

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072019\
 Data File : VX011008.D
 Acq On : 19 Jul 2019 17:25
 Operator : JC/SP
 Sample : K3884-11DL 4X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0631DL

Quant Time: Jul 20 01:03:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 17 06:57:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	237113	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	377372	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	352378	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	176454	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	133002	52.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.46%	
35) Dibromofluoromethane	5.50	113	117180	48.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.84%	
50) Toluene-d8	8.71	98	457380	50.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.82%	
62) 4-Bromofluorobenzene	11.13	95	170631	51.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.34%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.34	85	19	0.554	ug/l #	43
5) Bromomethane	1.65	94	550	0.439	ug/l #	58
6) Chloroethane	1.59	64	5691	4.027	ug/l #	67
11) Tert butyl alcohol	3.02	59	11269	19.182	ug/l #	73
15) Acrylonitrile	3.18	53	1795	1.512	ug/l #	40
16) Acetone	2.44	43	1846	1.620	ug/l	98
18) Methyl Acetate	2.84	43	31486	12.137	ug/l #	48
25) 2-Butanone	4.70	43	845	0.517	ug/l	97
29) Tetrahydrofuran	5.12	42	254	0.245	ug/l #	29
31) Cyclohexane	5.58	56	56159	16.397	ug/l	97
36) 1,1-Dichloropropene	5.66	75	16536	5.335	ug/l #	48
38) Carbon Tetrachloride	5.67	117	22068	6.832	ug/l #	17
39) Methylcyclohexane	7.46	83	125190	31.143	ug/l	99
43) Isopropyl Acetate	6.45	43	1915	0.367	ug/l #	68
45) 1,2-Dichloropropane	7.46	63	1514	0.626	ug/l #	1
48) Methyl methacrylate	7.73	41	6737	2.650	ug/l #	54
51) 4-Methyl-2-Pentanone	8.66	43	2521	0.745	ug/l #	50
52) Toluene	8.79	92	4754	0.762	ug/l	95
55) 1,1,2-Trichloroethane	9.16	97	13317	5.185	ug/l #	19
56) Ethyl methacrylate	9.16	69	3033	0.807	ug/l #	1
67) Ethyl Benzene	10.25	91	78519	6.374	ug/l	98
68) m/p-Xylenes	10.36	106	216327	45.778	ug/l	100
69) o-Xylene	10.69	106	23994	5.203	ug/l	98
73) Isopropylbenzene	11.02	105	74804	6.274	ug/l	99
74) N-amyl acetate	10.90	43	1001	0.220	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.28	83	858	0.220	ug/l #	57
76) 1,2,3-Trichloropropane	11.43	75	4142	1.301	ug/l #	1
78) n-propylbenzene	11.36	91	98544	7.480	ug/l	100
79) 2-Chlorotoluene	11.43	91	53413	6.749	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.51	105	270010	27.102	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.13	75	84952	66.193	ug/l #	11
82) 4-Chlorotoluene	11.51	91	29545	3.208	ug/l #	43
83) tert-Butylbenzene	11.77	119	4396	0.449	ug/l	82
84) 1,2,4-Trimethylbenzene	11.80	105	470058	46.811	ug/l	99

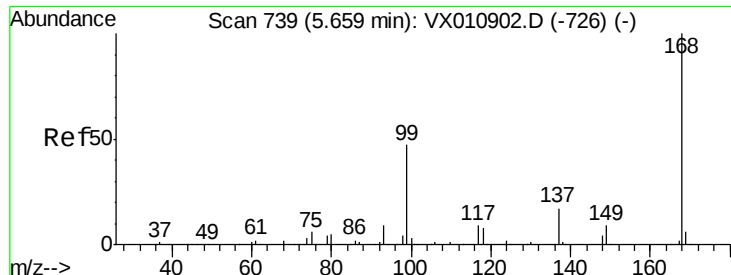
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072019\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 17 06:57:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	11.94	105	20175	1.759	ug/l	94
86) p-Isopropyltoluene	12.06	119	20014	1.888	ug/l	97
89) n-Butylbenzene	12.37	91	21993	2.425	ug/l #	15
90) Hexachloroethane	12.58	117	2828	1.691	ug/l #	6
92) 1,2-Dibromo-3-Chloropropan	13.01	75	542	0.665	ug/l #	1
95) Naphthalene	13.83	128	80579	7.118	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX011008.D

Acq: 19 Jul 2019 17:25

Instrument :

MSVOA_X

ClientSampleID :

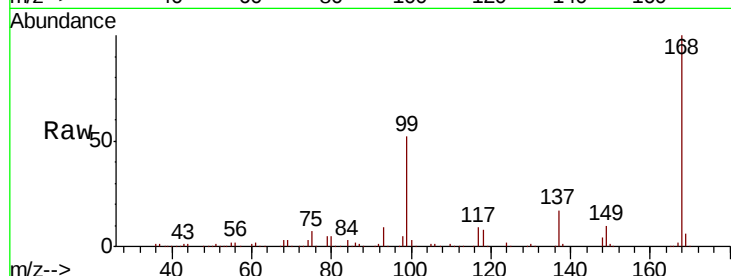
FL-0631DL

Tot Ion:168 Resp: 237113

Ion Ratio Lower Upper

168 100

99 51.7 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

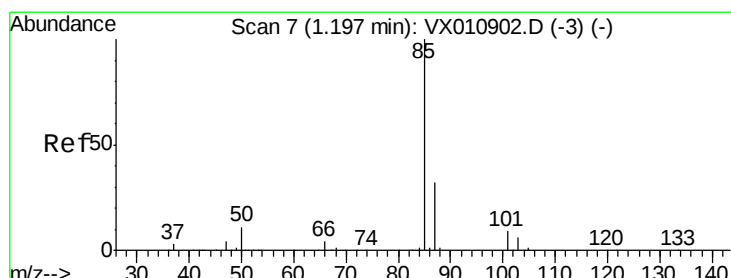
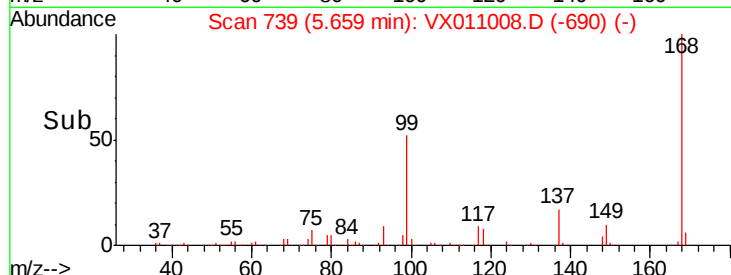
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 0.554 ug/l

RT: 1.34 min Scan# 30

Delta R.T. 0.14 min

Lab File: VX011008.D

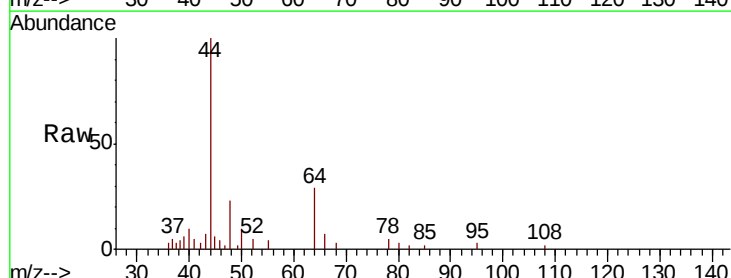
Acq: 19 Jul 2019 17:25

Tgt Ion: 85 Resp: 19

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

1.34

60

50

40

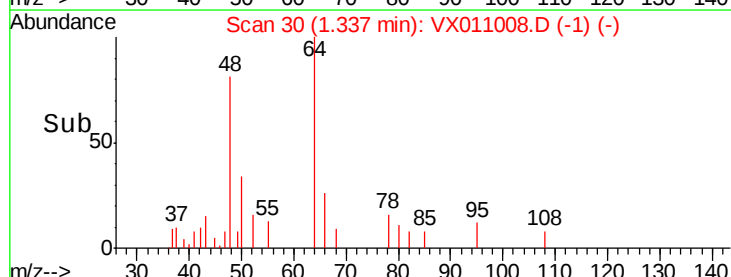
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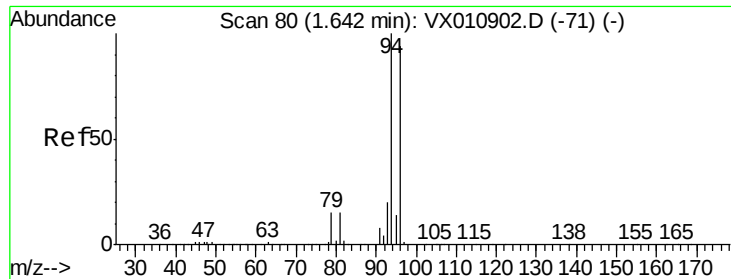
20

10

0

Time--> 1.32 1.33 1.34 1.35





#5

Bromomethane

Concen: 0.439 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX011008.D

Acq: 19 Jul 2019 17:25

Instrument :

MSVOA_X

ClientSampled :

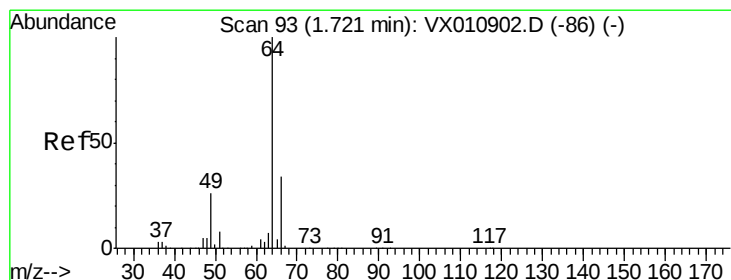
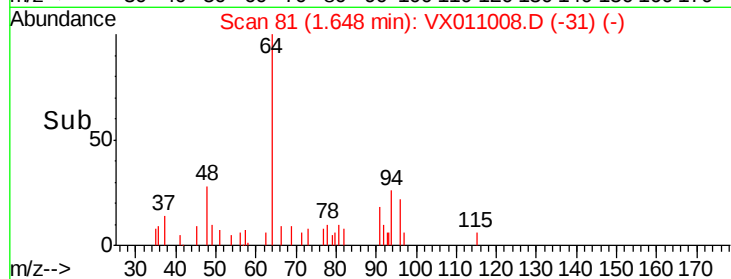
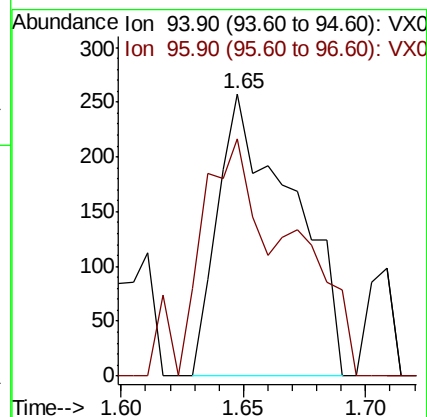
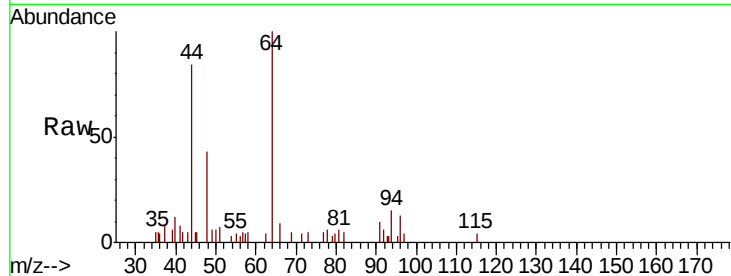
FL-0631DL

Tot Ion: 94 Resp: 550

Ion Ratio Lower Upper

94 100

96 53.5 75.6 113.4#



#6

Chloroethane

Concen: 4.027 ug/l

RT: 1.59 min Scan# 71

Delta R.T. -0.13 min

Lab File: VX011008.D

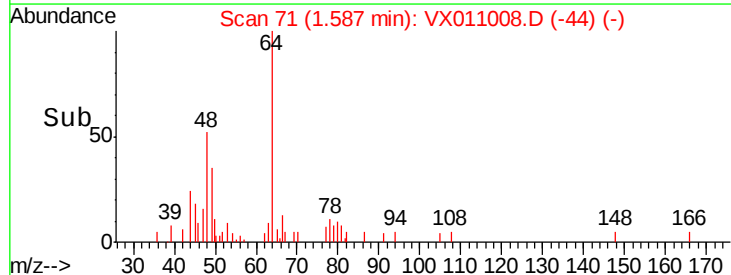
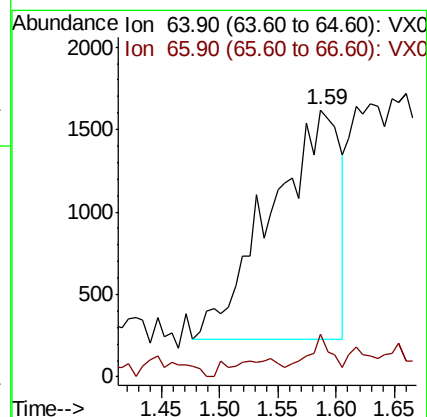
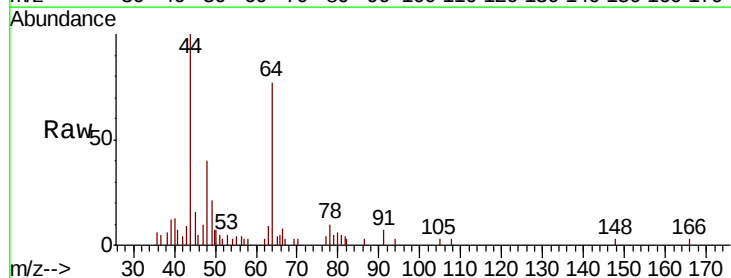
Acq: 19 Jul 2019 17:25

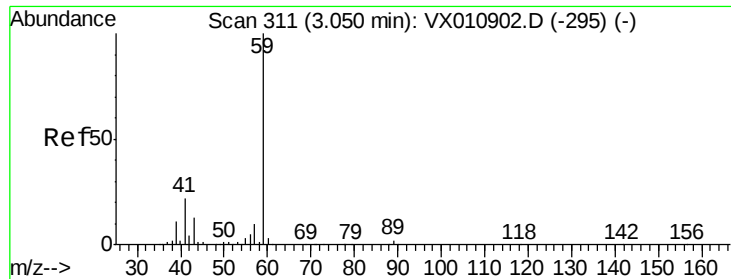
Tgt Ion: 64 Resp: 5691

Ion Ratio Lower Upper

64 100

66 14.8 27.0 40.6#



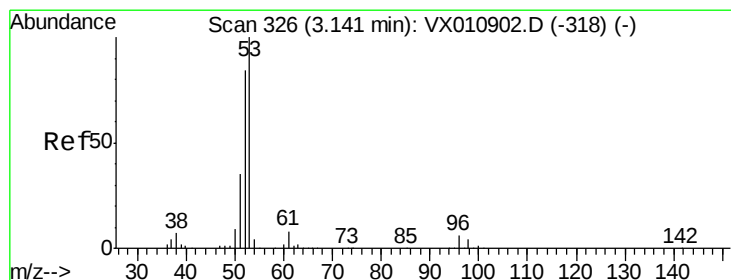
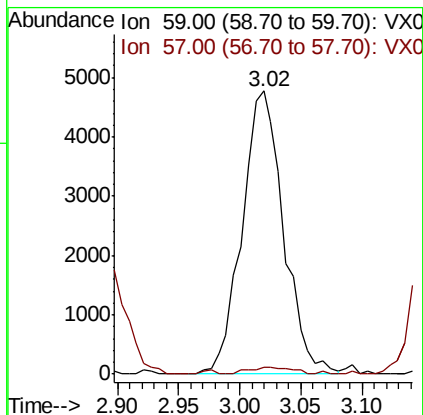
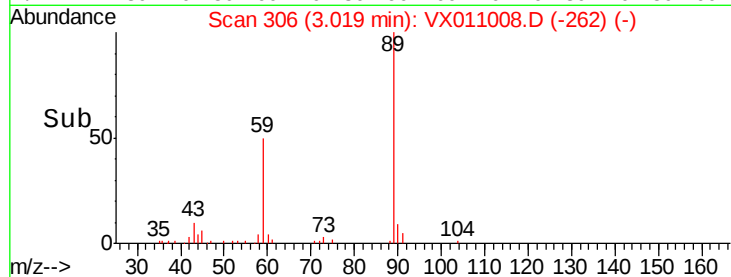
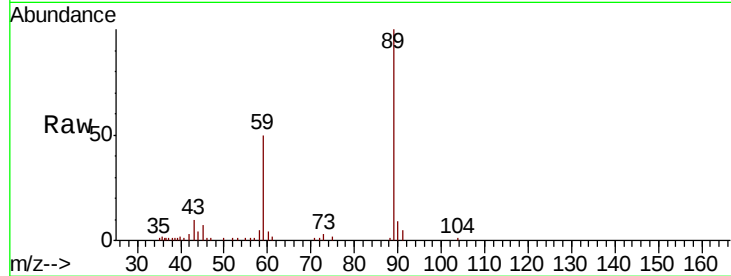


#11

Tert butyl alcohol
Concen: 19.182 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.03 min
Lab File: VX011008.D
Acq: 19 Jul 2019 17:25

Instrument :
MSVOA_X
ClientSampled :
FL-0631DL

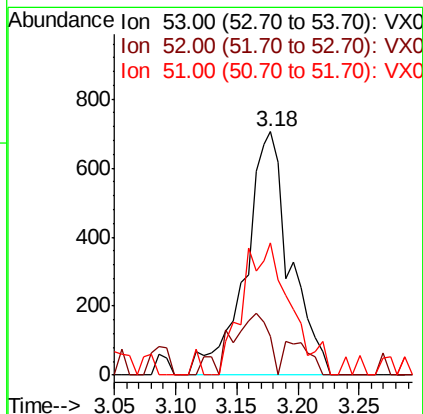
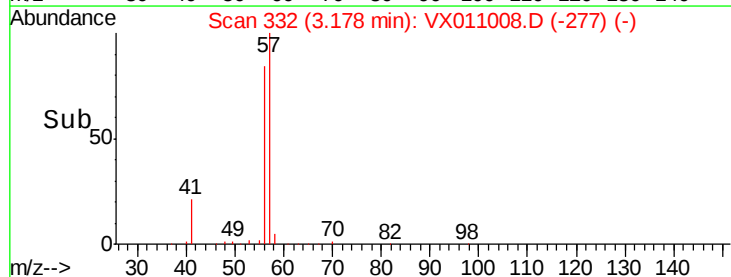
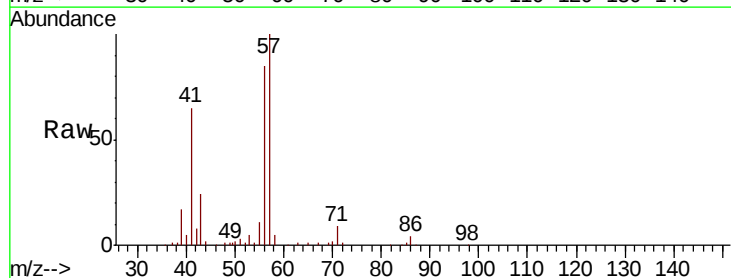
Tot Ion: 59 Resp: 11269
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#

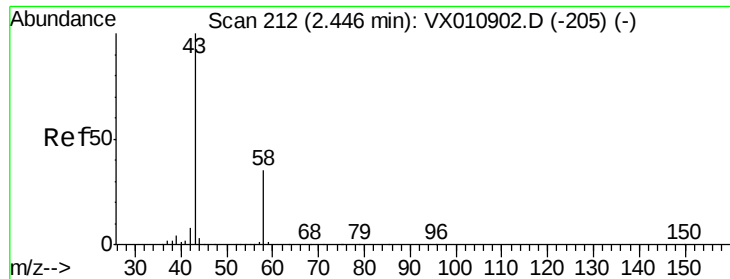


#15

Acrylonitrile
Concen: 1.512 ug/l
RT: 3.18 min Scan# 332
Delta R.T. 0.04 min
Lab File: VX011008.D
Acq: 19 Jul 2019 17:25

Tgt Ion: 53 Resp: 1795
Ion Ratio Lower Upper
53 100
52 21.7 66.5 99.7#
51 58.1 28.2 42.4#





#16

Acetone

Concen: 1.620 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX011008.D

Acq: 19 Jul 2019 17:25

Instrument :

MSVOA_X

ClientSampled :

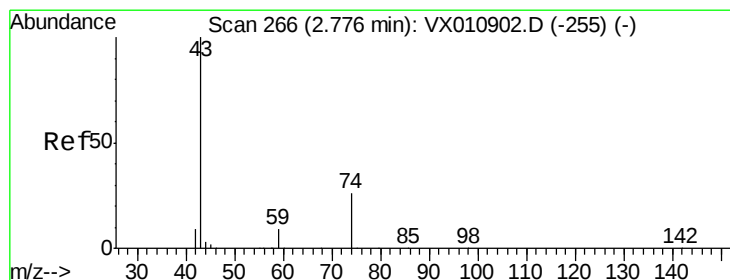
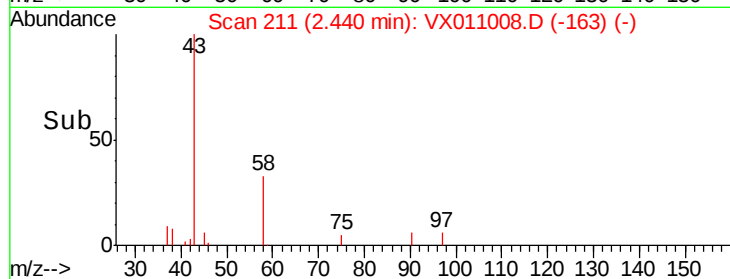
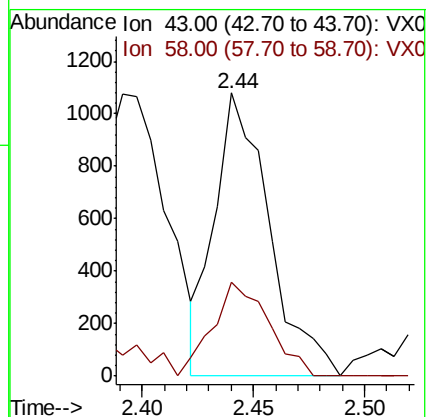
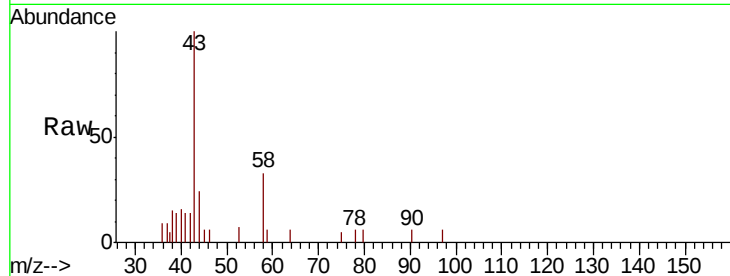
FL-0631DL

Tot Ion: 43 Resp: 1846

Ion Ratio Lower Upper

43 100

58 33.2 27.7 41.5



#18

Methyl Acetate

Concen: 12.137 ug/l

RT: 2.84 min Scan# 277

Delta R.T. 0.07 min

Lab File: VX011008.D

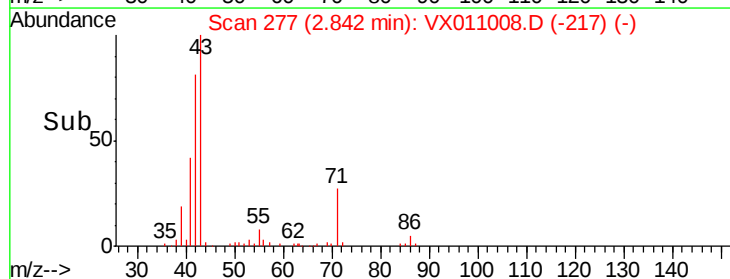
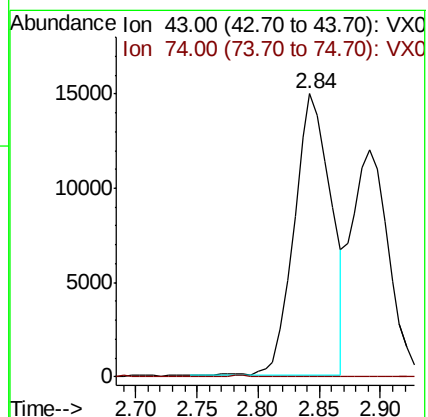
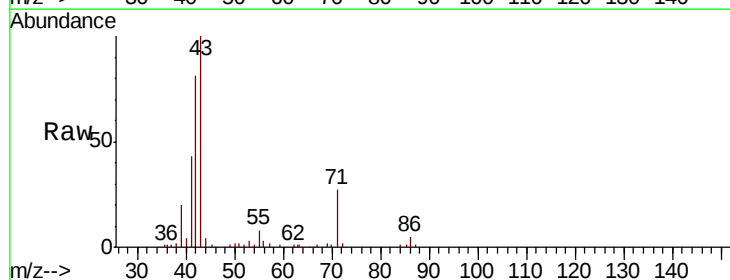
Acq: 19 Jul 2019 17:25

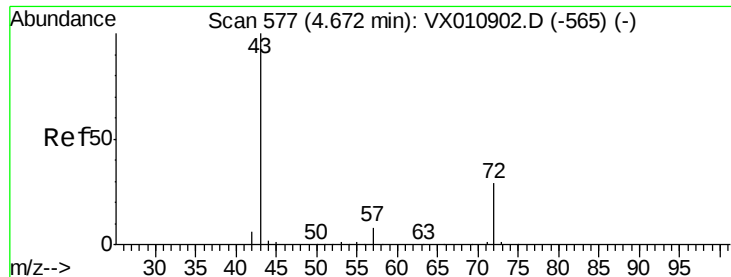
Tgt Ion: 43 Resp: 31486

Ion Ratio Lower Upper

43 100

74 0.0 21.5 32.3#





#25

2-Butanone

Concen: 0.517 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.02 min

Lab File: VX011008.D

Acq: 19 Jul 2019 17:25

Instrument :

MSVOA_X

ClientSampled :

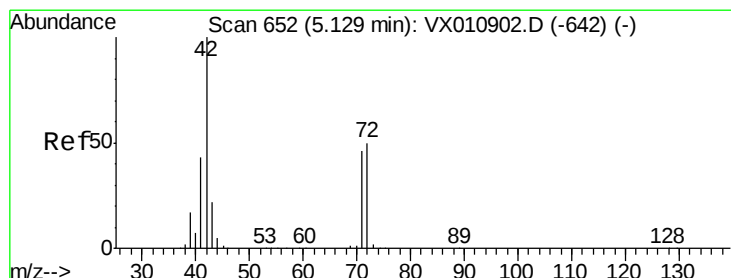
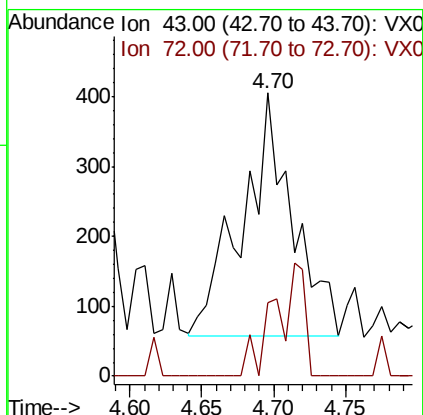
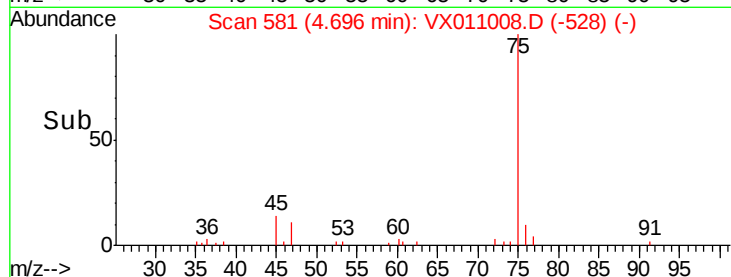
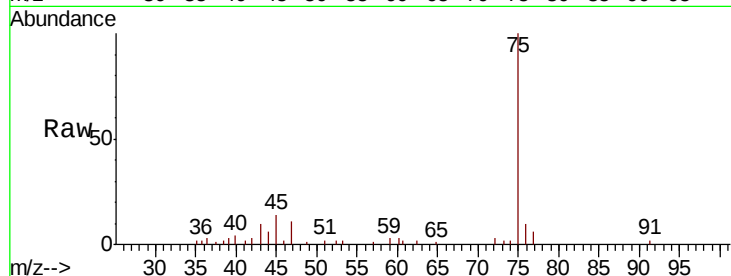
FL-0631DL

Tot Ion: 43 Resp: 845

Ion Ratio Lower Upper

43 100

72 30.5 23.0 34.6



#29

Tetrahydrofuran

Concen: 0.245 ug/l

RT: 5.12 min Scan# 651

Delta R.T. -0.01 min

Lab File: VX011008.D

Acq: 19 Jul 2019 17:25

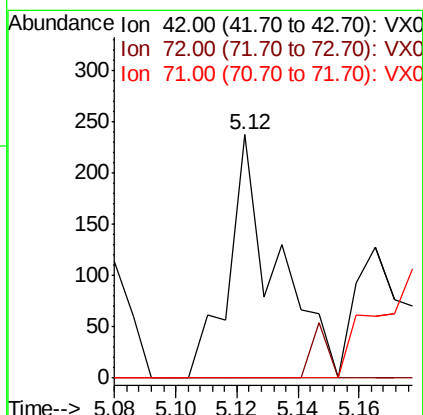
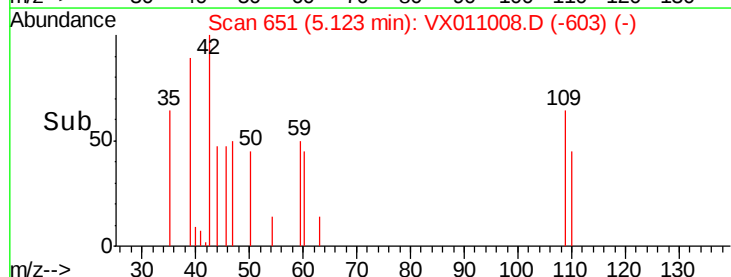
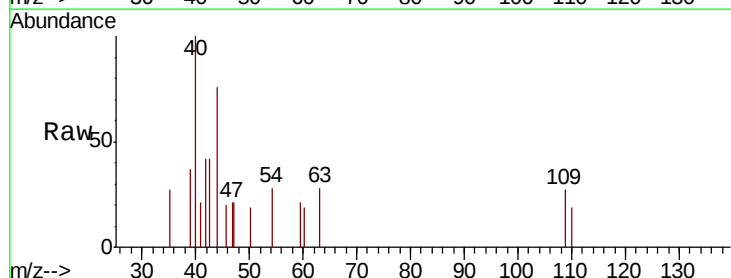
Tgt Ion: 42 Resp: 254

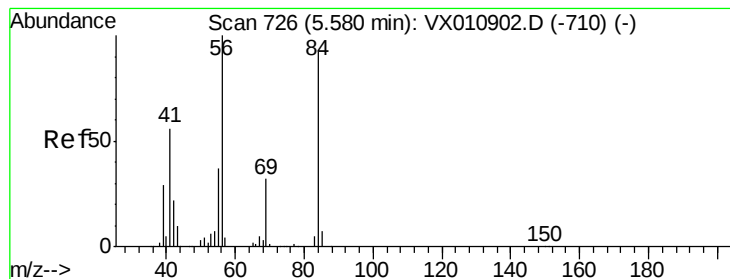
Ion Ratio Lower Upper

42 100

72 0.0 39.8 59.8#

71 0.0 37.0 55.4#





#31

Cyclohexane

Concen: 16.397 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX011008.D

Acq: 19 Jul 2019 17:25

Instrument :

MSVOA_X

ClientSampleId :

FL-0631DL

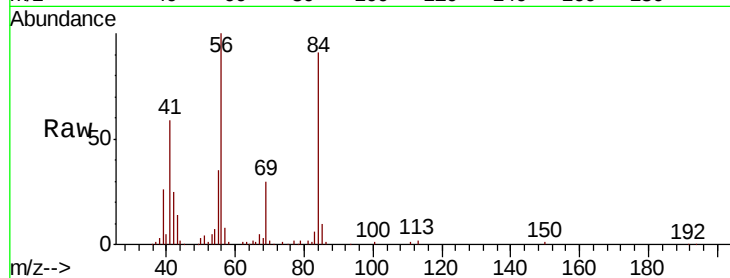
Tot Ion: 56 Resp: 56159

Ion Ratio Lower Upper

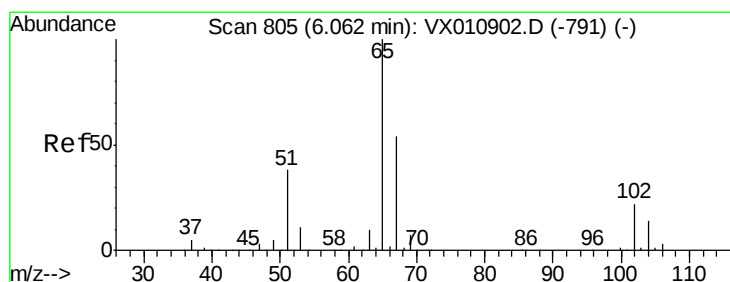
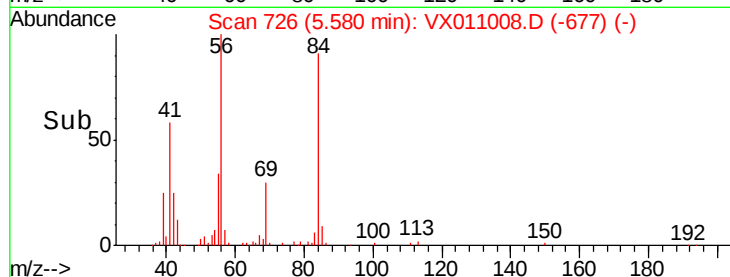
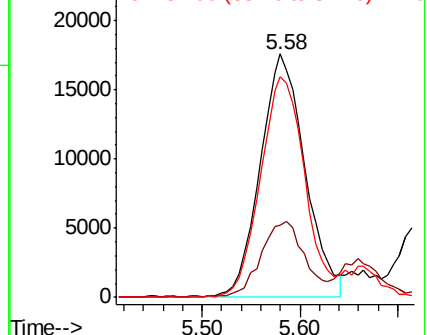
56 100

69 29.1 25.8 38.8

84 90.6 73.8 110.6



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



#33

1,2-Dichloroethane-d4

Concen: 52.726 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX011008.D

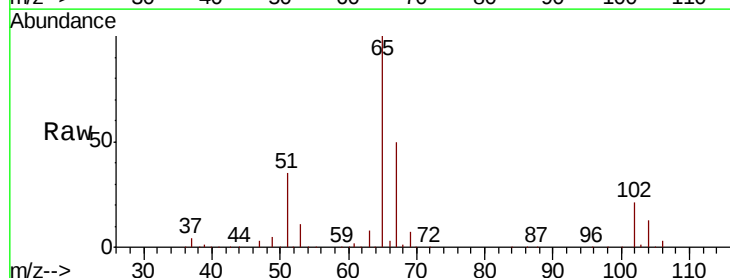
Acq: 19 Jul 2019 17:25

Tgt Ion: 65 Resp: 133002

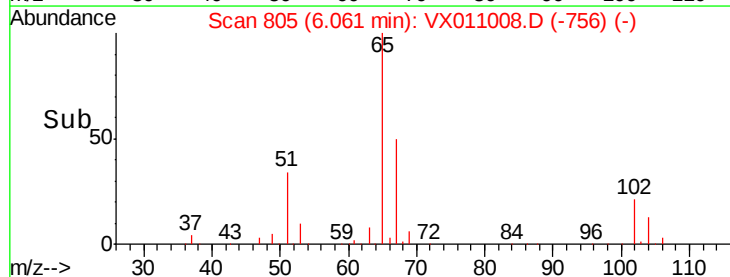
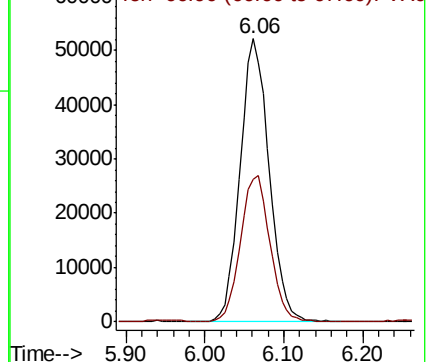
Ion Ratio Lower Upper

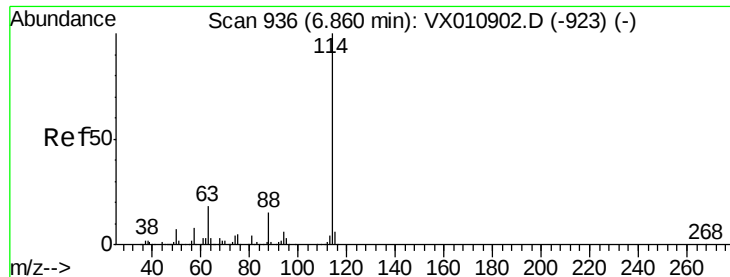
65 100

67 52.5 0.0 107.8



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





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX011008.D

Acq: 19 Jul 2019 17:25

Instrument :

MSVOA_X

ClientSampleId :

FL-0631DL

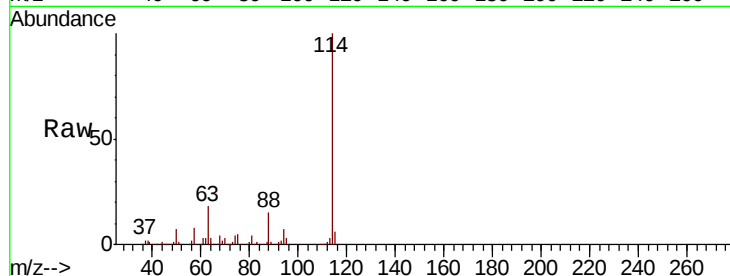
Tot Ion:114 Resp: 377372

Ion Ratio Lower Upper

114 100

63 18.2 0.0 35.6

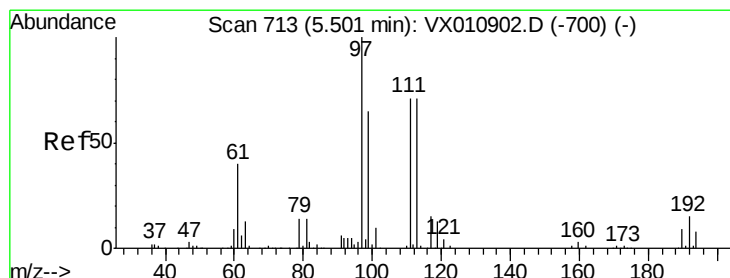
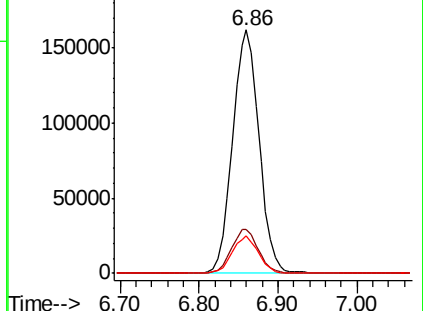
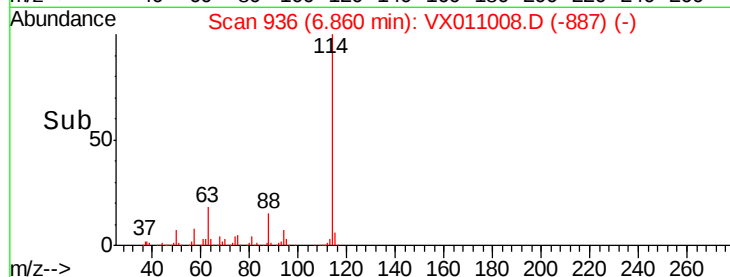
88 15.3 0.0 29.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 48.922 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX011008.D

Acq: 19 Jul 2019 17:25

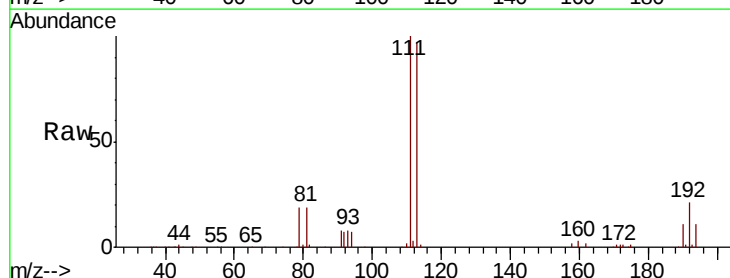
Tgt Ion:113 Resp: 117180

Ion Ratio Lower Upper

113 100

111 101.3 82.3 123.5

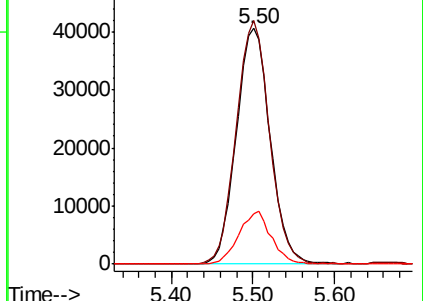
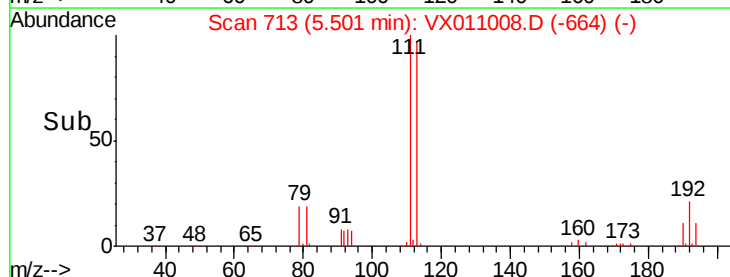
192 21.2 17.4 26.2

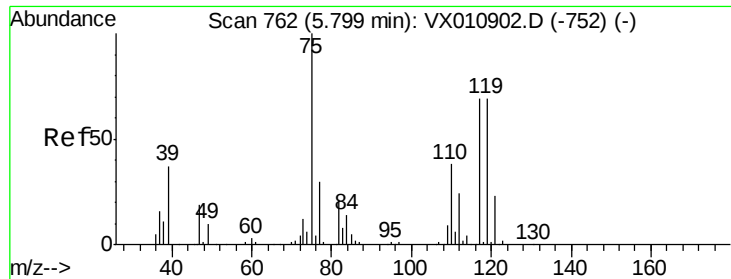


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.335 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX011008.D

Acq: 19 Jul 2019 17:25

Instrument :

MSVOA_X

ClientSampled :

FL-0631DL

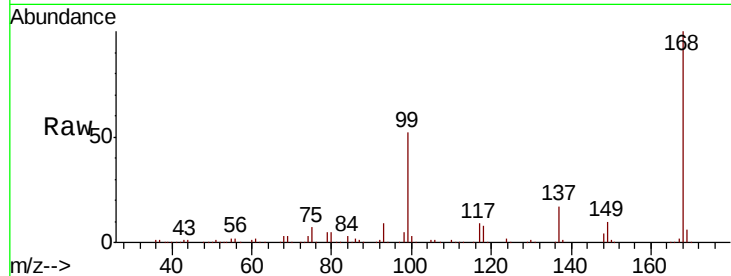
Tot Ion: 75 Resp: 16536

Ion Ratio Lower Upper

75 100

110 10.2 19.9 59.7#

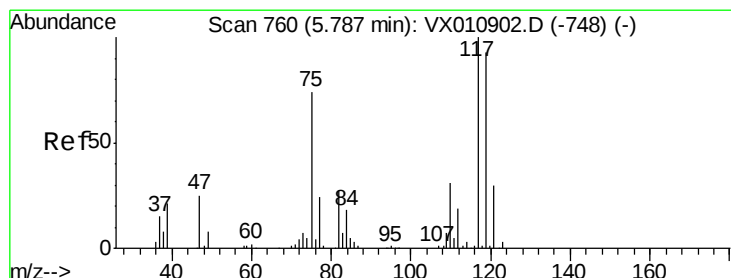
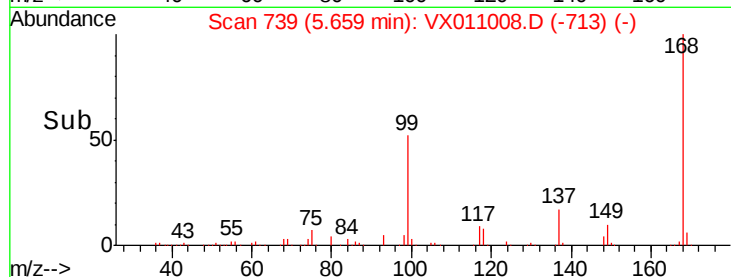
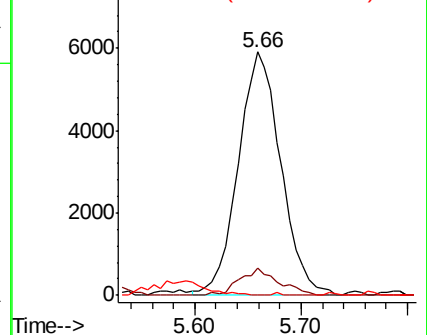
77 0.0 25.0 37.4#



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: 6.832 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX011008.D

Acq: 19 Jul 2019 17:25

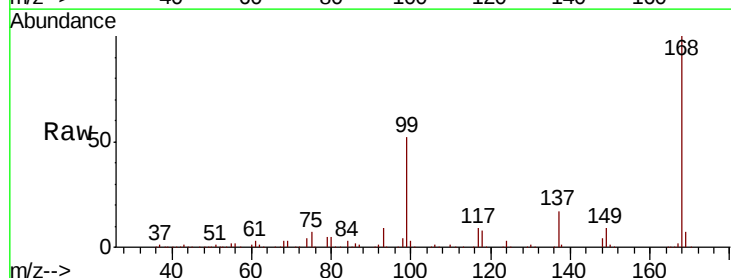
Tgt Ion: 117 Resp: 22068

Ion Ratio Lower Upper

117 100

119 4.5 74.2 111.2#

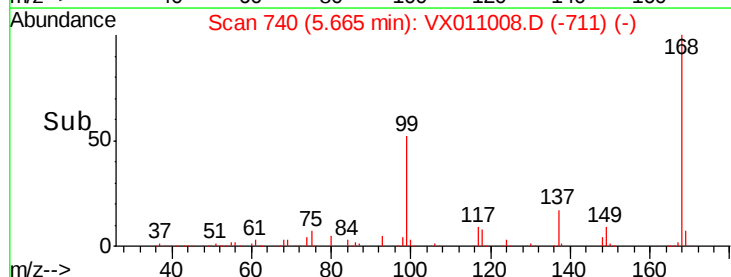
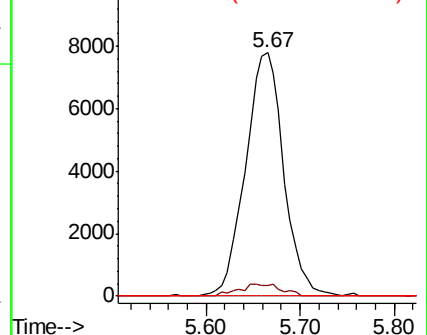
121 0.0 24.2 36.2#

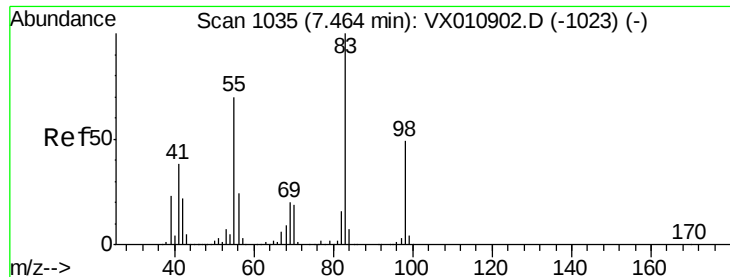


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

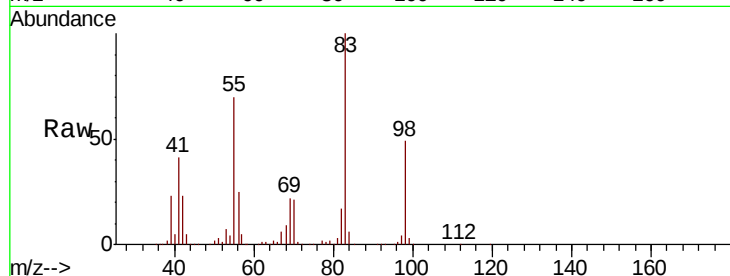




#39
Methylcyclohexane
Concen: 31.143 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX011008.D
Acq: 19 Jul 2019 17:25

Instrument :
MSVOA_X
ClientSampled :
FL-0631DL

Tot Ion	Ratio	Lower	Upper
83	100		
55	69.7	56.2	84.4
98	49.3	39.0	58.4

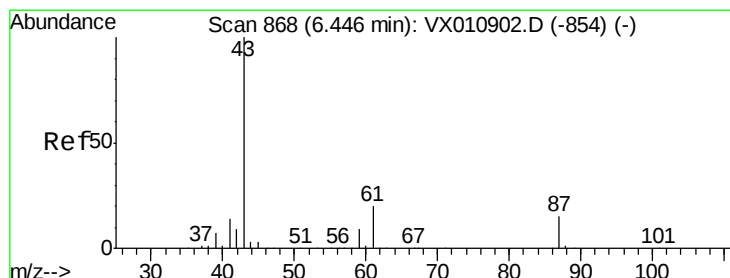
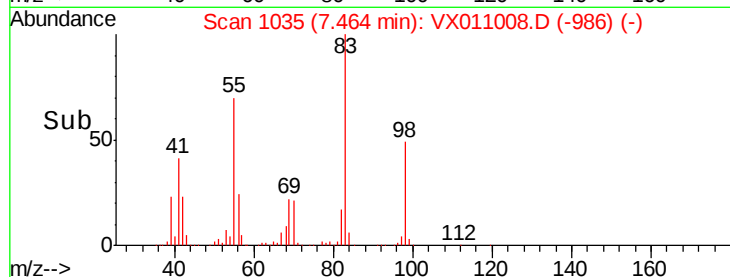
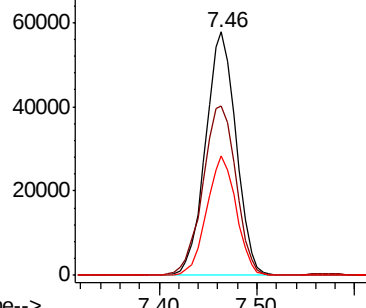


Abundance

Ion 83.00 (82.70 to 83.70): VX0

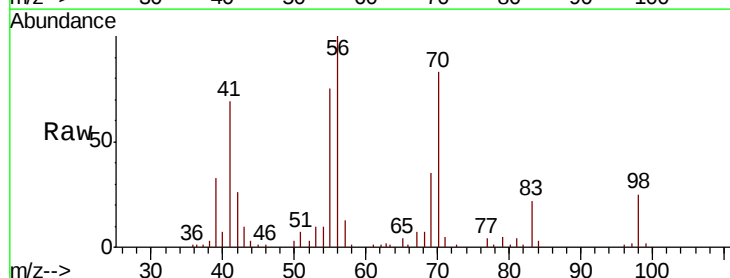
Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#43
Isopropyl Acetate
Concen: 0.367 ug/l
RT: 6.45 min Scan# 869
Delta R.T. 0.01 min
Lab File: VX011008.D
Acq: 19 Jul 2019 17:25

Tgt Ion	Ratio	Lower	Upper
43	100		
61	7.9	17.1	25.7#
87	0.0	12.0	18.0#

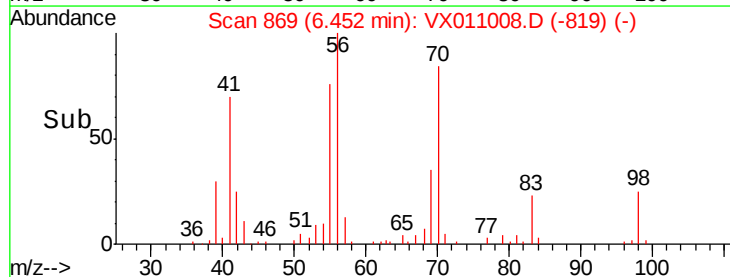
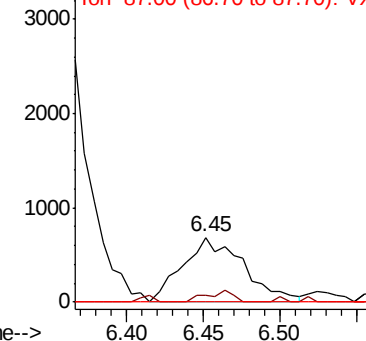


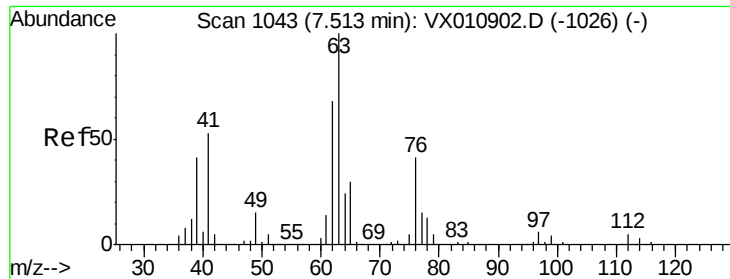
Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#45

1,2-Dichloropropane

Concen: 0.626 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. -0.05 min

Lab File: VX011008.D

Acq: 19 Jul 2019 17:25

Instrument :

MSVOA_X

ClientSampleId :

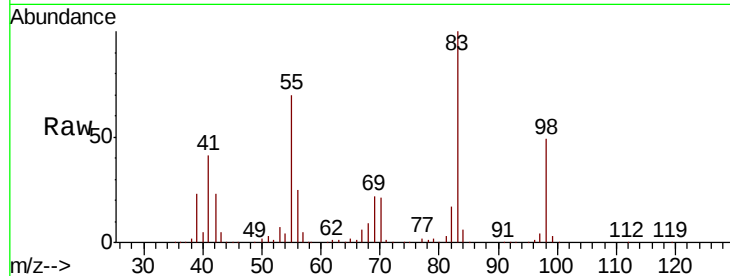
FL-0631DL

Tot Ion: 63 Resp: 1514

Ion Ratio Lower Upper

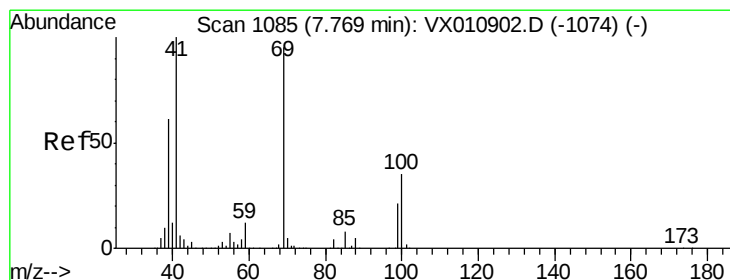
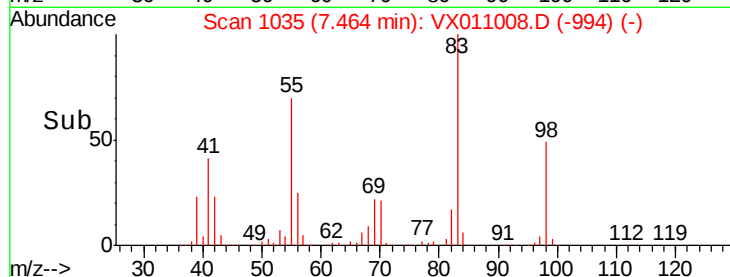
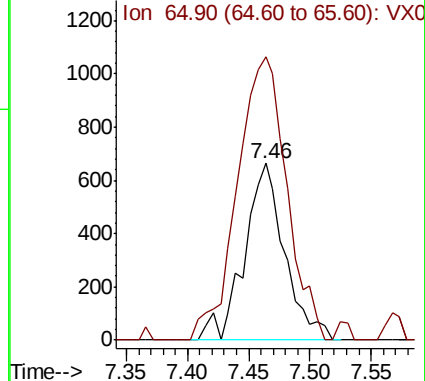
63 100

65 159.8 24.4 36.6#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#48

Methyl methacrylate

Concen: 2.650 ug/l

RT: 7.73 min Scan# 1079

Delta R.T. -0.04 min

Lab File: VX011008.D

Acq: 19 Jul 2019 17:25

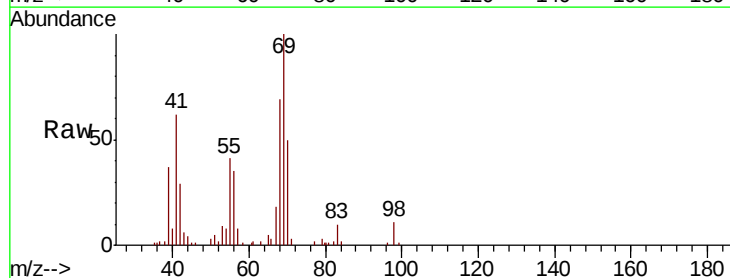
Tgt Ion: 41 Resp: 6737

Ion Ratio Lower Upper

41 100

69 156.4 74.4 111.6#

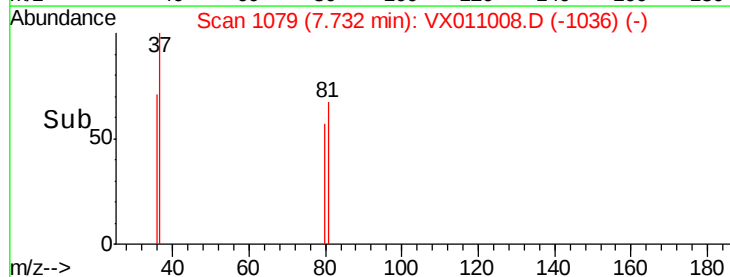
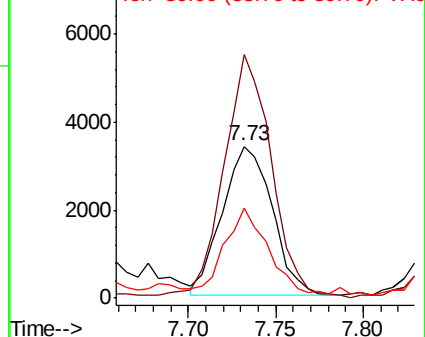
39 49.9 48.9 73.3

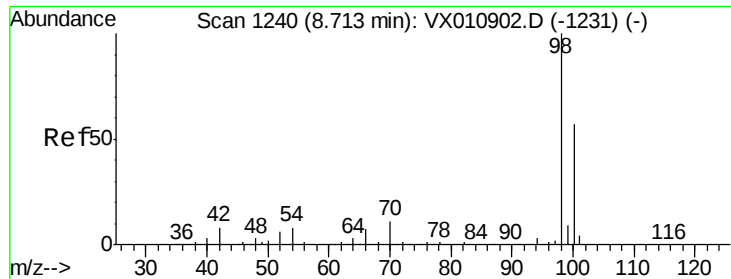


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

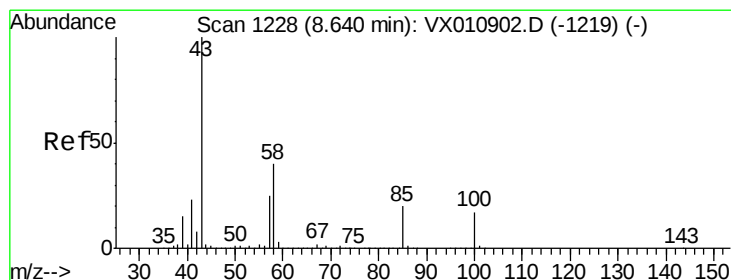
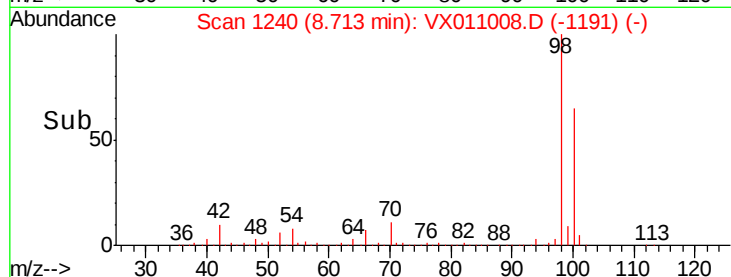
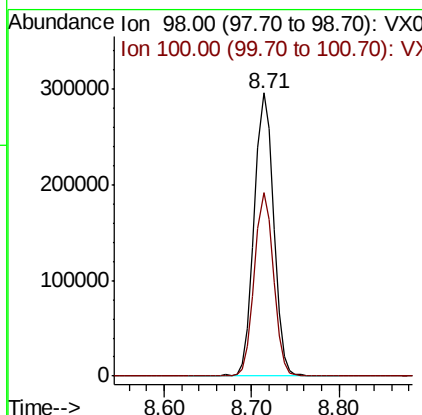
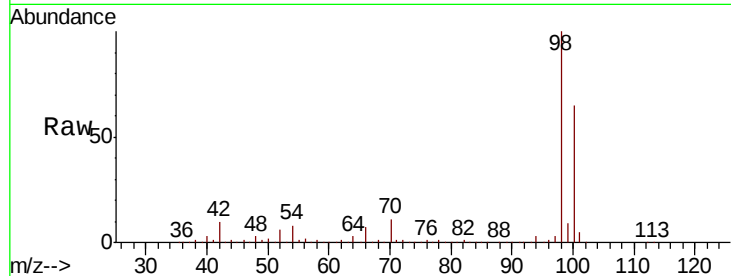




#50
Toluene-d8
Concen: 50.912 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011008.D
Acq: 19 Jul 2019 17:25

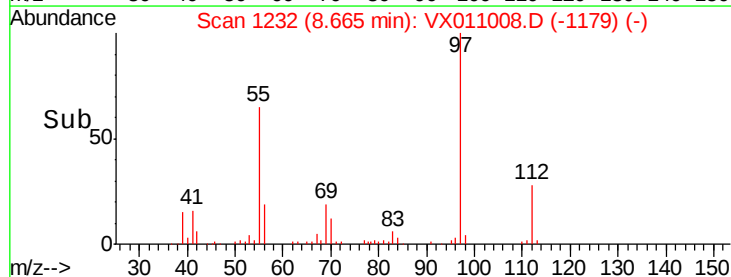
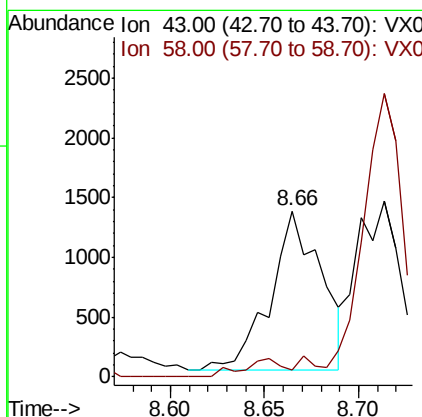
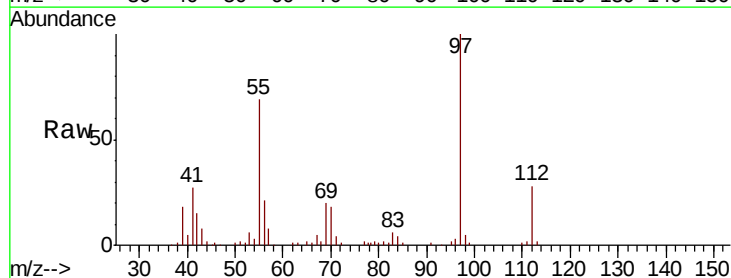
Instrument :
MSVOA_X
ClientSampleId :
FL-0631DL

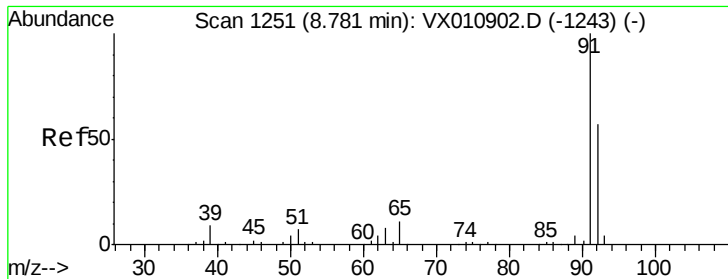
Tot Ion: 98 Resp: 457380
Ion Ratio Lower Upper
98 100
100 63.7 50.6 75.8



#51
4-Methyl-2-Pentanone
Concen: 0.745 ug/l
RT: 8.66 min Scan# 1232
Delta R.T. 0.02 min
Lab File: VX011008.D
Acq: 19 Jul 2019 17:25

Tgt Ion: 43 Resp: 2521
Ion Ratio Lower Upper
43 100
58 9.0 32.2 48.4#





#52

Toluene

Concen: 0.762 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX011008.D

Acq: 19 Jul 2019 17:25

Instrument :

MSVOA_X

ClientSampleId :

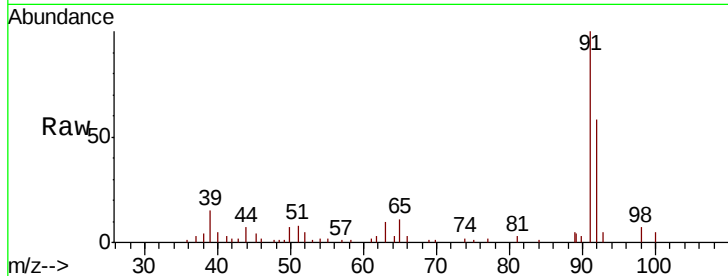
FL-0631DL

Tot Ion: 92 Resp: 4754

Ion Ratio Lower Upper

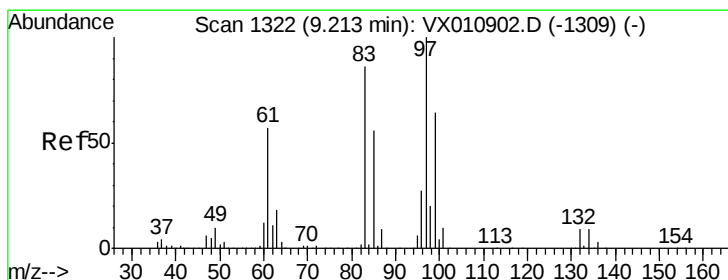
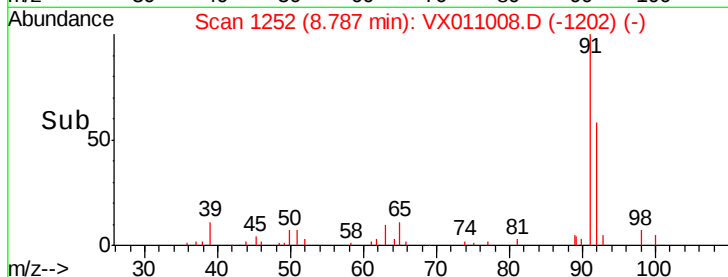
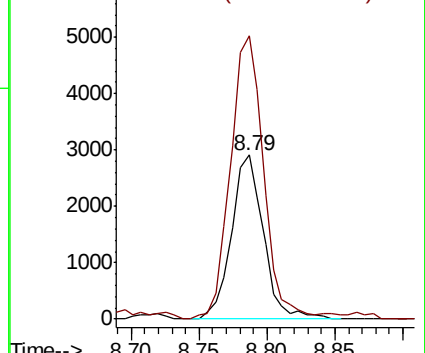
92 100

91 180.9 139.4 209.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#55

1,1,2-Trichloroethane

Concen: 5.185 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX011008.D

Acq: 19 Jul 2019 17:25

Tgt Ion: 97 Resp: 13317

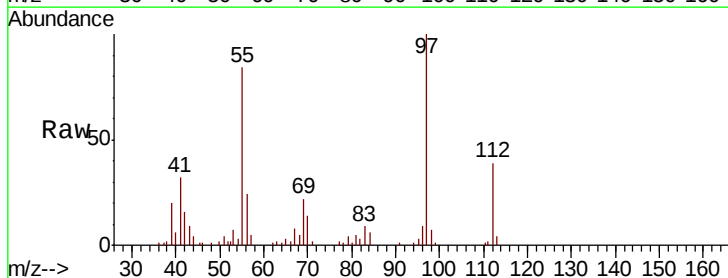
Ion Ratio Lower Upper

97 100

83 9.0 69.2 103.8#

85 0.0 44.6 66.8#

99 0.8 51.2 76.8#

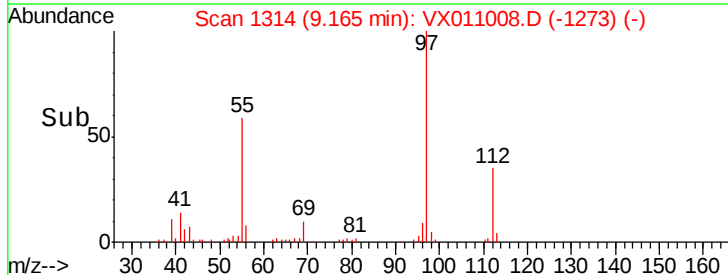
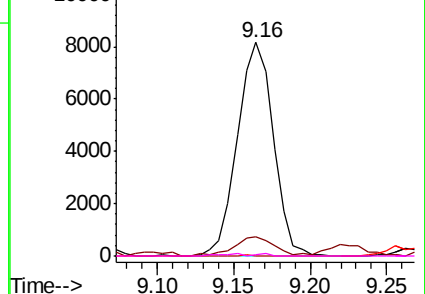


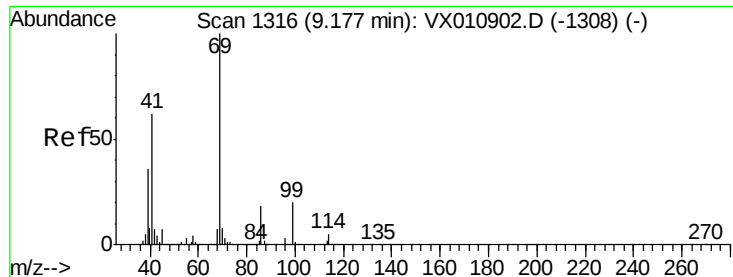
Abundance Ion 96.90 (96.60 to 97.60): VX0

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





#56

Ethyl methacrylate

Concen: 0.807 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.01 min

Lab File: VX011008.D

Acq: 19 Jul 2019 17:25

Instrument :

MSVOA_X

ClientSampleId :

FL-0631DL

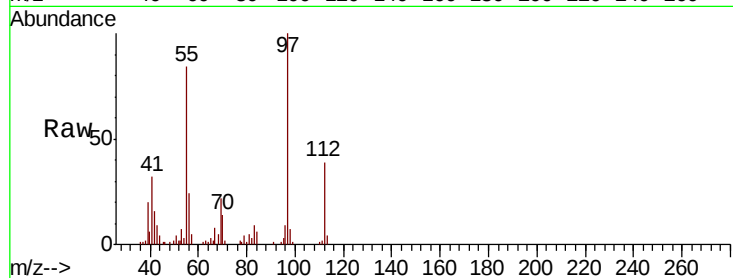
Tot Ion: 69 Resp: 3033

Ion Ratio Lower Upper

69 100

41 152.1 49.7 74.5#

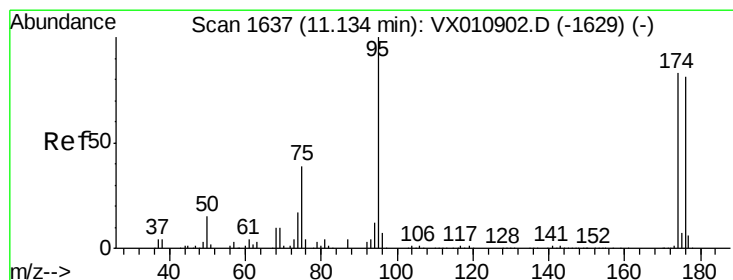
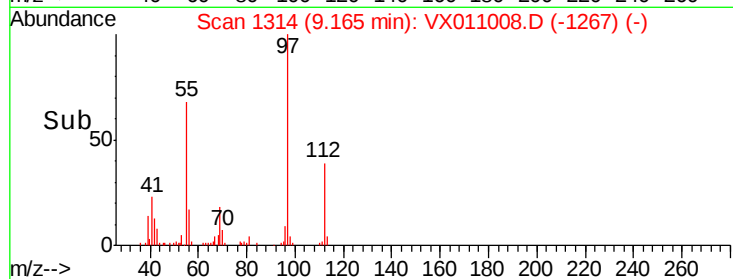
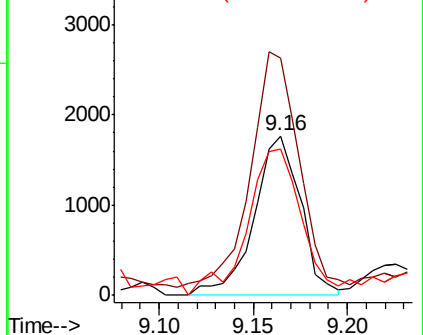
39 105.9 29.6 44.4#



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#62

4-Bromofluorobenzene

Concen: 51.673 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011008.D

Acq: 19 Jul 2019 17:25

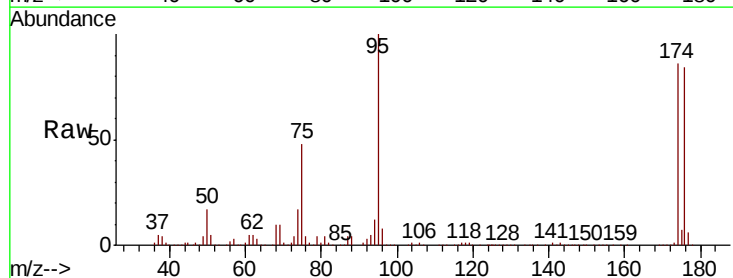
Tgt Ion: 95 Resp: 170631

Ion Ratio Lower Upper

95 100

174 88.6 0.0 180.6

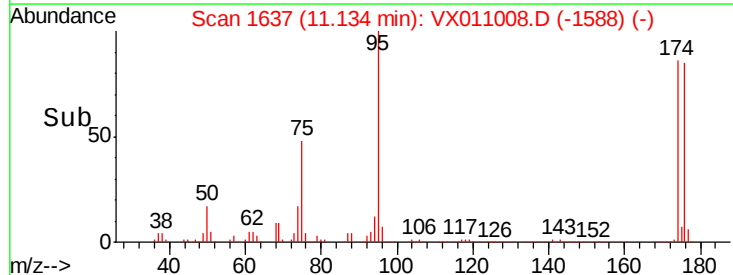
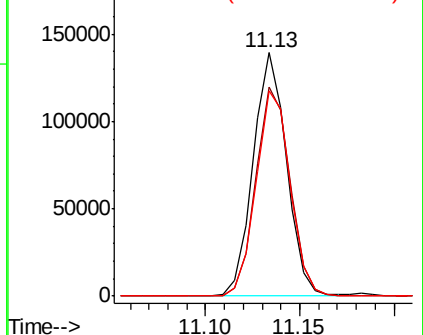
176 86.6 0.0 173.8

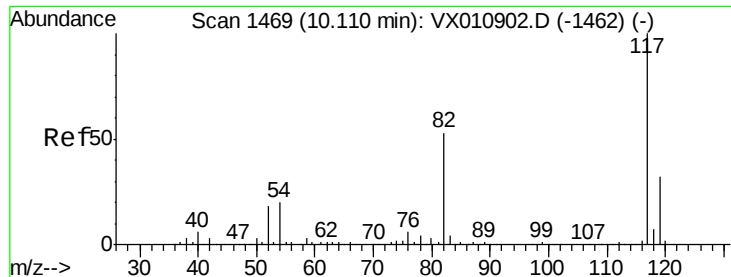


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

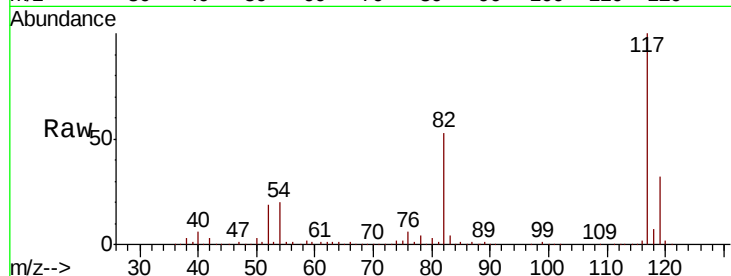




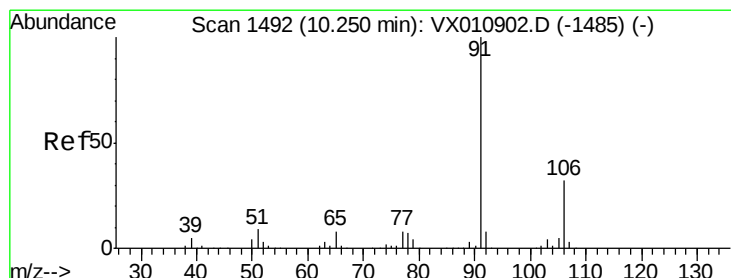
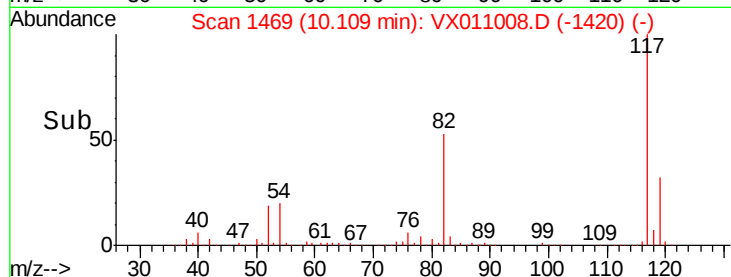
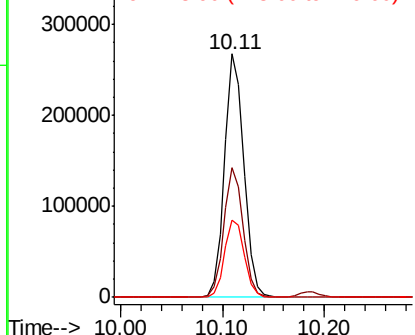
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011008.D
Acq: 19 Jul 2019 17:25

Instrument :
MSVOA_X
ClientSampleId :
FL-0631DL

Tot Ion:117 Resp: 352378
Ion Ratio Lower Upper
117 100
82 53.2 42.6 63.8
119 32.0 25.9 38.9

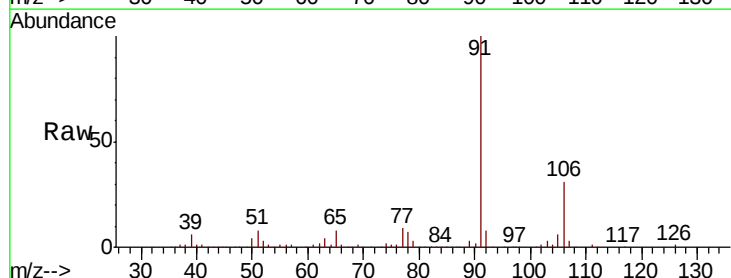


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

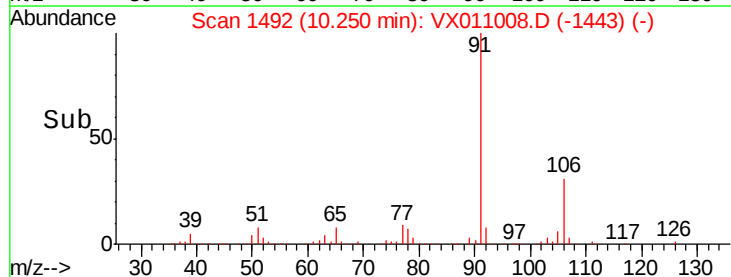
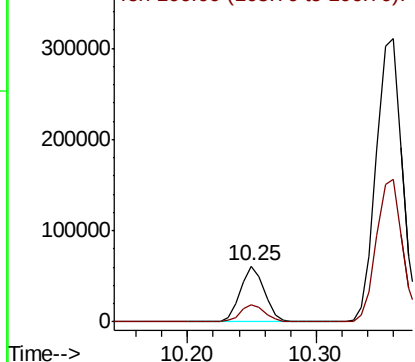


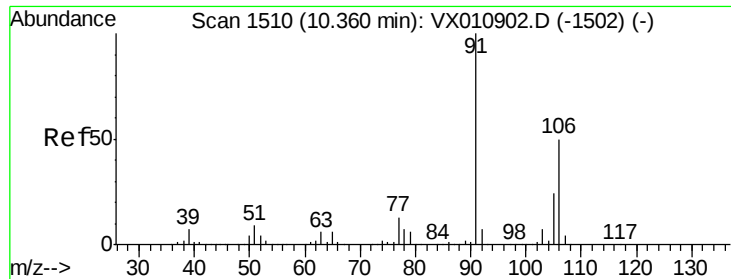
#67
Ethyl Benzene
Concen: 6.374 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX011008.D
Acq: 19 Jul 2019 17:25

Tgt Ion: 91 Resp: 78519
Ion Ratio Lower Upper
91 100
106 30.6 25.4 38.2



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

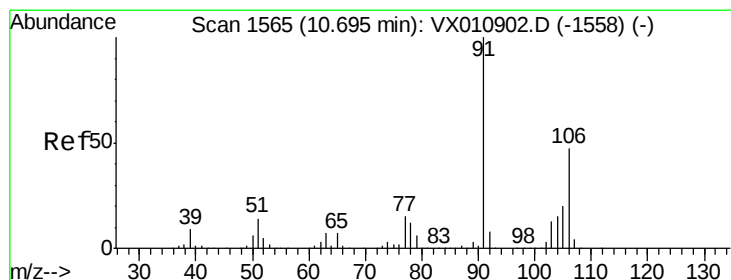
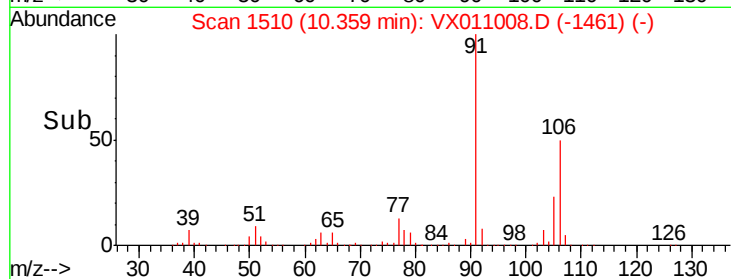
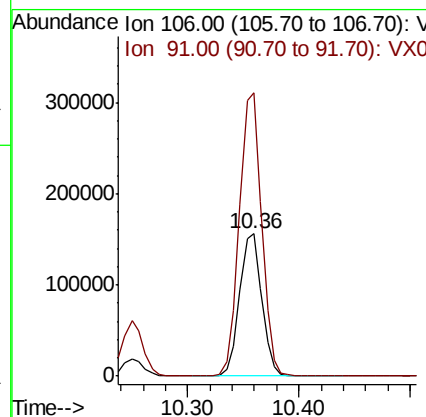
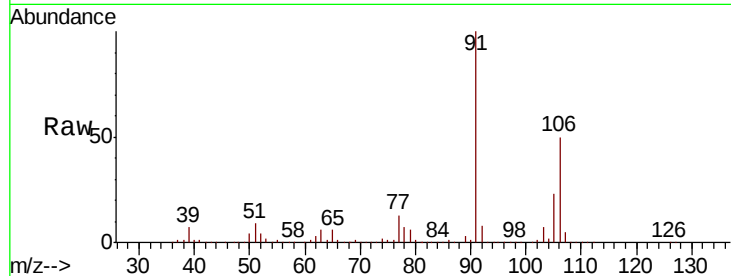




#68
m/p-Xylenes
Concen: 45.778 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX011008.D
Acq: 19 Jul 2019 17:25

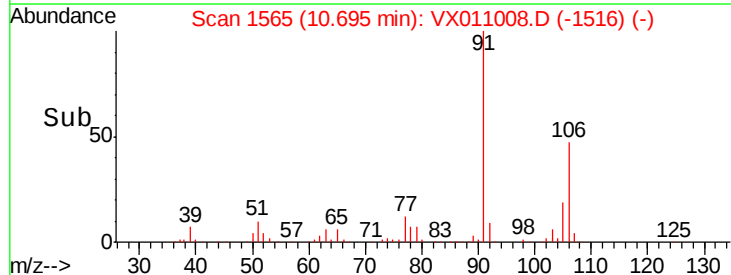
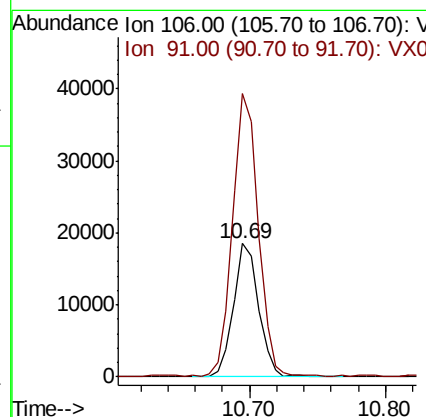
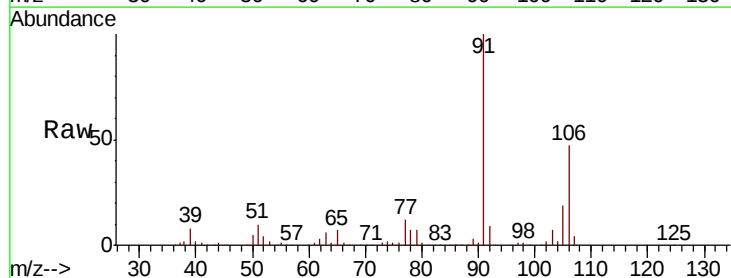
Instrument :
MSVOA_X
ClientSampleId :
FL-0631DL

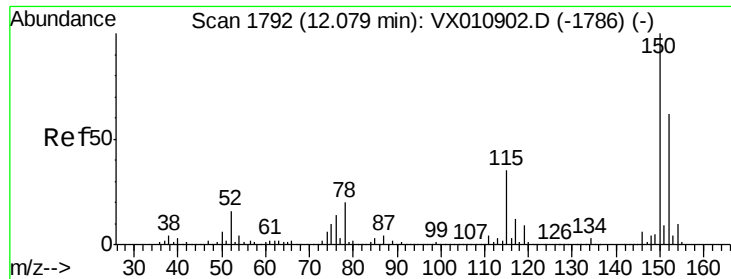
Tot Ion:106 Resp: 216327
Ion Ratio Lower Upper
106 100
91 199.5 160.1 240.1



#69
o-Xylene
Concen: 5.203 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX011008.D
Acq: 19 Jul 2019 17:25

Tgt Ion:106 Resp: 23994
Ion Ratio Lower Upper
106 100
91 212.9 105.1 315.3



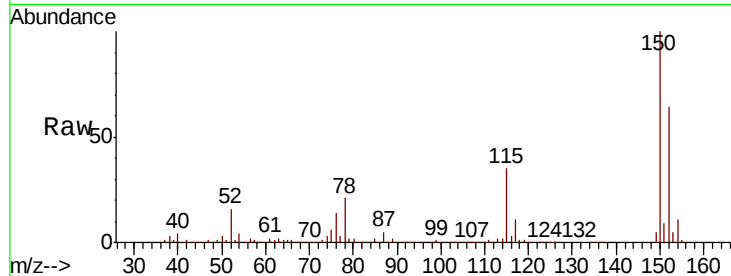


#72

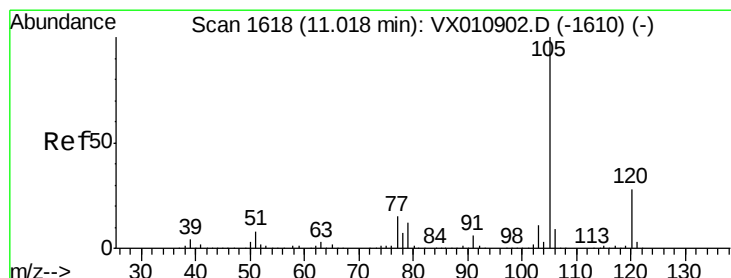
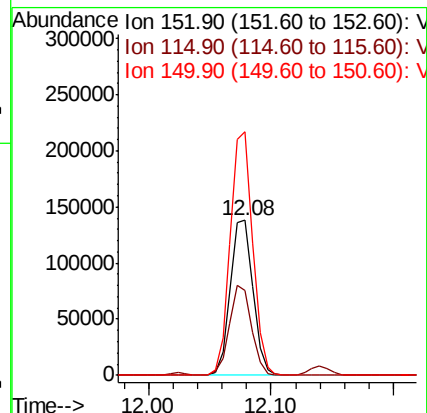
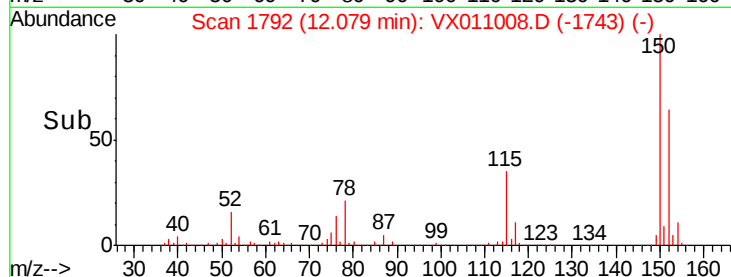
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX011008.D
Acq: 19 Jul 2019 17:25

Instrument :
MSVOA_X
ClientSampled :
FL-0631DL

Tot Ion:152 Resp: 176454
Ion Ratio Lower Upper
152 100
115 56.8 39.7 119.1
150 155.1 0.0 345.6



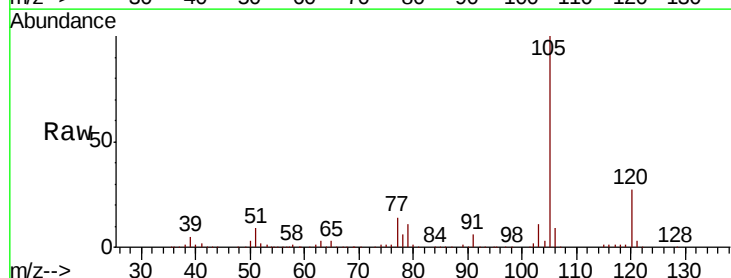
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



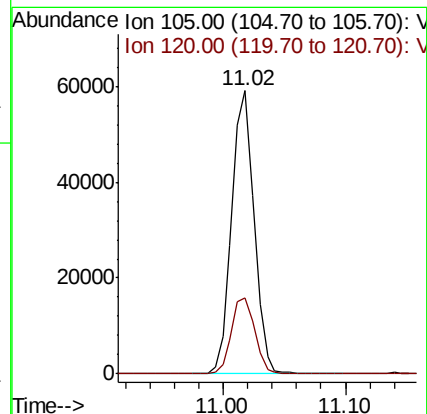
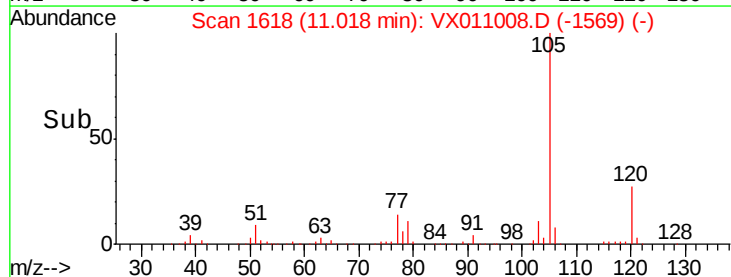
#73

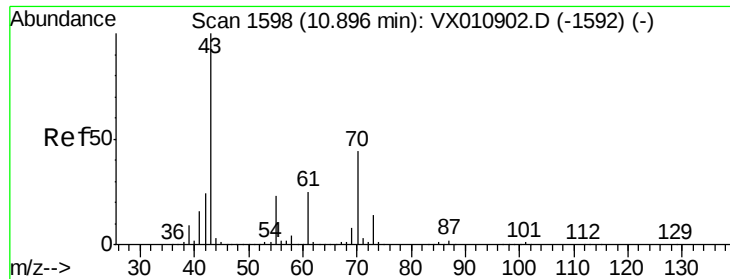
Isopropylbenzene
Concen: 6.274 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX011008.D
Acq: 19 Jul 2019 17:25

Tgt Ion:105 Resp: 74804
Ion Ratio Lower Upper
105 100
120 27.8 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.220 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.01 min

Lab File: VX011008.D

Acq: 19 Jul 2019 17:25

Instrument :

MSVOA_X

ClientSampleId :

FL-0631DL

Tot Ion: 43 Resp: 1001

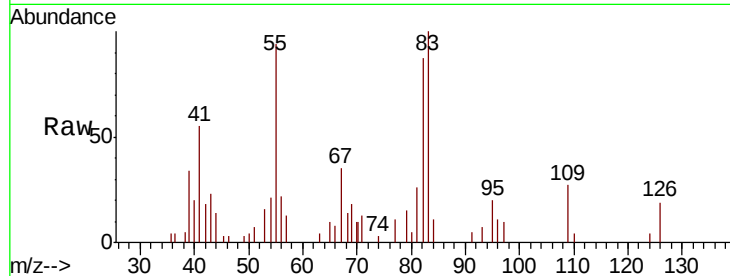
Ion Ratio Lower Upper

43 100

70 78.7 34.7 52.1#

55 374.1 19.1 28.7#

61 0.0 19.9 29.9#

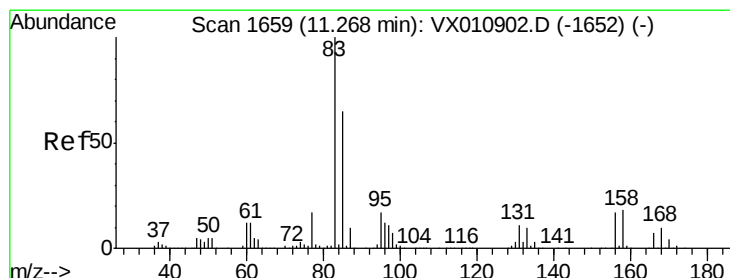
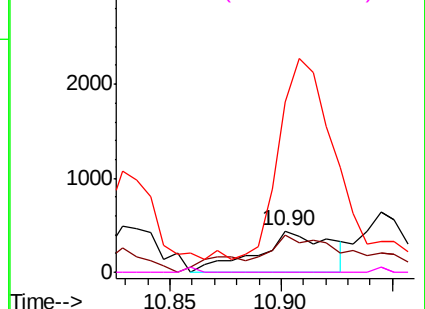
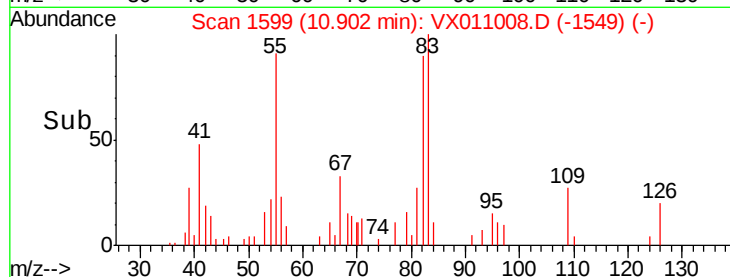


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 0.220 ug/l

RT: 11.28 min Scan# 1661

Delta R.T. 0.01 min

Lab File: VX011008.D

Acq: 19 Jul 2019 17:25

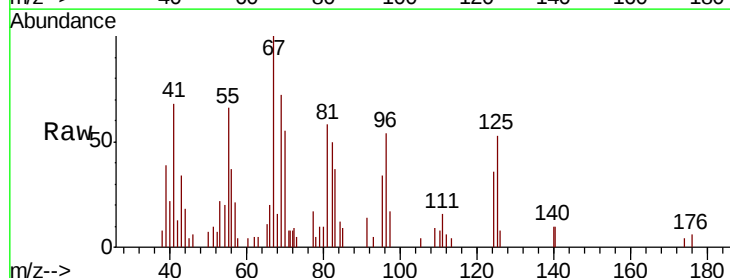
Tgt Ion: 83 Resp: 858

Ion Ratio Lower Upper

83 100

131 0.0 5.5 16.4#

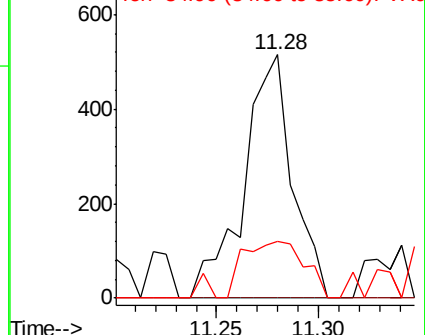
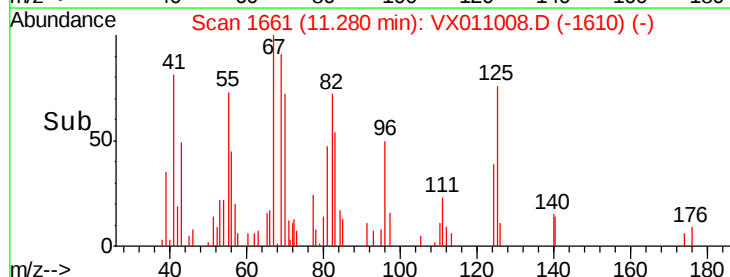
85 29.3 32.3 96.9#

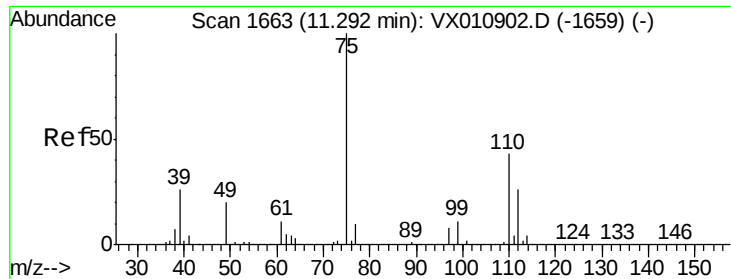


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

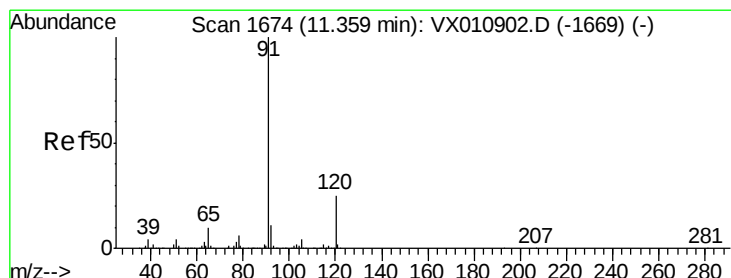
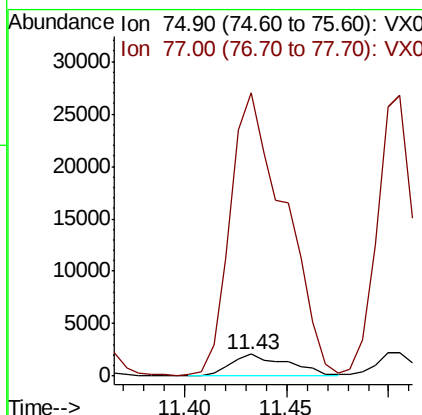
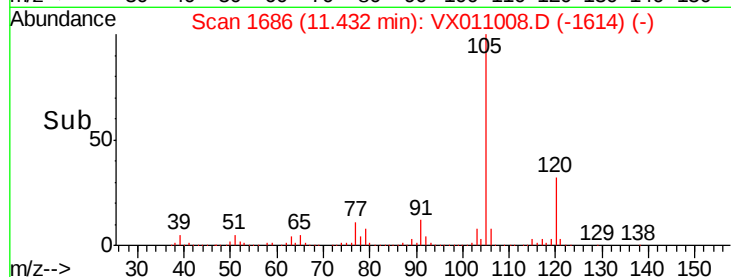
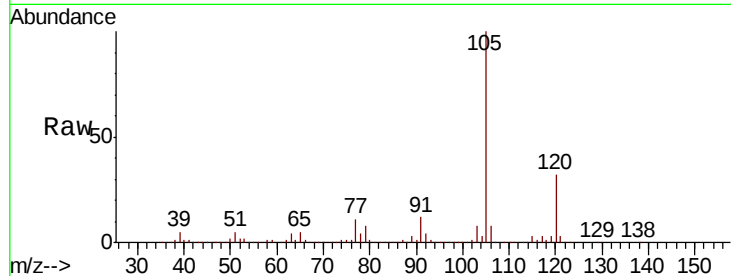




#76
 1,2,3-Trichloropropane
 Concen: 1.301 ug/l
 RT: 11.43 min Scan# 1686
 Delta R.T. 0.14 min
 Lab File: VX011008.D
 Acq: 19 Jul 2019 17:25

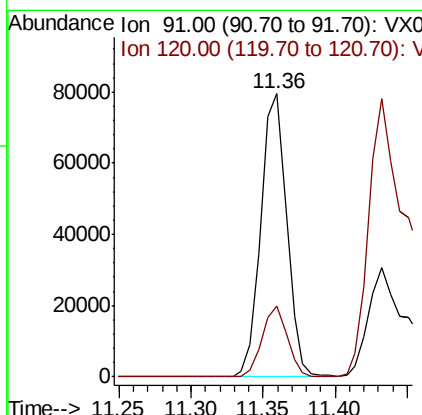
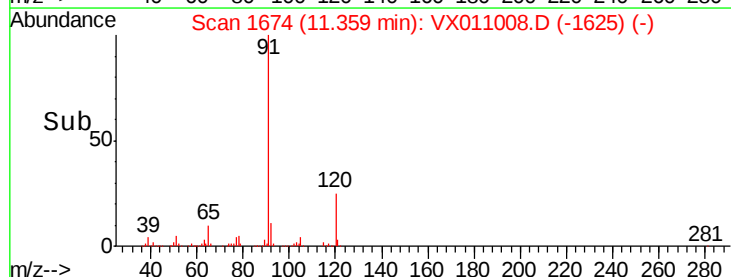
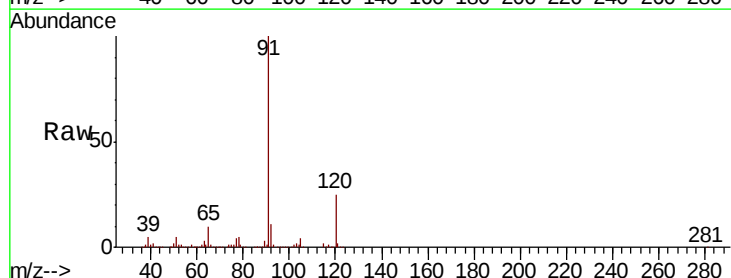
Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0631DL

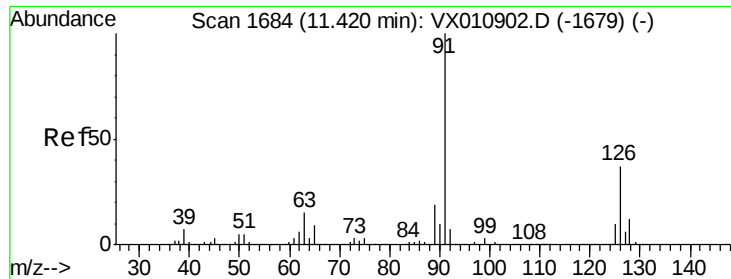
Tot Ion: 75 Resp: 4142
 Ion Ratio Lower Upper
 75 100
 77 1208.0 21.3 64.0#



#78
 n-propylbenzene
 Concen: 7.480 ug/l
 RT: 11.36 min Scan# 1674
 Delta R.T. -0.00 min
 Lab File: VX011008.D
 Acq: 19 Jul 2019 17:25

Tgt Ion: 91 Resp: 98544
 Ion Ratio Lower Upper
 91 100
 120 24.5 12.3 36.8





#79

2-Chlorotoluene

Concen: 6.749 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX011008.D

Acq: 19 Jul 2019 17:25

Instrument :

MSVOA_X

ClientSampleID :

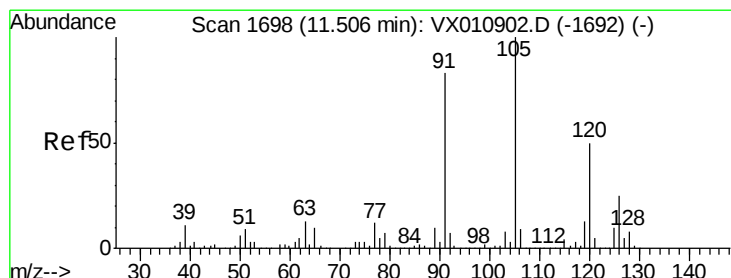
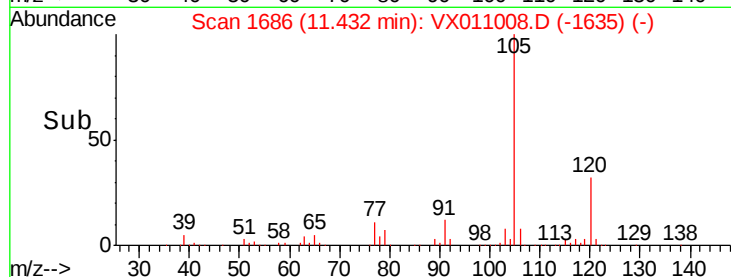
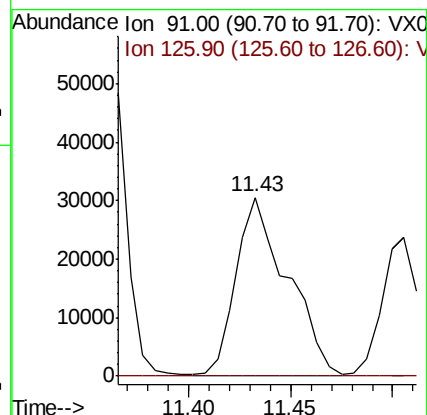
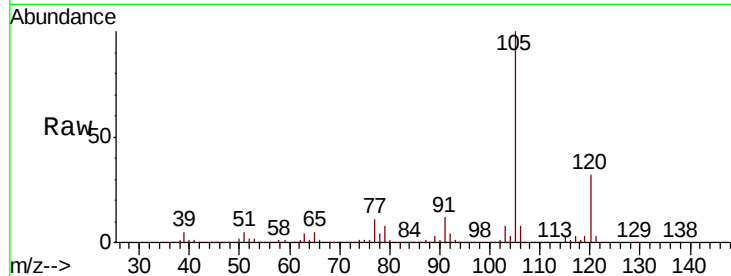
FL-0631DL

Tot Ion: 91 Resp: 53413

Ion Ratio Lower Upper

91 100

126 0.0 18.0 54.0#



#80

1,3,5-Trimethylbenzene

Concen: 27.102 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011008.D

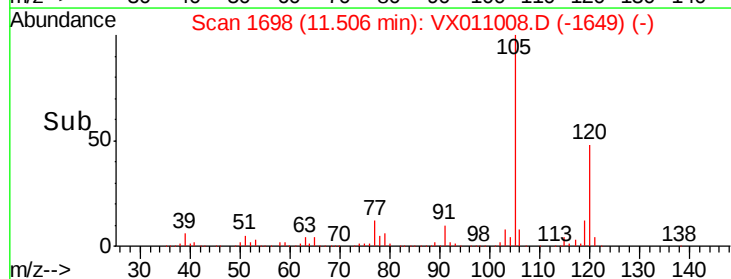
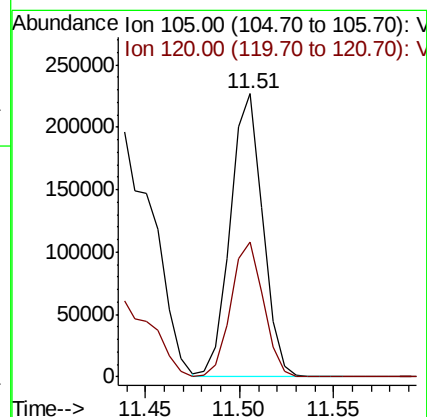
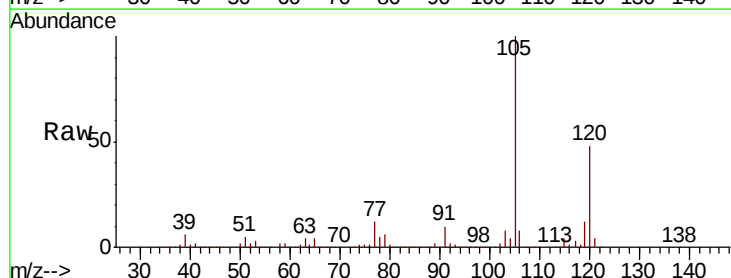
Acq: 19 Jul 2019 17:25

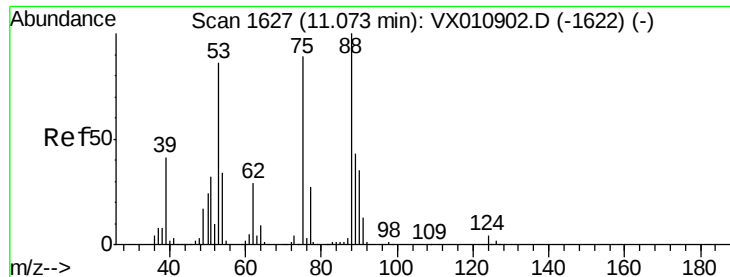
Tgt Ion:105 Resp: 270010

Ion Ratio Lower Upper

105 100

120 48.2 24.6 73.8

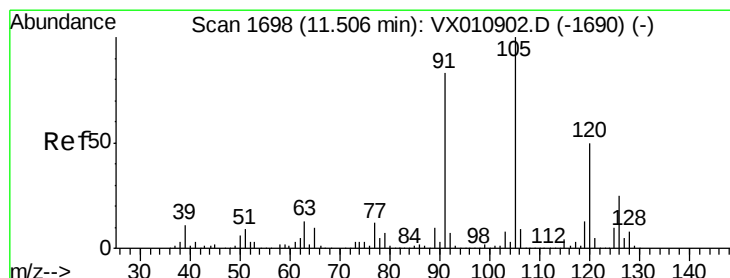
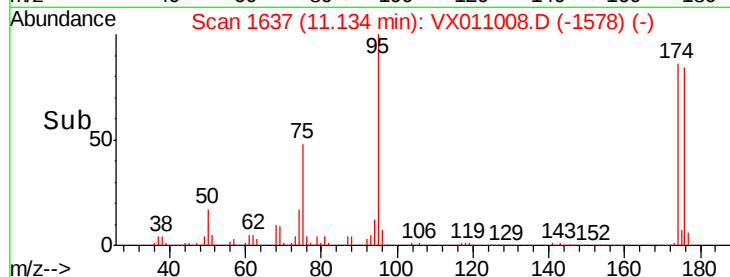
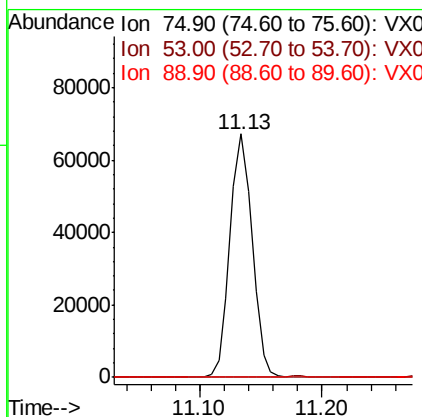
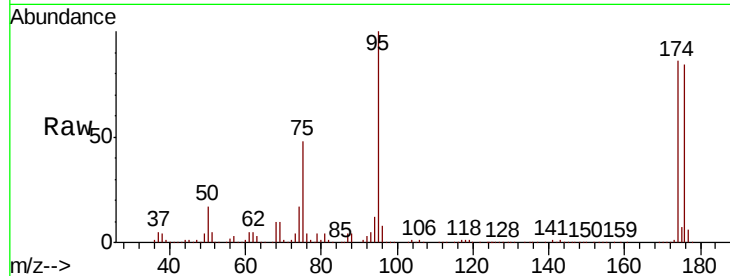




#81
trans-1,4-Dichloro-2-butene
Concen: 66.193 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX011008.D
Acq: 19 Jul 2019 17:25

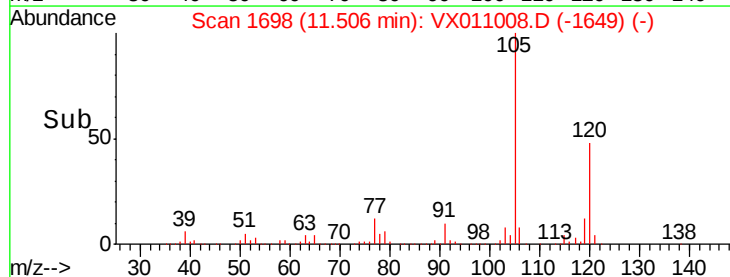
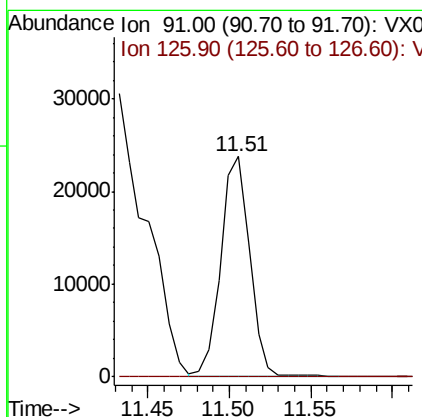
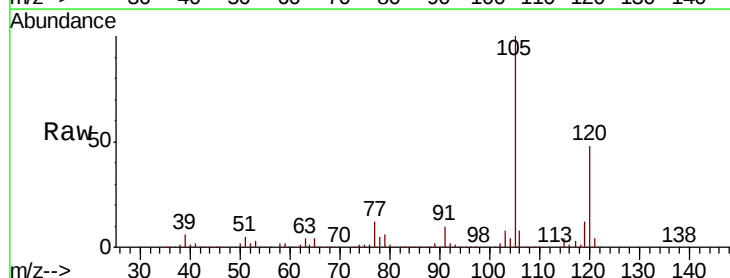
Instrument :
MSVOA_X
ClientSampleId :
FL-0631DL

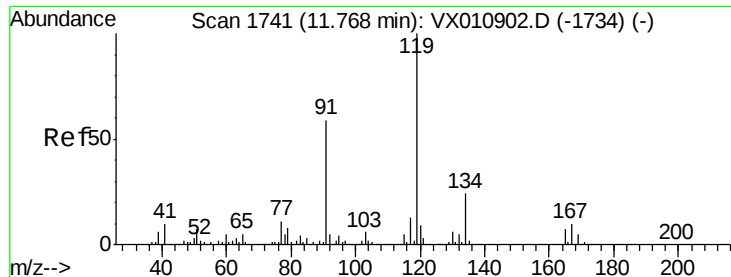
Tot Ion: 75 Resp: 84952
Ion Ratio Lower Upper
75 100
53 0.1 76.7 115.1#
89 0.0 38.5 57.7#



#82
4-Chlorotoluene
Concen: 3.208 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX011008.D
Acq: 19 Jul 2019 17:25

Tgt Ion: 91 Resp: 29545
Ion Ratio Lower Upper
91 100
126 0.0 15.9 47.7#





#83

tert-Butylbenzene

Concen: 0.449 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX011008.D

Acq: 19 Jul 2019 17:25

Instrument :

MSVOA_X

ClientSampleId :

FL-0631DL

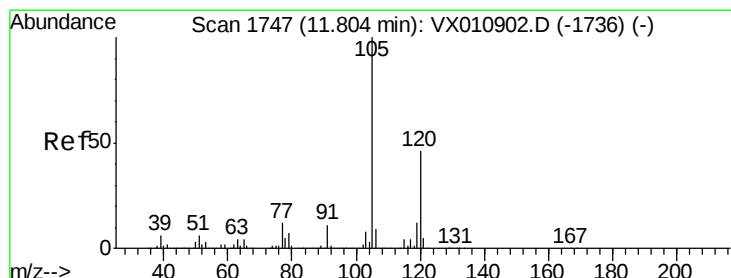
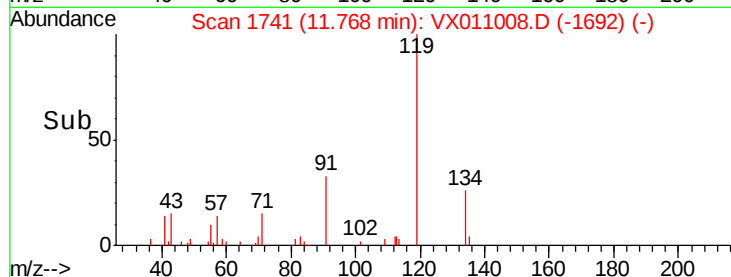
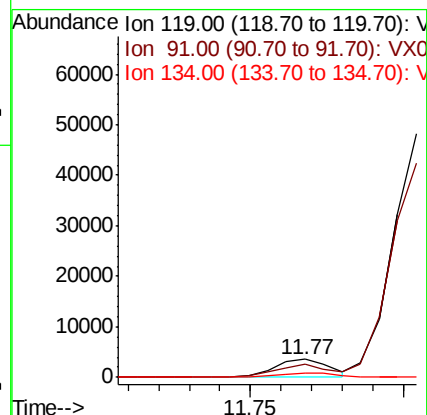
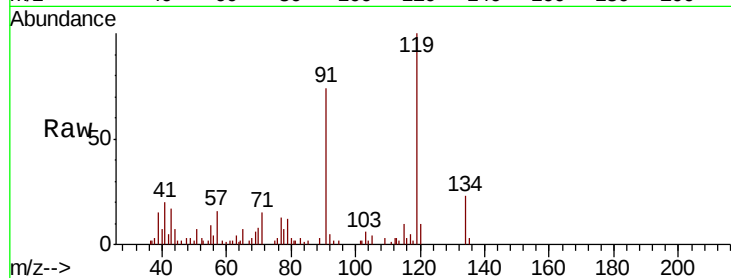
Tot Ion:119 Resp: 4396

Ion Ratio Lower Upper

119 100

91 76.0 28.6 85.8

134 22.9 11.6 34.8



#84

1,2,4-Trimethylbenzene

Concen: 46.811 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX011008.D

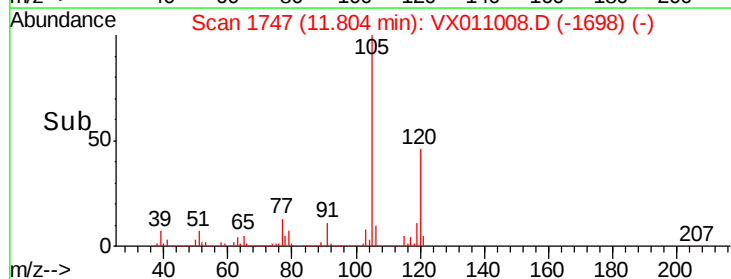
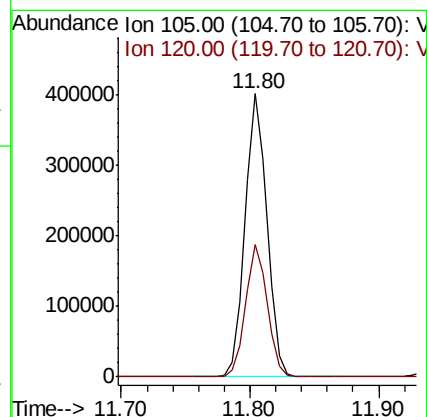
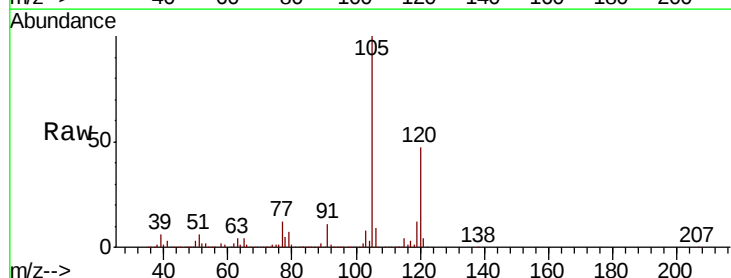
Acq: 19 Jul 2019 17:25

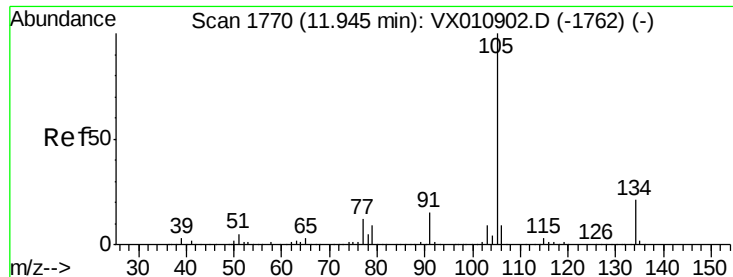
Tgt Ion:105 Resp: 470058

Ion Ratio Lower Upper

105 100

120 46.4 22.9 68.5

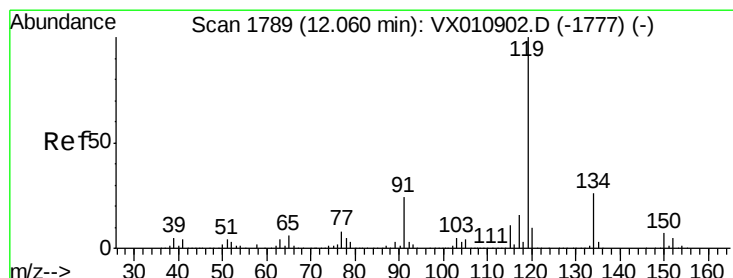
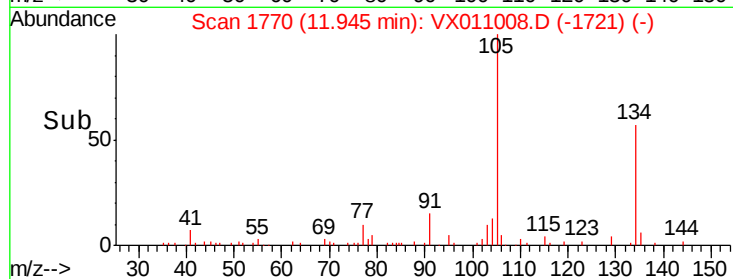
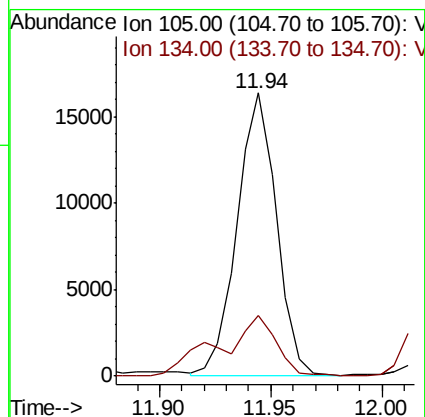
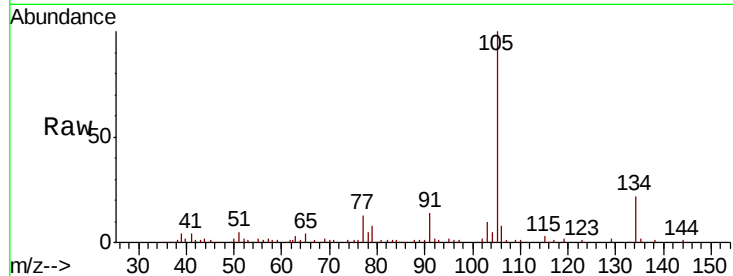




#85
 sec-Butylbenzene
 Concen: 1.759 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX011008.D
 Acq: 19 Jul 2019 17:25

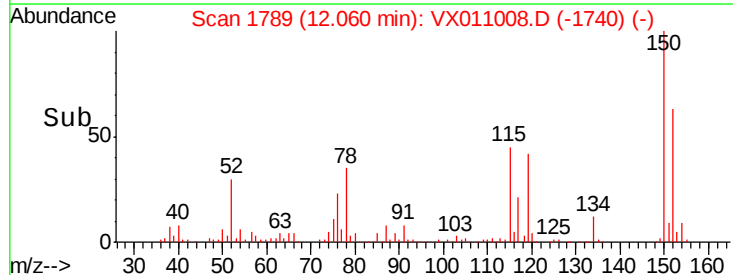
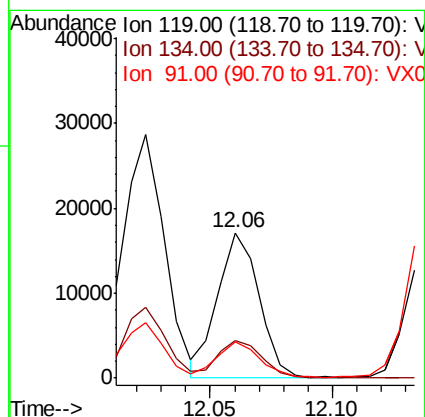
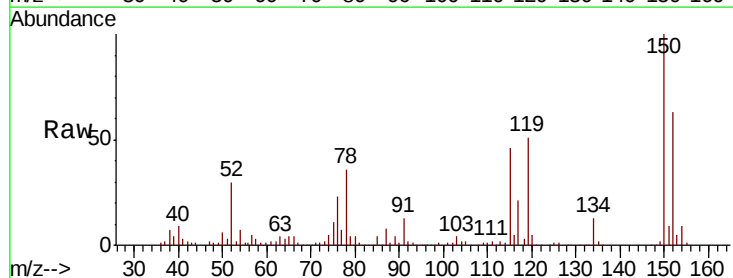
Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0631DL

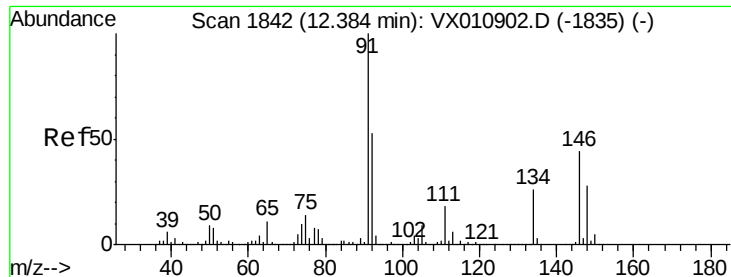
Tot Ion:105 Resp: 20175
 Ion Ratio Lower Upper
 105 100
 134 18.0 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 1.888 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX011008.D
 Acq: 19 Jul 2019 17:25

Tgt Ion:119 Resp: 20014
 Ion Ratio Lower Upper
 119 100
 134 28.1 13.4 40.1
 91 25.4 11.8 35.4

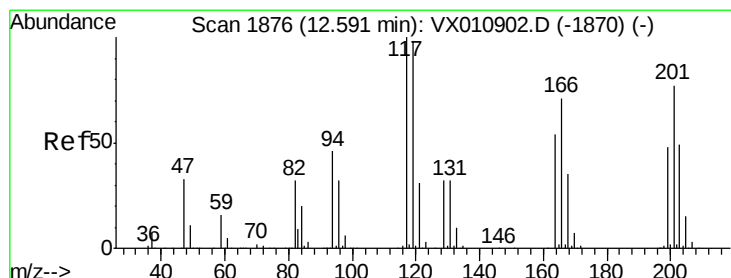
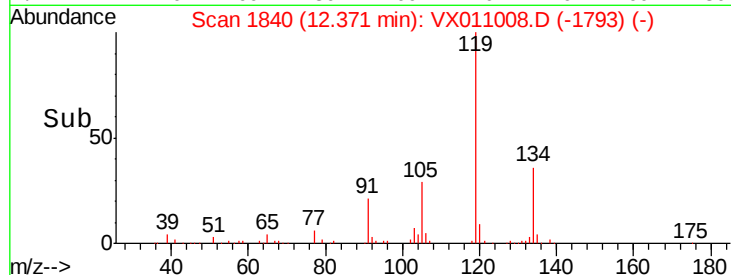
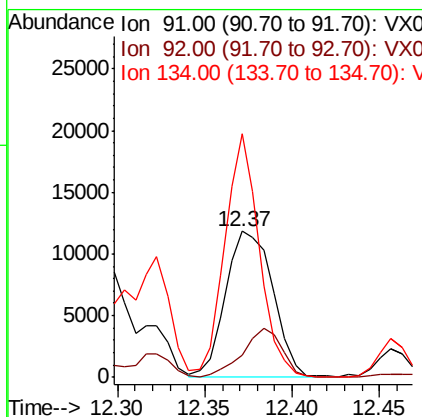
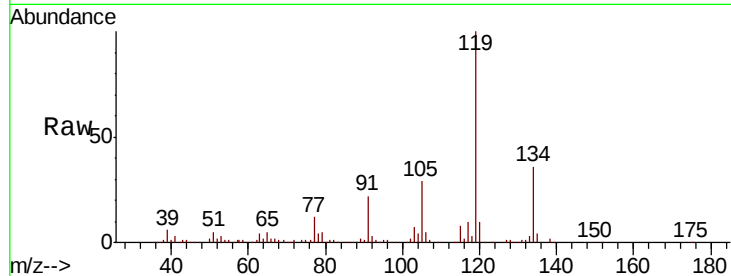




#89
n-Butylbenzene
Concen: 2.425 ug/l
RT: 12.37 min Scan# 1840
Delta R.T. -0.01 min
Lab File: VX011008.D
Acq: 19 Jul 2019 17:25

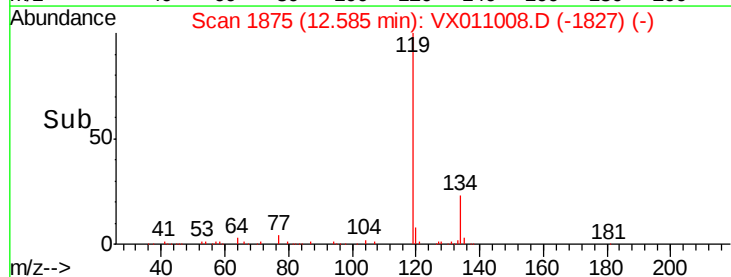
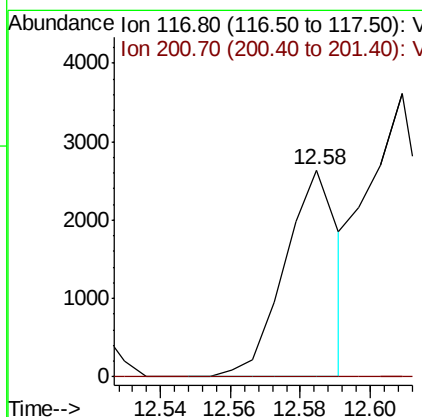
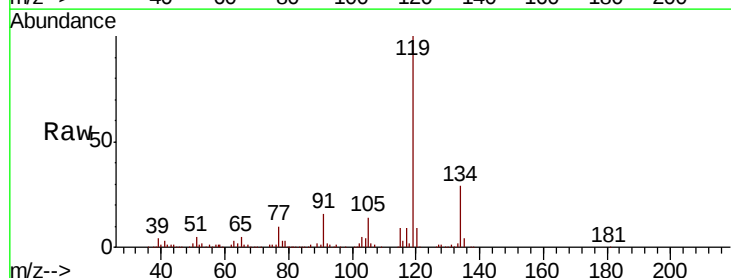
Instrument :
MSVOA_X
ClientSampled :
FL-0631DL

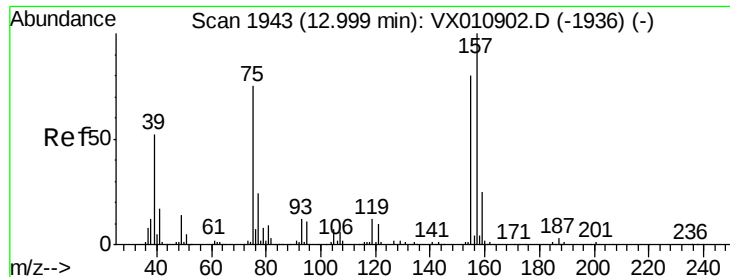
Tot Ion: 91 Resp: 21993
Ion Ratio Lower Upper
91 100
92 28.6 26.2 78.5
134 123.0 13.8 41.3#



#90
Hexachloroethane
Concen: 1.691 ug/l
RT: 12.58 min Scan# 1875
Delta R.T. -0.01 min
Lab File: VX011008.D
Acq: 19 Jul 2019 17:25

Tgt Ion: 117 Resp: 2828
Ion Ratio Lower Upper
117 100
201 0.0 43.3 129.8#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.665 ug/l

RT: 13.01 min Scan# 1945

Delta R.T. 0.01 min

Lab File: VX011008.D

Acq: 19 Jul 2019 17:25

Instrument :

MSVOA_X

ClientSampled :

FL-0631DL

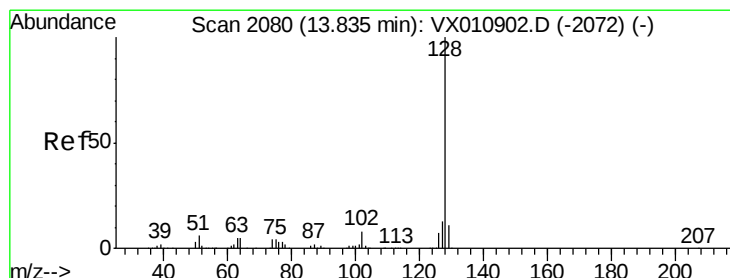
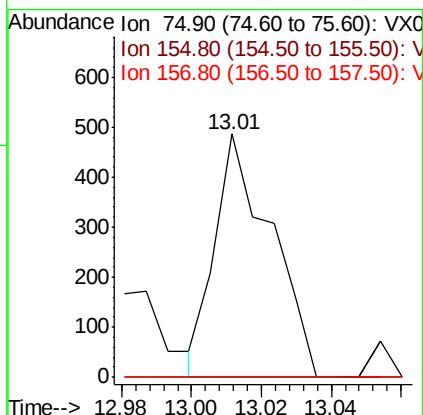
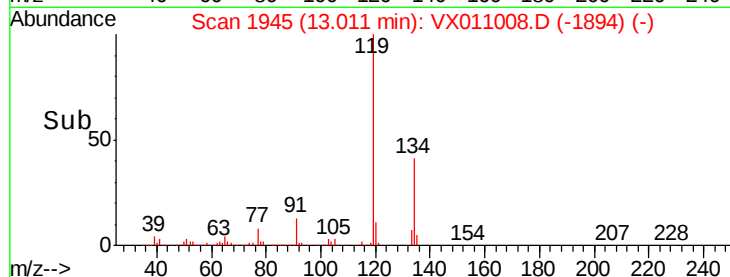
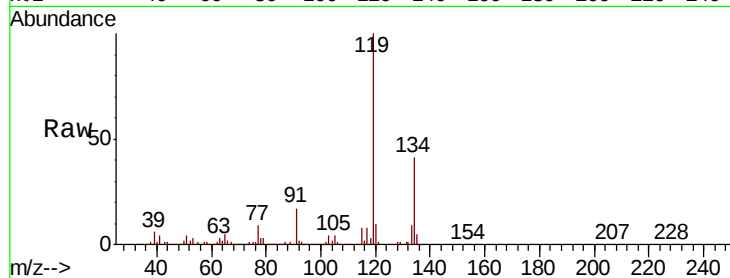
Tot Ion: 75 Resp: 542

Ion Ratio Lower Upper

75 100

155 0.0 48.7 146.1#

157 0.0 62.5 187.6#



#95

Naphthalene

Concen: 7.118 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX011008.D

Acq: 19 Jul 2019 17:25

Tgt Ion:128 Resp: 80579

Ion Ratio Lower Upper

128 100

127 14.3 10.4 15.6

129 12.7 8.9 13.3

