

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072219\
 Data File : VX011026.D
 Acq On : 22 Jul 2019 13:29
 Operator : JC/SP
 Sample : K3884-07DL 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0617DL

Quant Time: Jul 23 03:43:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 20 04:05:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	232896	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	365580	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	350119	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	180164	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	130174	52.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.08%	
35) Dibromofluoromethane	5.49	113	111776	48.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.34%	
50) Toluene-d8	8.71	98	439296	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	
62) 4-Bromofluorobenzene	11.13	95	175952	55.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	110	0.590 ug/l #	43
3) Chloromethane	1.33	50	514	0.240 ug/l	90
5) Bromomethane	1.64	94	592	0.481 ug/l	95
10) Methyl Iodide	2.51	142	682	0.246 ug/l #	87
11) Tert butyl alcohol	3.02	59	15431	26.742 ug/l #	73
13) Acrolein	2.28	56	313	0.939 ug/l #	15
15) Acrylonitrile	3.17	53	1043	0.895 ug/l #	47
16) Acetone	2.45	43	1580	1.412 ug/l	94
18) Methyl Acetate	2.84	43	5766	2.263 ug/l #	48
20) Methylene Chloride	2.85	84	855	0.361 ug/l #	84
31) Cyclohexane	5.57	56	44486	13.224 ug/l	96
36) 1,1-Dichloropropene	5.66	75	15336	5.107 ug/l #	48
38) Carbon Tetrachloride	5.66	117	21541	6.884 ug/l #	18
39) Methylcyclohexane	7.46	83	29294	7.522 ug/l	95
45) 1,2-Dichloropropane	7.45	63	538	0.230 ug/l #	1
48) Methyl methacrylate	7.74	41	1648	0.669 ug/l #	76
49) 1,4-Dioxane	7.45	88	19	0.276 ug/l #	1
52) Toluene	8.78	92	59617	9.866 ug/l	98
55) 1,1,2-Trichloroethane	9.16	97	1280	0.514 ug/l #	24
67) Ethyl Benzene	10.25	91	400866	32.750 ug/l	100
68) m/p-Xylenes	10.35	106	509947	108.609 ug/l	99
69) o-Xylene	10.69	106	224212	48.930 ug/l	99
70) Styrene	10.69	104	11461	1.500 ug/l #	1
73) Isopropylbenzene	11.02	105	24582	2.019 ug/l	98
76) 1,2,3-Trichloropropane	11.13	75	87172	26.813 ug/l #	35
78) n-propylbenzene	11.36	91	43436	3.229 ug/l	99
79) 2-Chlorotoluene	11.43	91	27156	3.361 ug/l #	39
80) 1,3,5-Trimethylbenzene	11.51	105	80356	7.899 ug/l	99
81) trans-1,4-Dichloro-2-buten	11.13	75	87172	66.504 ug/l #	11
82) 4-Chlorotoluene	11.51	91	9250	0.984 ug/l #	44
83) tert-Butylbenzene	11.80	119	30992	3.102 ug/l #	58
84) 1,2,4-Trimethylbenzene	11.80	105	251000	24.481 ug/l	100
85) sec-Butylbenzene	11.80	105	251000	21.439 ug/l #	55
86) p-Isopropyltoluene	12.02	119	7638	0.706 ug/l	98

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Quant Title : SW846 8260
QLast Update : Sat Jul 20 04:05:59 2019
Response via : Initial Calibration

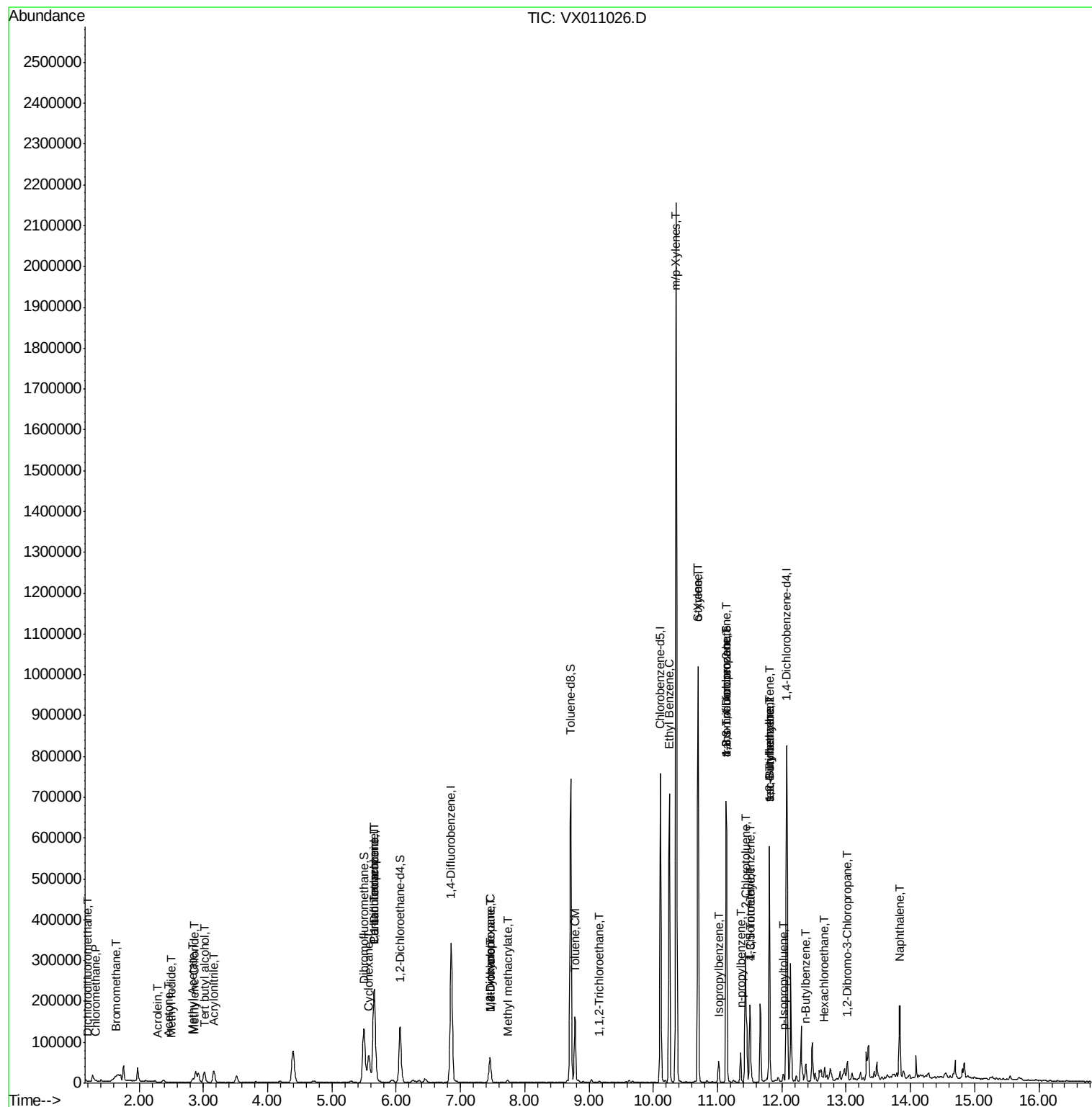
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	12.38	91	5831	0.630	ug/l #	21
90) Hexachloroethane	12.66	117	1417	0.830	ug/l #	6
92) 1,2-Dibromo-3-Chloropropan	13.01	75	167	0.201	ug/l #	1
95) Naphthalene	13.83	128	115397	9.984	ug/l	99

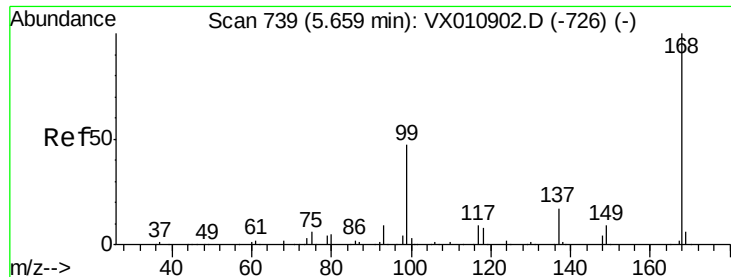
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX011026.D

Acq: 22 Jul 2019 13:29

Instrument :

MSVOA_X

ClientSampleId :

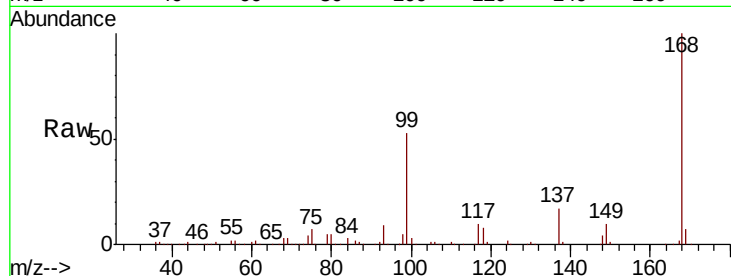
FL-0617DL

Tot Ion:168 Resp: 232896

Ion Ratio Lower Upper

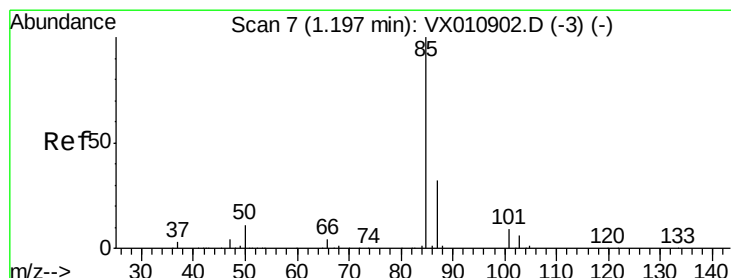
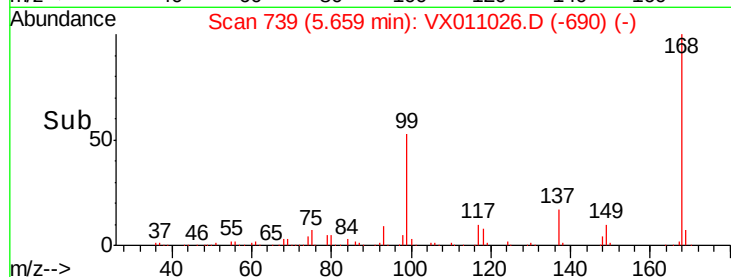
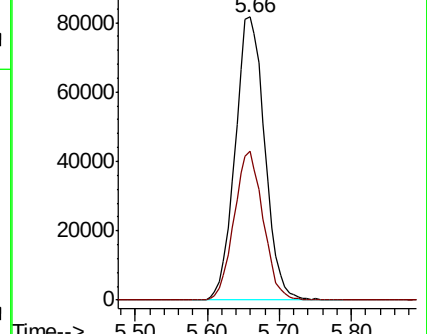
168 100

99 52.7 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 0.590 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX011026.D

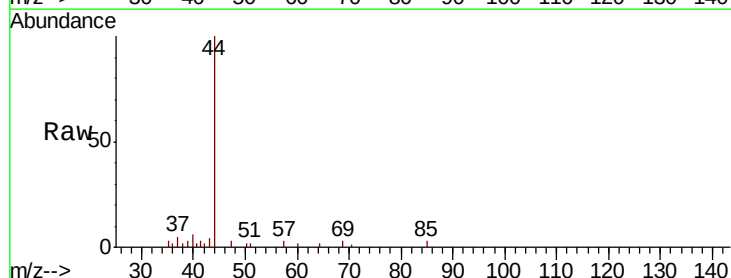
Acq: 22 Jul 2019 13:29

Tgt Ion: 85 Resp: 110

Ion Ratio Lower Upper

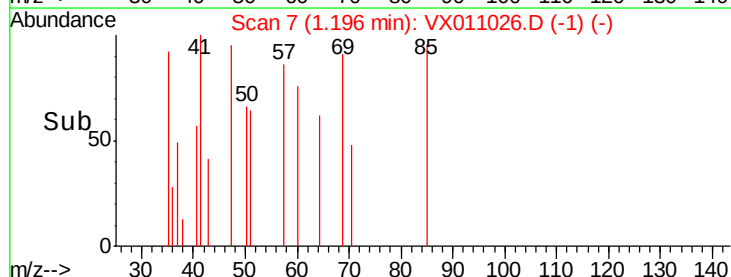
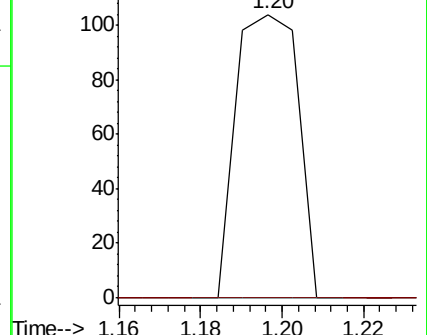
85 100

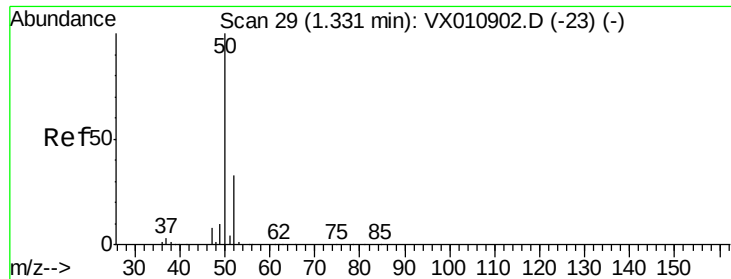
87 0.0 15.9 47.7#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 0.240 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX011026.D

Acq: 22 Jul 2019 13:29

Instrument :

MSVOA_X

ClientSampleId :

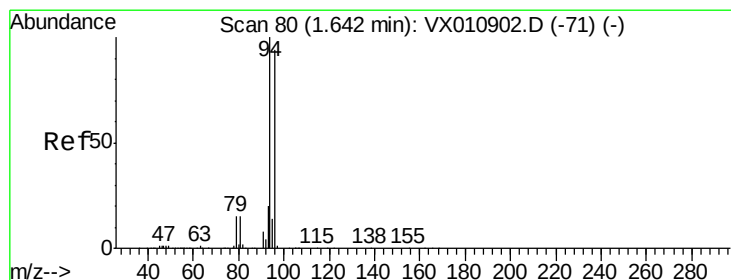
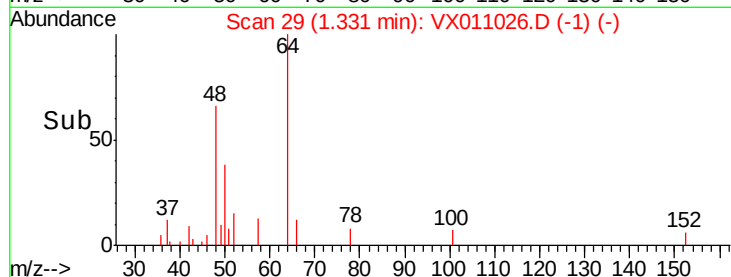
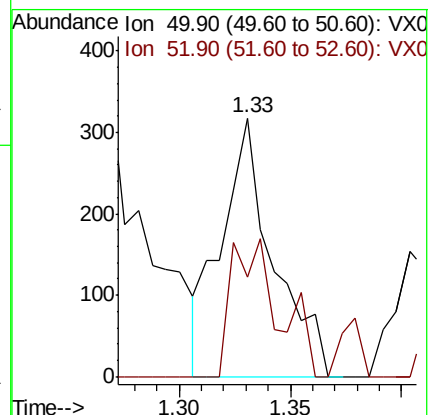
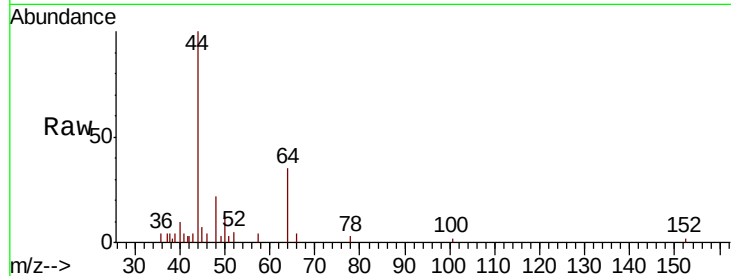
FL-0617DL

Tot Ion: 50 Resp: 514

Ion Ratio Lower Upper

50 100

52 38.7 26.4 39.6



#5

Bromomethane

Concen: 0.481 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX011026.D

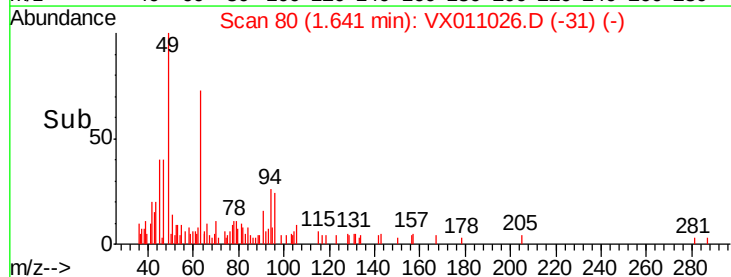
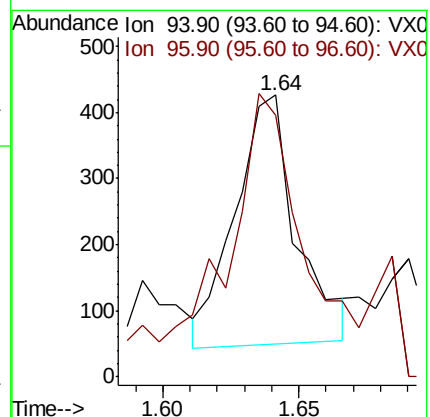
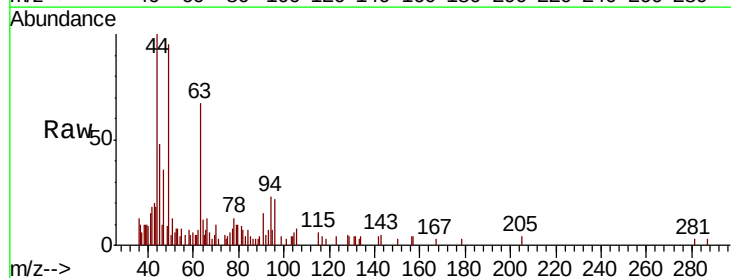
Acq: 22 Jul 2019 13:29

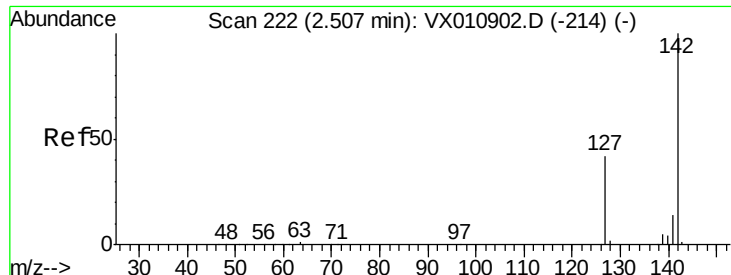
Tgt Ion: 94 Resp: 592

Ion Ratio Lower Upper

94 100

96 89.3 75.6 113.4

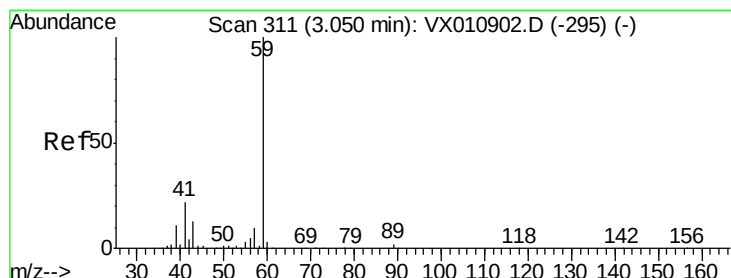
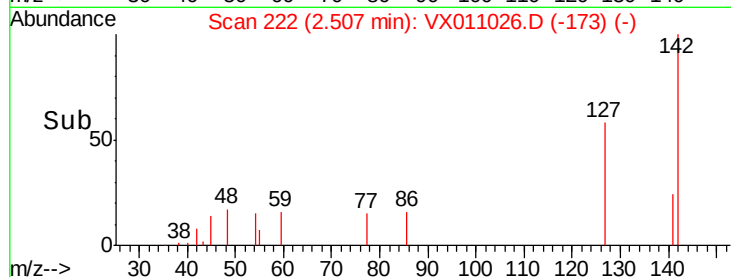
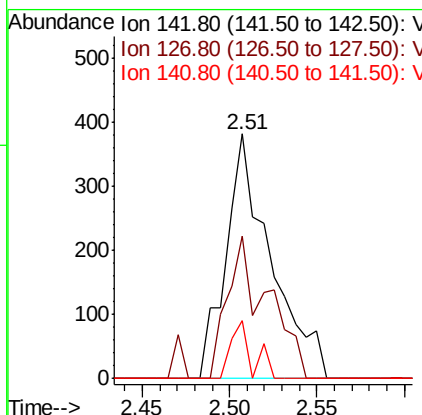
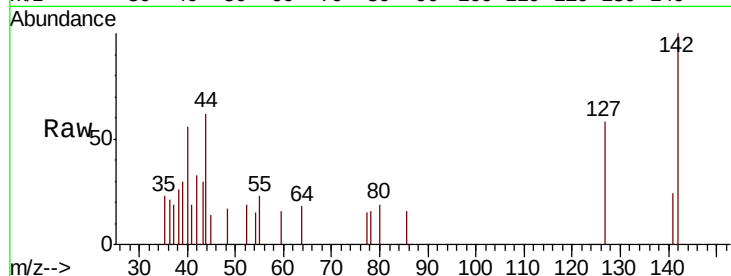




#10
Methvl Iodide
Concen: 0.246 ug/l
RT: 2.51 min Scan# 222
Delta R.T. -0.00 min
Lab File: VX011026.D
Acq: 22 Jul 2019 13:29

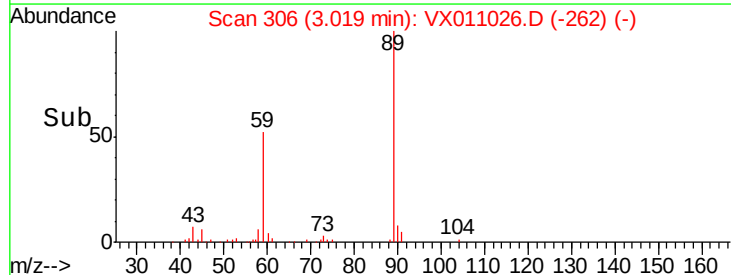
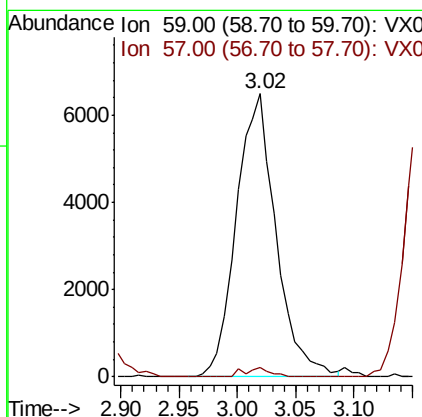
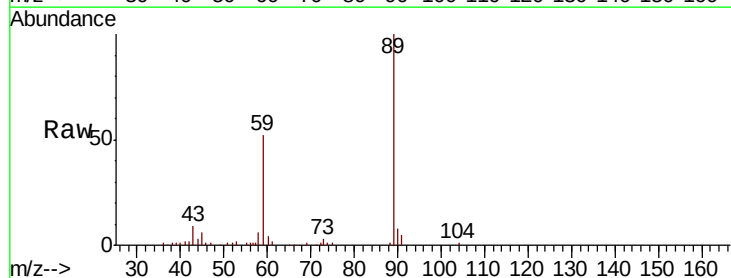
Instrument :
MSVOA_X
ClientSampleId :
FL-0617DL

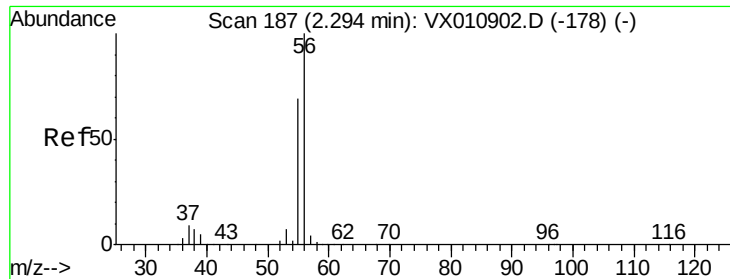
Tot Ion:142 Resp: 682
Ion Ratio Lower Upper
142 100
127 52.3 34.2 51.4#
141 11.0 11.7 17.5#



#11
Tert butyl alcohol
Concen: 26.742 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.03 min
Lab File: VX011026.D
Acq: 22 Jul 2019 13:29

Tgt Ion: 59 Resp: 15431
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#





#13

Acrolein

Concen: 0.939 ug/l

RT: 2.28 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX011026.D

Acq: 22 Jul 2019 13:29

Instrument :

MSVOA_X

ClientSampleID :

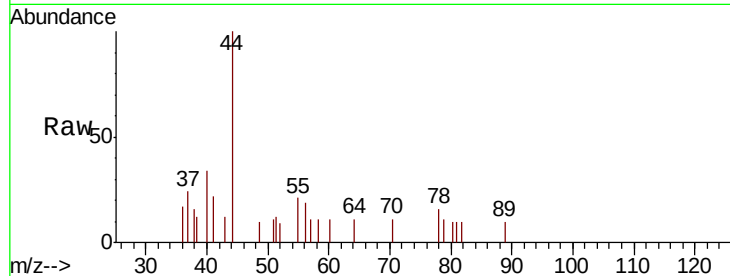
FL-0617DL

Tot Ion: 56 Resp: 313

Ion Ratio Lower Upper

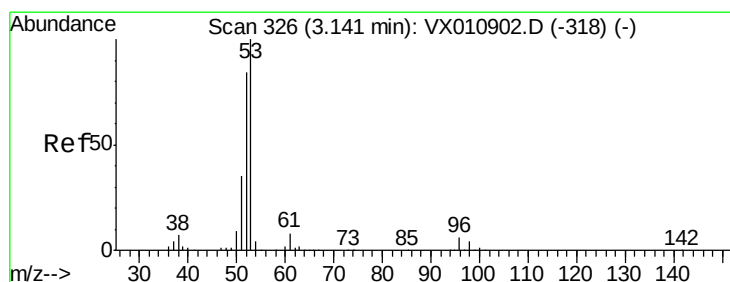
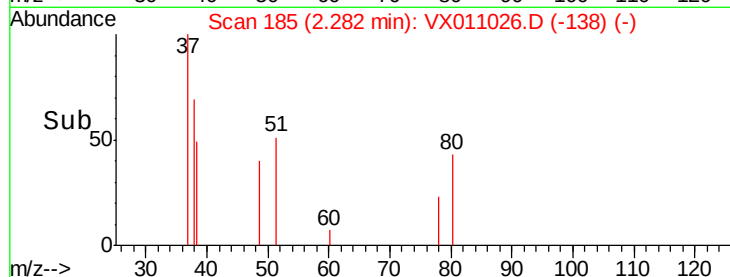
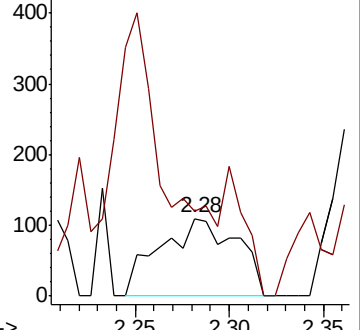
56 100

55 0.0 55.9 83.9#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#15

Acrylonitrile

Concen: 0.895 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.02 min

Lab File: VX011026.D

Acq: 22 Jul 2019 13:29

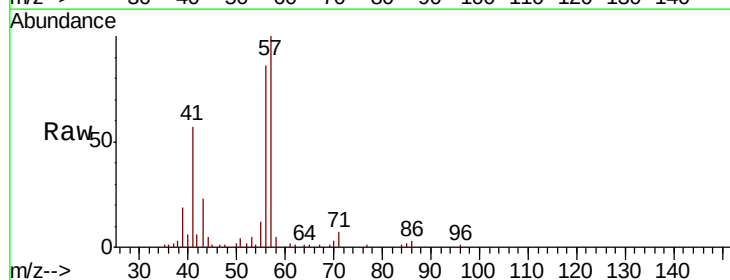
Tgt Ion: 53 Resp: 1043

Ion Ratio Lower Upper

53 100

52 34.8 66.5 99.7#

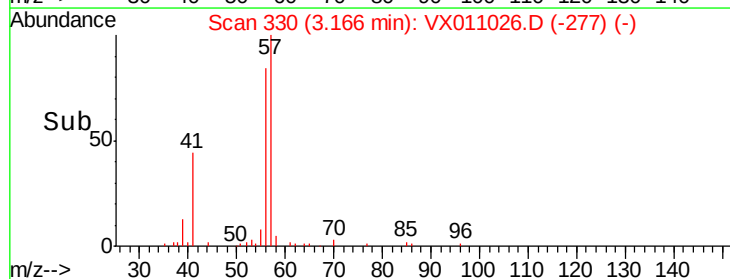
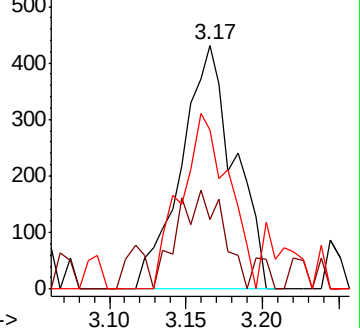
51 64.6 28.2 42.4#

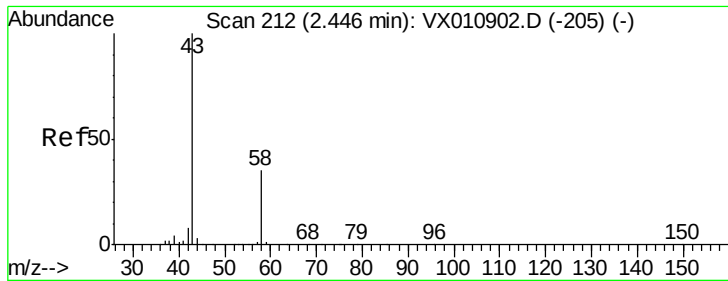


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#16

Acetone

Concen: 1.412 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX011026.D

Acq: 22 Jul 2019 13:29

Instrument :

MSVOA_X

ClientSampled :

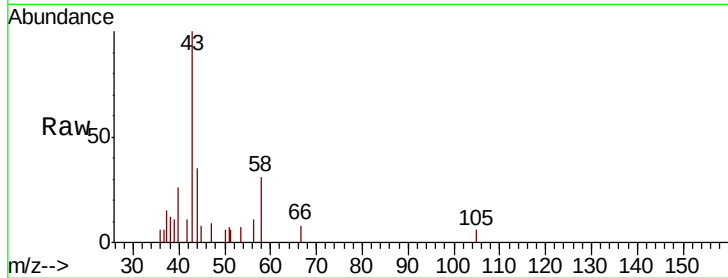
FL-0617DL

Tot Ion: 43 Resp: 1580

Ion Ratio Lower Upper

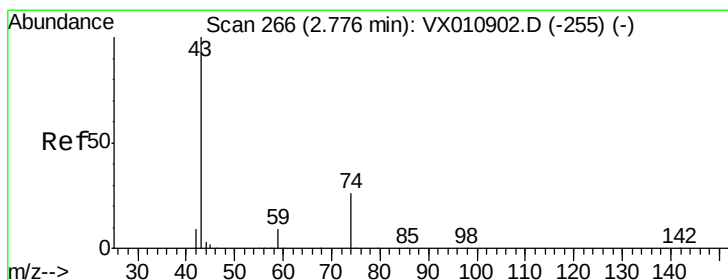
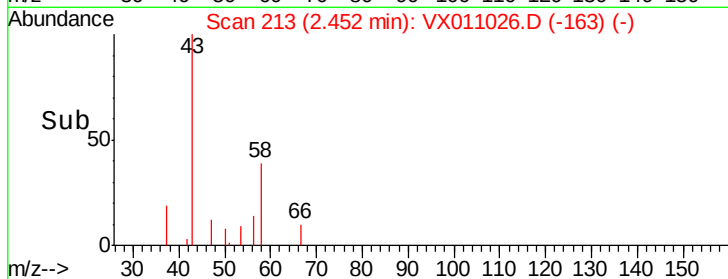
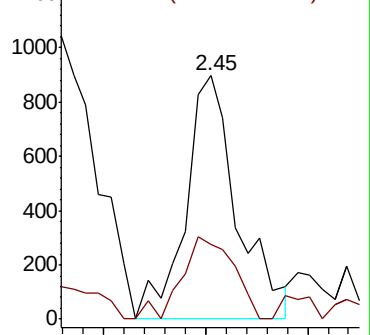
43 100

58 30.9 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#18

Methyl Acetate

Concen: 2.263 ug/l

RT: 2.84 min Scan# 276

Delta R.T. 0.06 min

Lab File: VX011026.D

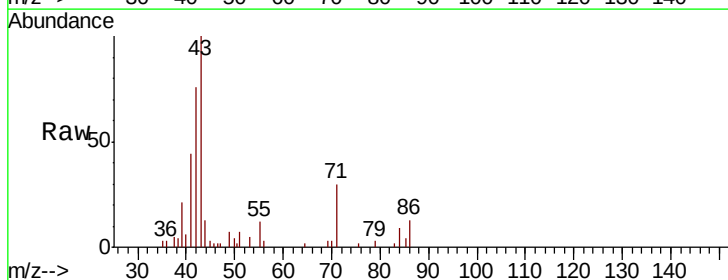
Acq: 22 Jul 2019 13:29

Tgt Ion: 43 Resp: 5766

Ion Ratio Lower Upper

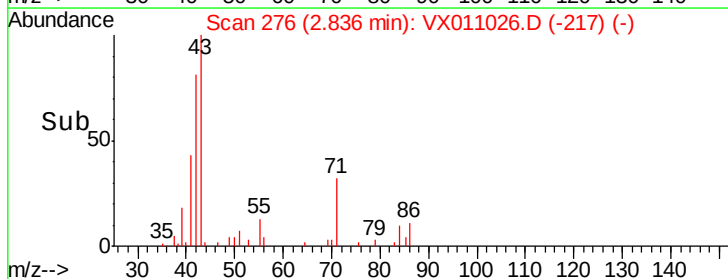
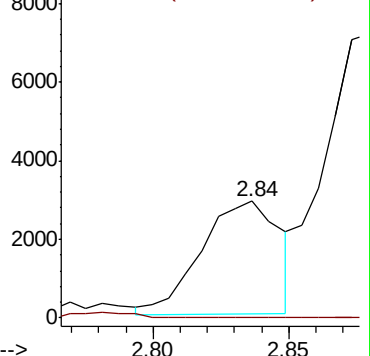
43 100

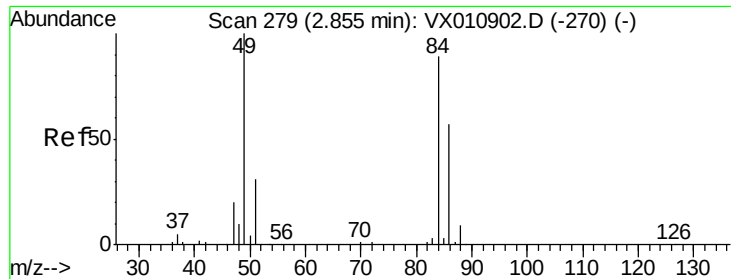
74 0.0 21.5 32.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

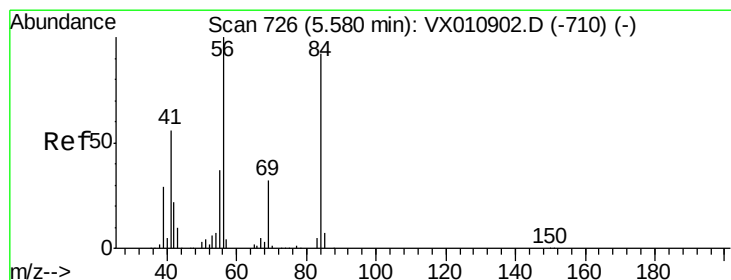
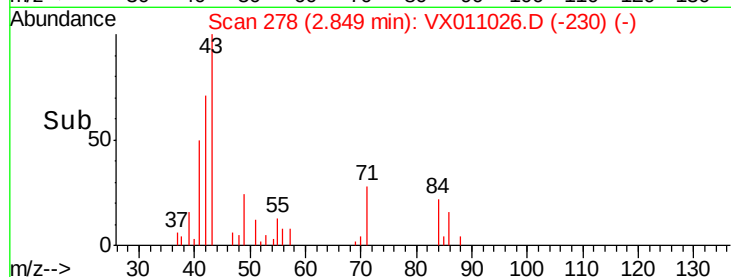
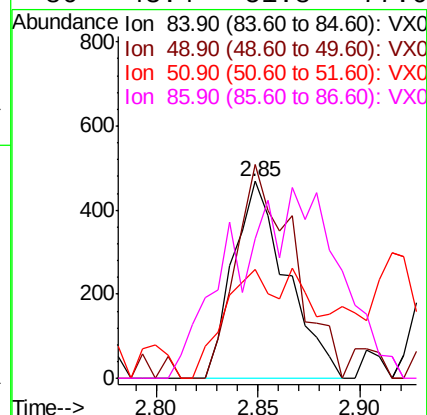
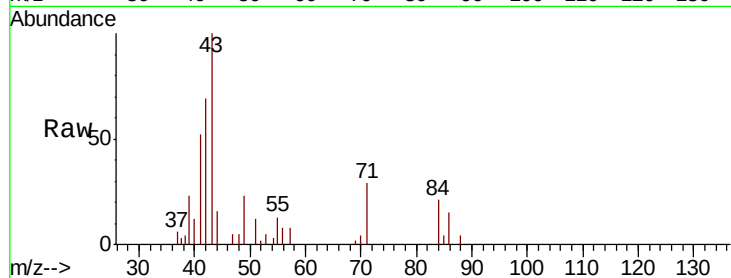




#20
Methylene Chloride
Concen: 0.361 ug/l
RT: 2.85 min Scan# 278
Delta R.T. -0.01 min
Lab File: VX011026.D
Acq: 22 Jul 2019 13:29

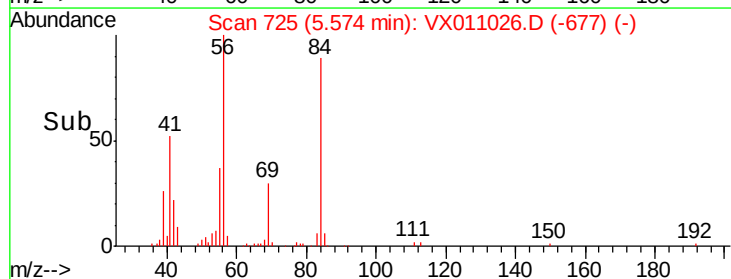
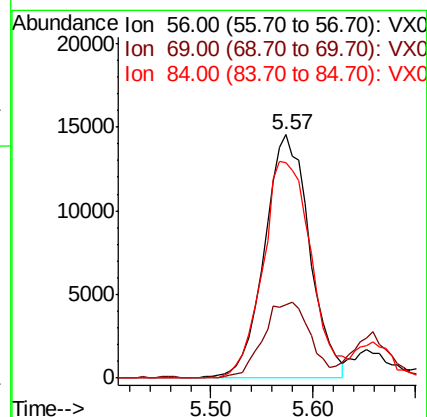
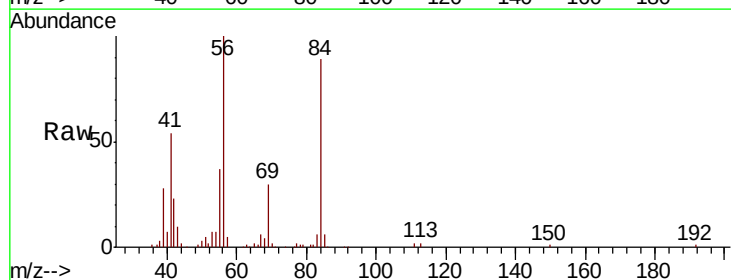
Instrument :
MSVOA_X
ClientSampleId :
FL-0617DL

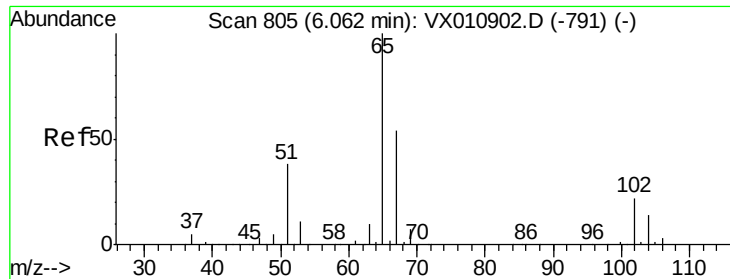
Tot Ion	Ratio	Lower	Upper
84	100		
49	108.5	89.9	134.9
51	55.6	27.8	41.6#
86	43.4	51.8	77.6#



#31
Cyclohexane
Concen: 13.224 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX011026.D
Acq: 22 Jul 2019 13:29

Tgt Ion	Ratio	Lower	Upper
56	100		
69	29.6	25.8	38.8
84	88.7	73.8	110.6

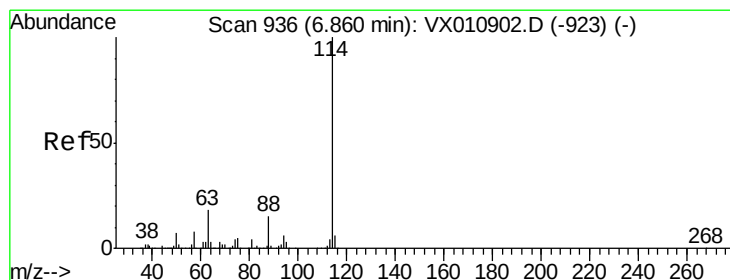
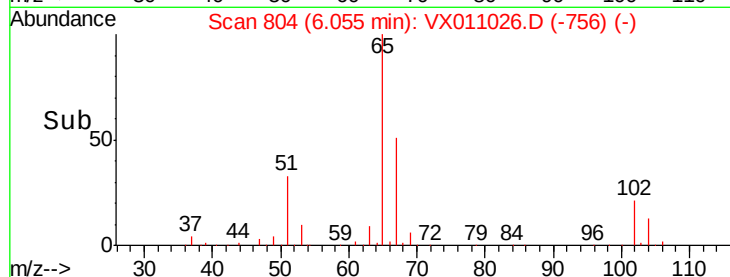
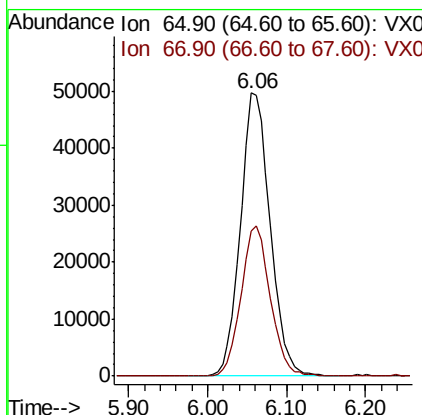
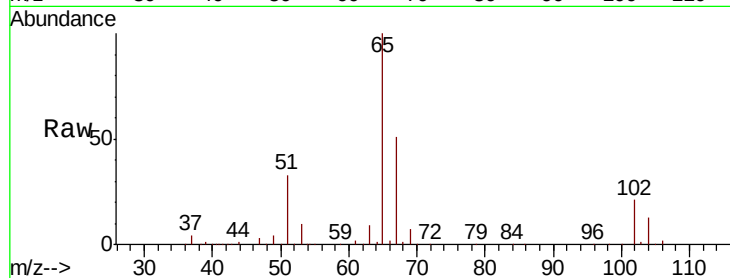




#33
 1,2-Dichloroethane-d4
 Concen: 52.539 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX011026.D
 Acq: 22 Jul 2019 13:29

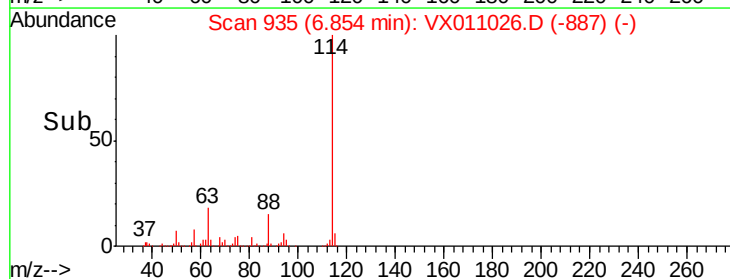
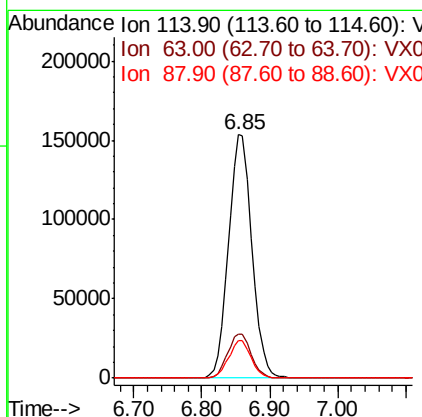
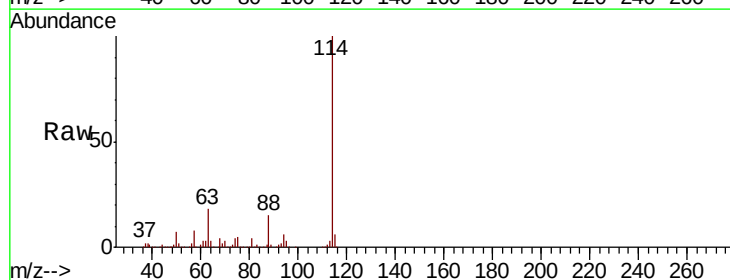
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0617DL

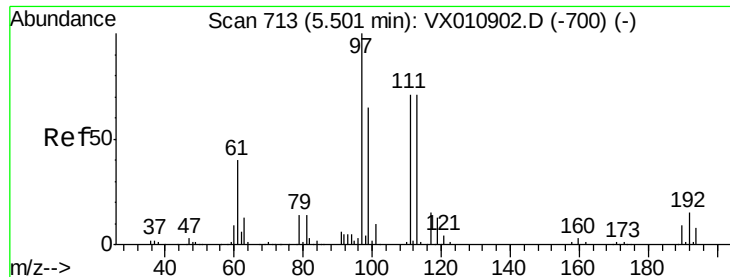
Tot Ion: 65 Resp: 130174
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX011026.D
 Acq: 22 Jul 2019 13:29

Tgt Ion: 114 Resp: 365580
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 35.6
 88 15.4 0.0 29.8





#35

Dibromofluoromethane

Concen: 48.171 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX011026.D

Acq: 22 Jul 2019 13:29

Instrument :

MSVOA_X

ClientSampled :

FL-0617DL

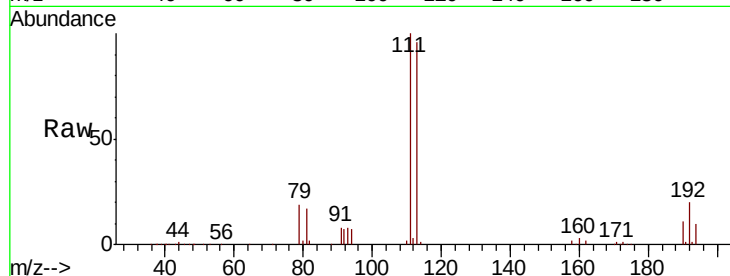
Tot Ion:113 Resp: 111776

Ion Ratio Lower Upper

113 100

111 101.9 82.3 123.5

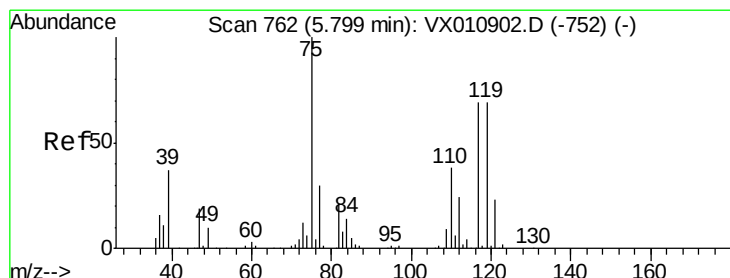
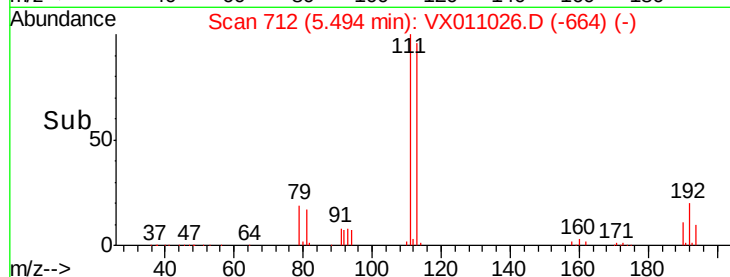
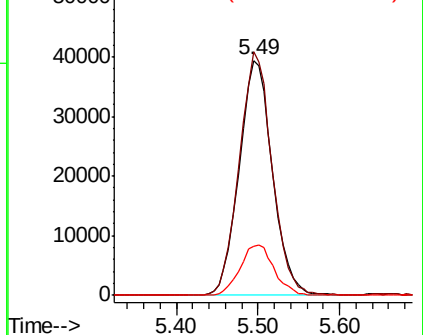
192 21.9 17.4 26.2



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: 5.107 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX011026.D

Acq: 22 Jul 2019 13:29

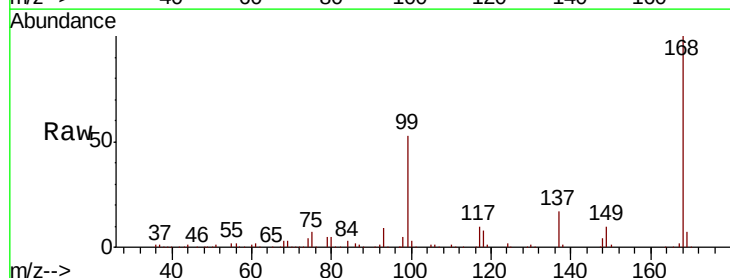
Tgt Ion: 75 Resp: 15336

Ion Ratio Lower Upper

75 100

110 9.8 19.9 59.7#

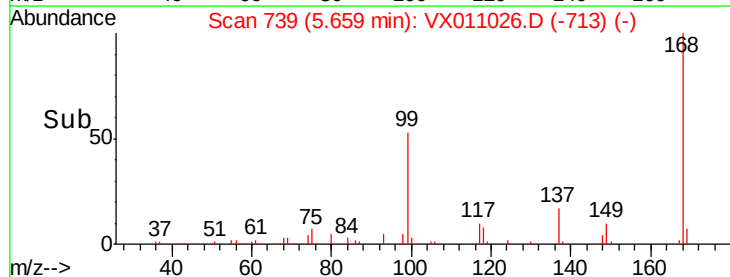
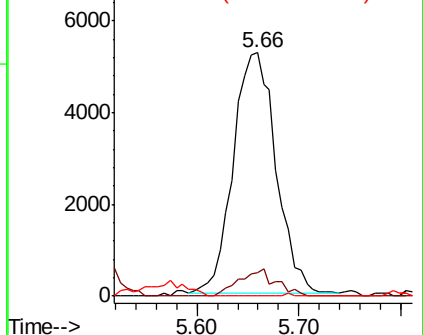
77 0.0 25.0 37.4#

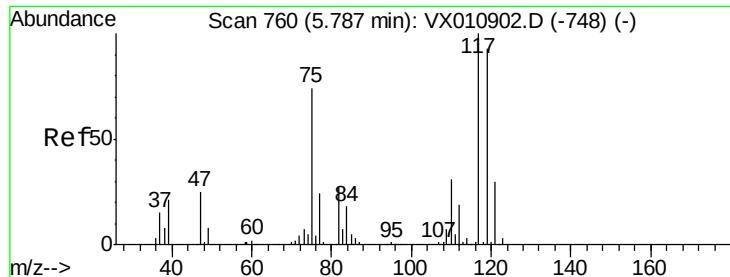


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.884 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.13 min

Lab File: VX011026.D

Acq: 22 Jul 2019 13:29

Instrument :

MSVOA_X

ClientSampled :

FL-0617DL

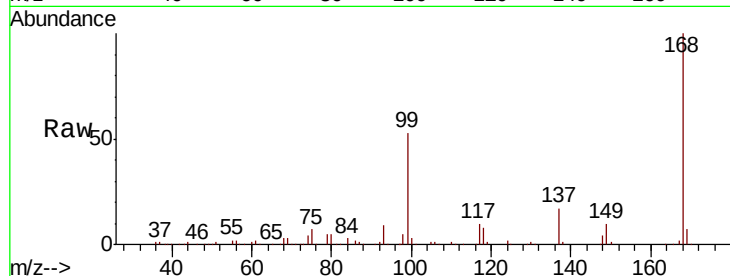
Tot Ion:117 Resp: 21541

Ion Ratio Lower Upper

117 100

119 5.4 74.2 111.2#

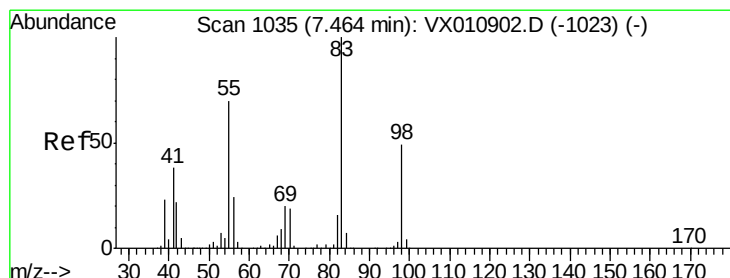
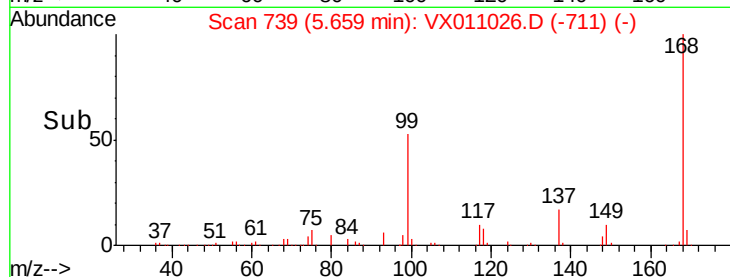
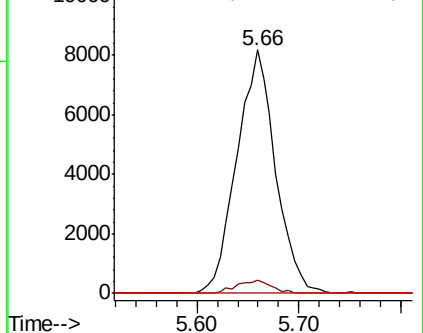
121 0.0 24.2 36.2#



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: 7.522 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. -0.01 min

Lab File: VX011026.D

Acq: 22 Jul 2019 13:29

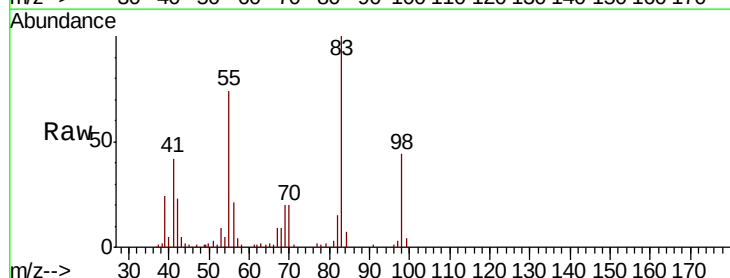
Tgt Ion: 83 Resp: 29294

Ion Ratio Lower Upper

83 100

55 74.1 56.2 84.4

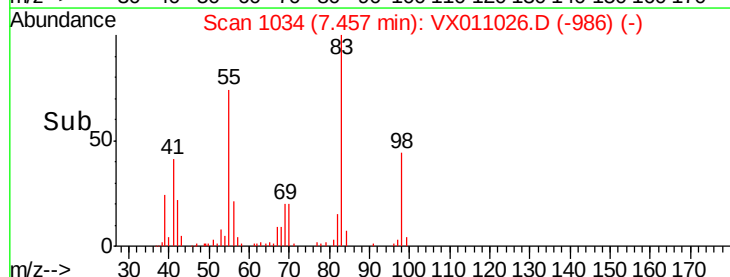
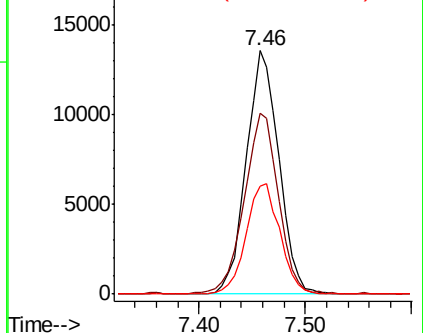
98 44.1 39.0 58.4

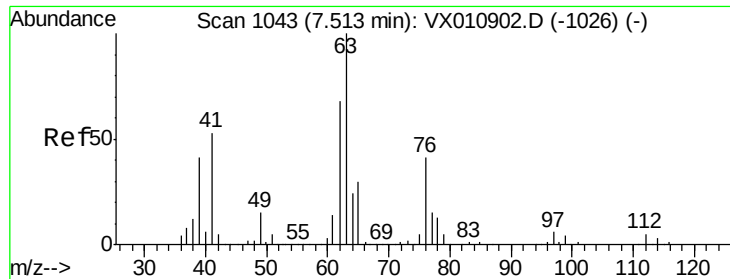


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

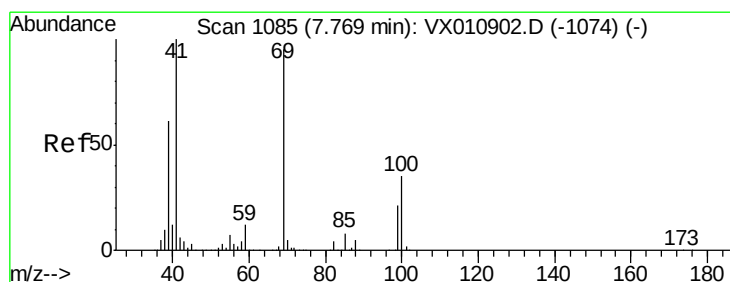
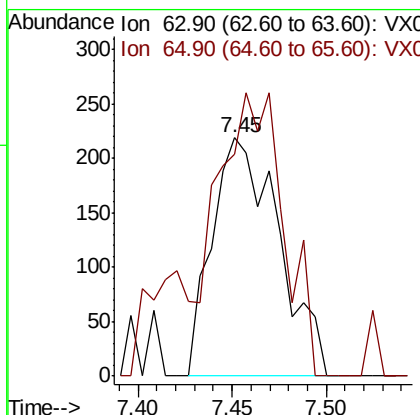
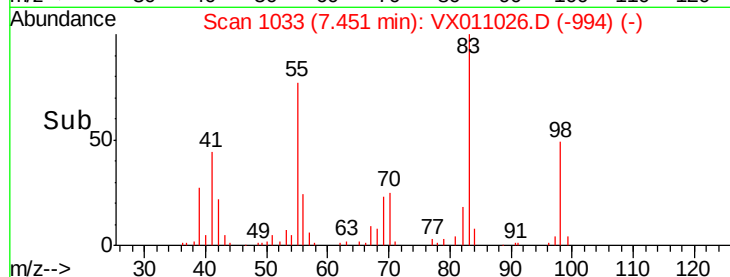
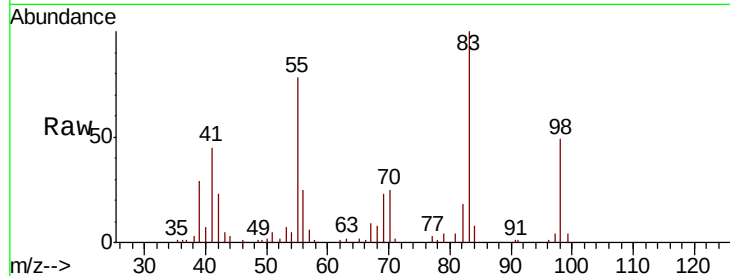




#45
 1,2-Dichloropropane
 Concen: 0.230 ug/l
 RT: 7.45 min Scan# 1033
 Delta R.T. -0.06 min
 Lab File: VX011026.D
 Acq: 22 Jul 2019 13:29

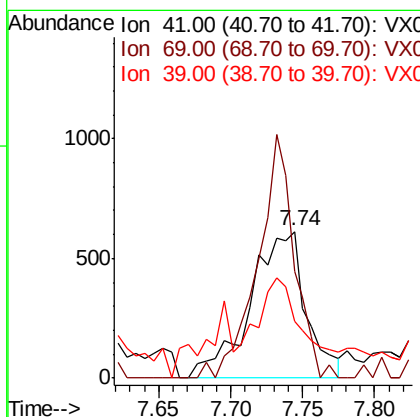
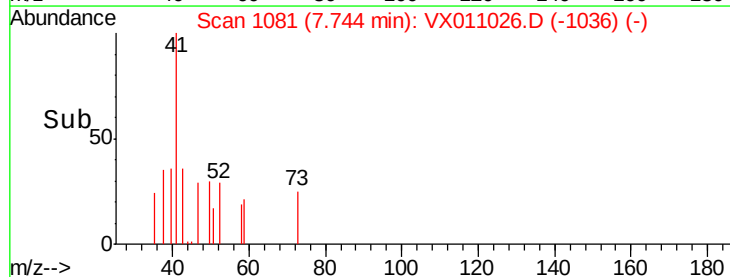
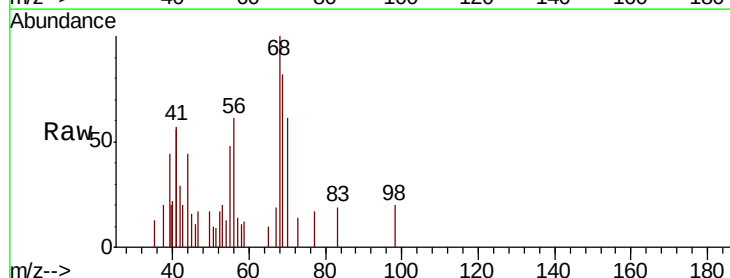
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0617DL

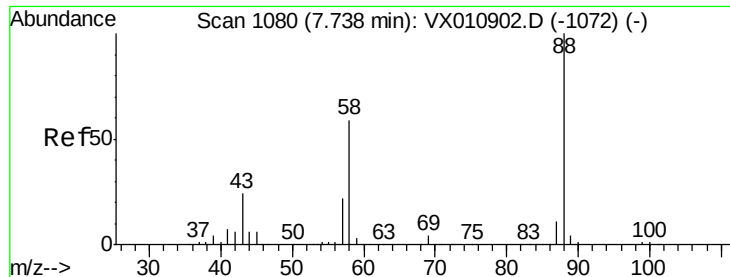
Tot Ion: 63 Resp: 538
 Ion Ratio Lower Upper
 63 100
 65 93.2 24.4 36.6#



#48
 Methyl methacrylate
 Concen: 0.669 ug/l
 RT: 7.74 min Scan# 1081
 Delta R.T. -0.02 min
 Lab File: VX011026.D
 Acq: 22 Jul 2019 13:29

Tgt Ion: 41 Resp: 1648
 Ion Ratio Lower Upper
 41 100
 69 108.5 74.4 111.6
 39 34.2 48.9 73.3#

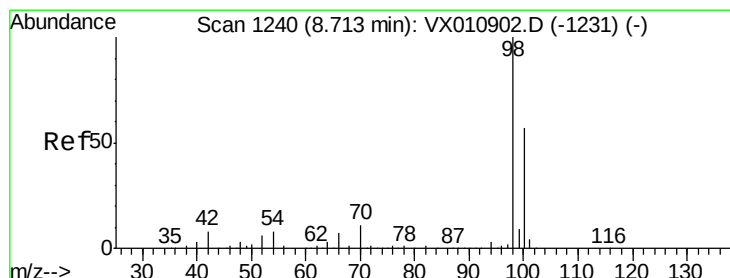
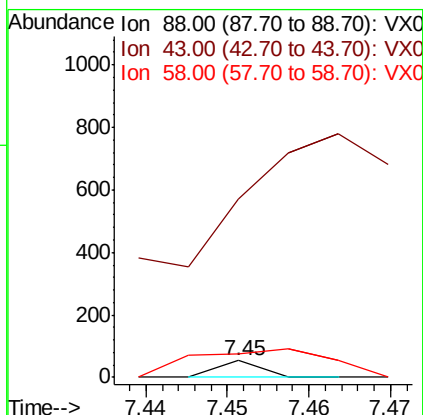
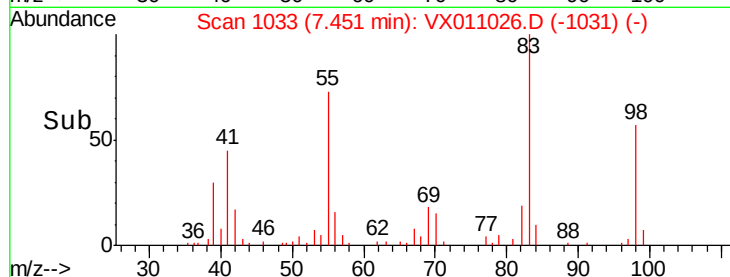
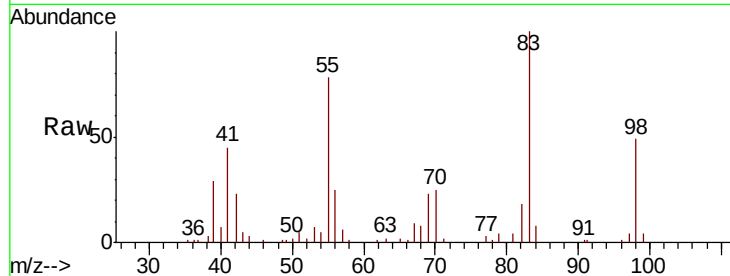




#49
1,4-Dioxane
Concen: 0.276 ug/l
RT: 7.45 min Scan# 1033
Delta R.T. -0.29 min
Lab File: VX011026.D
Acq: 22 Jul 2019 13:29

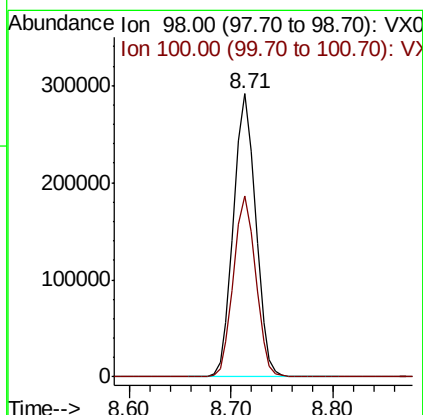
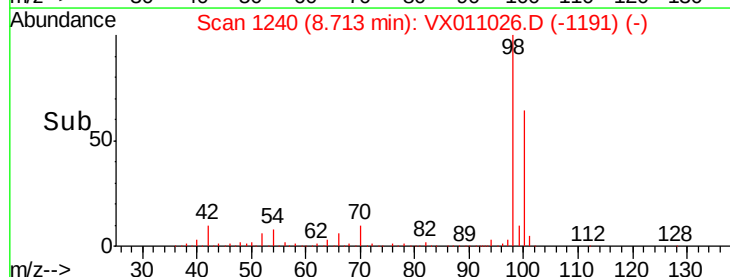
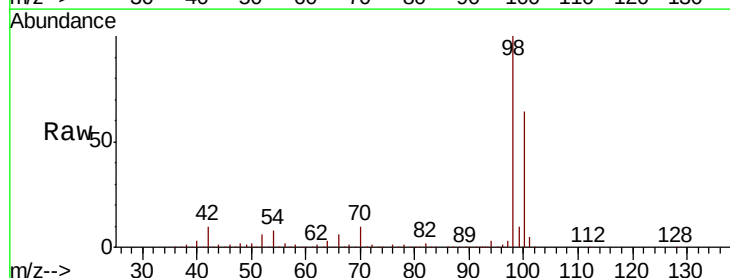
Instrument :
MSVOA_X
ClientSampleId :
FL-0617DL

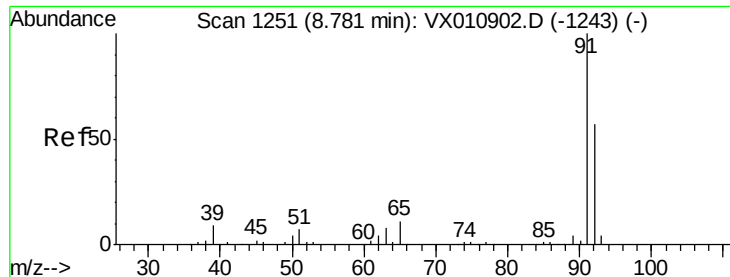
Tot Ion: 88 Resp: 19
Ion Ratio Lower Upper
88 100
43 6857.9 22.9 34.3#
58 431.6 49.8 74.8#



#50
Toluene-d8
Concen: 50.476 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011026.D
Acq: 22 Jul 2019 13:29

Tgt Ion: 98 Resp: 439296
Ion Ratio Lower Upper
98 100
100 64.0 50.6 75.8





#52

Toluene

Concen: 9.866 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX011026.D

Acq: 22 Jul 2019 13:29

Instrument :

MSVOA_X

ClientSampleId :

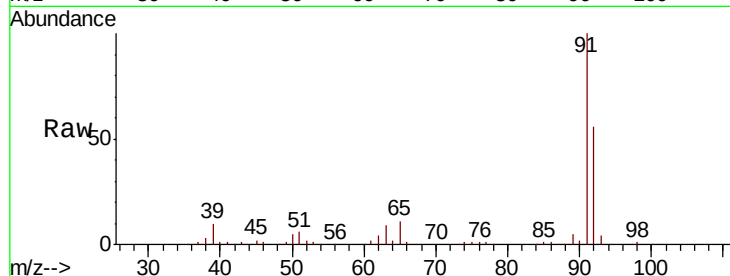
FL-0617DL

Tot Ion: 92 Resp: 59617

Ion Ratio Lower Upper

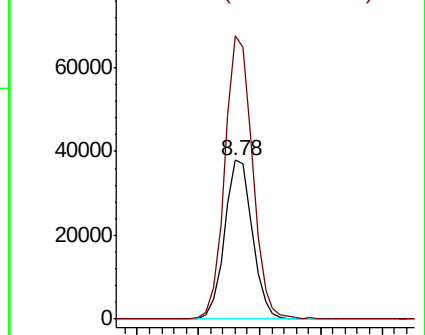
92 100

91 177.4 139.4 209.0

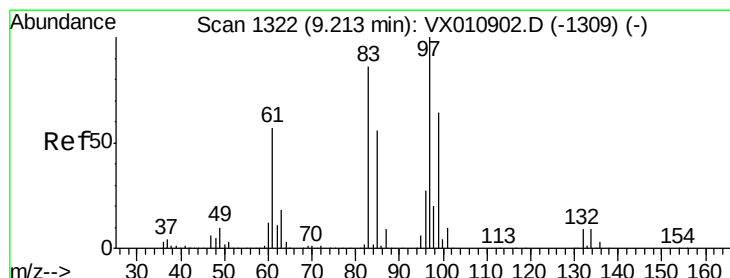
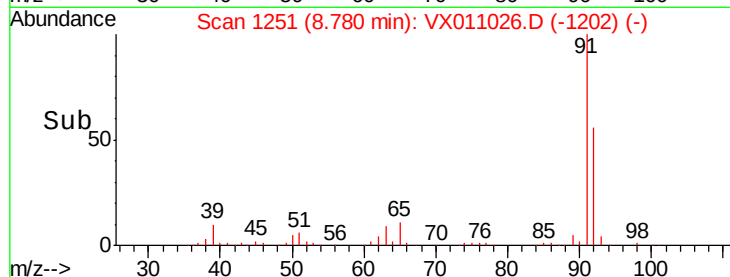


Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



Time-->



#55

1,1,2-Trichloroethane

Concen: 0.514 ug/l

RT: 9.16 min Scan# 1313

Delta R.T. -0.06 min

Lab File: VX011026.D

Acq: 22 Jul 2019 13:29

Tgt Ion: 97 Resp: 1280

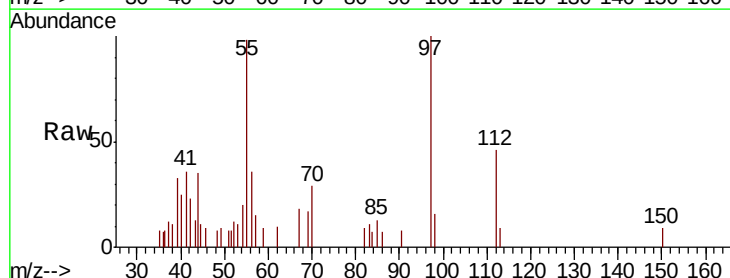
Ion Ratio Lower Upper

97 100

83 10.8 69.2 103.8#

85 12.9 44.6 66.8#

99 0.0 51.2 76.8#

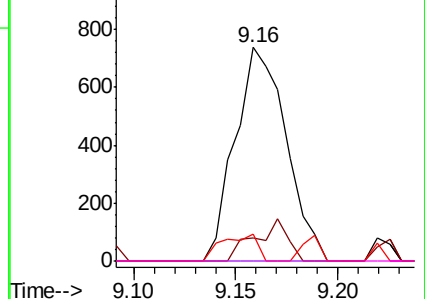


Abundance Ion 96.90 (96.60 to 97.60): VX0

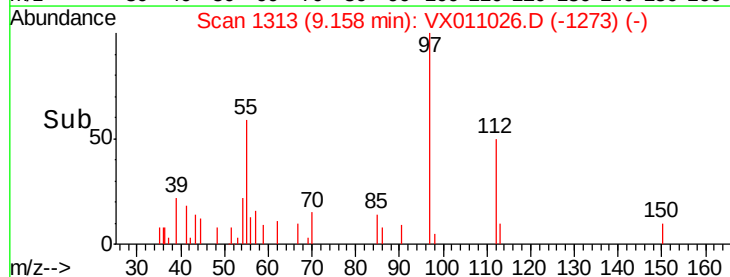
Ion 82.90 (82.60 to 83.60): VX0

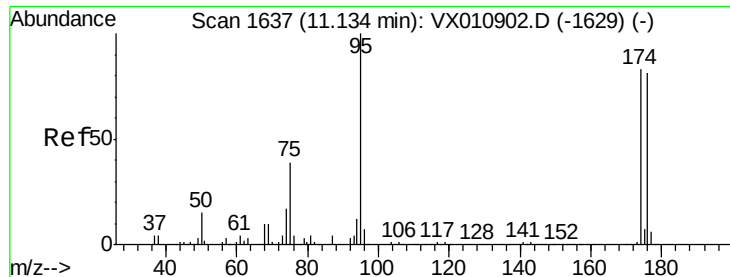
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



Time-->





#62

4-Bromofluorobenzene

Concen: 55.003 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011026.D

Acq: 22 Jul 2019 13:29

Instrument :

MSVOA_X

ClientSampleId :

FL-0617DL

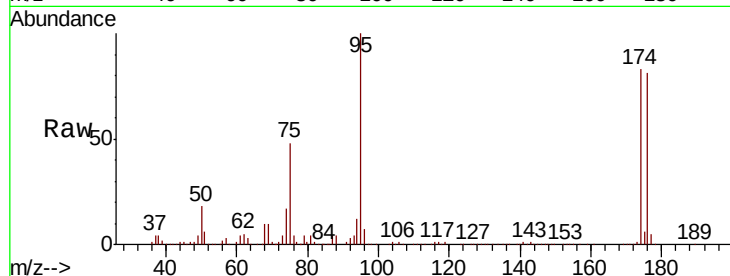
Tot Ion: 95 Resp: 175952

Ion Ratio Lower Upper

95 100

174 89.0 0.0 180.6

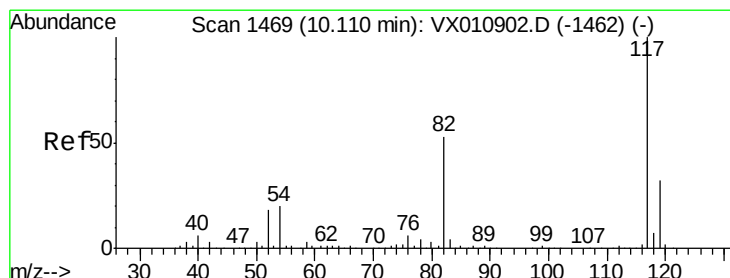
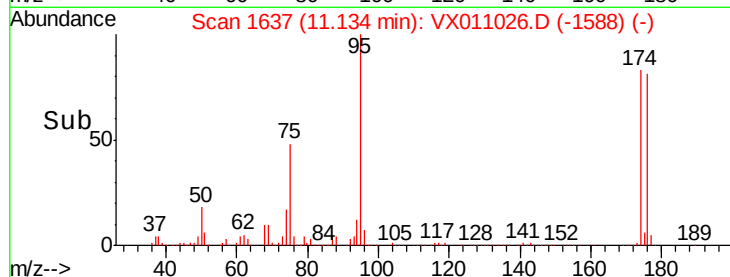
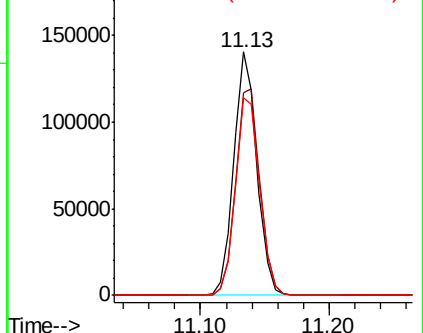
176 85.6 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VX011026.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX011026.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX011026.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX011026.D

Acq: 22 Jul 2019 13:29

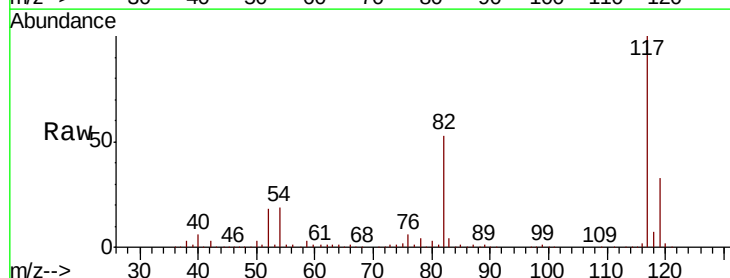
Tgt Ion: 117 Resp: 350119

Ion Ratio Lower Upper

117 100

82 53.1 42.6 63.8

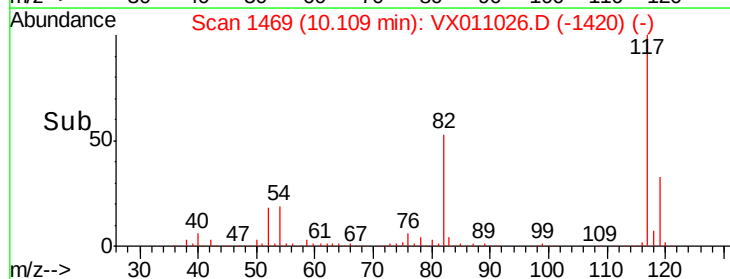
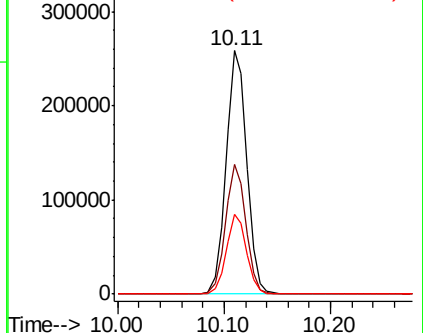
119 32.5 25.9 38.9

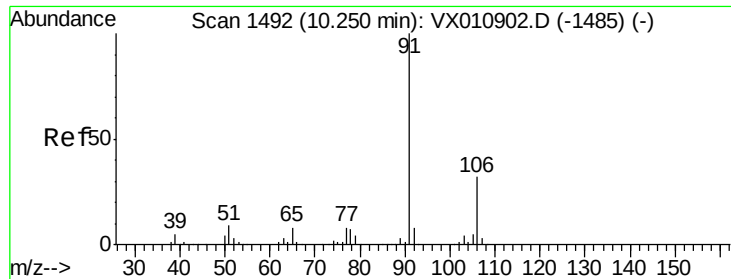


Abundance Ion 116.90 (116.60 to 117.60): VX011026.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX011026.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX011026.D (-1420) (-)

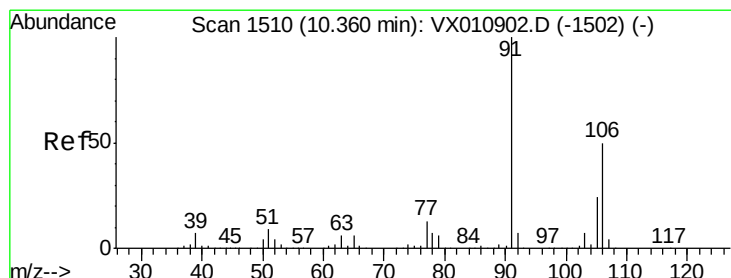
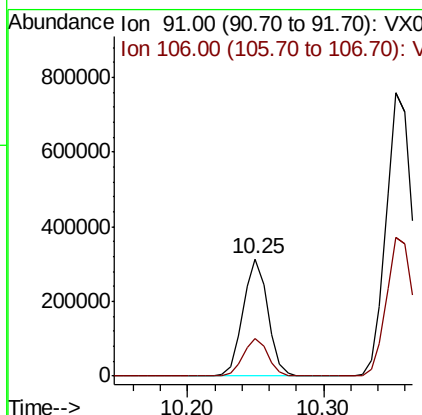
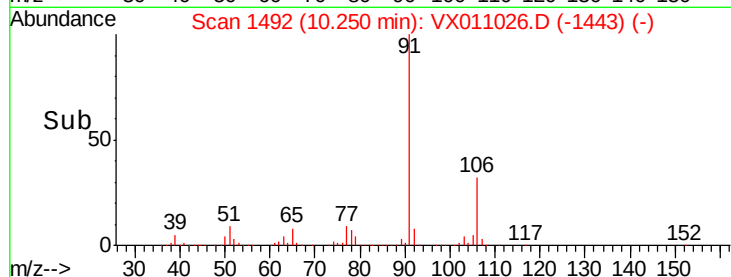
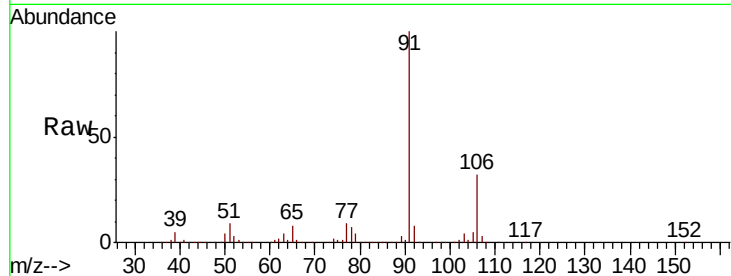




#67
Ethyl Benzene
Concen: 32.750 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX011026.D
Acq: 22 Jul 2019 13:29

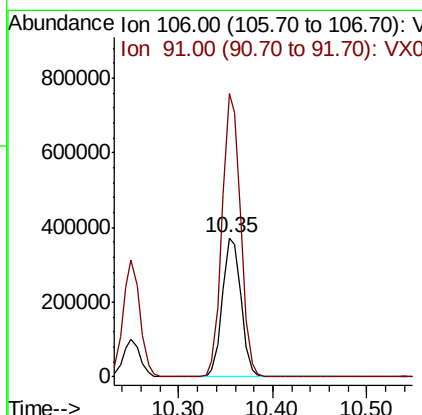
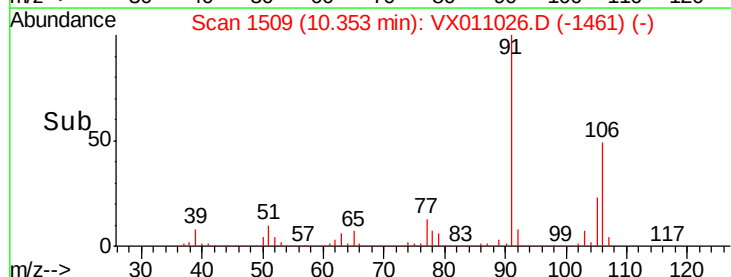
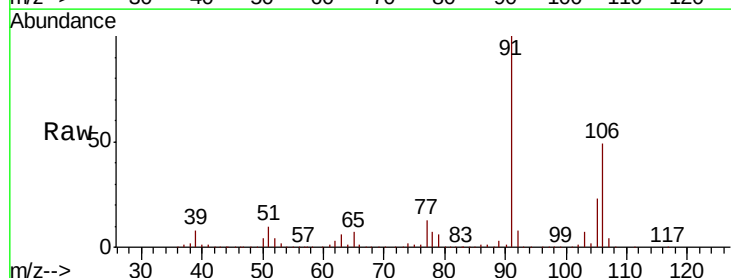
Instrument :
MSVOA_X
ClientSampled :
FL-0617DL

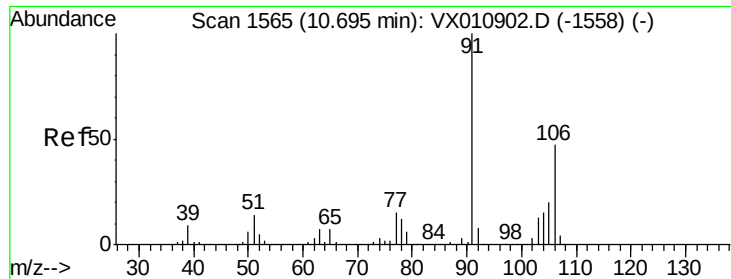
Tot Ion: 91 Resp: 400866
Ion Ratio Lower Upper
91 100
106 31.8 25.4 38.2



#68
m/p-Xylenes
Concen: 108.609 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX011026.D
Acq: 22 Jul 2019 13:29

Tgt Ion: 106 Resp: 509947
Ion Ratio Lower Upper
106 100
91 201.6 160.1 240.1

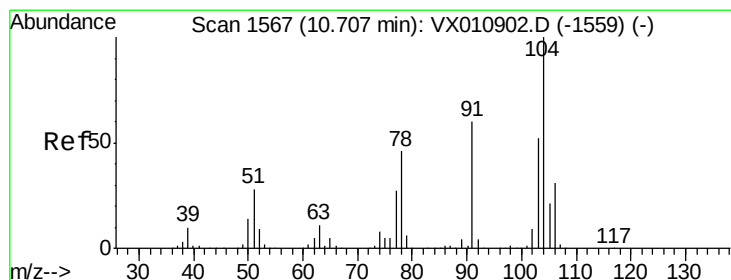
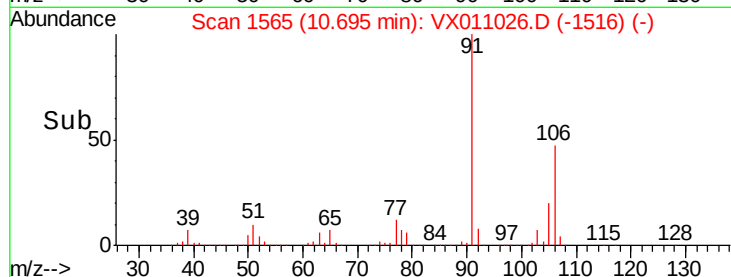
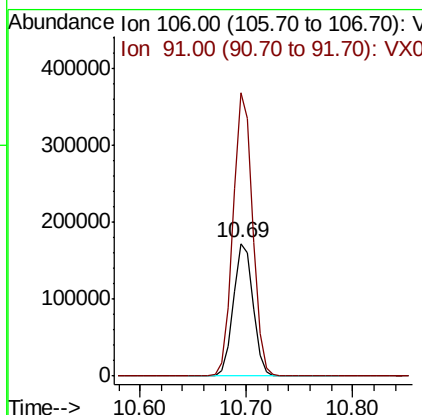
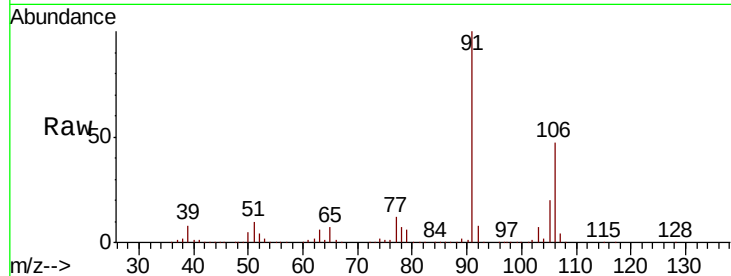




#69
o-Xylene
Concen: 48.930 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX011026.D
Acq: 22 Jul 2019 13:29

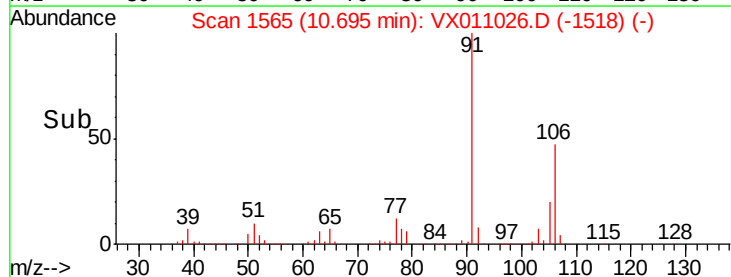
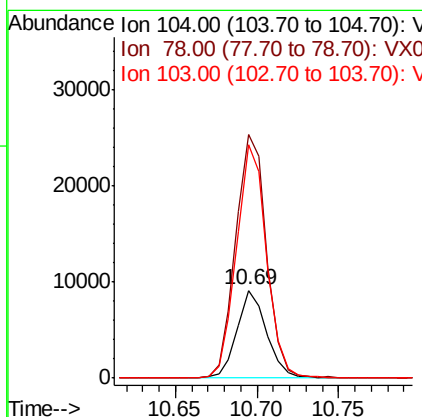
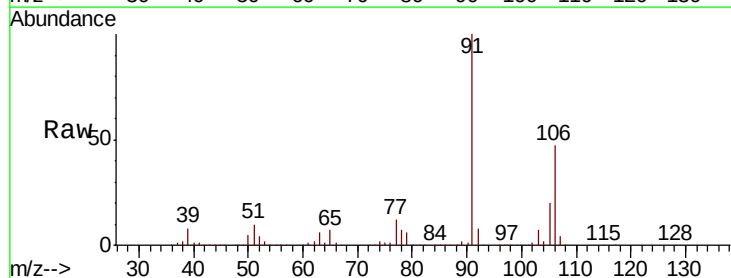
Instrument :
MSVOA_X
ClientSampled :
FL-0617DL

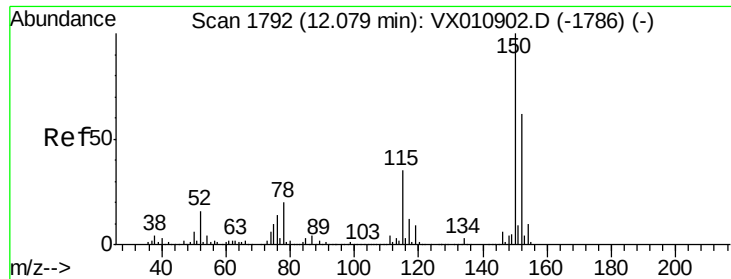
Tot Ion:106 Resp: 224212
Ion Ratio Lower Upper
106 100
91 212.1 105.1 315.3



#70
Styrene
Concen: 1.500 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX011026.D
Acq: 22 Jul 2019 13:29

Tgt Ion:104 Resp: 11461
Ion Ratio Lower Upper
104 100
78 290.0 38.8 58.2#
103 271.8 44.2 66.4#



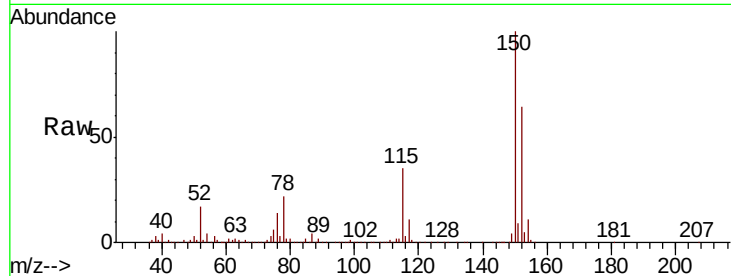


#72

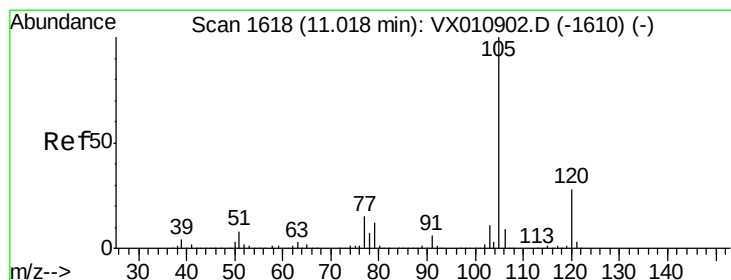
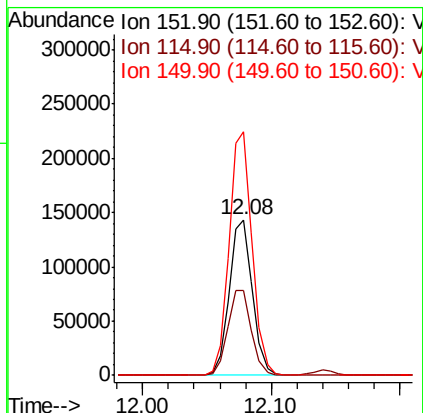
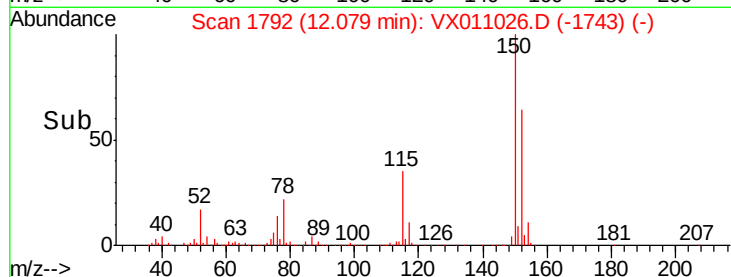
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX011026.D
Acq: 22 Jul 2019 13:29

Instrument :
MSVOA_X
ClientSampleId :
FL-0617DL

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.9	39.7	119.1
150	155.6	0.0	345.6



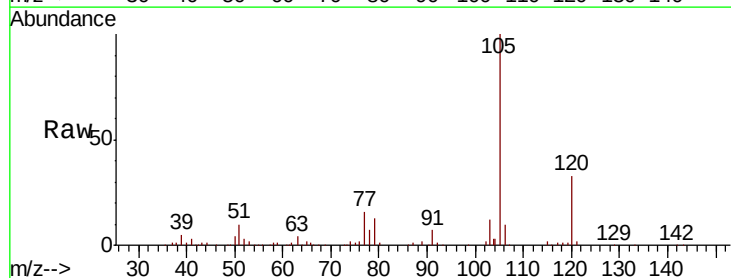
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



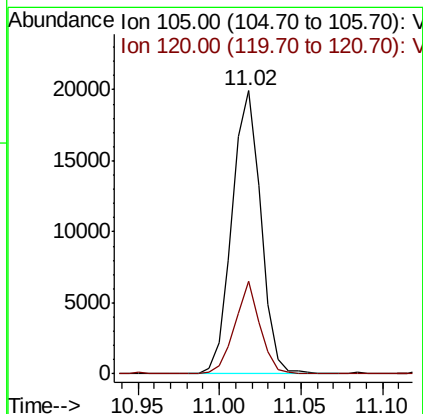
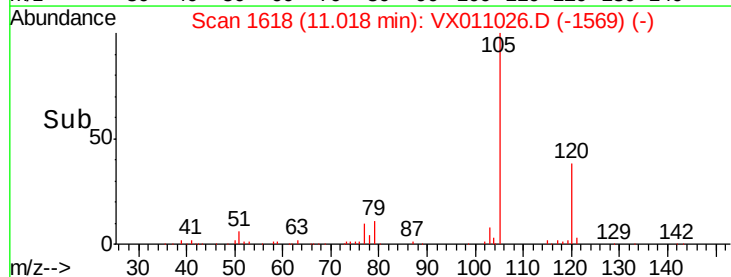
#73

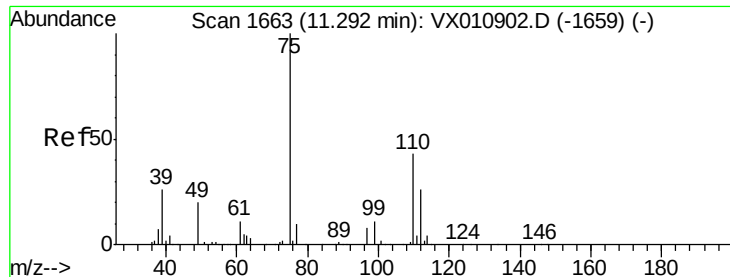
Isopropylbenzene
Concen: 2.019 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX011026.D
Acq: 22 Jul 2019 13:29

Tgt Ion	Ratio	Lower	Upper
105	100		
120	28.7	13.7	41.1



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: 26.813 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX011026.D

Acq: 22 Jul 2019 13:29

Instrument :

MSVOA_X

ClientSampleId :

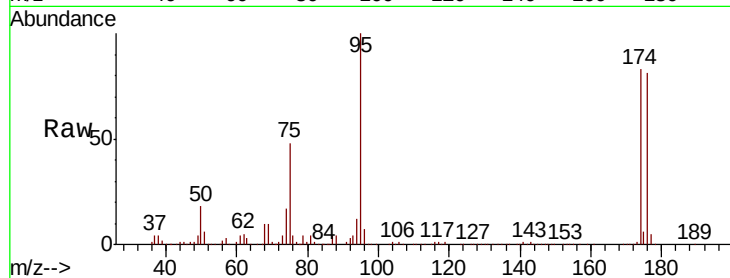
FL-0617DL

Tot Ion: 75 Resp: 87172

Ion Ratio Lower Upper

75 100

77 1.3 21.3 64.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

11.13

80000

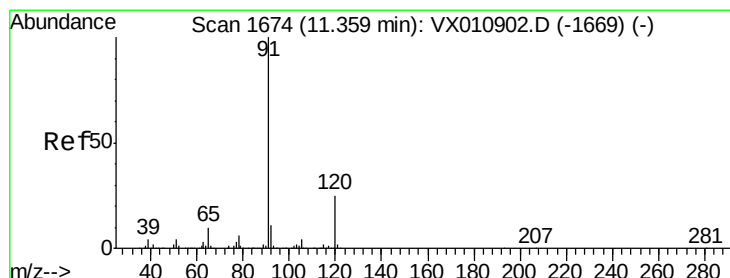
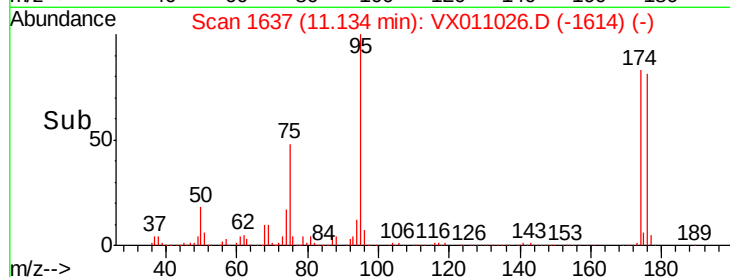
60000

40000

20000

0

Time--> 11.05 11.10 11.15 11.20



#78

n-propylbenzene

Concen: 3.229 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX011026.D

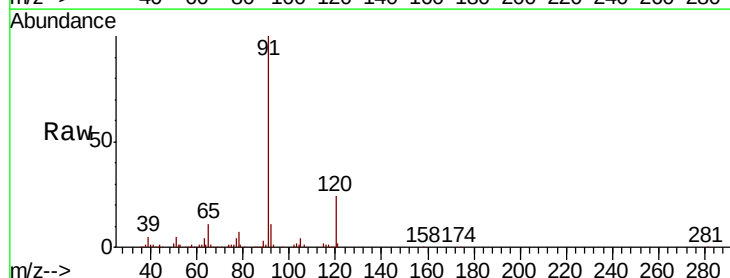
Acq: 22 Jul 2019 13:29

Tgt Ion: 91 Resp: 43436

Ion Ratio Lower Upper

91 100

120 24.2 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

11.36

40000

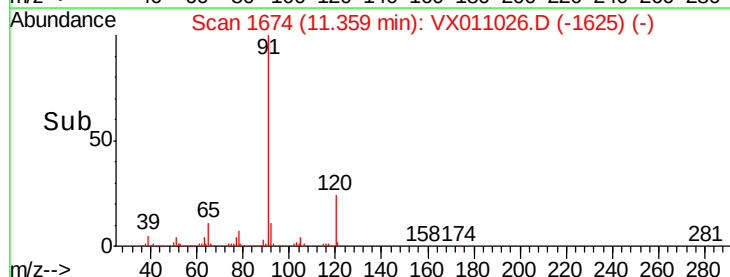
30000

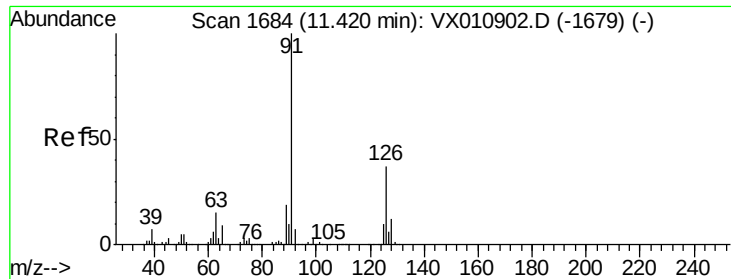
20000

10000

0

Time--> 11.30 11.35 11.40

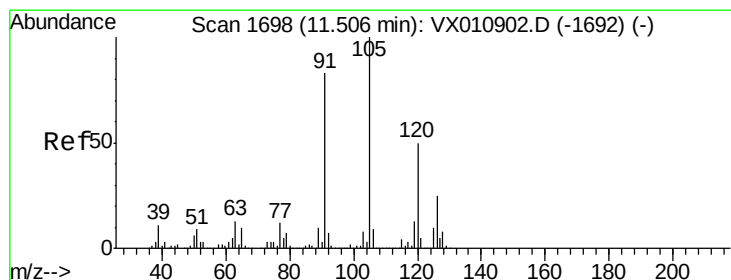
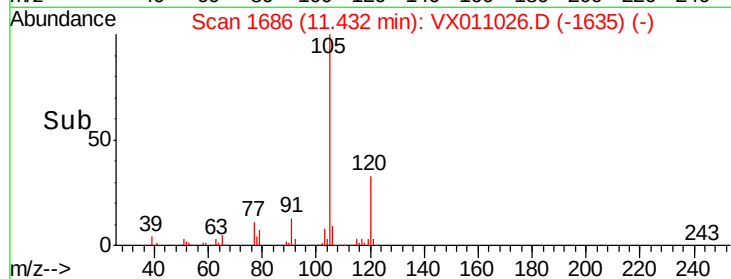
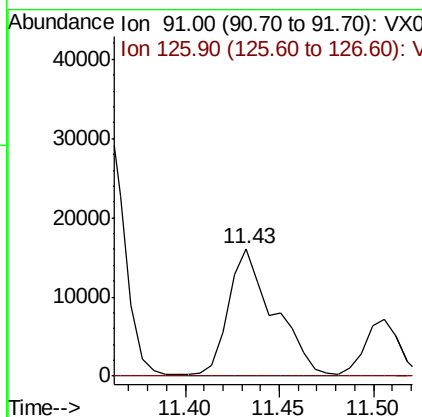
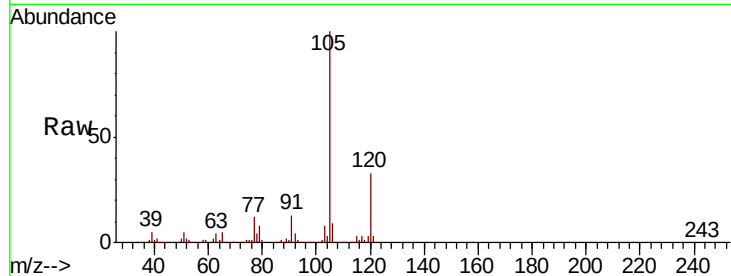




#79
 2-Chlorotoluene
 Concen: 3.361 ug/l
 RT: 11.43 min Scan# 1686
 Delta R.T. 0.01 min
 Lab File: VX011026.D
 Acq: 22 Jul 2019 13:29

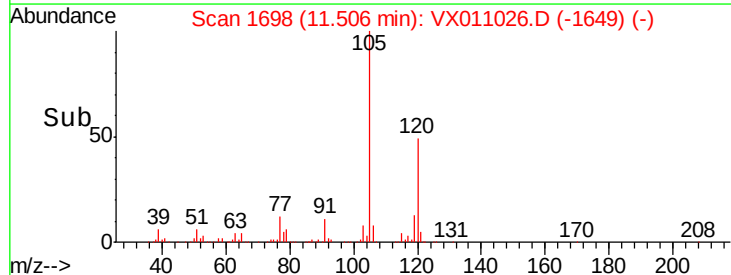
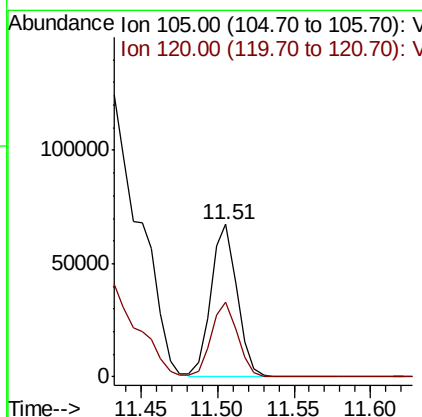
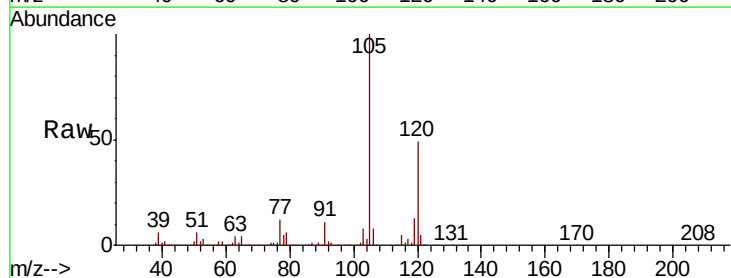
Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0617DL

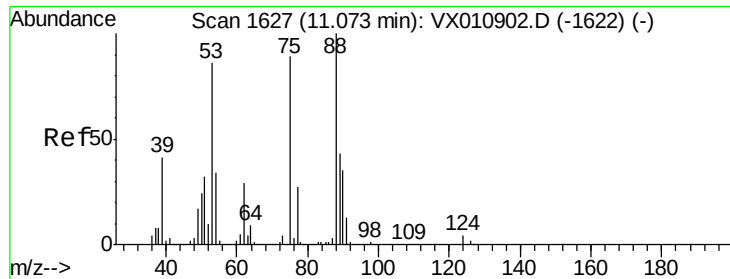
Tot Ion: 91 Resp: 27156
 Ion Ratio Lower Upper
 91 100
 126 0.3 18.0 54.0#



#80
 1,3,5-Trimethylbenzene
 Concen: 7.899 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX011026.D
 Acq: 22 Jul 2019 13:29

Tgt Ion: 105 Resp: 80356
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.6 73.8





#81

trans-1,4-Dichloro-2-butene

Concen: 66.504 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX011026.D

Acq: 22 Jul 2019 13:29

Instrument :

MSVOA_X

ClientSampled :

FL-0617DL

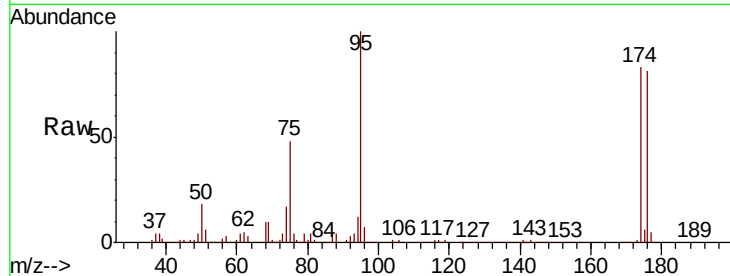
Tot Ion: 75 Resp: 87172

Ion Ratio Lower Upper

75 100

53 0.1 76.7 115.1#

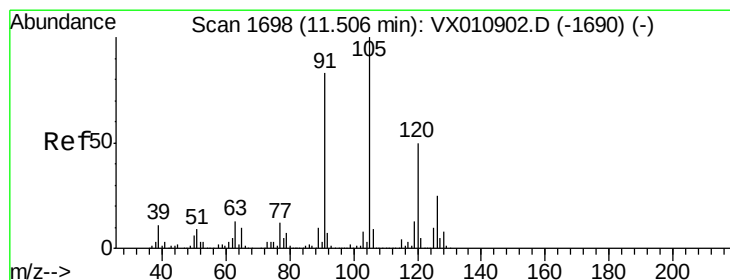
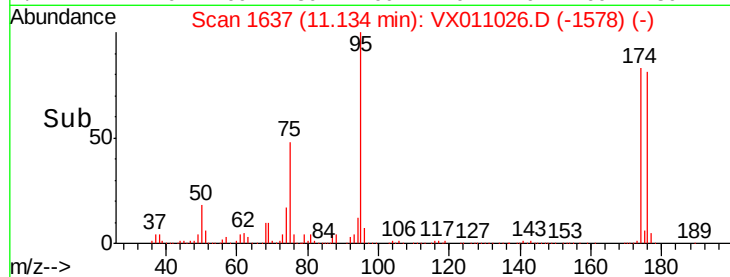
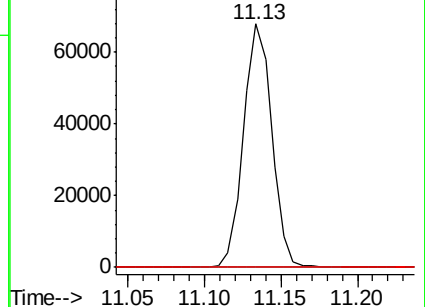
89 0.0 38.5 57.7#



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: 0.984 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011026.D

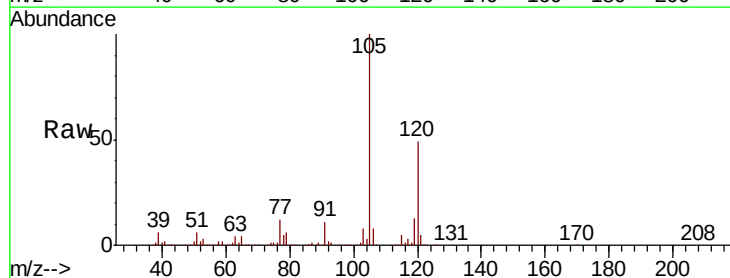
Acq: 22 Jul 2019 13:29

Tgt Ion: 91 Resp: 9250

Ion Ratio Lower Upper

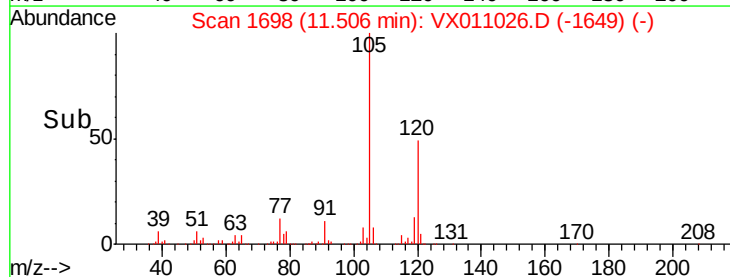
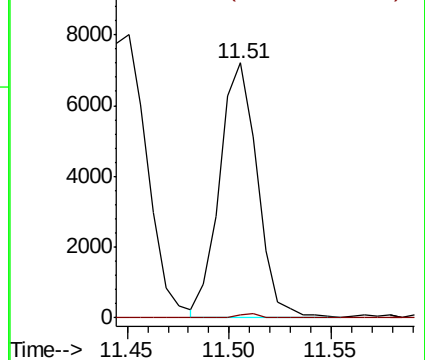
91 100

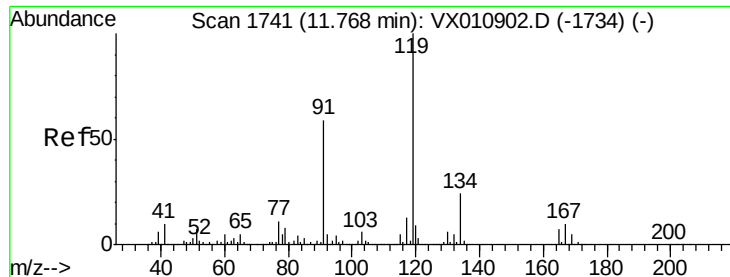
126 0.8 15.9 47.7#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

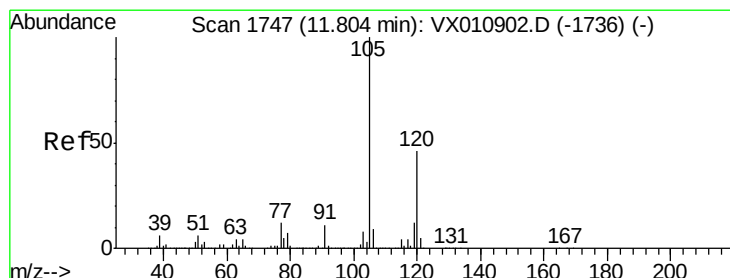
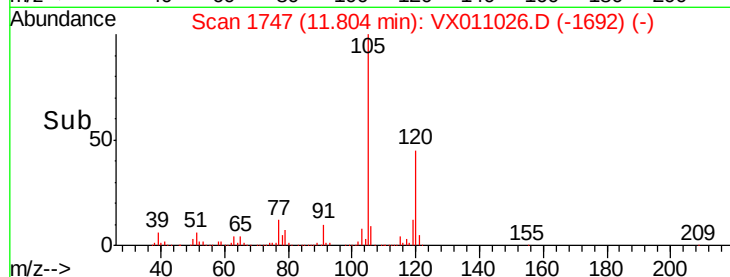
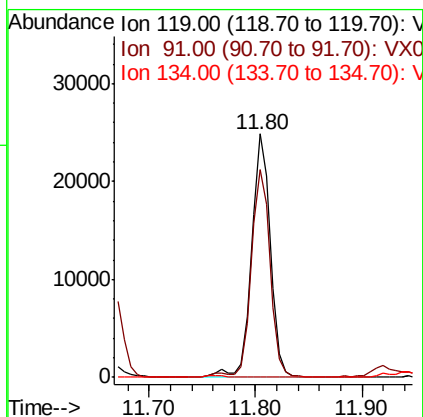
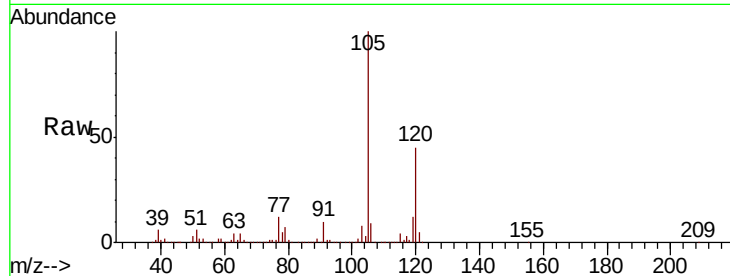




#83
 tert-Butylbenzene
 Concen: 3.102 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.04 min
 Lab File: VX011026.D
 Acq: 22 Jul 2019 13:29

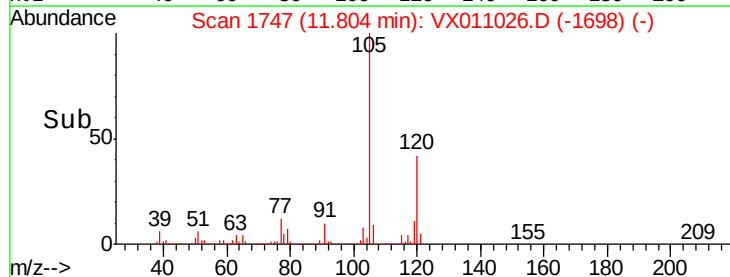
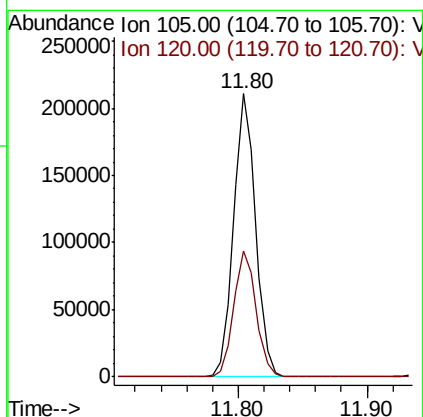
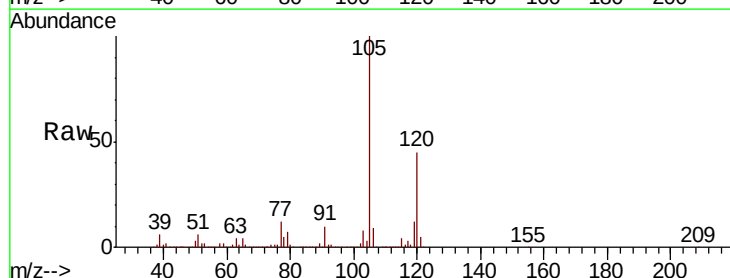
Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0617DL

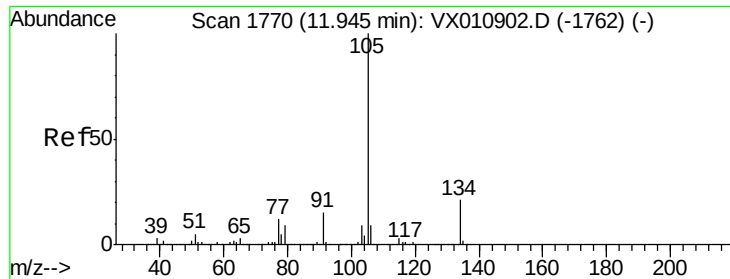
Tot Ion:119 Resp: 30992
 Ion Ratio Lower Upper
 119 100
 91 86.6 28.6 85.8#
 134 0.0 11.6 34.8#



#84
 1,2,4-Trimethylbenzene
 Concen: 24.481 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX011026.D
 Acq: 22 Jul 2019 13:29

Tgt Ion:105 Resp: 251000
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.9 68.5





#85

sec-Butylbenzene

Concen: 21.439 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.14 min

Lab File: VX011026.D

Acq: 22 Jul 2019 13:29

Instrument :

MSVOA_X

ClientSampled :

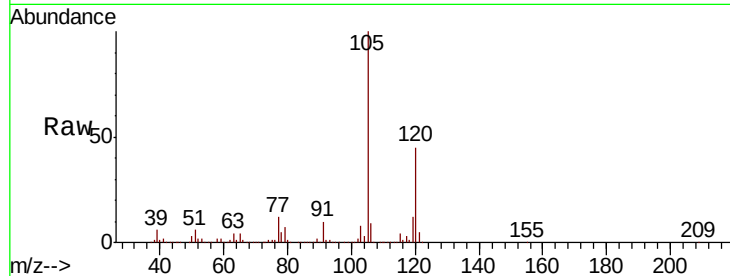
FL-0617DL

Tot Ion:105 Resp: 251000

Ion Ratio Lower Upper

105 100

134 0.0 10.4 31.4#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

250000

200000

150000

100000

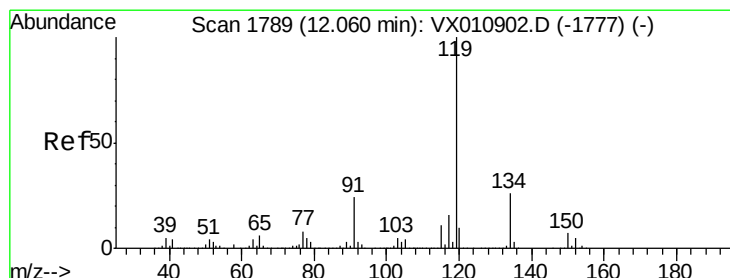
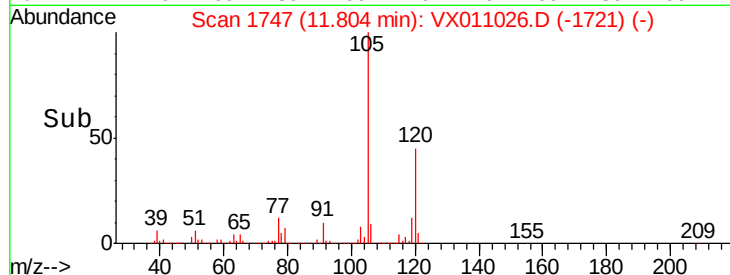
50000

0

11.80

11.90

Time-->



#86

p-Isopropyltoluene

Concen: 0.706 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.04 min

Lab File: VX011026.D

Acq: 22 Jul 2019 13:29

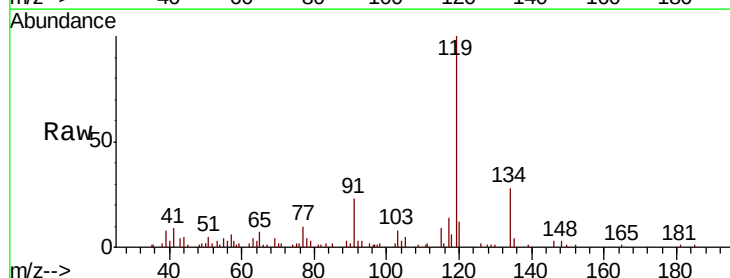
Tgt Ion:119 Resp: 7638

Ion Ratio Lower Upper

119 100

134 25.4 13.4 40.1

91 23.4 11.8 35.4



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

8000

6000

4000

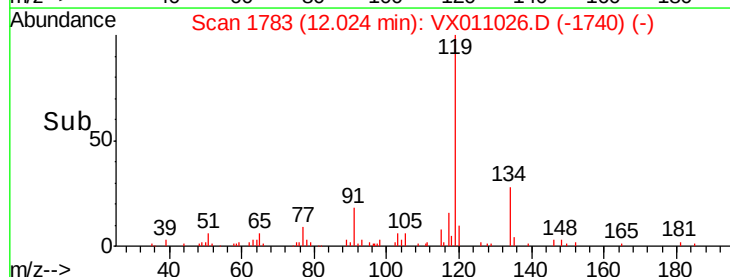
2000

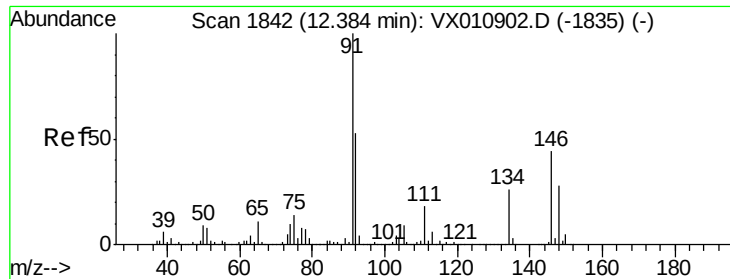
0

12.00

12.05

Time-->

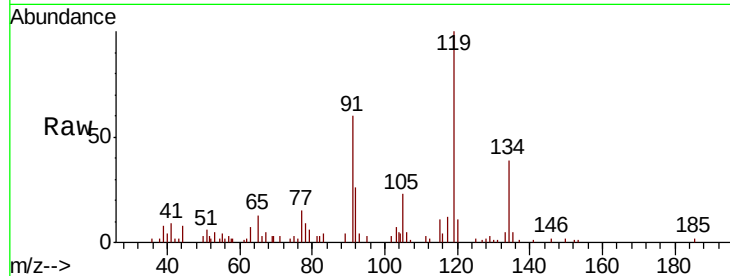




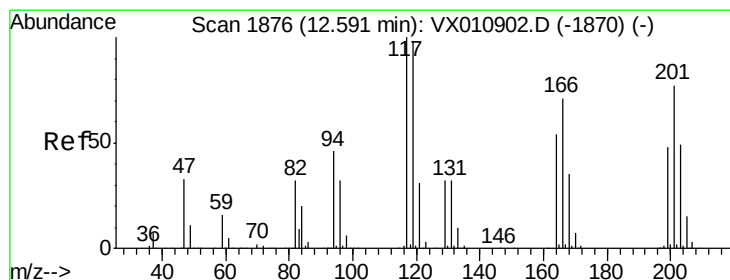
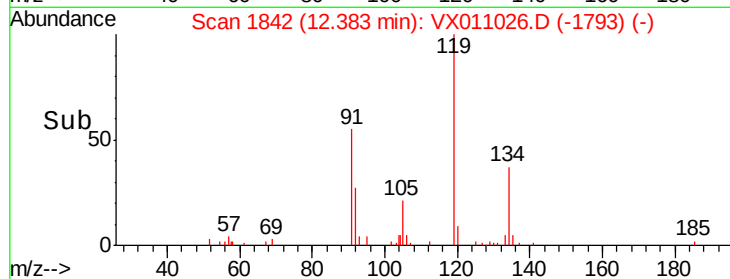
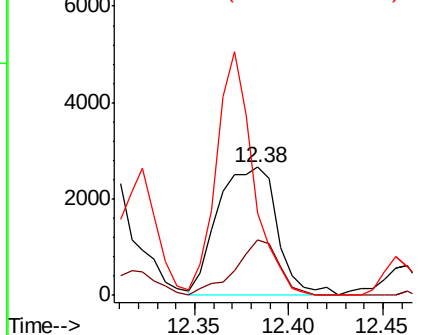
#89
n-Butylbenzene
Concen: 0.630 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX011026.D
Acq: 22 Jul 2019 13:29

Instrument :
MSVOA_X
ClientSampled :
FL-0617DL

Tot Ion: 91 Resp: 5831
Ion Ratio Lower Upper
91 100
92 32.0 26.2 78.5
134 118.2 13.8 41.3#

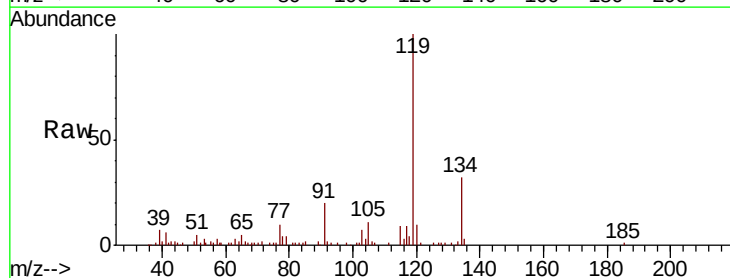


Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0
Ion 134.00 (133.70 to 134.70): V

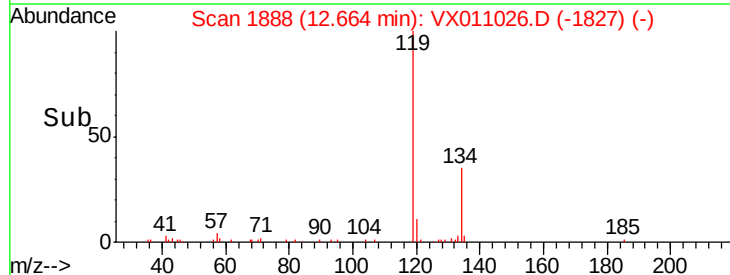
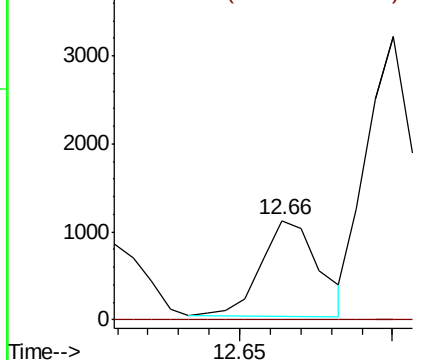


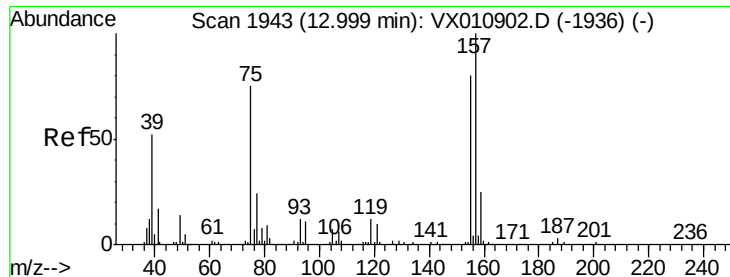
#90
Hexachloroethane
Concen: 0.830 ug/l
RT: 12.66 min Scan# 1888
Delta R.T. 0.07 min
Lab File: VX011026.D
Acq: 22 Jul 2019 13:29

Tgt Ion: 117 Resp: 1417
Ion Ratio Lower Upper
117 100
201 0.0 43.3 129.8#



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: 0.201 ug/l

RT: 13.01 min Scan# 1945

Delta R.T. 0.01 min

Lab File: VX011026.D

Acq: 22 Jul 2019 13:29

Instrument :

MSVOA_X

ClientSampled :

FL-0617DL

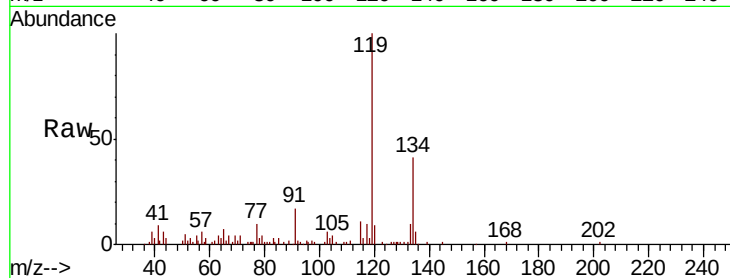
Tot Ion: 75 Resp: 167

Ion Ratio Lower Upper

75 100

155 0.0 48.7 146.1#

157 12.6 62.5 187.6#

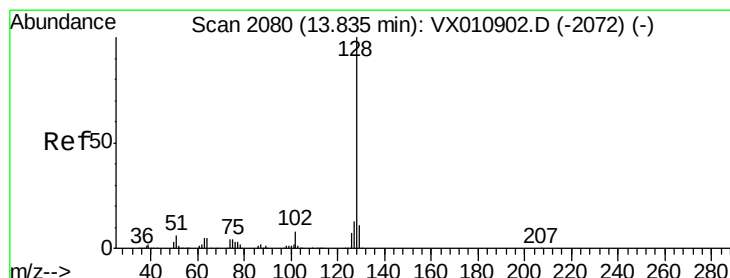
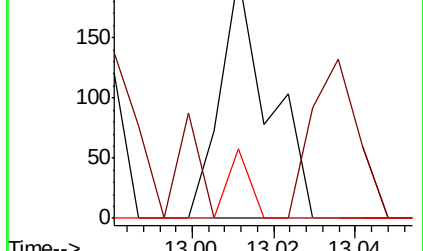
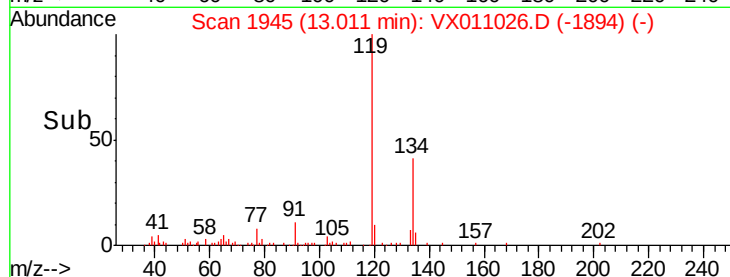


Abundance Ion 74.90 (74.60 to 75.60): VX011026.D (-1894) (-)

Ion 154.80 (154.50 to 155.50): VX011026.D (-1894) (-)

Ion 156.80 (156.50 to 157.50): VX011026.D (-1894) (-)

Time-->



#95

Naphthalene

Concen: 9.984 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX011026.D

Acq: 22 Jul 2019 13:29

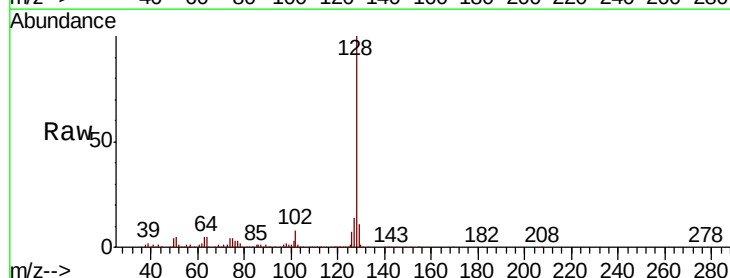
Tgt Ion: 128 Resp: 115397

Ion Ratio Lower Upper

128 100

127 13.4 10.4 15.6

129 11.0 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): VX011026.D (-2031) (-)

Ion 127.00 (126.70 to 127.70): VX011026.D (-2031) (-)

Ion 129.00 (128.70 to 129.70): VX011026.D (-2031) (-)

Time-->

