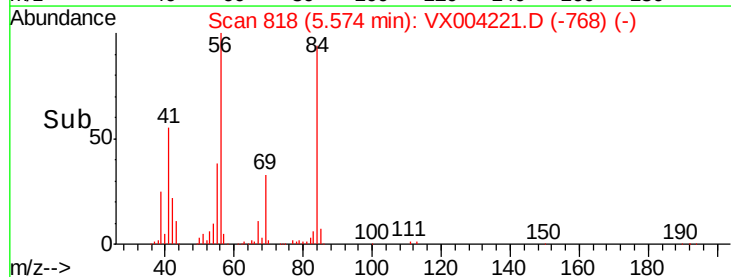
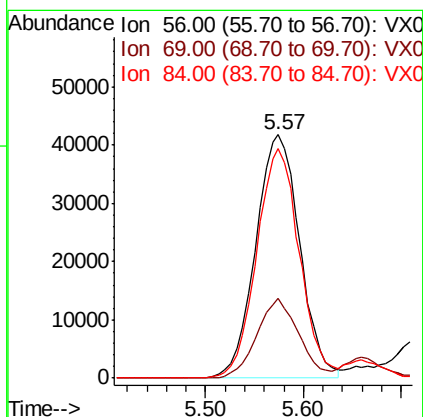
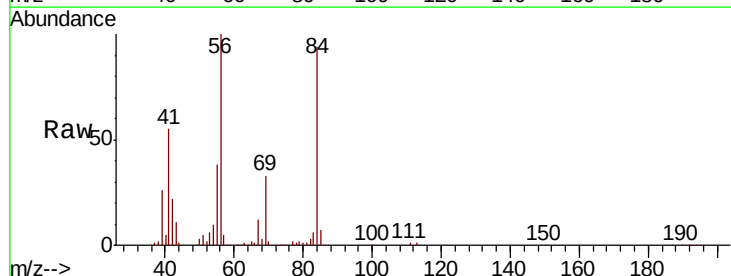
Instrument :
MSVOA_X
ClientSampleID :
FL-0544DL

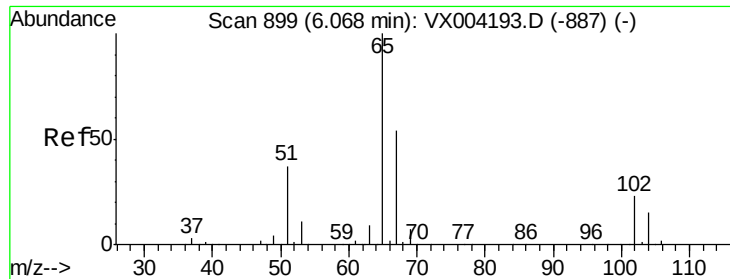
Tot Ion: 42 Resp: 797
Ion Ratio Lower Upper
42 100
72 40.7 37.4 56.0
71 33.9 34.5 51.7#



#31
Cyclohexane
Concen: 22.92 ug/l
RT: 5.57 min Scan# 818
Delta R.T. 0.01 min
Lab File: VX004221.D
Acq: 23 Aug 2018 12:47

Tgt Ion: 56 Resp: 130713
Ion Ratio Lower Upper
56 100
69 32.7 25.4 38.2
84 94.3 71.4 107.2

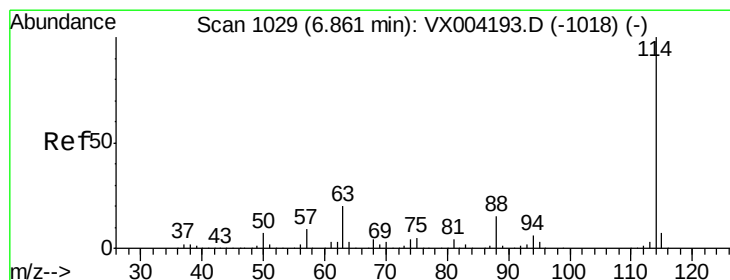
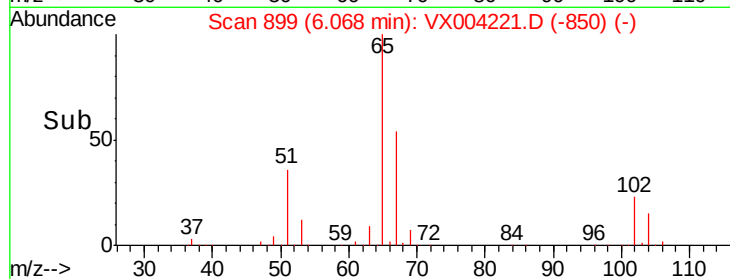
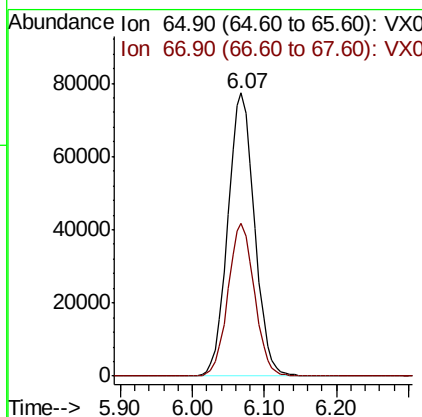
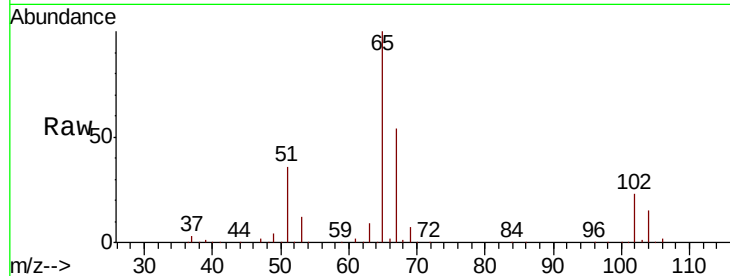




#33
 1,2-Dichloroethane-d4
 Concen: 49.04 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX004221.D
 Acq: 23 Aug 2018 12:47

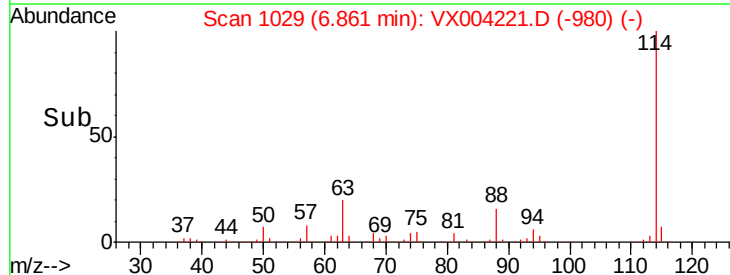
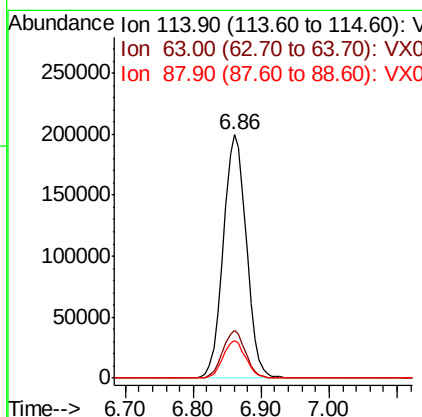
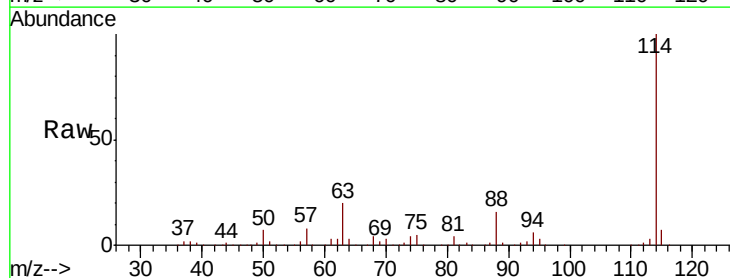
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0544DL

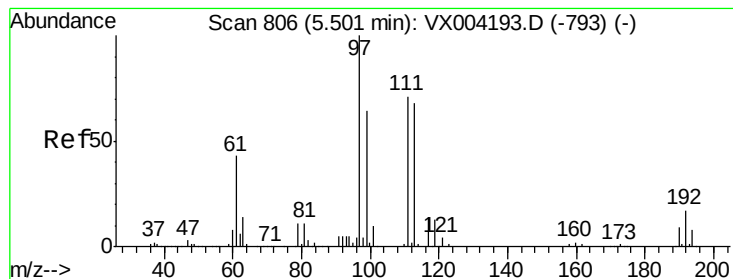
Tot Ion: 65 Resp: 199455
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: VX004221.D
 Acq: 23 Aug 2018 12:47

Tgt Ion: 114 Resp: 469146
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.0
 88 15.7 0.0 30.4





#35

Dibromofluoromethane

Concen: 49.14 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX004221.D

Acq: 23 Aug 2018 12:47

Instrument :

MSVOA_X

ClientSampleId :

FL-0544DL

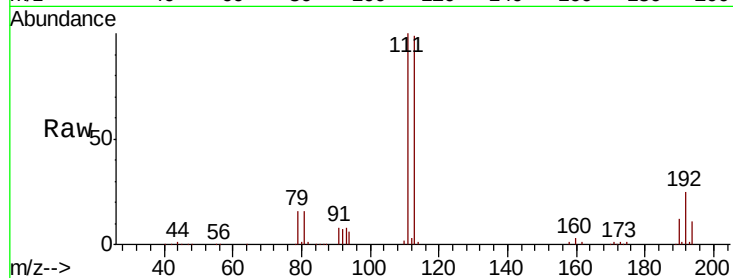
Tot Ion:113 Resp: 171511

Ion Ratio Lower Upper

113 100

111 102.5 82.4 123.6

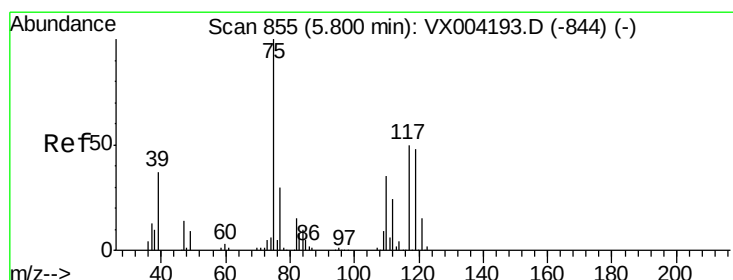
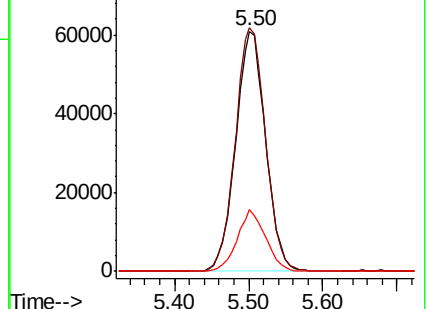
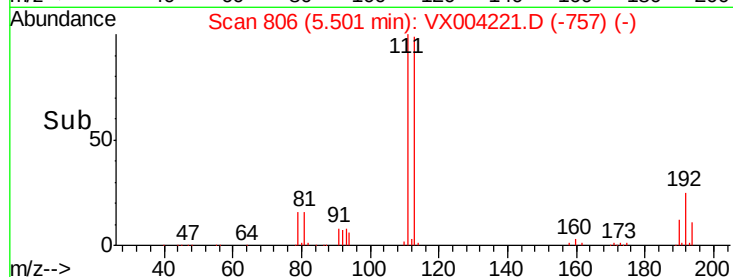
192 24.4 19.4 29.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 3.84 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.13 min

Lab File: VX004221.D

Acq: 23 Aug 2018 12:47

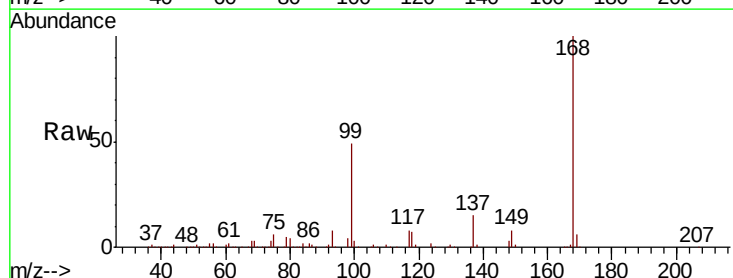
Tgt Ion: 75 Resp: 20271

Ion Ratio Lower Upper

75 100

110 8.9 18.0 54.0#

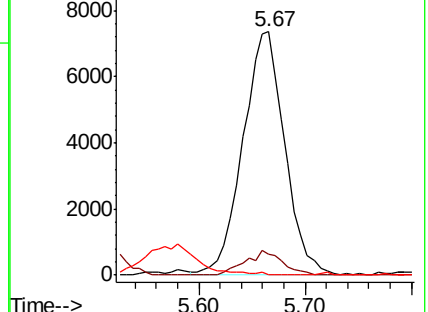
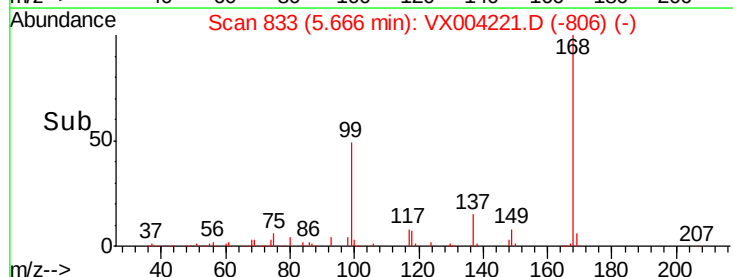
77 0.0 24.6 36.8#

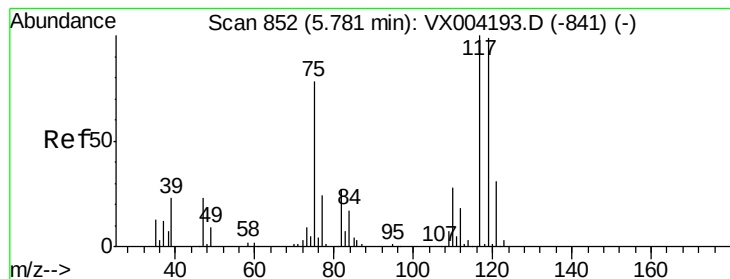


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 5.50 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.12 min

Lab File: VX004221.D

Acq: 23 Aug 2018 12:47

Instrument :

MSVOA_X

ClientSampled :

FL-0544DL

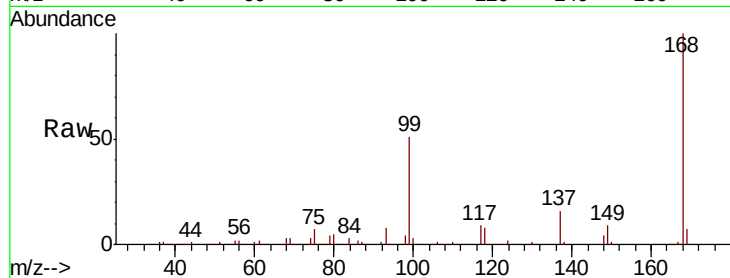
Tot Ion:117 Resp: 27274

Ion Ratio Lower Upper

117 100

119 5.4 78.8 118.2#

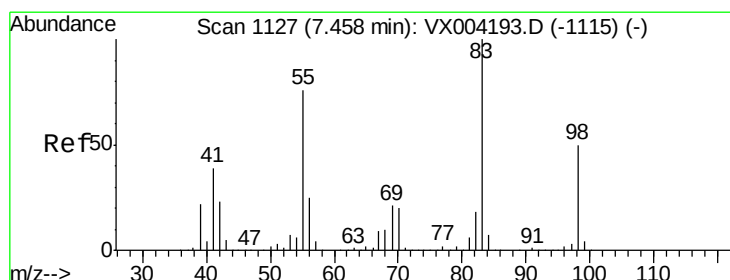
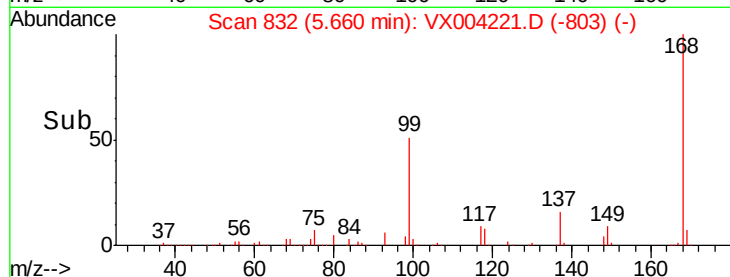
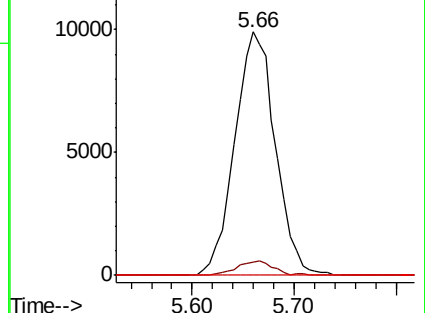
121 0.0 24.9 37.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 10.37 ug/l

RT: 7.46 min Scan# 1127

Delta R.T. 0.00 min

Lab File: VX004221.D

Acq: 23 Aug 2018 12:47

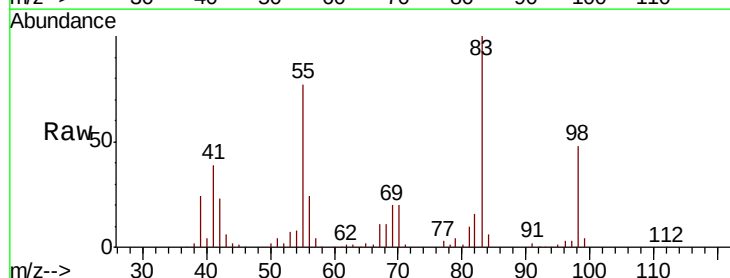
Tgt Ion: 83 Resp: 62452

Ion Ratio Lower Upper

83 100

55 77.3 61.0 91.4

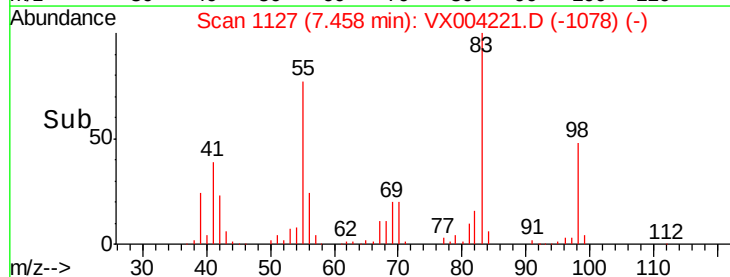
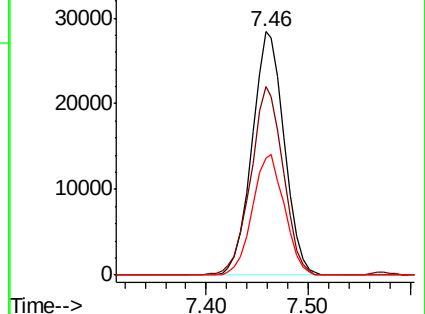
98 48.1 39.6 59.4

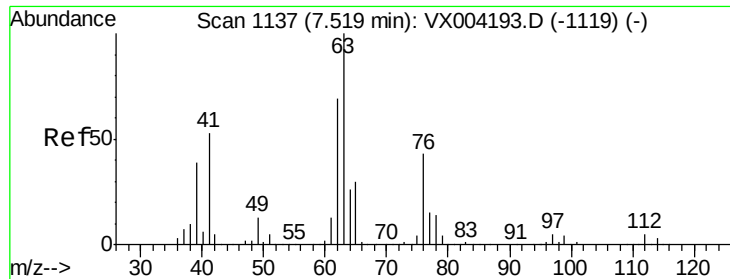


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

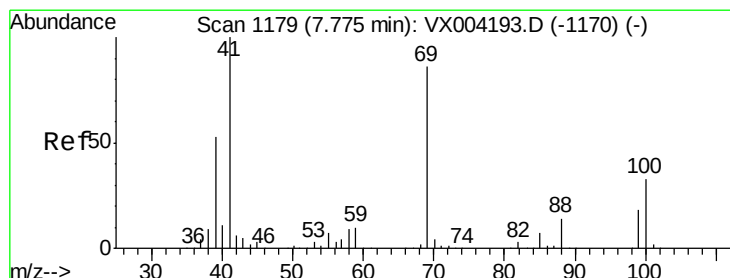
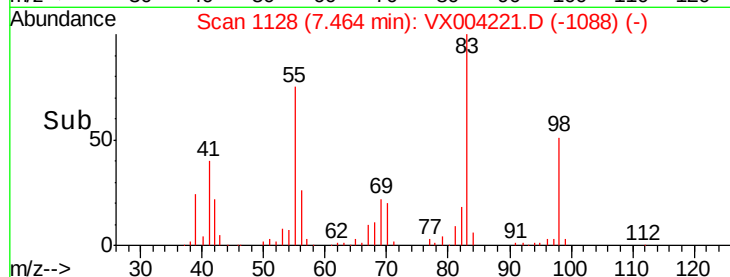
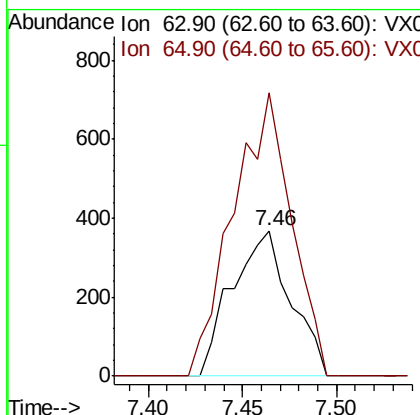
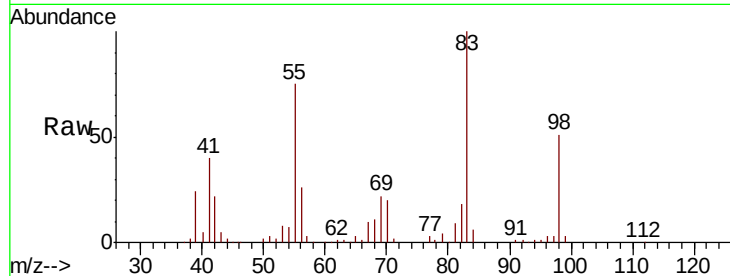




#45
 1,2-Dichloropropane
 Concen: 0.20 ug/l
 RT: 7.46 min Scan# 1128
 Delta R.T. -0.05 min
 Lab File: VX004221.D
 Acq: 23 Aug 2018 12:47

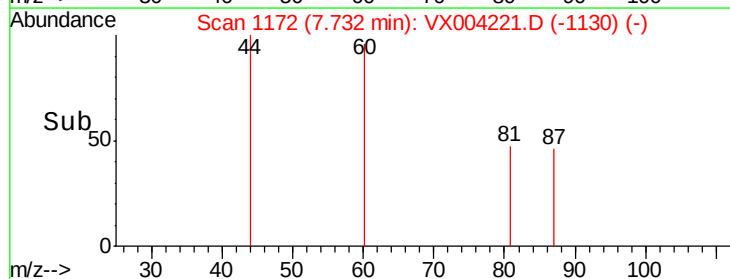
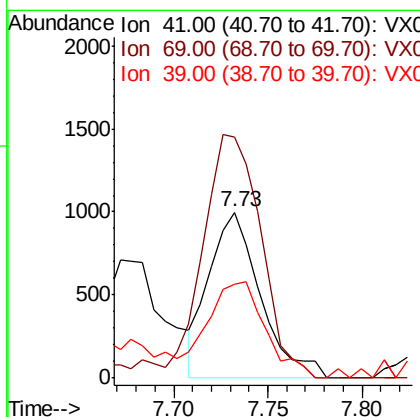
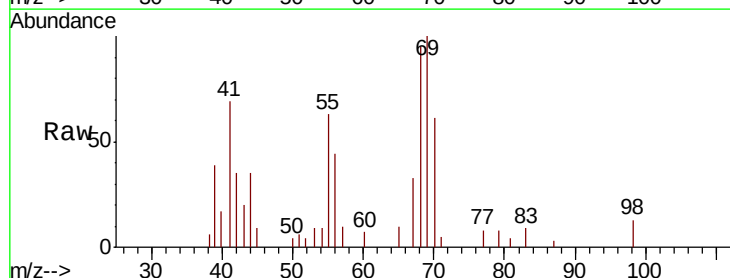
Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0544DL

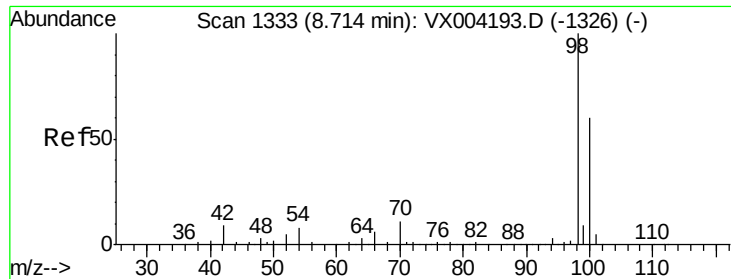
Tot Ion: 63 Resp: 793
 Ion Ratio Lower Upper
 63 100
 65 194.8 24.3 36.5#



#48
 Methyl methacrylate
 Concen: 0.44 ug/l
 RT: 7.73 min Scan# 1172
 Delta R.T. -0.04 min
 Lab File: VX004221.D
 Acq: 23 Aug 2018 12:47

Tgt Ion: 41 Resp: 1889
 Ion Ratio Lower Upper
 41 100
 69 169.2 70.2 105.4#
 39 66.2 42.7 64.1#

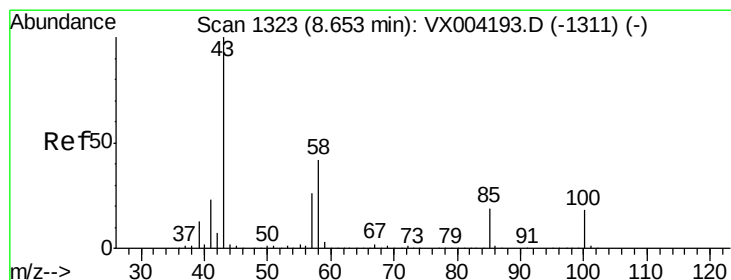
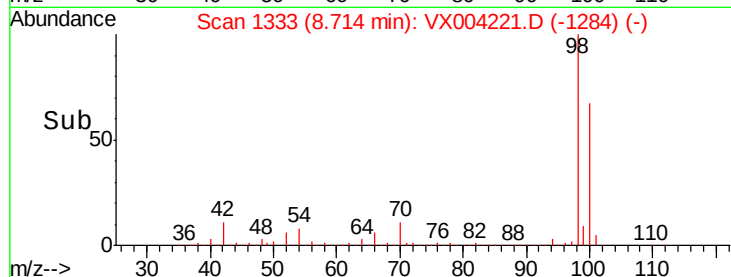
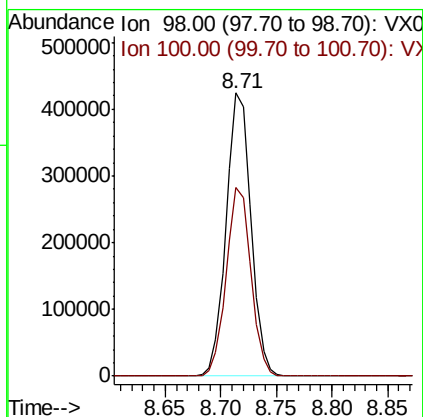
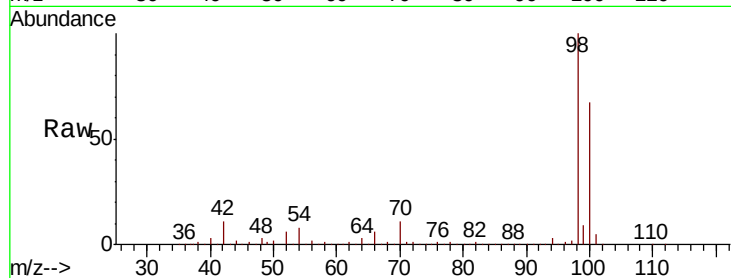




#50
Toluene-d8
Concen: 49.81 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. 0.00 min
Lab File: VX004221.D
Acq: 23 Aug 2018 12:47

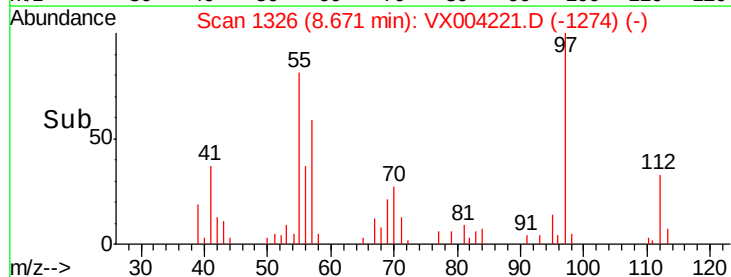
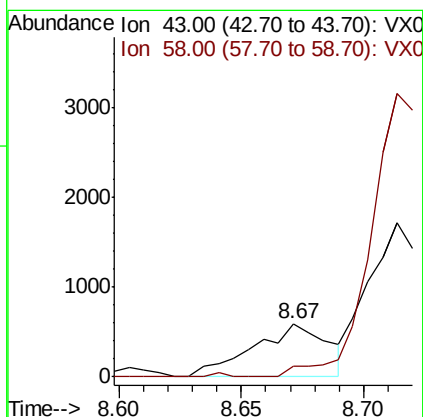
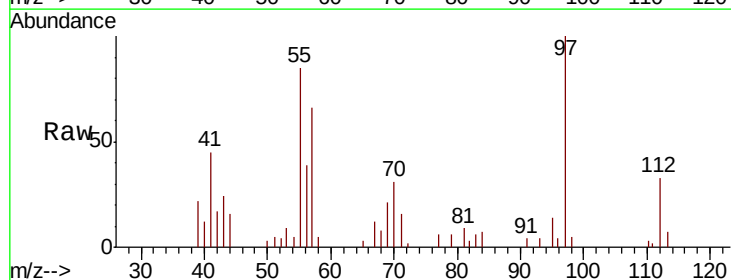
Instrument :
MSVOA_X
ClientSampleID :
FL-0544DL

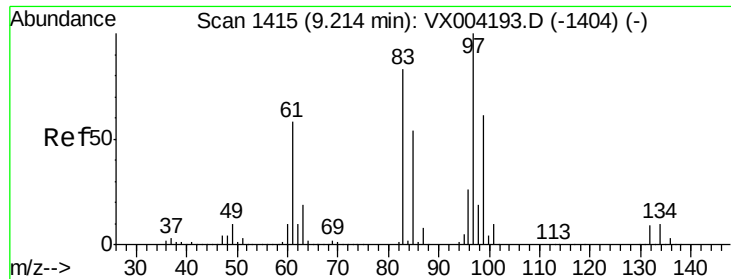
Tot Ion: 98 Resp: 656141
Ion Ratio Lower Upper
98 100
100 66.3 52.9 79.3



#51
4-Methyl-2-Pentanone
Concen: 0.21 ug/l
RT: 8.67 min Scan# 1326
Delta R.T. 0.02 min
Lab File: VX004221.D
Acq: 23 Aug 2018 12:47

Tgt Ion: 43 Resp: 1243
Ion Ratio Lower Upper
43 100
58 0.0 33.1 49.7#





#55

1,1,2-Trichloroethane

Concen: 0.65 ug/l

RT: 9.17 min Scan# 1407

Delta R.T. -0.05 min

Lab File: VX004221.D

Acq: 23 Aug 2018 12:47

Instrument :

MSVOA_X

ClientSampled :

FL-0544DL

Tot Ion: 97 Resp: 2578

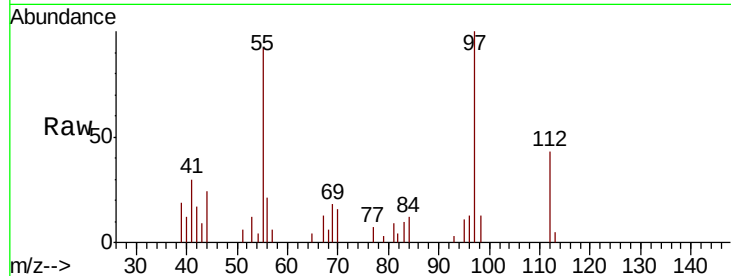
Ion Ratio Lower Upper

97 100

83 9.6 66.4 99.6#

85 0.0 43.3 64.9#

99 0.0 49.0 73.4#

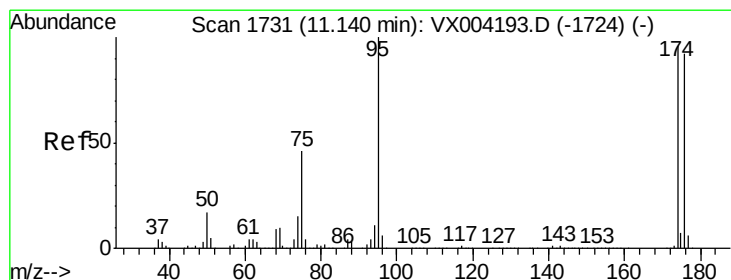
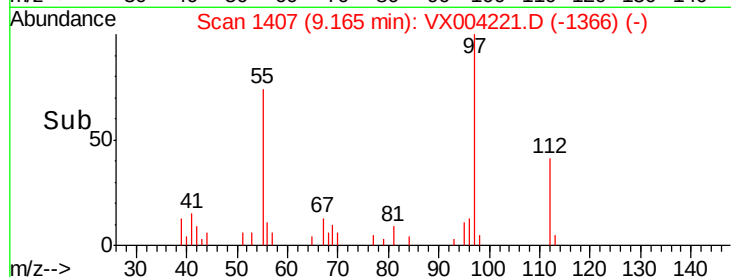
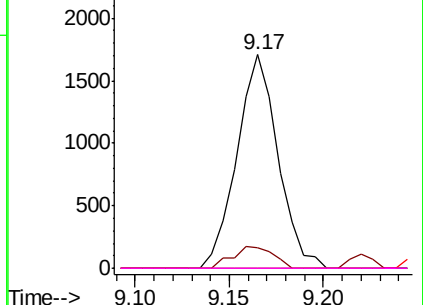


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#62

4-Bromofluorobenzene

Concen: 49.04 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX004221.D

Acq: 23 Aug 2018 12:47

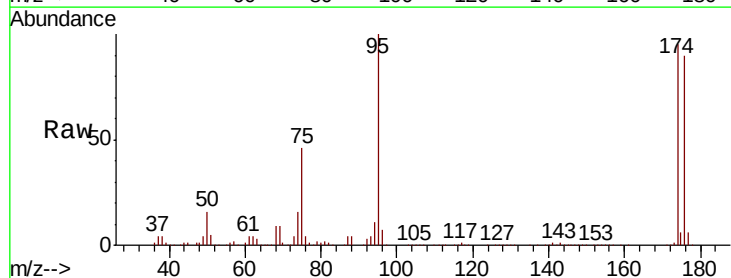
Tgt Ion: 95 Resp: 241040

Ion Ratio Lower Upper

95 100

174 91.1 0.0 185.2

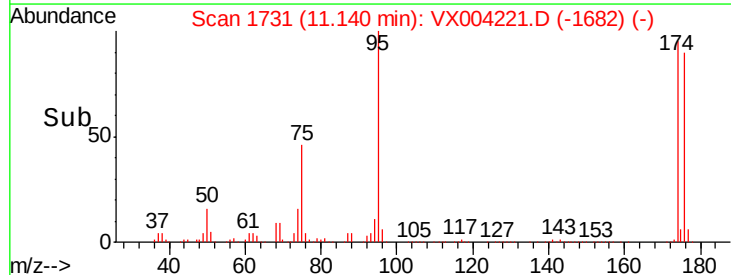
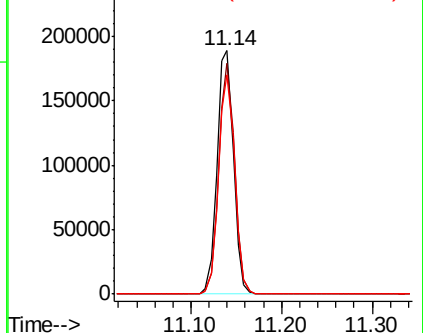
176 88.0 0.0 178.6

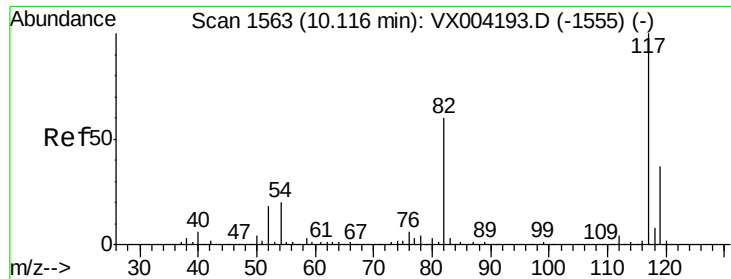


Abundance Ion 94.90 (94.60 to 95.60): VX0

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: VX004221.D

Acq: 23 Aug 2018 12:47

Instrument :

MSVOA_X

ClientSampleId :

FL-0544DL

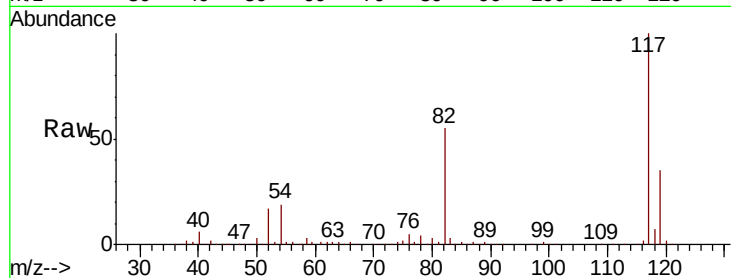
Tot Ion:117 Resp: 413849

Ion Ratio Lower Upper

117 100

82 55.3 47.8 71.6

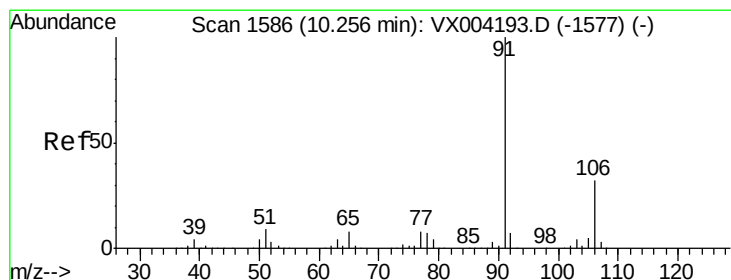
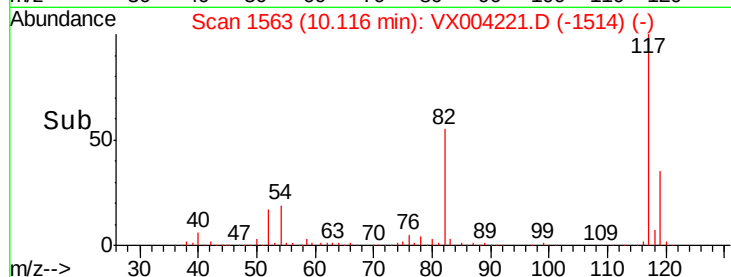
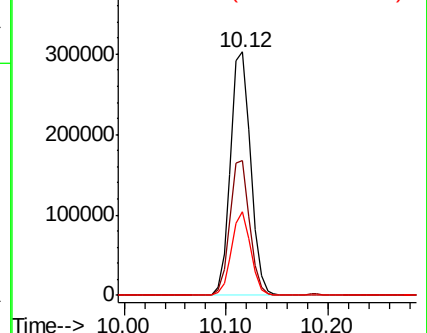
119 34.5 29.3 43.9



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#67

Ethyl Benzene

Concen: 34.07 ug/l

RT: 10.25 min Scan# 1585

Delta R.T. -0.01 min

Lab File: VX004221.D

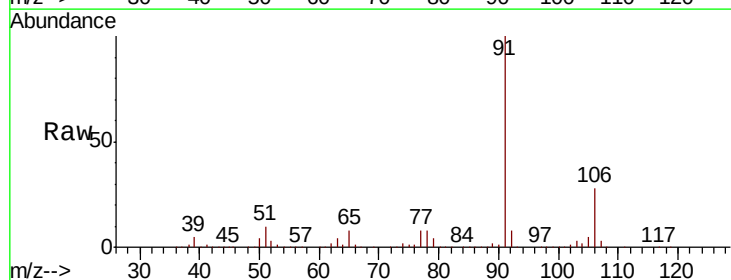
Acq: 23 Aug 2018 12:47

Tgt Ion: 91 Resp: 574718

Ion Ratio Lower Upper

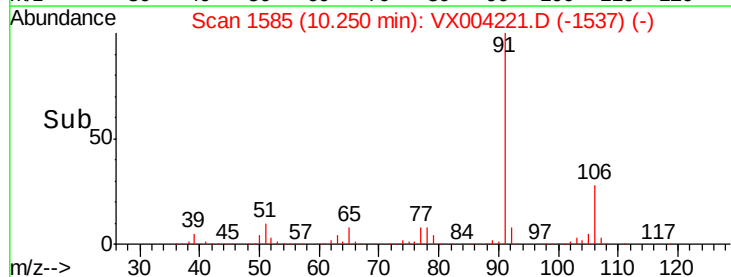
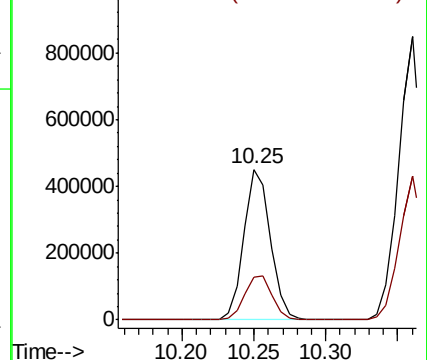
91 100

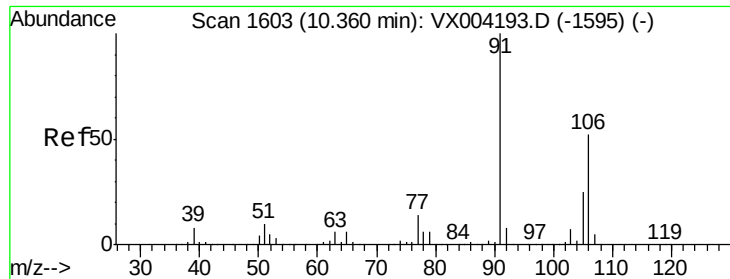
106 28.2 25.9 38.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

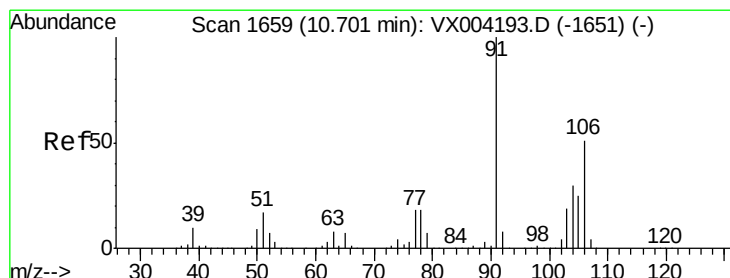
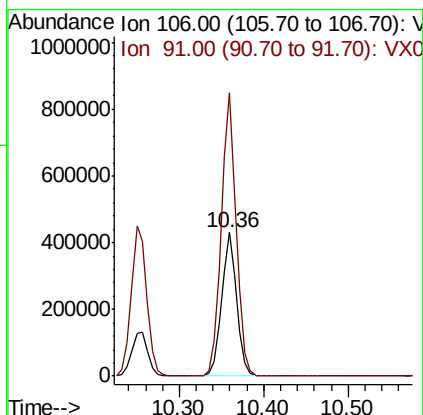
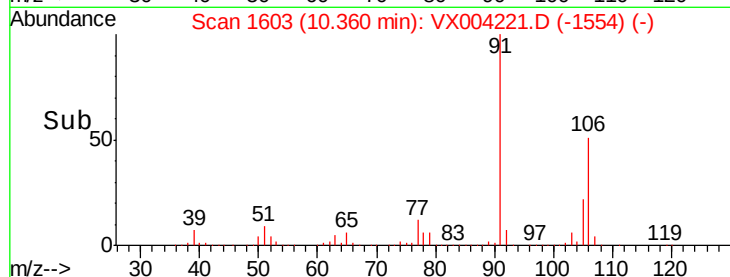
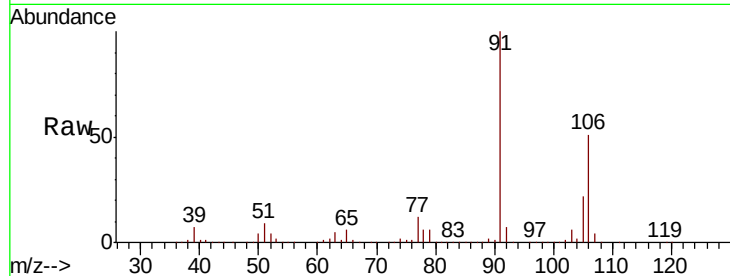




#68
m/p-Xylenes
Concen: 79.93 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX004221.D
Acq: 23 Aug 2018 12:47

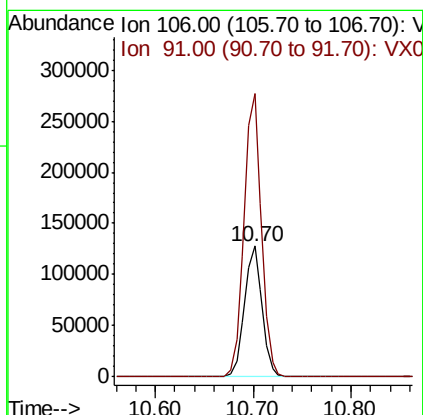
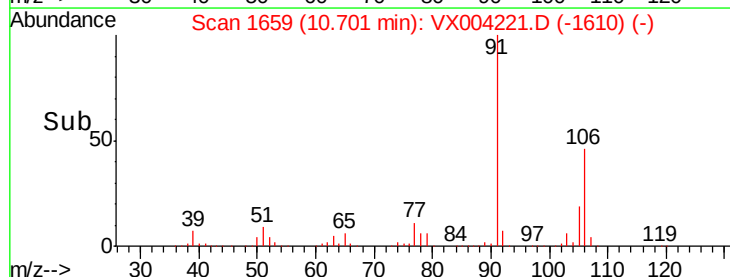
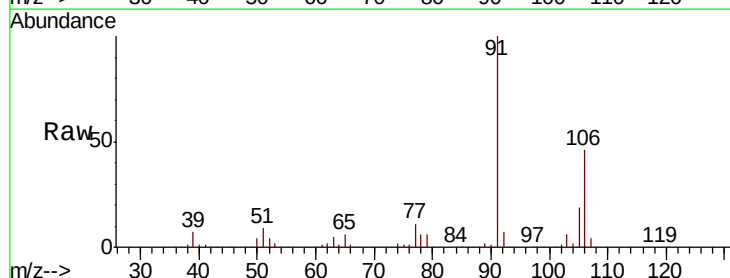
Instrument :
MSVOA_X
ClientSampled :
FL-0544DL

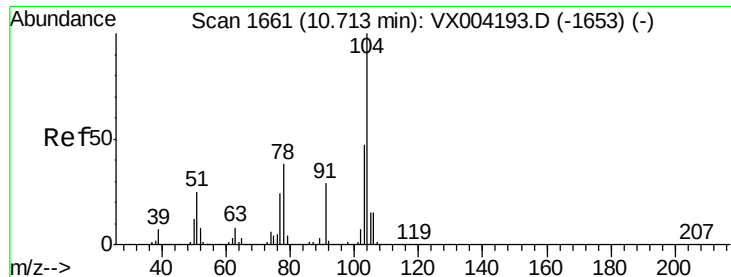
Tot Ion:106 Resp: 527212
Ion Ratio Lower Upper
106 100
91 197.4 157.1 235.7



#69
o-Xylene
Concen: 25.40 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX004221.D
Acq: 23 Aug 2018 12:47

Tgt Ion:106 Resp: 158480
Ion Ratio Lower Upper
106 100
91 215.7 105.1 315.1





#70

Stvrene

Concen: 0.82 ug/l

RT: 10.70 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX004221.D

Acq: 23 Aug 2018 12:47

Instrument :

MSVOA_X

ClientSampled :

FL-0544DL

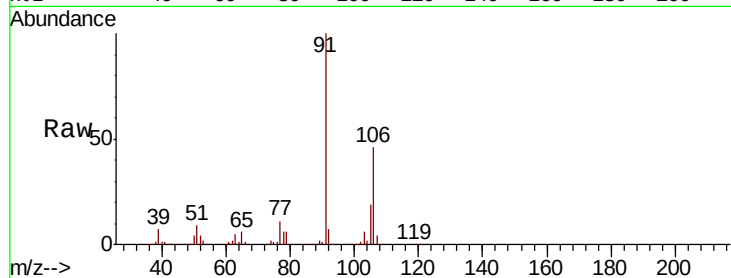
Tot Ion:104 Resp: 8327

Ion Ratio Lower Upper

104 100

78 259.9 37.4 56.0#

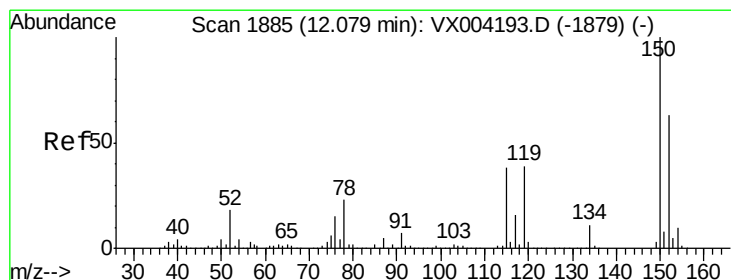
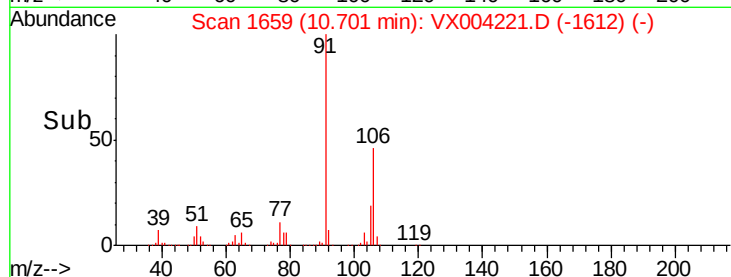
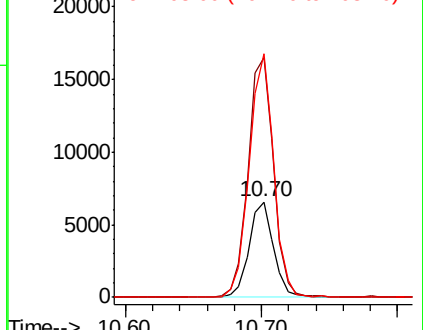
103 254.0 43.8 65.6#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX004221.D

Acq: 23 Aug 2018 12:47

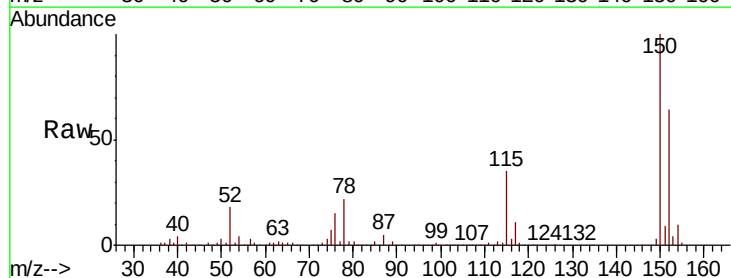
Tgt Ion:152 Resp: 252743

Ion Ratio Lower Upper

152 100

115 54.8 39.0 117.0

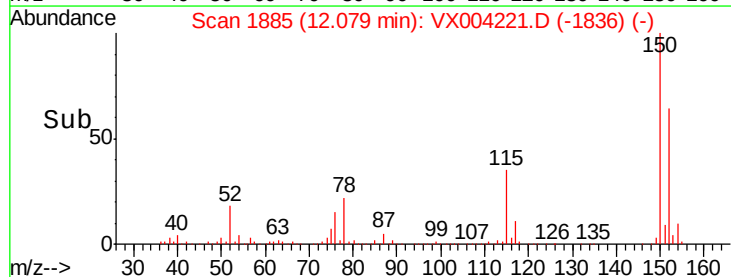
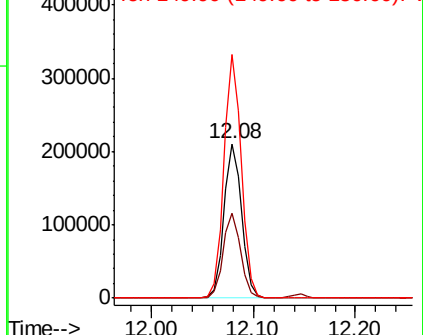
150 155.7 0.0 351.0

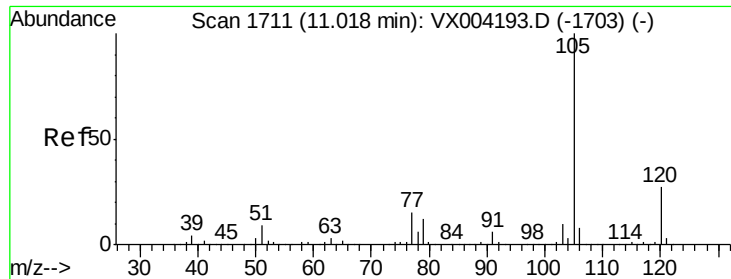


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 2.15 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX004221.D

Acq: 23 Aug 2018 12:47

Instrument :

MSVOA_X

ClientSampleId :

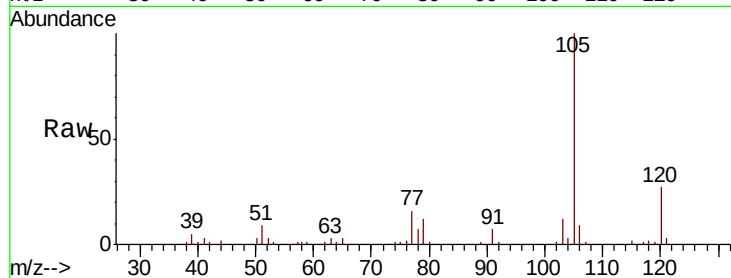
FL-0544DL

Tot Ion:105 Resp: 35740

Ion Ratio Lower Upper

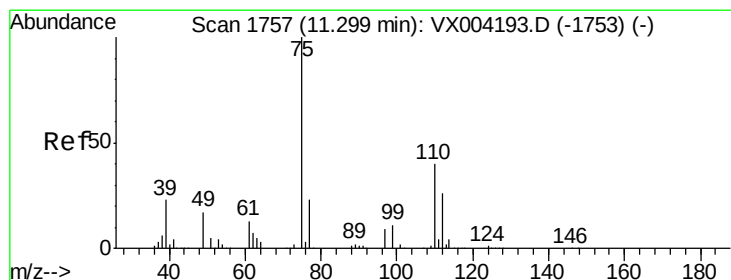
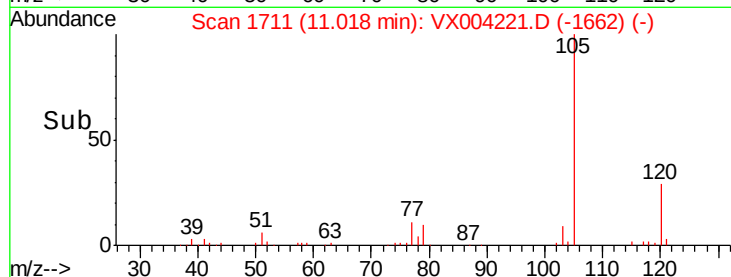
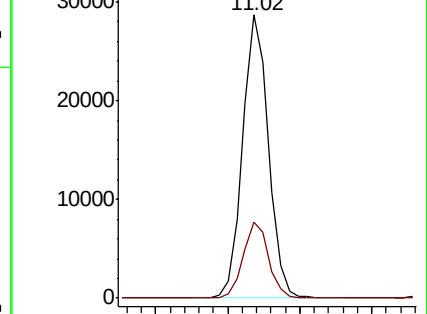
105 100

120 26.4 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: 22.32 ug/l

RT: 11.13 min Scan# 1730

Delta R.T. -0.16 min

Lab File: VX004221.D

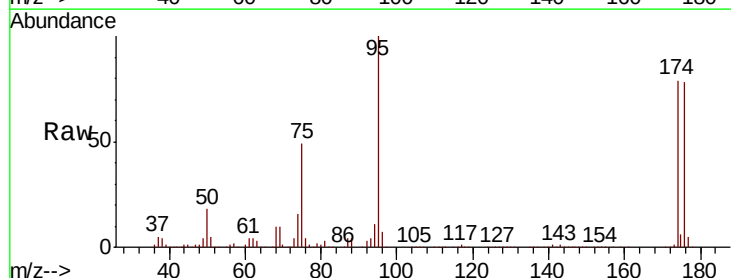
Acq: 23 Aug 2018 12:47

Tgt Ion: 75 Resp: 114733

Ion Ratio Lower Upper

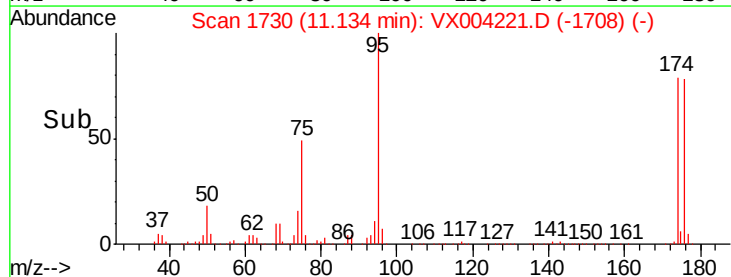
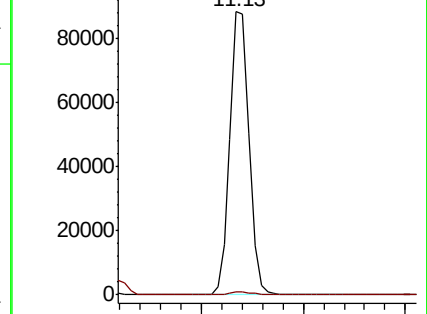
75 100

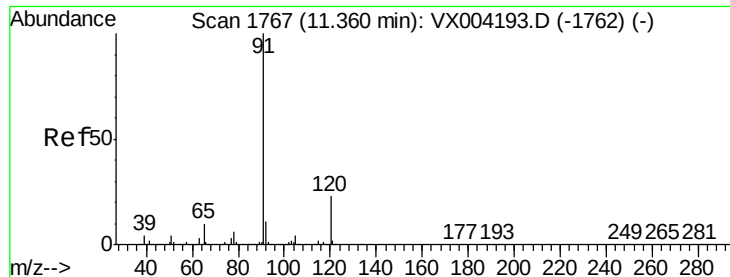
77 1.4 20.2 60.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 2.79 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX004221.D

Acq: 23 Aug 2018 12:47

Instrument :

MSVOA_X

ClientSampleId :

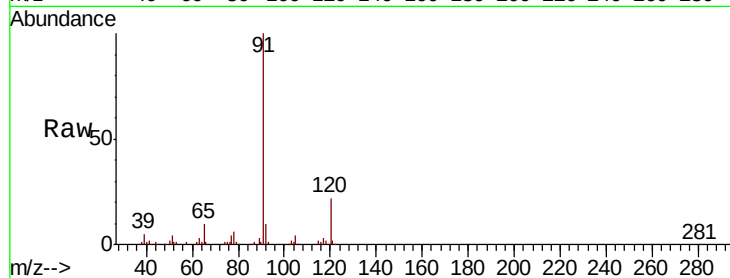
FL-0544DL

Tot Ion: 91 Resp: 53229

Ion Ratio Lower Upper

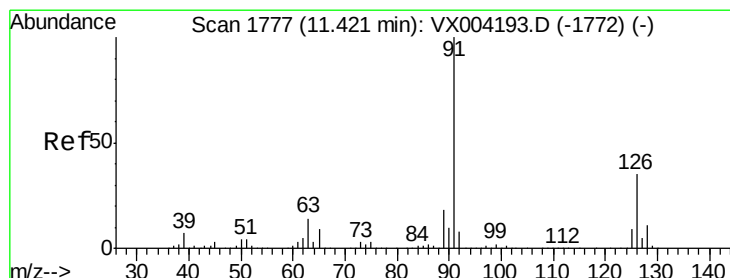
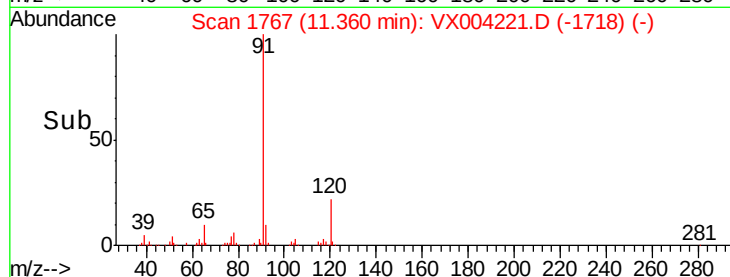
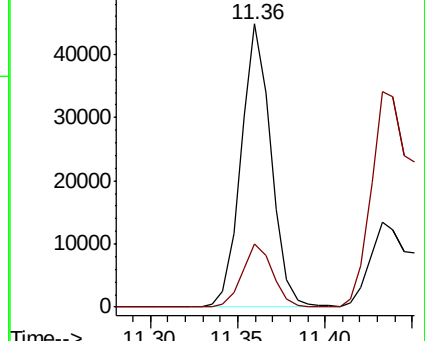
91 100

120 22.8 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: 2.18 ug/l

RT: 11.43 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VX004221.D

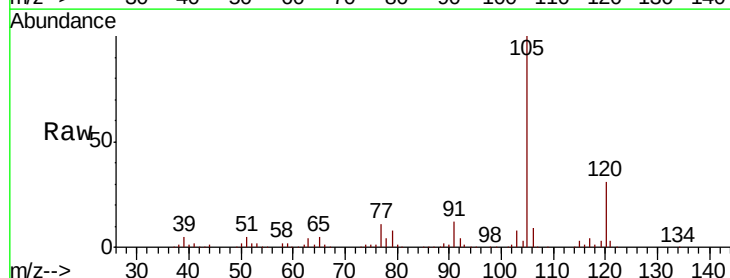
Acq: 23 Aug 2018 12:47

Tgt Ion: 91 Resp: 25571

Ion Ratio Lower Upper

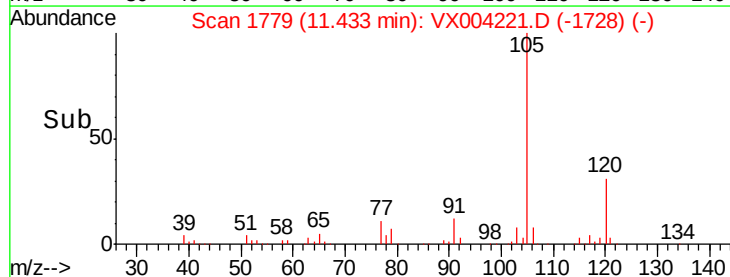
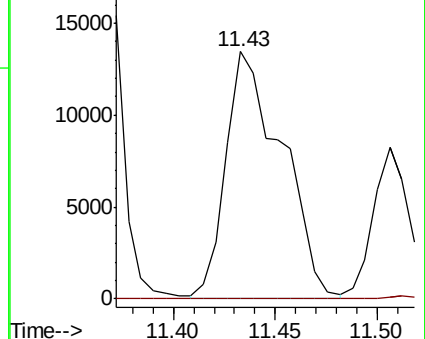
91 100

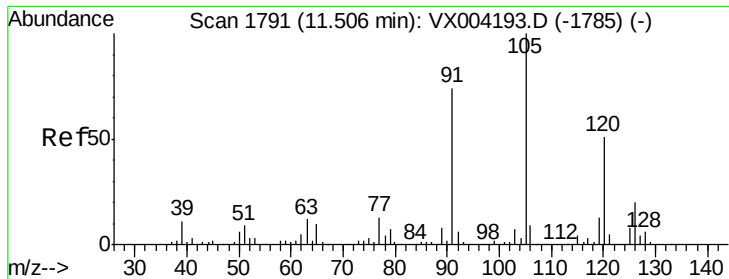
126 0.1 17.9 53.7#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

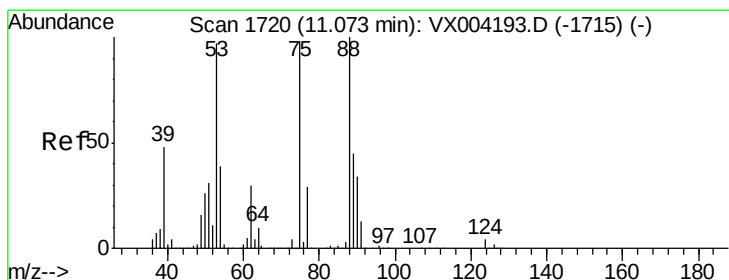
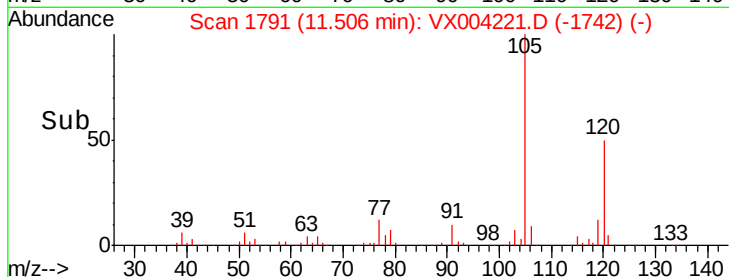
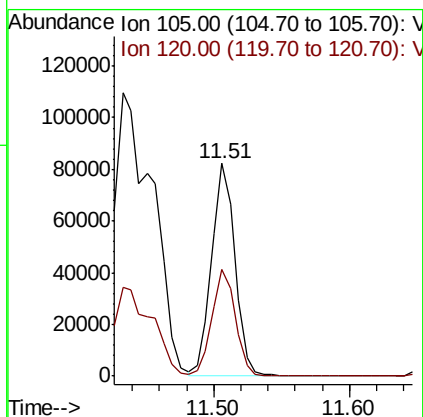
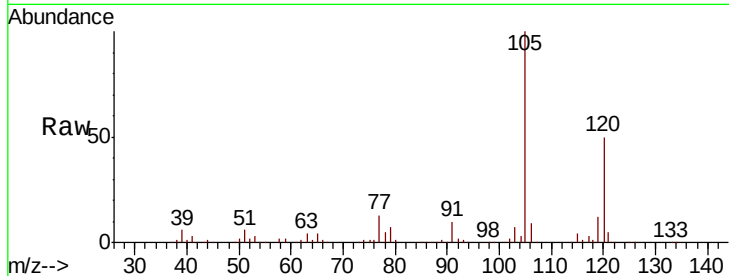




#80
 1,3,5-Trimethylbenzene
 Concen: 7.18 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX004221.D
 Acq: 23 Aug 2018 12:47

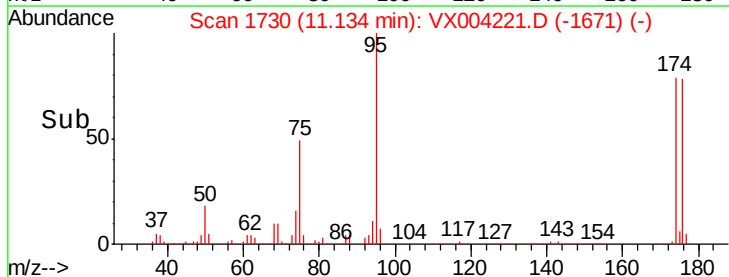
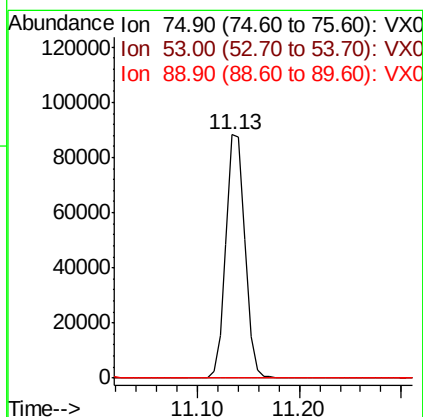
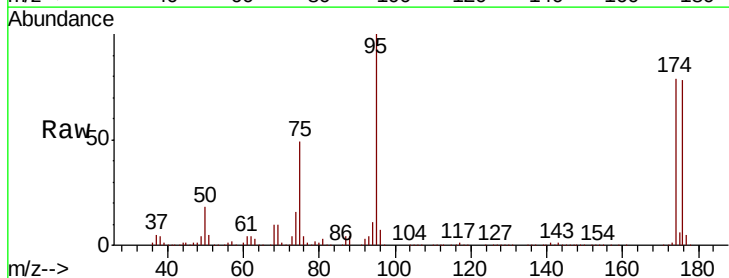
Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0544DL

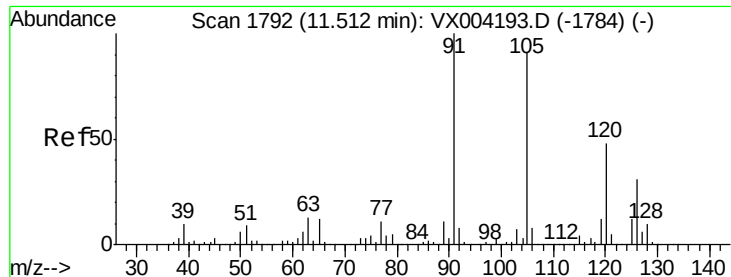
Tot Ion:105 Resp: 98664
 Ion Ratio Lower Upper
 105 100
 120 50.2 25.6 76.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.42 ug/l
 RT: 11.13 min Scan# 1730
 Delta R.T. 0.06 min
 Lab File: VX004221.D
 Acq: 23 Aug 2018 12:47

Tgt Ion: 75 Resp: 114733
 Ion Ratio Lower Upper
 75 100
 53 0.1 80.1 120.1#
 89 0.0 37.2 55.8#





#82

4-Chlorotoluene

Concen: 0.72 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX004221.D

Acq: 23 Aug 2018 12:47

Instrument :

MSVOA_X

ClientSampleID :

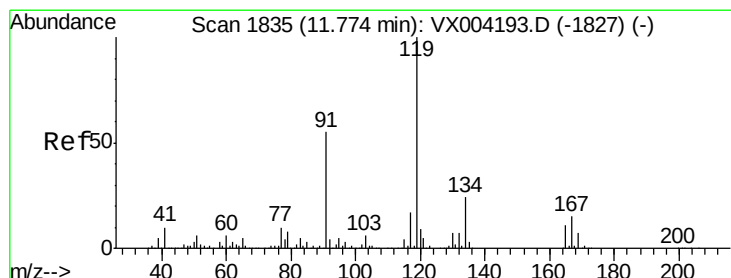
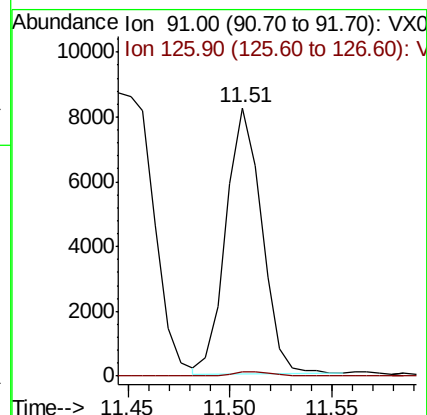
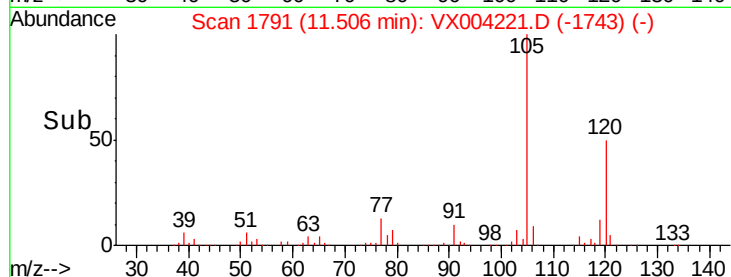
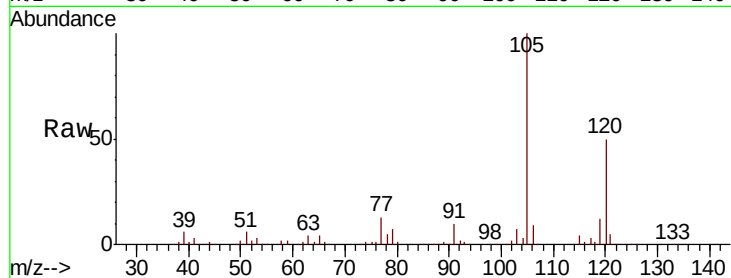
FL-0544DL

Tot Ion: 91 Resp: 9971

Ion Ratio Lower Upper

91 100

126 1.8 15.5 46.5#



#83

tert-Butylbenzene

Concen: 0.22 ug/l

RT: 11.77 min Scan# 1834

Delta R.T. -0.01 min

Lab File: VX004221.D

Acq: 23 Aug 2018 12:47

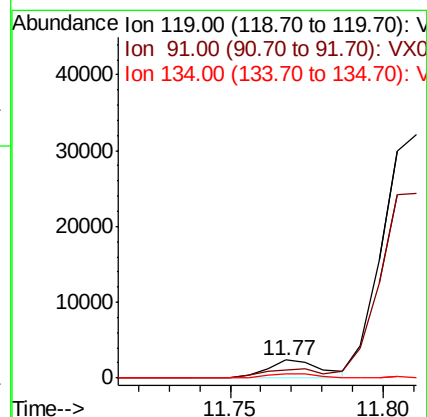
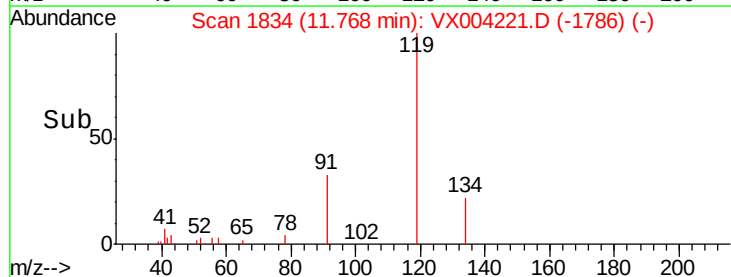
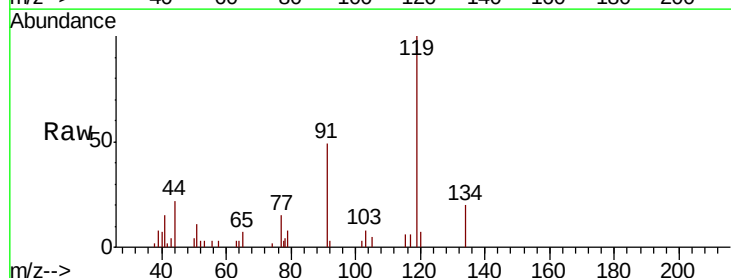
Tgt Ion: 119 Resp: 3011

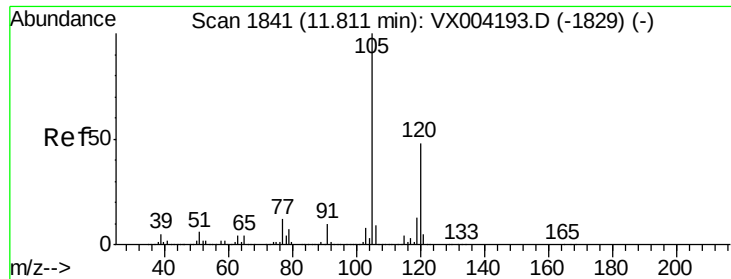
Ion Ratio Lower Upper

119 100

91 49.7 27.0 81.0

134 23.7 11.7 35.1





#84

1,2,4-Trimethylbenzene

Concen: 22.49 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VX004221.D

Acq: 23 Aug 2018 12:47

Instrument :

MSVOA_X

ClientSampled :

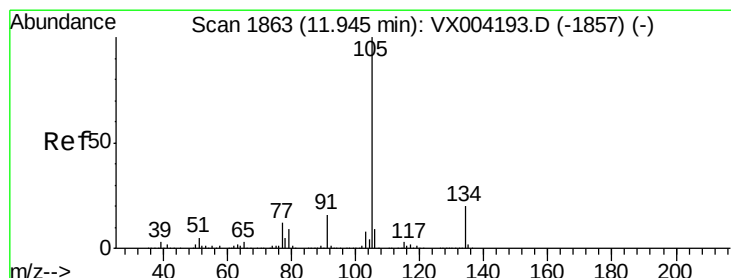
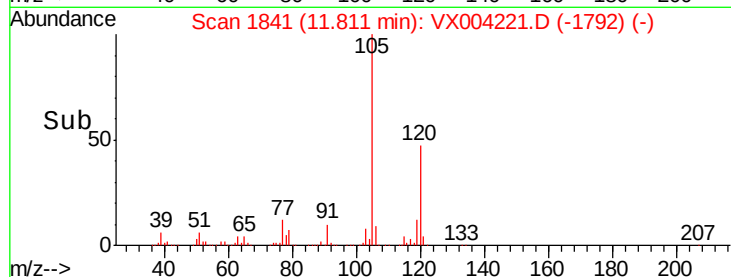
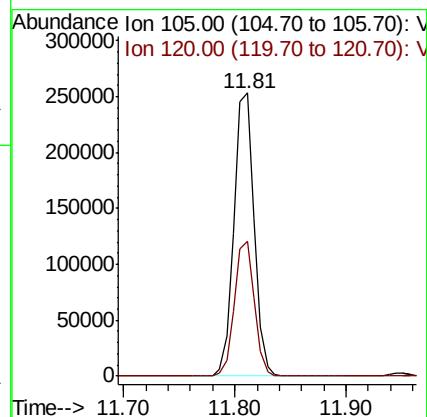
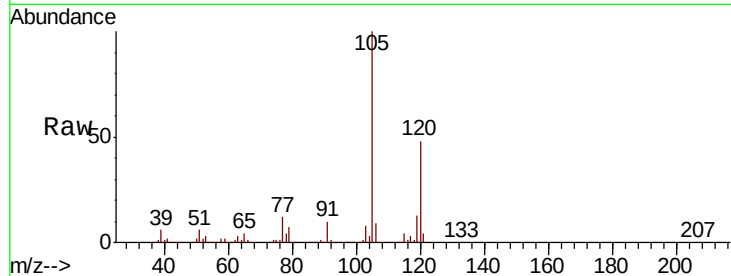
FL-0544DL

Tot Ion:105 Resp: 317420

Ion Ratio Lower Upper

105 100

120 47.2 23.2 69.6



#85

sec-Butylbenzene

Concen: 19.33 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.13 min

Lab File: VX004221.D

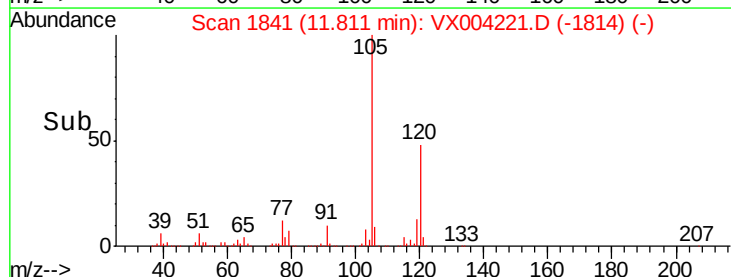
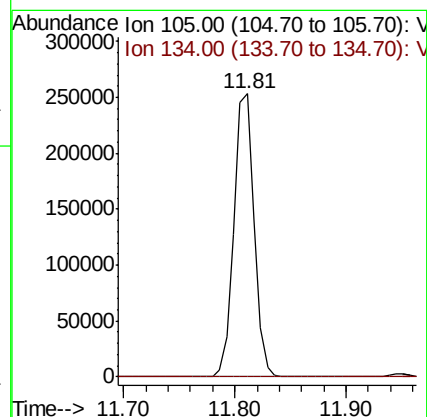
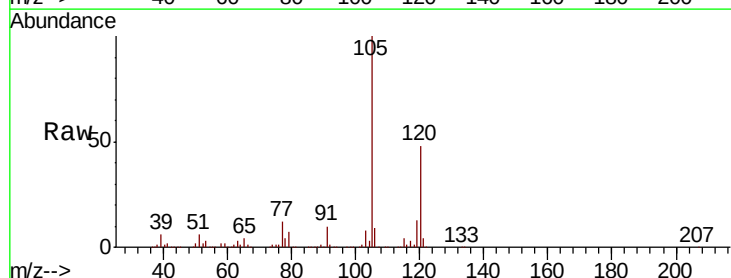
Acq: 23 Aug 2018 12:47

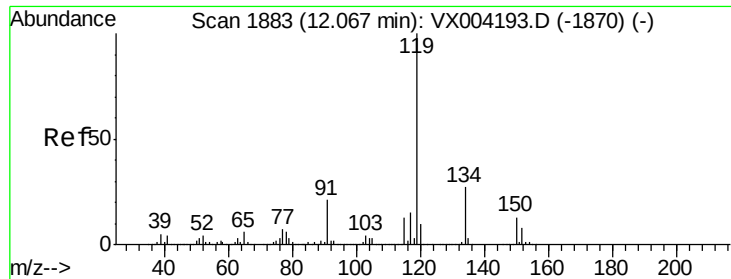
Tgt Ion:105 Resp: 317348

Ion Ratio Lower Upper

105 100

134 0.1 10.5 31.5#

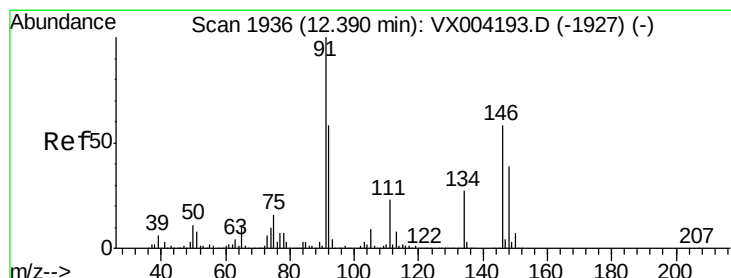
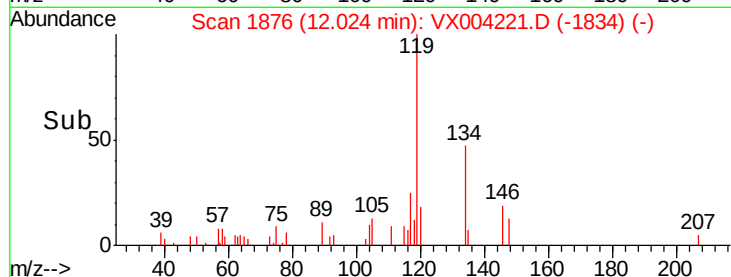
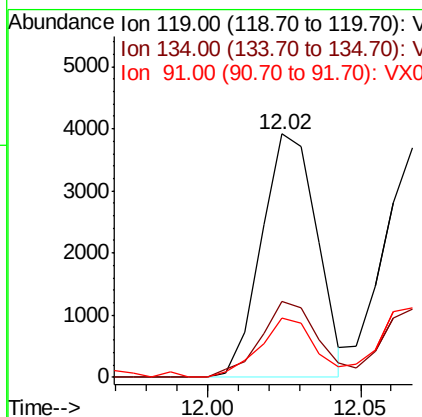
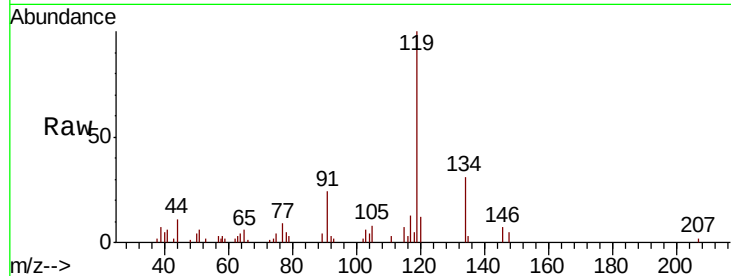




#86
 p-Isopropyltoluene
 Concen: 0.34 ug/l
 RT: 12.02 min Scan# 1876
 Delta R.T. -0.04 min
 Lab File: VX004221.D
 Acq: 23 Aug 2018 12:47

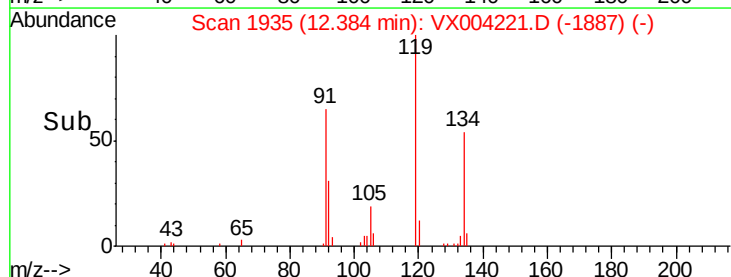
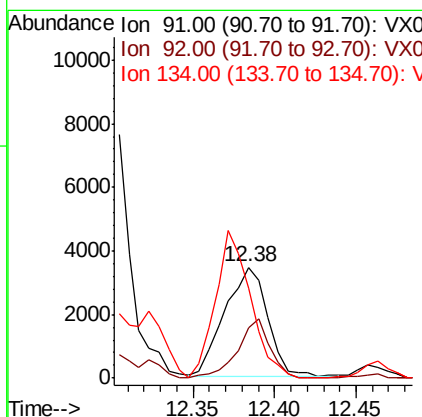
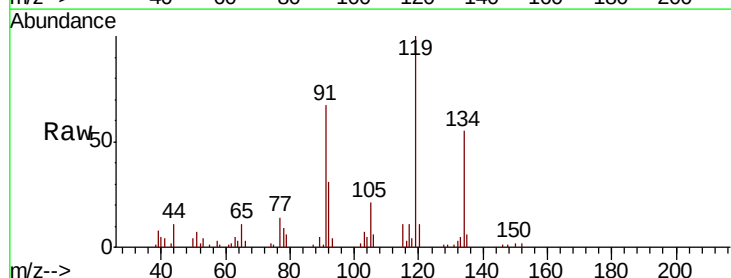
Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0544DL

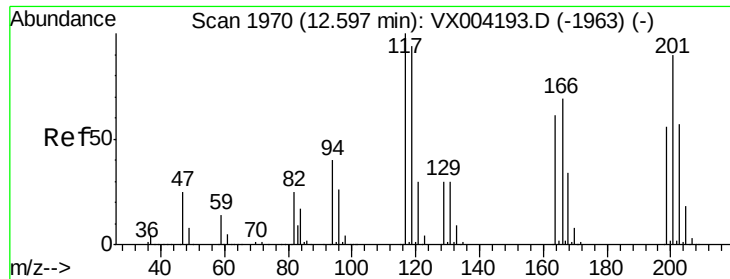
Tot Ion: 119 Resp: 4957
 Ion Ratio Lower Upper
 119 100
 134 32.4 13.4 40.2
 91 24.2 10.9 32.7



#89
 n-Butylbenzene
 Concen: 0.53 ug/l
 RT: 12.38 min Scan# 1935
 Delta R.T. -0.01 min
 Lab File: VX004221.D
 Acq: 23 Aug 2018 12:47

Tgt Ion: 91 Resp: 6285
 Ion Ratio Lower Upper
 91 100
 92 40.8 27.3 81.9
 134 110.6 13.6 40.7#





#90

Hexachloroethane

Concen: 1.60 ug/l

RT: 12.70 min Scan# 1987

Delta R.T. 0.10 min

Lab File: VX004221.D

Acq: 23 Aug 2018 12:47

Instrument :

MSVOA_X

ClientSampled :

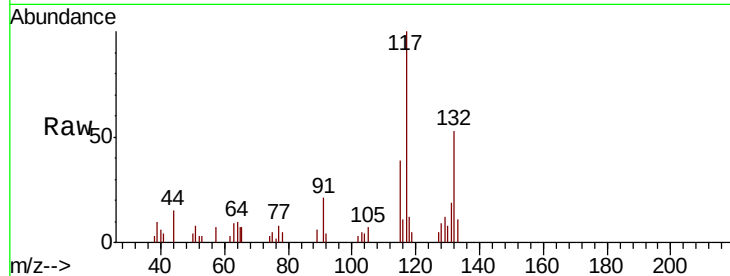
FL-0544DL

Tot Ion:117 Resp: 3283

Ion Ratio Lower Upper

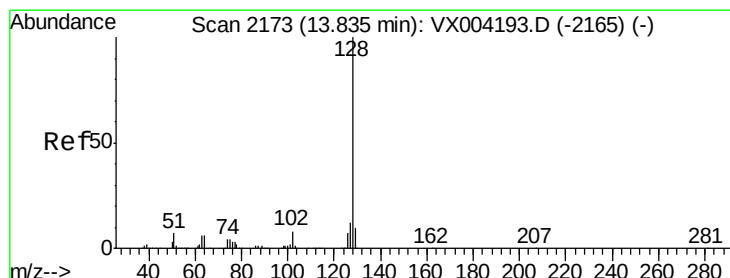
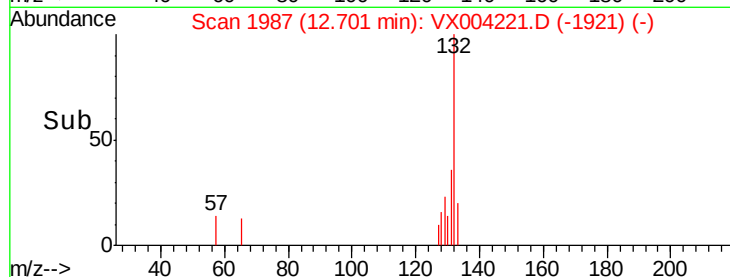
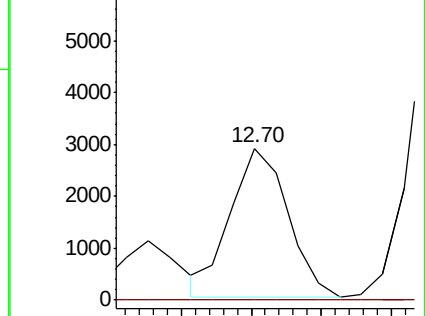
117 100

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



#95

Naphthalene

Concen: 10.49 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX004221.D

Acq: 23 Aug 2018 12:47

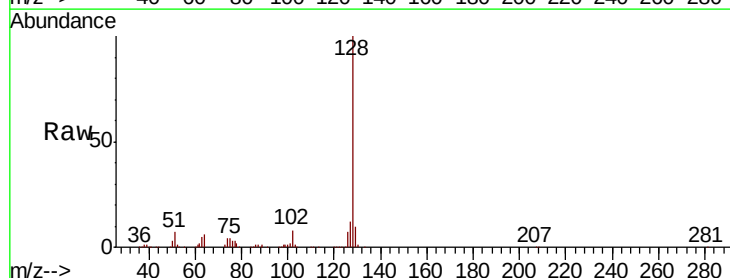
Tgt Ion:128 Resp: 172927

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.2

129 10.8 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

