

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072219\
 Data File : VX011027.D
 Acq On : 22 Jul 2019 13:53
 Operator : JC/SP
 Sample : K3884-08DL 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0616DL

Quant Time: Jul 23 03:43:27 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	5.67	168	247470	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	386247	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	361141	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	179463	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	134975	51.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.54%	
35) Dibromofluoromethane	5.50	113	121655	49.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.24%	
50) Toluene-d8	8.71	98	466094	50.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.38%	
62) 4-Bromofluorobenzene	11.13	95	175923	52.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.10%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	46	0.564 ug/l #	43
3) Chloromethane	1.33	50	527	0.232 ug/l	91
5) Bromomethane	1.65	94	696	0.532 ug/l	96
11) Tert butyl alcohol	3.02	59	8987	14.658 ug/l #	73
13) Acrolein	2.29	56	88	0.248 ug/l #	6
14) Allyl chloride	2.84	41	2964	0.926 ug/l #	60
15) Acrylonitrile	3.18	53	1245	1.005 ug/l #	52
16) Acetone	2.45	43	1981	1.666 ug/l #	82
18) Methyl Acetate	2.84	43	6844	2.528 ug/l #	48
20) Methylene Chloride	2.86	84	581	0.231 ug/l #	62
25) 2-Butanone	4.70	43	1441	0.844 ug/l #	80
31) Cyclohexane	5.58	56	48290	13.509 ug/l	98
36) 1,1-Dichloropropene	5.67	75	16720	5.270 ug/l #	49
38) Carbon Tetrachloride	5.66	117	22450	6.791 ug/l #	17
39) Methylcyclohexane	7.46	83	39399	9.576 ug/l	98
45) 1,2-Dichloropropane	7.45	63	632	0.256 ug/l #	1
48) Methyl methacrylate	7.73	41	2056	0.790 ug/l #	80
51) 4-Methyl-2-Pentanone	8.66	43	881	0.254 ug/l #	56
55) 1,1,2-Trichloroethane	9.16	97	1698	0.646 ug/l #	19
67) Ethyl Benzene	10.25	91	325357	25.770 ug/l	98
68) m/p-Xylenes	10.35	106	370167	76.433 ug/l	100
69) o-Xylene	10.69	106	171132	36.206 ug/l	99
70) Styrene	10.69	104	8611	1.093 ug/l #	1
73) Isopropylbenzene	11.02	105	28211	2.326 ug/l	100
76) 1,2,3-Trichloropropane	11.13	75	86800	26.802 ug/l #	35
78) n-propylbenzene	11.36	91	45202	3.374 ug/l	99
79) 2-Chlorotoluene	11.43	91	23968	2.978 ug/l #	39
80) 1,3,5-Trimethylbenzene	11.51	105	73230	7.227 ug/l	100
81) trans-1,4-Dichloro-2-buten	11.13	75	86800	66.480 ug/l #	11
82) 4-Chlorotoluene	11.51	91	8310	0.887 ug/l #	43
84) 1,2,4-Trimethylbenzene	11.80	105	203212	19.898 ug/l	100
85) sec-Butylbenzene	11.80	105	203212	17.425 ug/l #	55
86) p-Isopropyltoluene	12.02	119	7500	0.696 ug/l	91
89) n-Butylbenzene	12.38	91	7187	0.779 ug/l #	35

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Quant Time: Jul 23 03:43:27 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

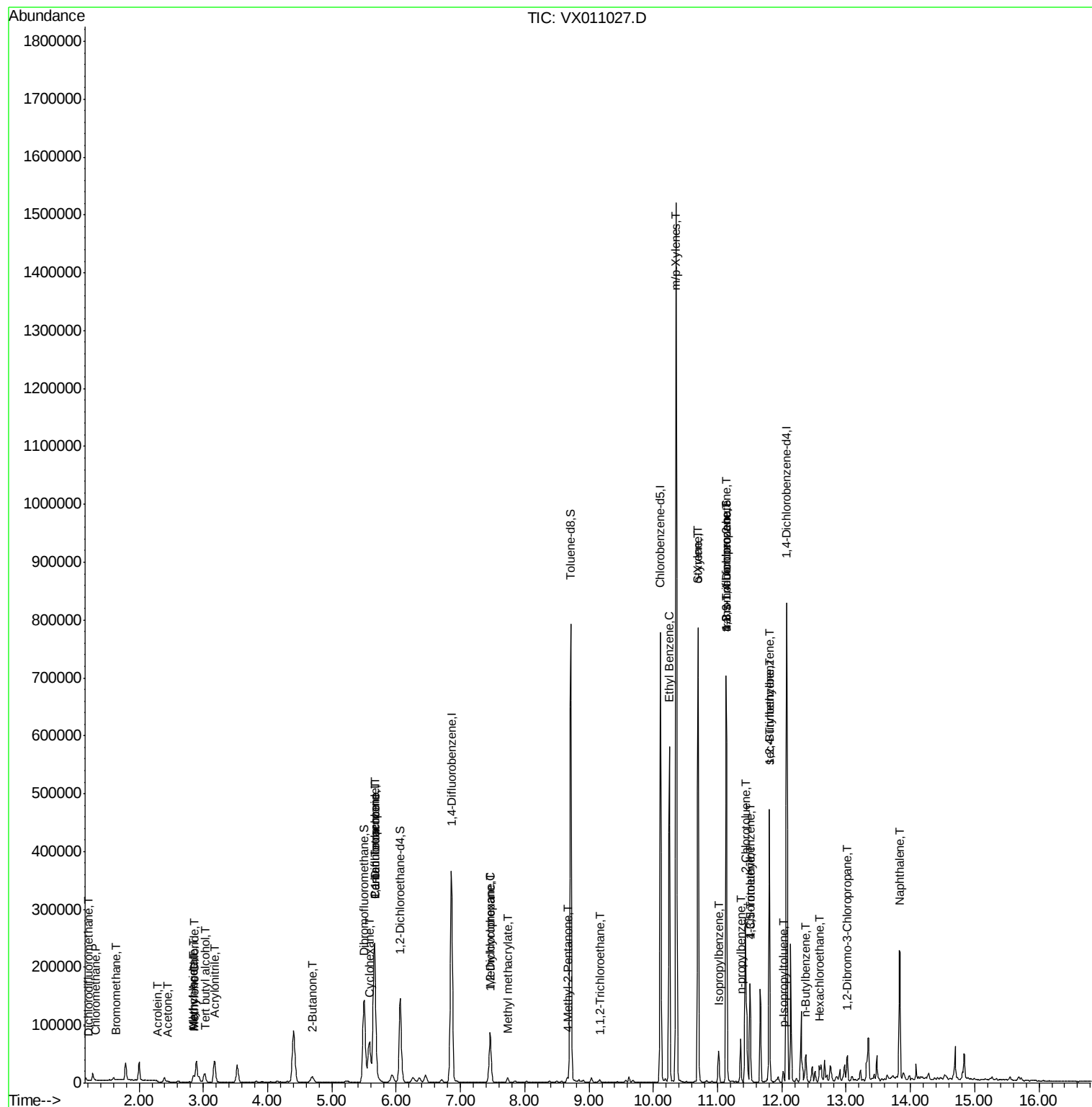
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	12.58	117	1294	0.761	ug/l #	6
92) 1,2-Dibromo-3-Chloropropan	13.02	75	177	0.213	ug/l #	1
95) Naphthalene	13.83	128	143913	12.500	ug/l	99

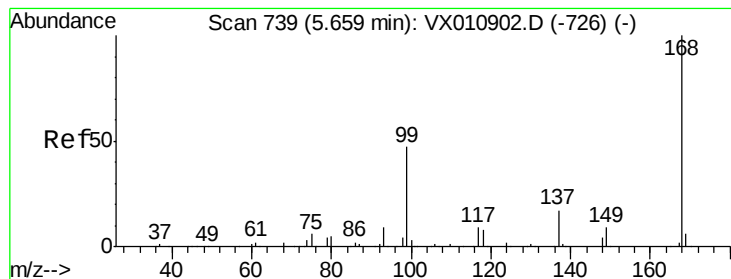
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX011027.D

Acq: 22 Jul 2019 13:53

Instrument :

MSVOA_X

ClientSampleID :

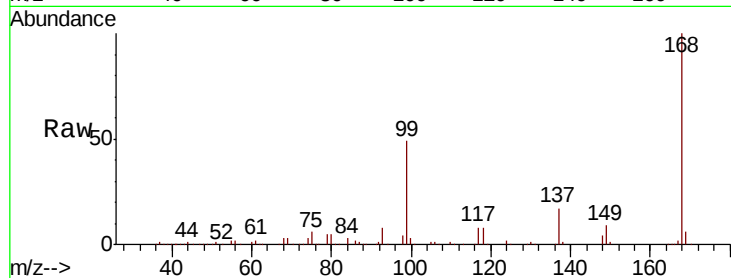
FL-0616DL

Tot Ion:168 Resp: 247470

Ion Ratio Lower Upper

168 100

99 49.0 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

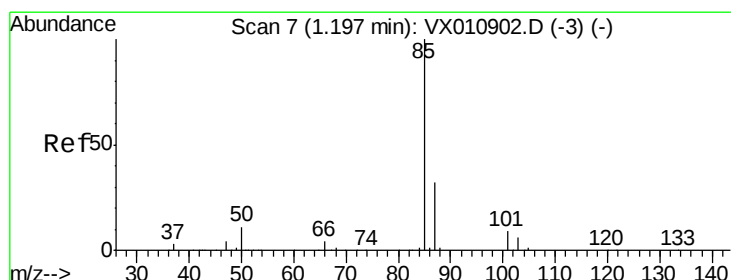
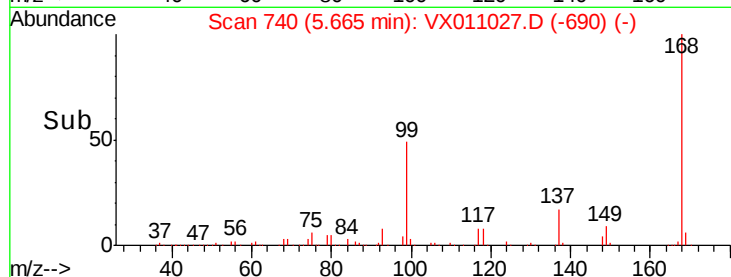
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#2

Dichlorodifluoromethane

Concen: 0.564 ug/l

RT: 1.21 min Scan# 10

Delta R.T. 0.02 min

Lab File: VX011027.D

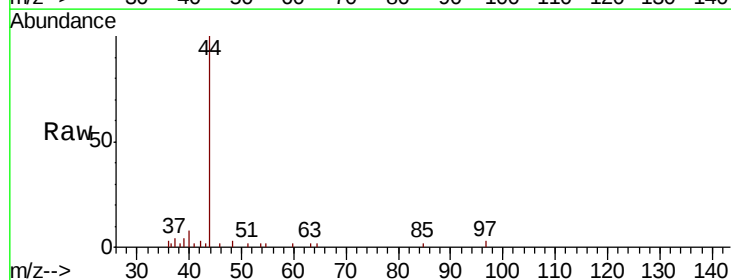
Acq: 22 Jul 2019 13:53

Tgt Ion: 85 Resp: 46

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

1.21

60

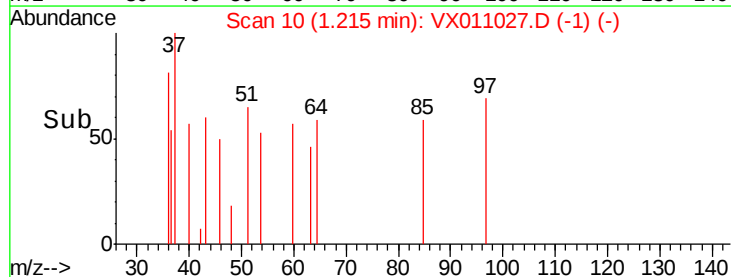
40

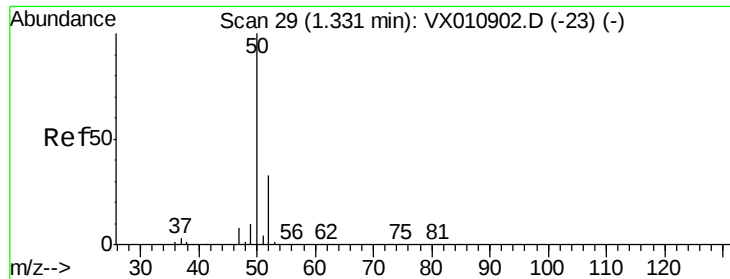
20

0

Time-->

1.20 1.22





#3

Chloromethane

Concen: 0.232 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX011027.D

Acq: 22 Jul 2019 13:53

Instrument :

MSVOA_X

ClientSampleId :

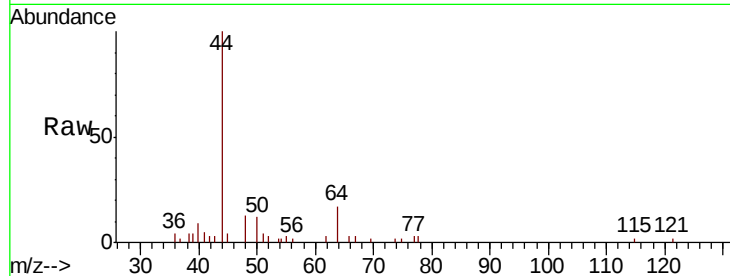
FL-0616DL

Tot Ion: 50 Resp: 527

Ion Ratio Lower Upper

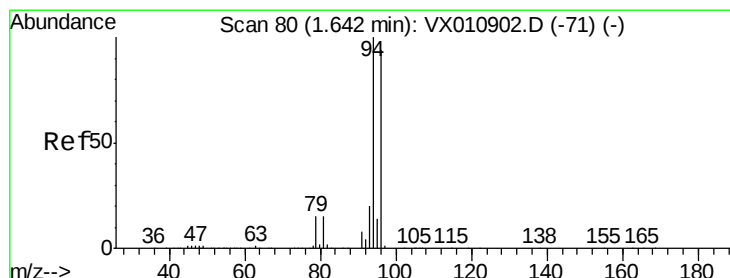
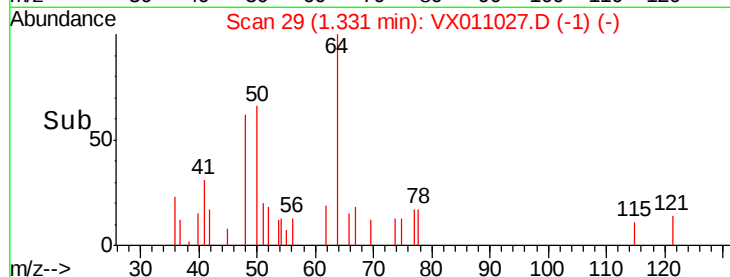
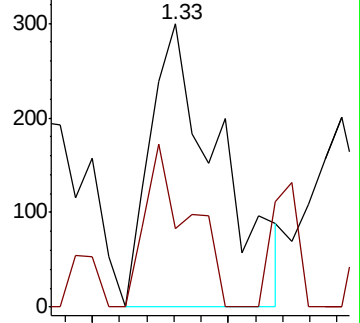
50 100

52 27.8 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#5

Bromomethane

Concen: 0.532 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX011027.D

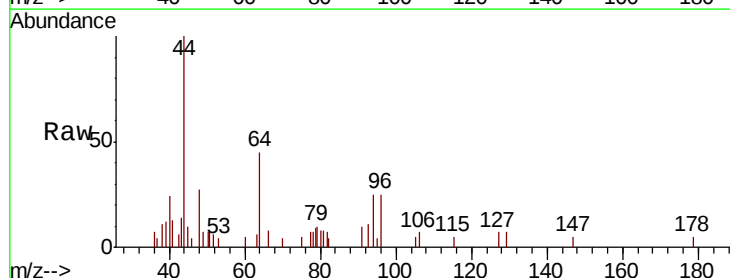
Acq: 22 Jul 2019 13:53

Tgt Ion: 94 Resp: 696

Ion Ratio Lower Upper

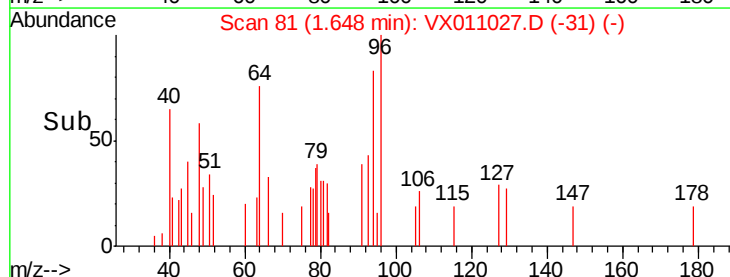
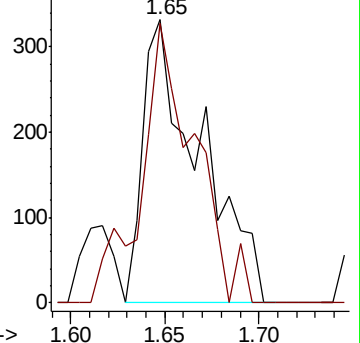
94 100

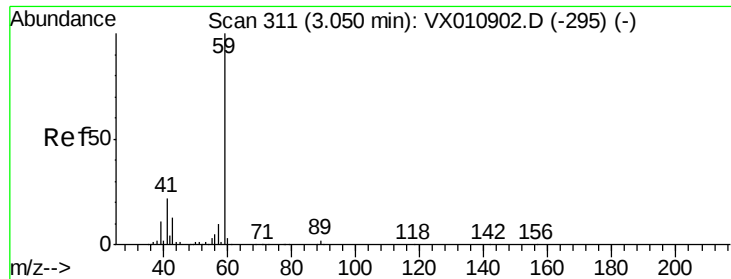
96 98.5 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

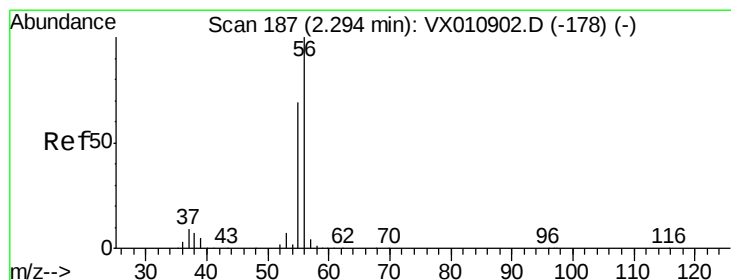
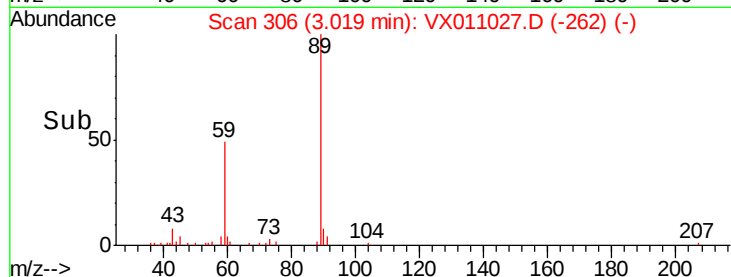
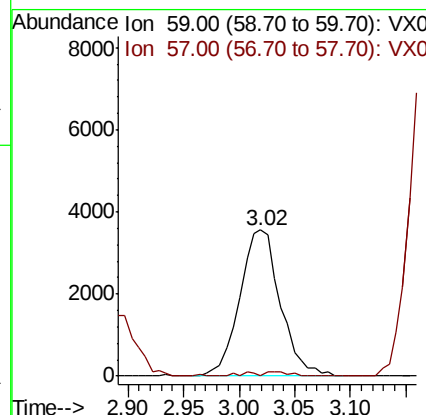
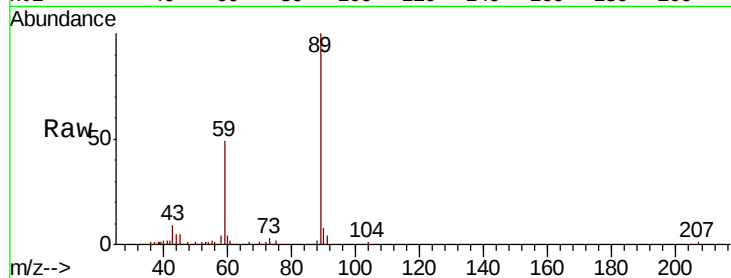




#11
Tert butyl alcohol
Concen: 14.658 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.03 min
Lab File: VX011027.D
Acq: 22 Jul 2019 13:53

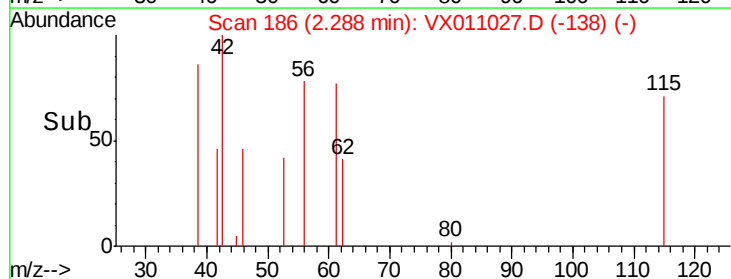
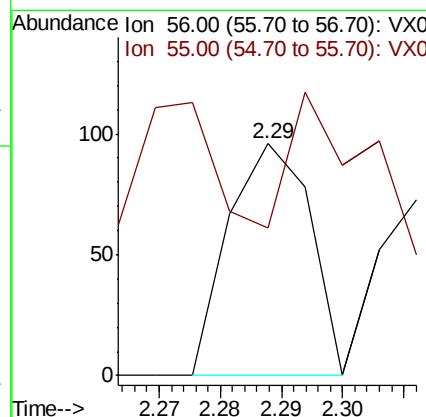
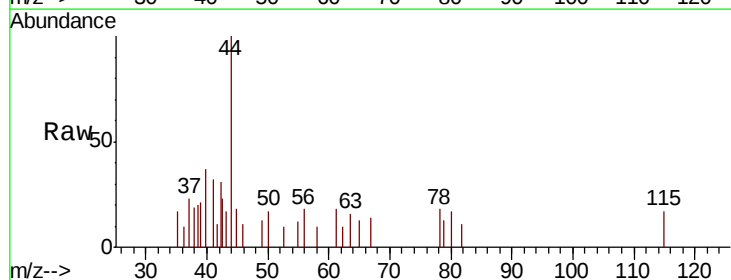
Instrument :
MSVOA_X
ClientSampleId :
FL-0616DL

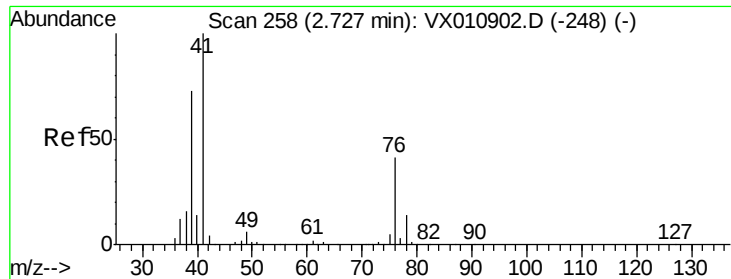
Tot Ion: 59 Resp: 8987
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#



#13
Acrolein
Concen: 0.248 ug/l
RT: 2.29 min Scan# 186
Delta R.T. -0.01 min
Lab File: VX011027.D
Acq: 22 Jul 2019 13:53

Tgt Ion: 56 Resp: 88
Ion Ratio Lower Upper
56 100
55 146.6 55.9 83.9#





#14

Allvl chloride

Concen: 0.926 ug/l

RT: 2.84 min Scan# 277

Delta R.T. 0.12 min

Lab File: VX011027.D

Acq: 22 Jul 2019 13:53

Instrument :

MSVOA_X

ClientSampleId :

FL-0616DL

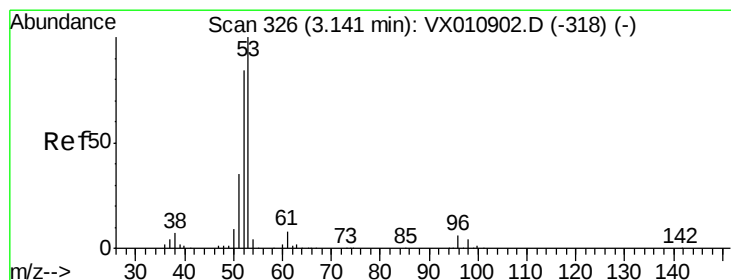
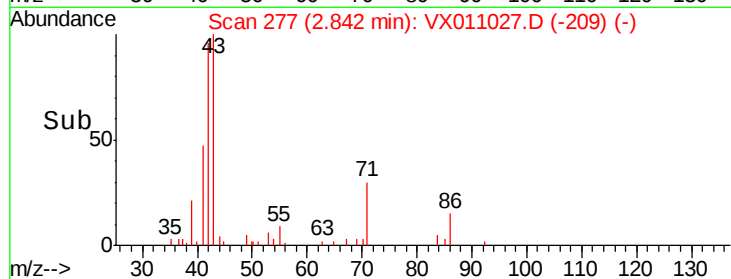
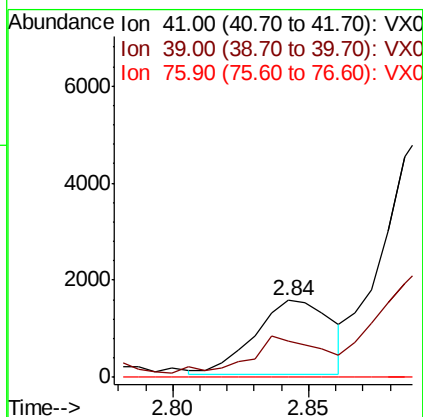
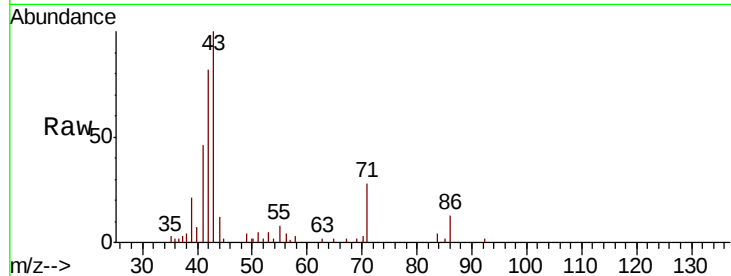
Tot Ion: 41 Resp: 2964

Ion Ratio Lower Upper

41 100

39 44.8 53.6 80.4#

76 0.0 29.7 44.5#



#15

Acrylonitrile

Concen: 1.005 ug/l

RT: 3.18 min Scan# 333

Delta R.T. 0.04 min

Lab File: VX011027.D

Acq: 22 Jul 2019 13:53

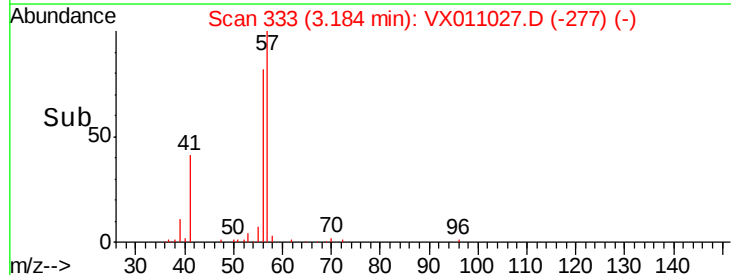
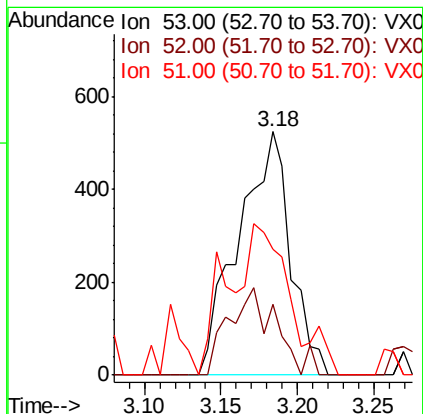
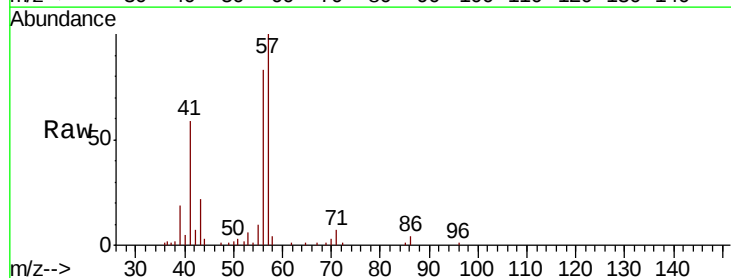
Tgt Ion: 53 Resp: 1245

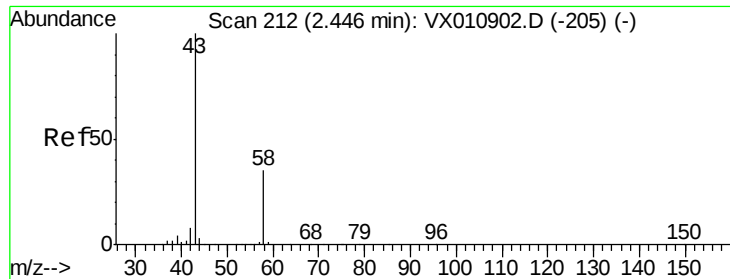
Ion Ratio Lower Upper

53 100

52 32.8 66.5 99.7#

51 52.9 28.2 42.4#





#16

Acetone

Concen: 1.666 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX011027.D

Acq: 22 Jul 2019 13:53

Instrument :

MSVOA_X

ClientSampled :

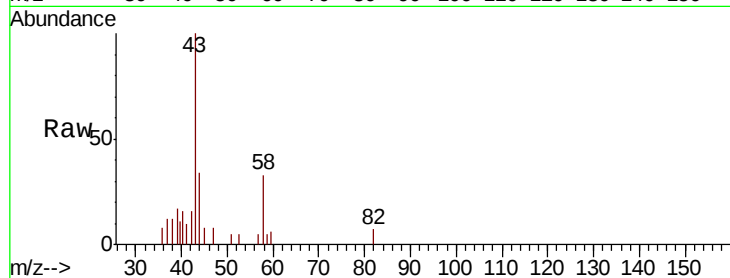
FL-0616DL

Tot Ion: 43 Resp: 1981

Ion Ratio Lower Upper

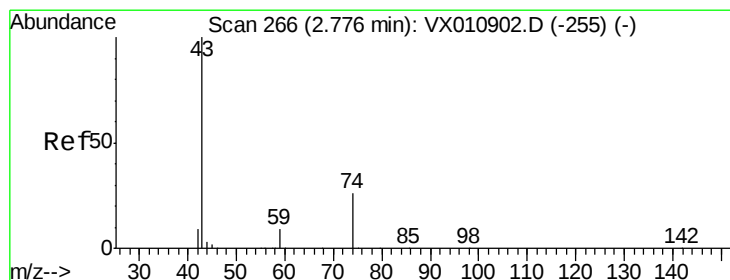
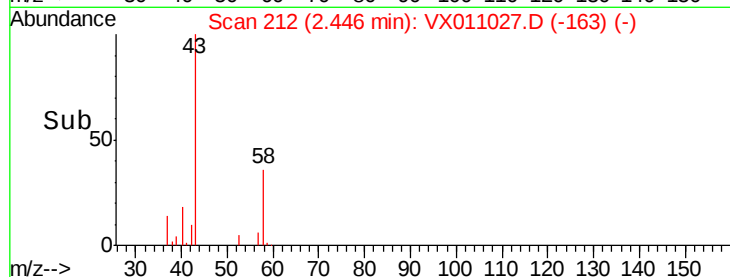
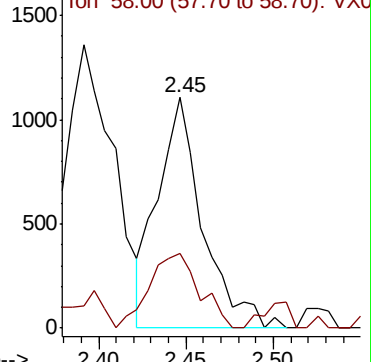
43 100

58 24.4 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: 2.528 ug/l

RT: 2.84 min Scan# 277

Delta R.T. 0.07 min

Lab File: VX011027.D

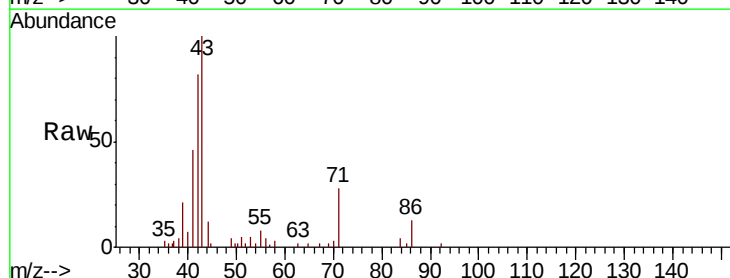
Acq: 22 Jul 2019 13:53

Tgt Ion: 43 Resp: 6844

Ion Ratio Lower Upper

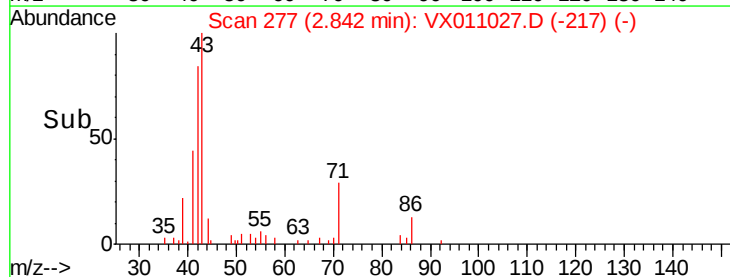
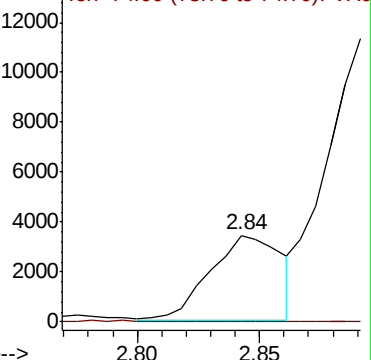
43 100

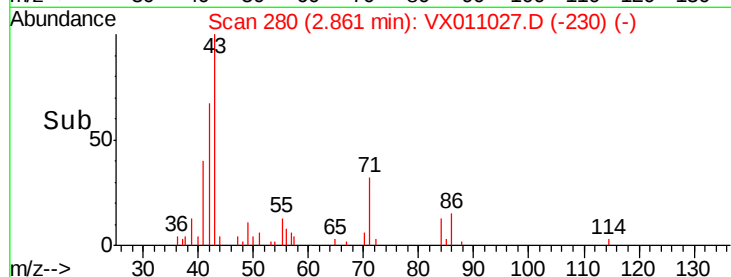
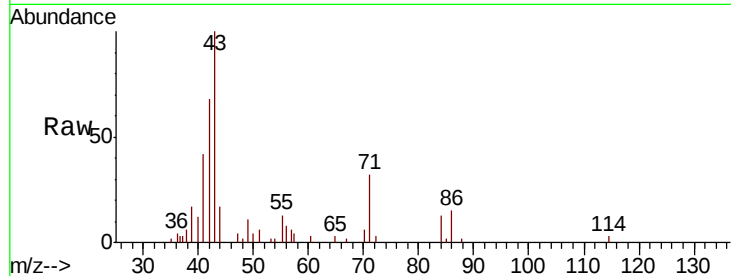
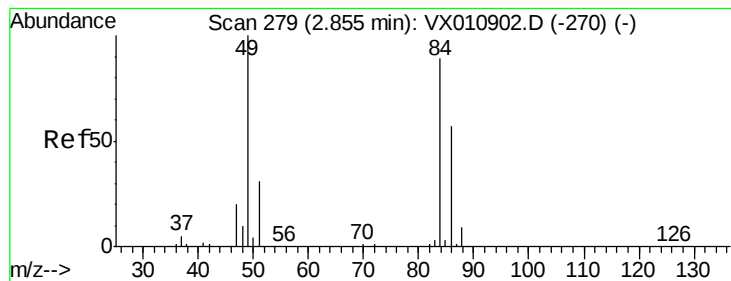
74 0.0 21.5 32.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#20

Methylene Chloride

Concen: 0.231 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.01 min

Lab File: VX011027.D

Acq: 22 Jul 2019 13:53

Instrument :

MSVOA_X

ClientSampled :

FL-0616DL

Tot Ion: 84 Resp: 581

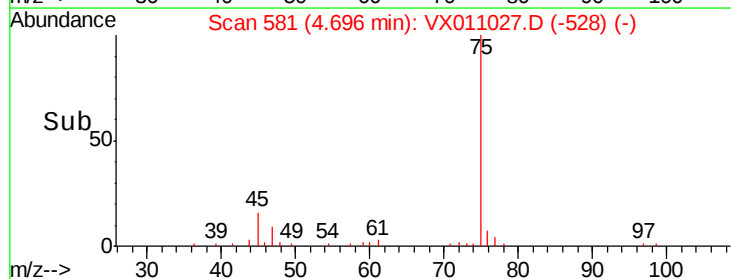
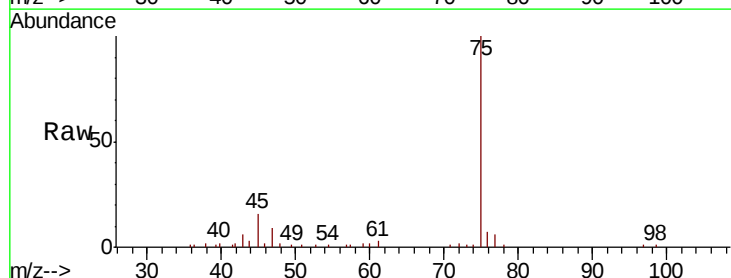
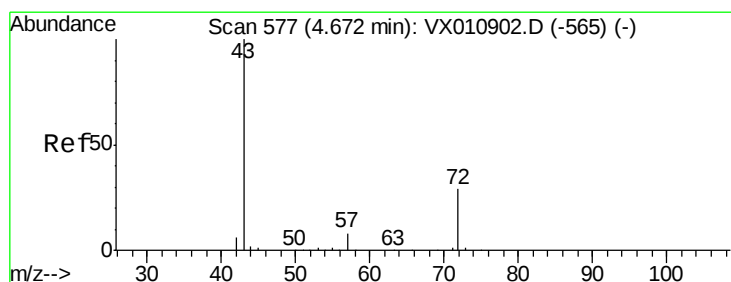
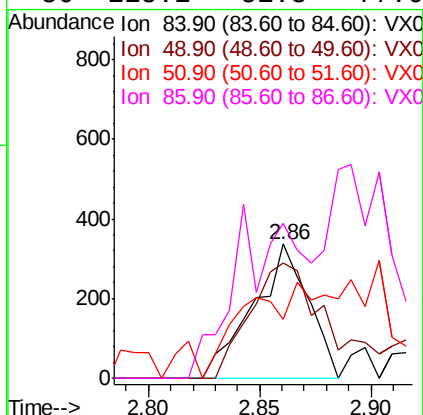
Ion Ratio Lower Upper

84 100

49 85.5 89.9 134.9#

51 15.7 27.8 41.6#

86 115.1 51.8 77.6#



#25

2-Butanone

Concen: 0.844 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.02 min

Lab File: VX011027.D

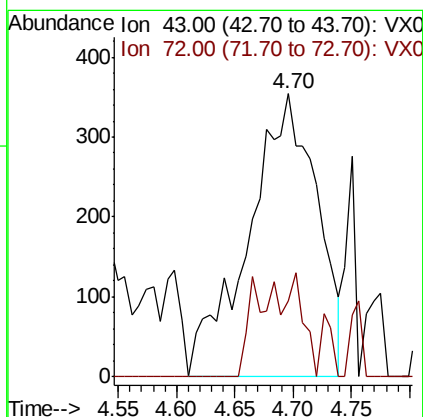
Acq: 22 Jul 2019 13:53

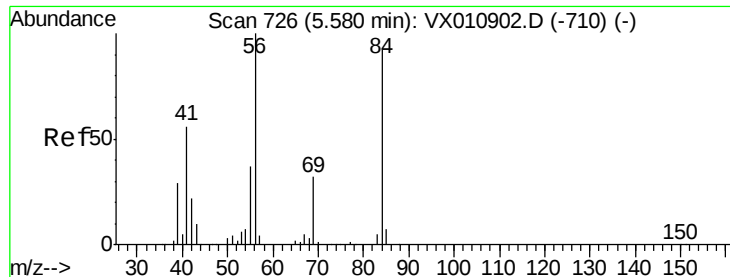
Tgt Ion: 43 Resp: 1441

Ion Ratio Lower Upper

43 100

72 18.2 23.0 34.6#

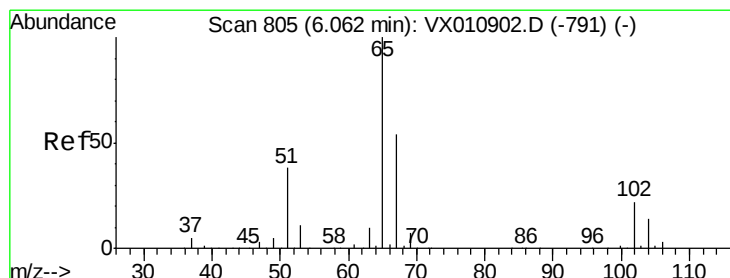
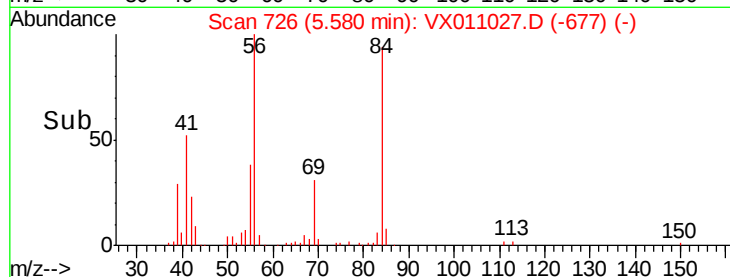
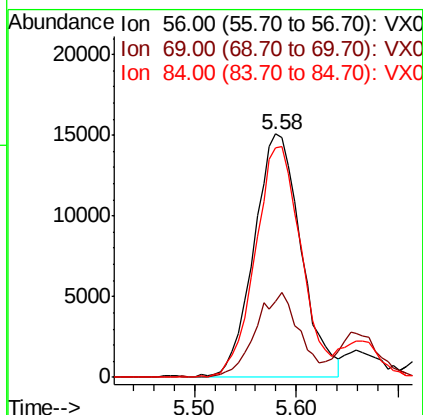
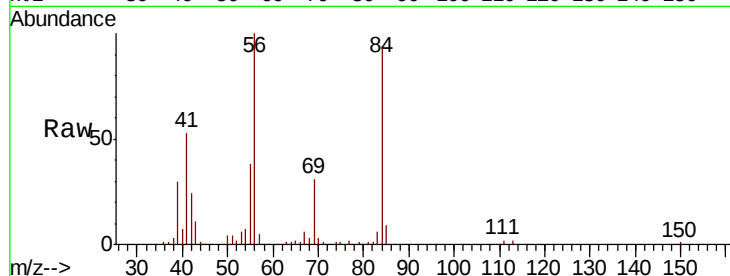




#31
Cyclohexane
Concen: 13.509 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX011027.D
Acq: 22 Jul 2019 13:53

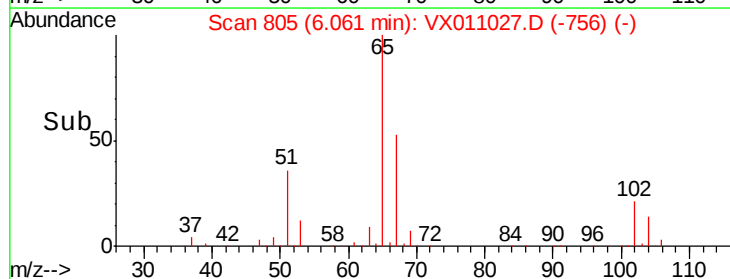
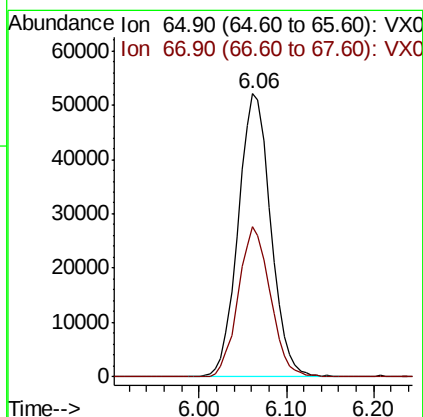
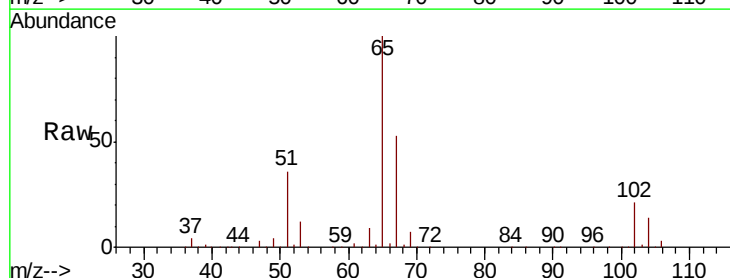
Instrument :
MSVOA_X
ClientSampleId :
FL-0616DL

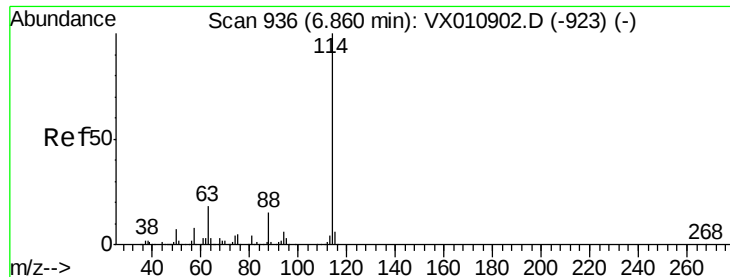
Tot Ion: 56 Resp: 48290
Ion Ratio Lower Upper
56 100
69 30.6 25.8 38.8
84 94.4 73.8 110.6



#33
1,2-Dichloroethane-d4
Concen: 51.269 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX011027.D
Acq: 22 Jul 2019 13:53

Tgt Ion: 65 Resp: 134975
Ion Ratio Lower Upper
65 100
67 52.3 0.0 107.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX011027.D

Acq: 22 Jul 2019 13:53

Instrument :

MSVOA_X

ClientSampleId :

FL-0616DL

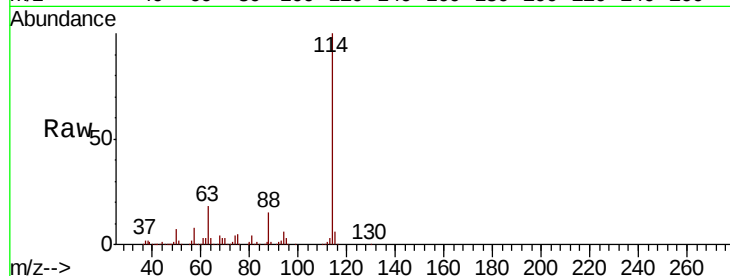
Tot Ion:114 Resp: 386247

Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.6

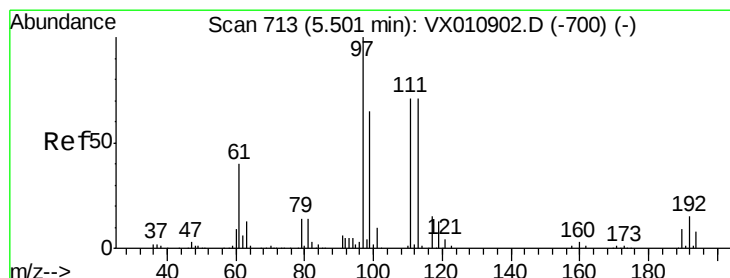
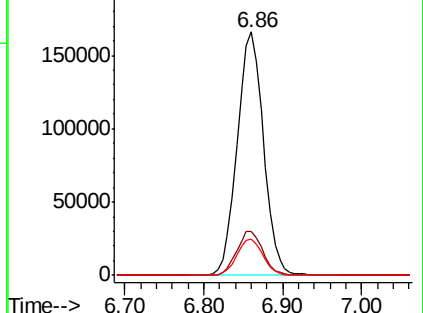
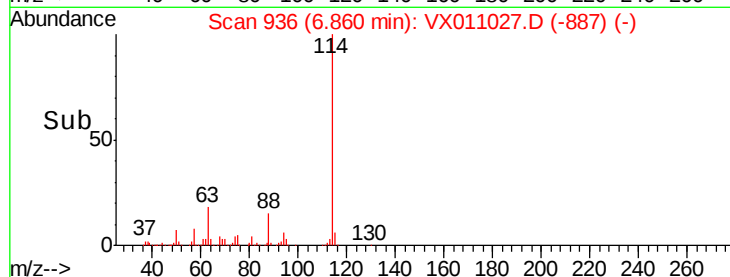
88 14.8 0.0 29.8



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: 49.623 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX011027.D

Acq: 22 Jul 2019 13:53

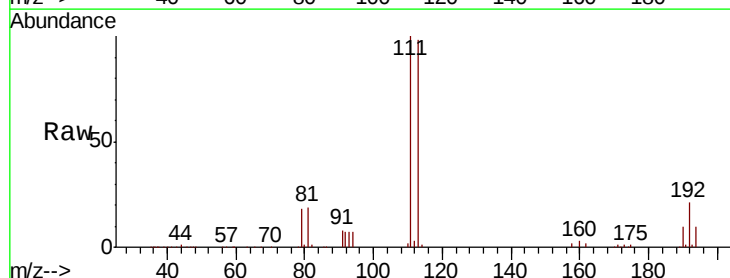
Tgt Ion:113 Resp: 121655

Ion Ratio Lower Upper

113 100

111 101.0 82.3 123.5

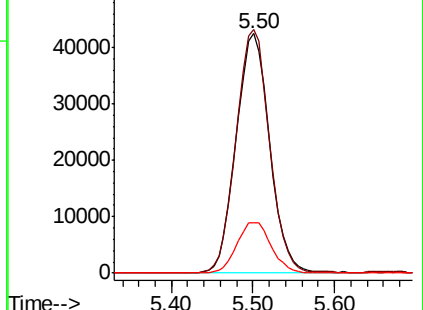
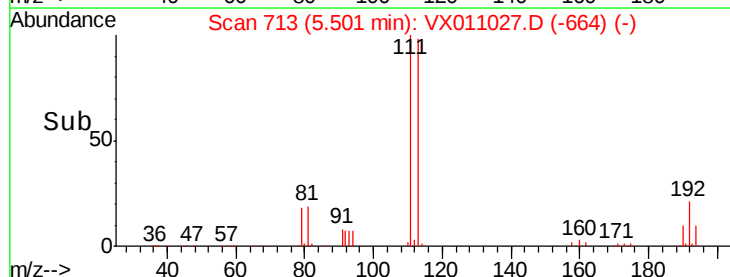
192 21.8 17.4 26.2

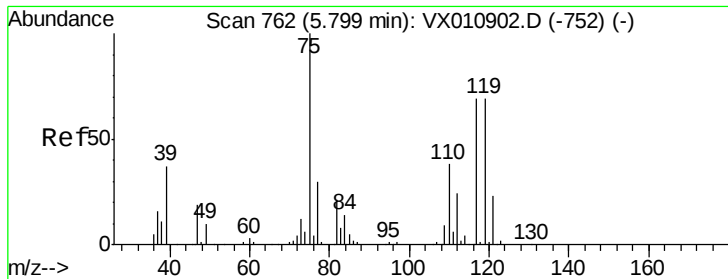


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.270 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX011027.D

Acq: 22 Jul 2019 13:53

Instrument :

MSVOA_X

ClientSampleId :

FL-0616DL

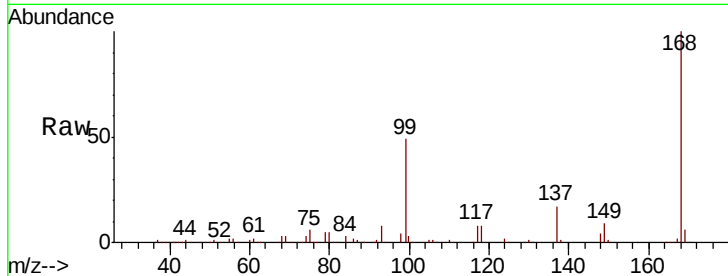
Tot Ion: 75 Resp: 16720

Ion Ratio Lower Upper

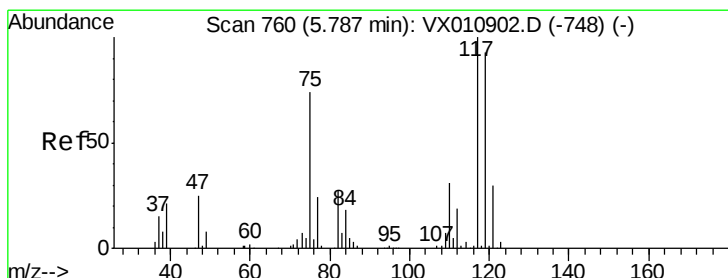
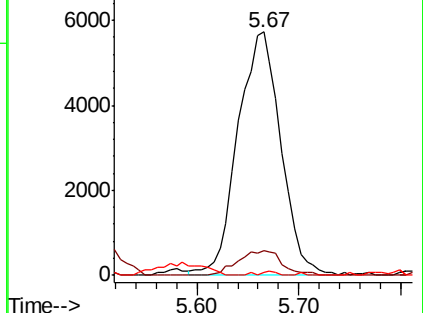
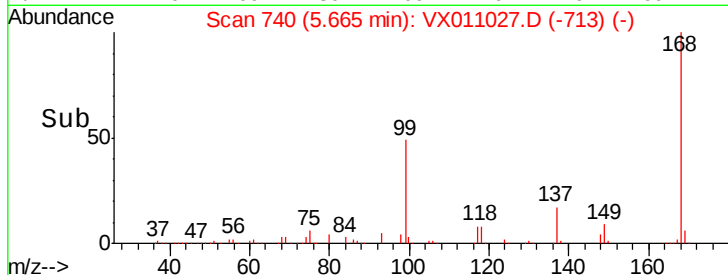
75 100

110 10.5 19.9 59.7#

77 0.7 25.0 37.4#



Abundance Ion 74.90 (74.60 to 75.60): VX011027.D (-713) (-)



#38

Carbon Tetrachloride

Concen: 6.791 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.13 min

Lab File: VX011027.D

Acq: 22 Jul 2019 13:53

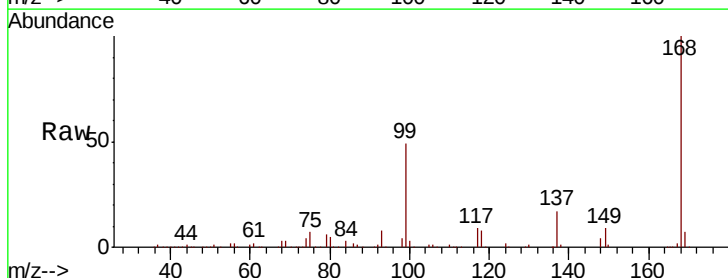
Tgt Ion: 117 Resp: 22450

Ion Ratio Lower Upper

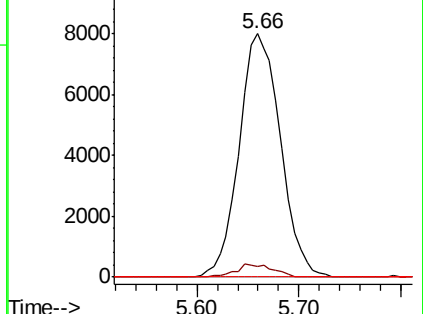
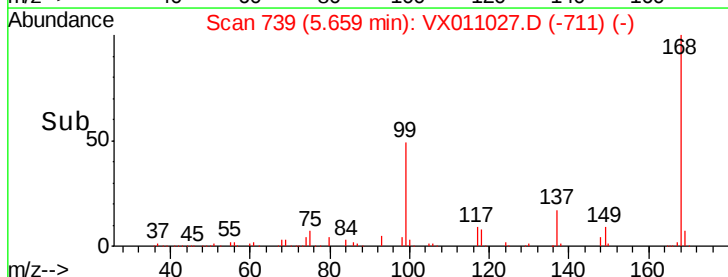
117 100

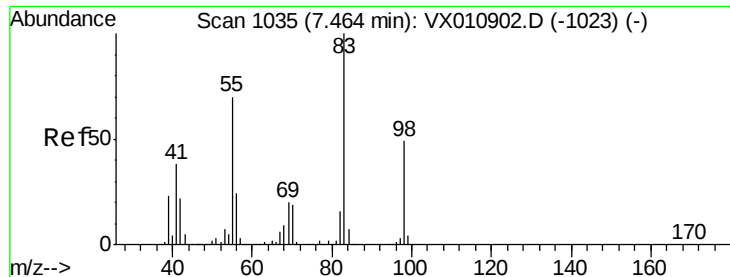
119 4.6 74.2 111.2#

121 0.0 24.2 36.2#



Abundance Ion 116.80 (116.50 to 117.50): VX011027.D (-711) (-)

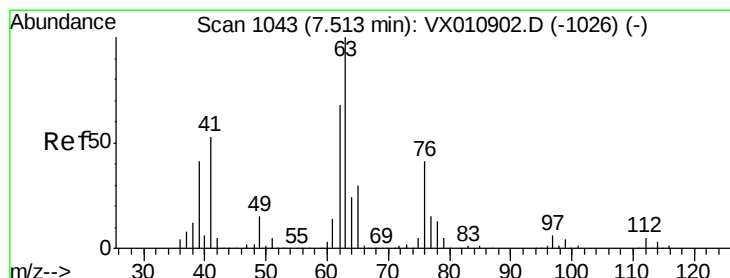
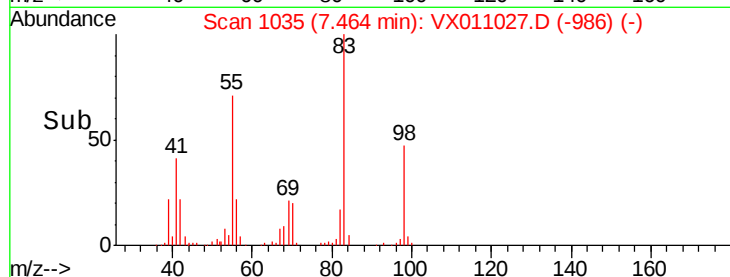
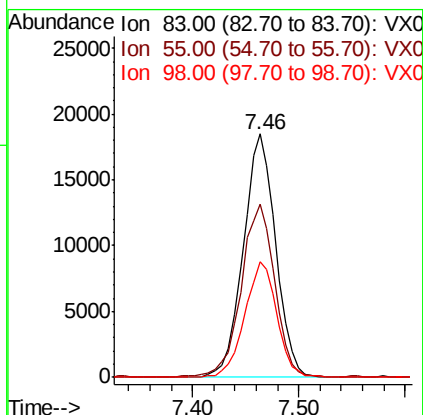
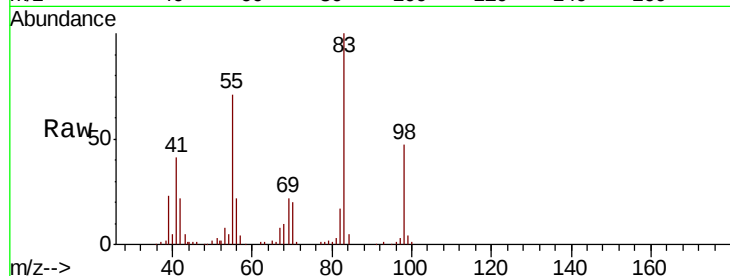




#39
Methvlcvclohexane
Concen: 9.576 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX011027.D
Acq: 22 Jul 2019 13:53

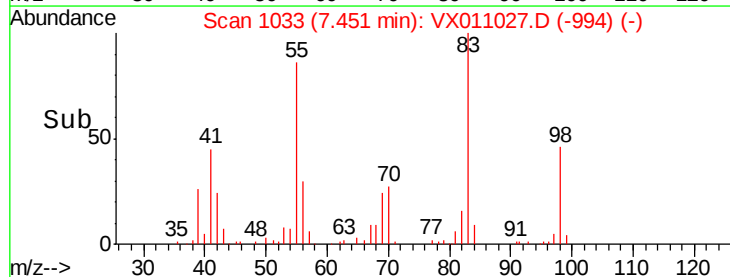
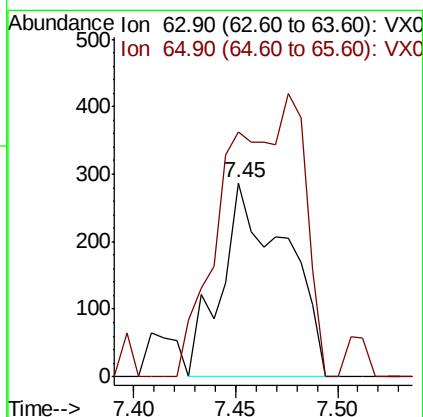
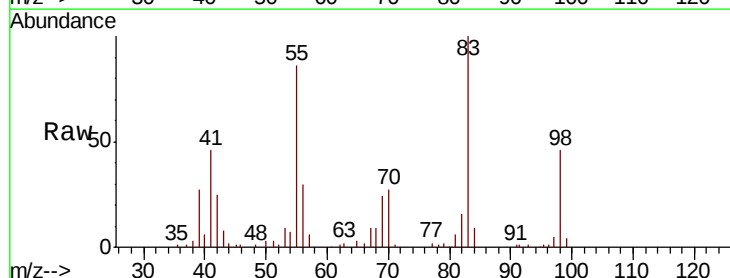
Instrument :
MSVOA_X
ClientSampleId :
FL-0616DL

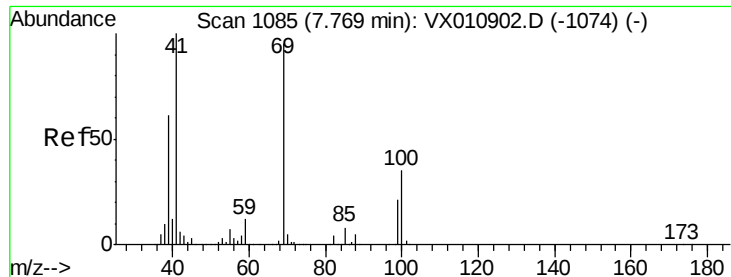
Tot Ion: 83 Resp: 39399
Ion Ratio Lower Upper
83 100
55 71.2 56.2 84.4
98 47.2 39.0 58.4



#45
1,2-Dichloropropane
Concen: 0.256 ug/l
RT: 7.45 min Scan# 1033
Delta R.T. -0.06 min
Lab File: VX011027.D
Acq: 22 Jul 2019 13:53

Tgt Ion: 63 Resp: 632
Ion Ratio Lower Upper
63 100
65 126.1 24.4 36.6#





#48

Methvl methacrylate

Concen: 0.790 ug/l

RT: 7.73 min Scan# 1078

Delta R.T. -0.04 min

Lab File: VX011027.D

Acq: 22 Jul 2019 13:53

Instrument :

MSVOA_X

ClientSampled :

FL-0616DL

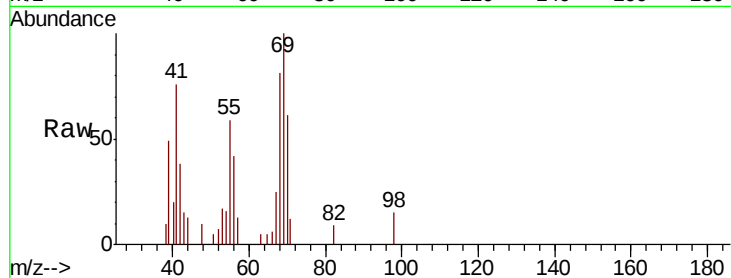
Tot Ion: 41 Resp: 2056

Ion Ratio Lower Upper

41 100

69 123.2 74.4 111.6#

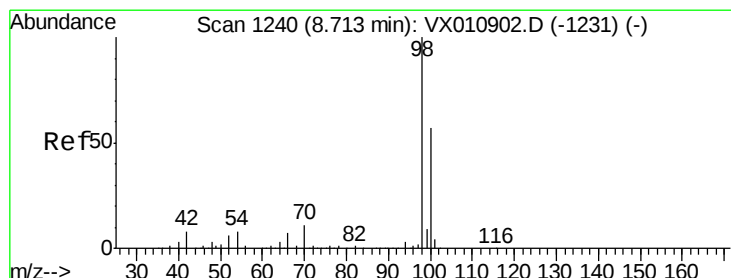
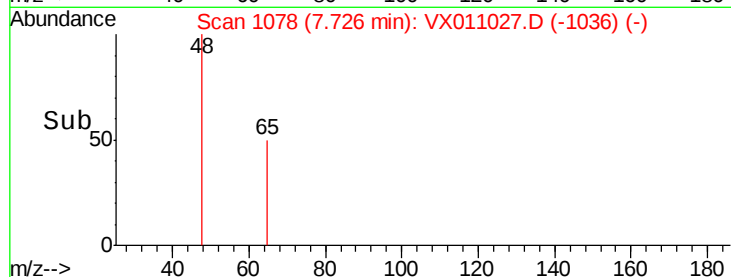
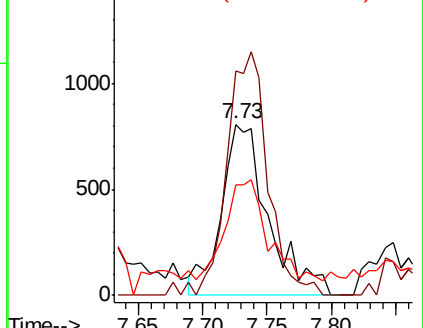
39 58.4 48.9 73.3



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: 50.690 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX011027.D

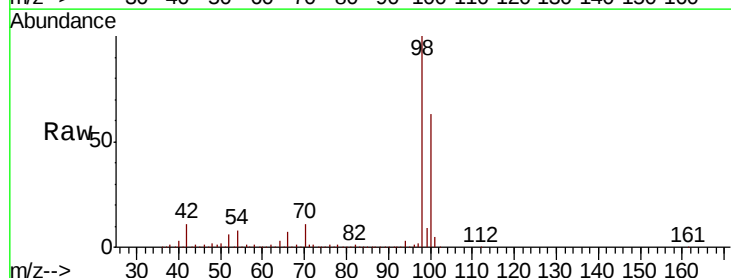
Acq: 22 Jul 2019 13:53

Tgt Ion: 98 Resp: 466094

Ion Ratio Lower Upper

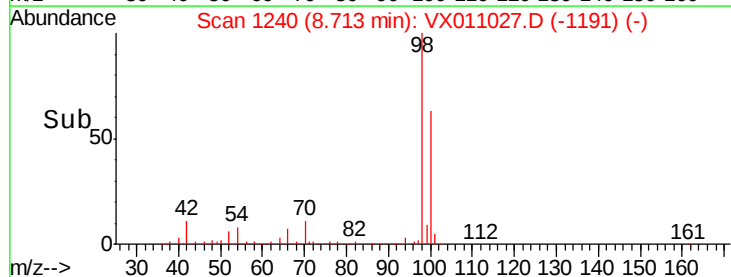
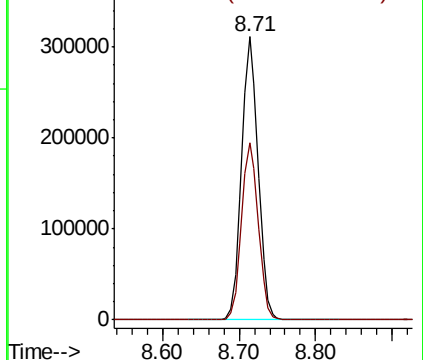
98 100

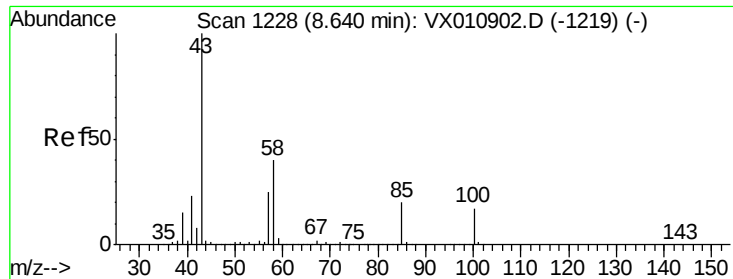
100 63.5 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

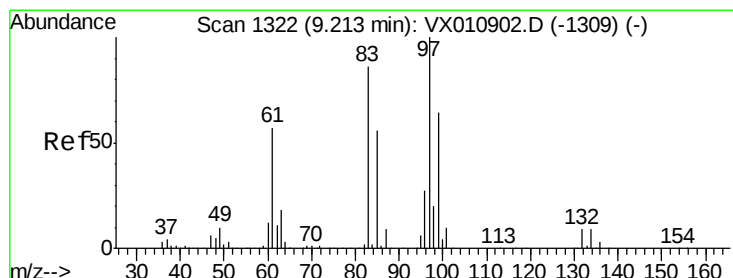
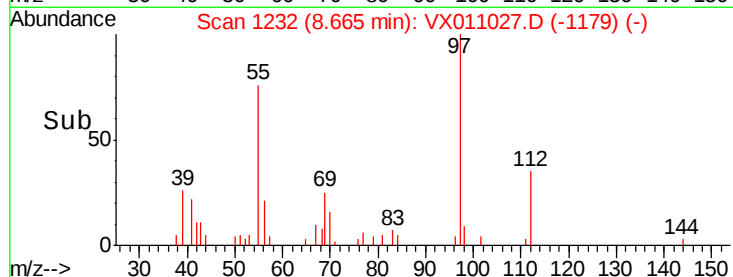
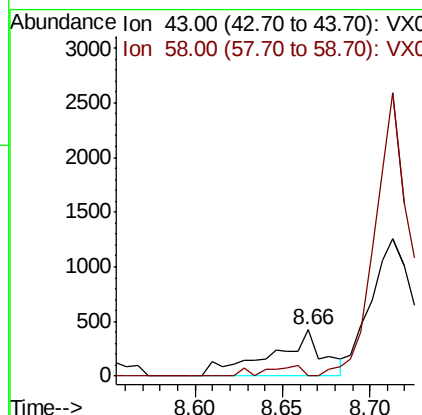
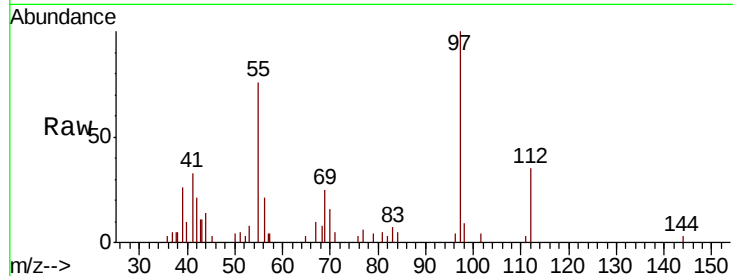




#51
 4-Methyl-2-Pentanone
 Concen: 0.254 ug/l
 RT: 8.66 min Scan# 1232
 Delta R.T. 0.02 min
 Lab File: VX011027.D
 Acq: 22 Jul 2019 13:53

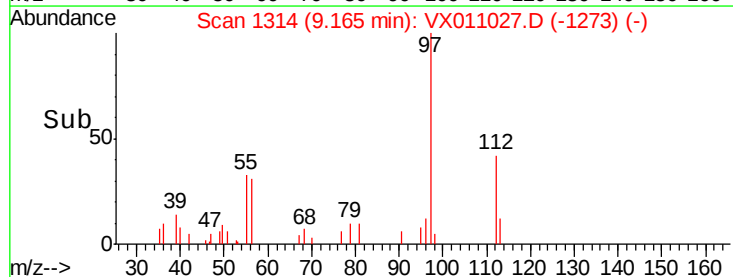
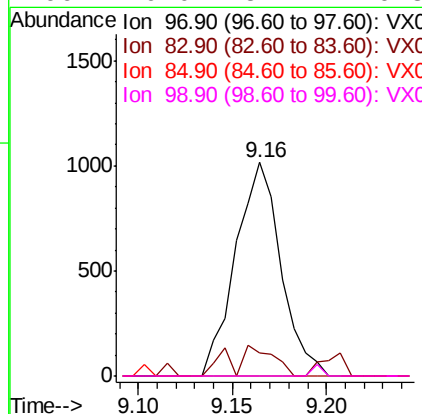
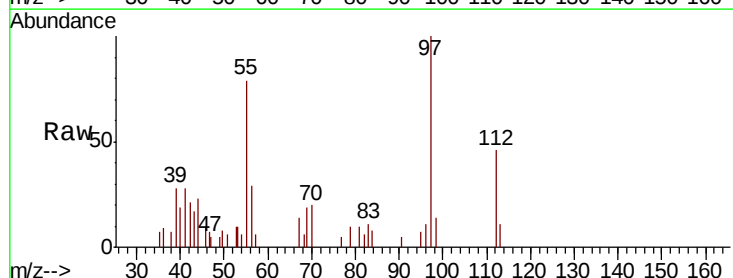
Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0616DL

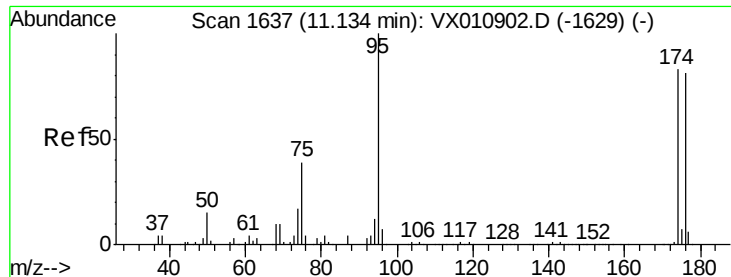
Tot Ion: 43 Resp: 881
 Ion Ratio Lower Upper
 43 100
 58 12.7 32.2 48.4#



#55
 1,1,2-Trichloroethane
 Concen: 0.646 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.05 min
 Lab File: VX011027.D
 Acq: 22 Jul 2019 13:53

Tgt Ion: 97 Resp: 1698
 Ion Ratio Lower Upper
 97 100
 83 10.8 69.2 103.8#
 85 0.0 44.6 66.8#
 99 0.0 51.2 76.8#





#62

4-Bromofluorobenzene

Concen: 52.051 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011027.D

Acq: 22 Jul 2019 13:53

Instrument :

MSVOA_X

ClientSampleId :

FL-0616DL

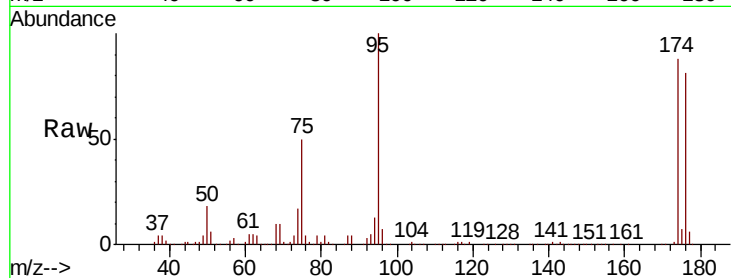
Tot Ion: 95 Resp: 175923

Ion Ratio Lower Upper

95 100

174 89.0 0.0 180.6

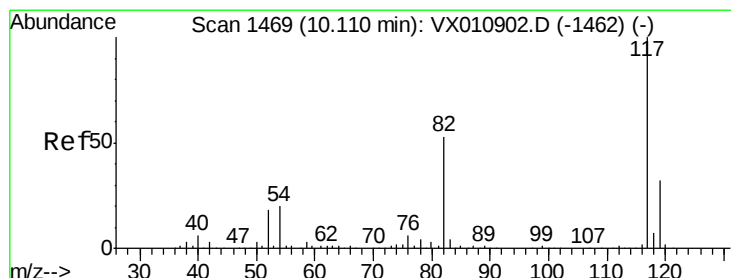
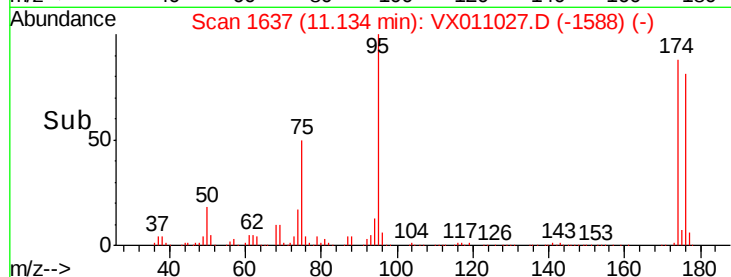
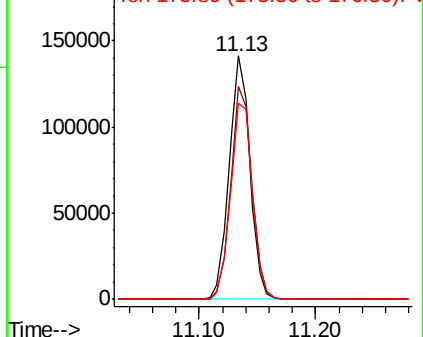
176 85.4 0.0 173.8



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: VX011027.D

Acq: 22 Jul 2019 13:53

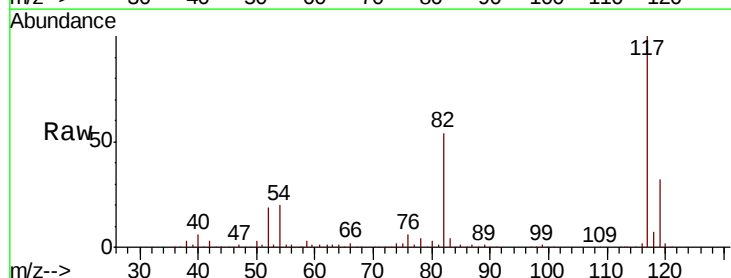
Tgt Ion: 117 Resp: 361141

Ion Ratio Lower Upper

117 100

82 53.8 42.6 63.8

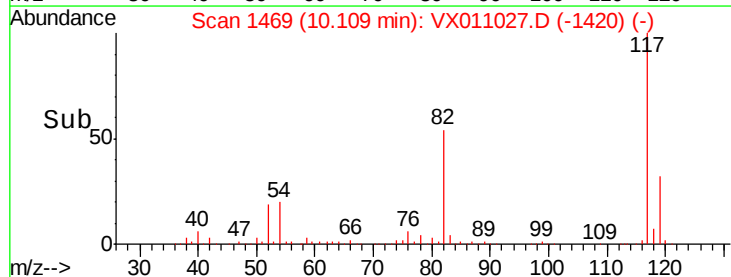
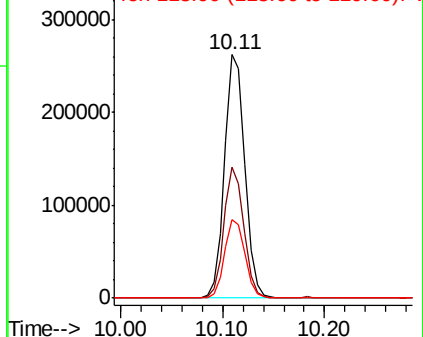
119 32.3 25.9 38.9

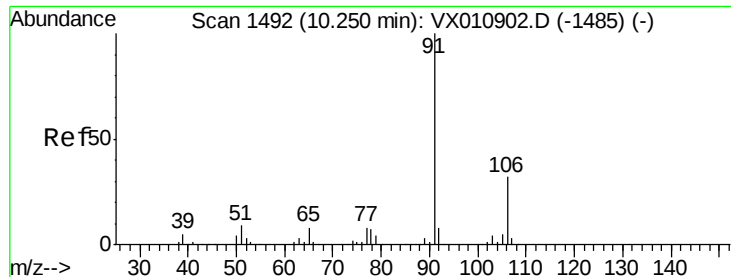


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

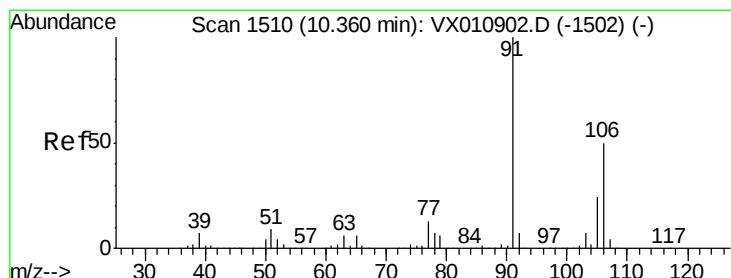
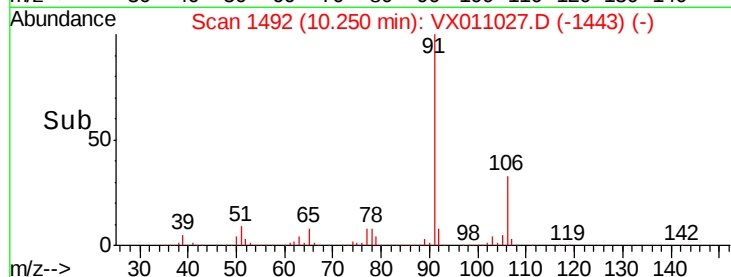
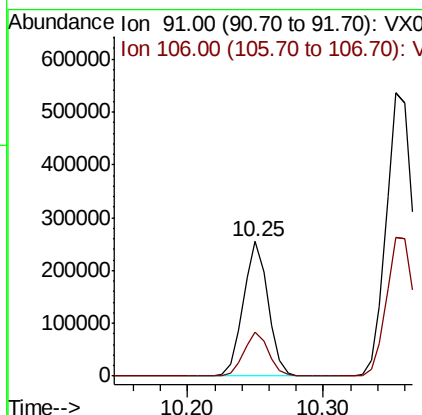
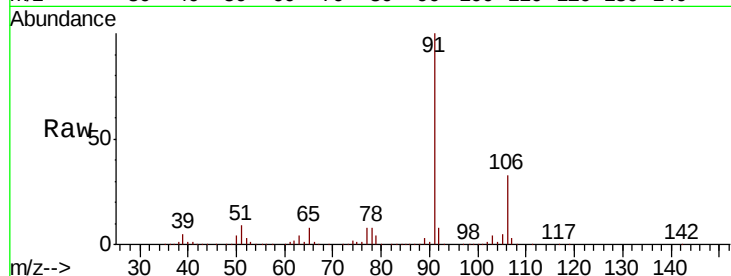




#67
Ethyl Benzene
Concen: 25.770 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX011027.D
Acq: 22 Jul 2019 13:53

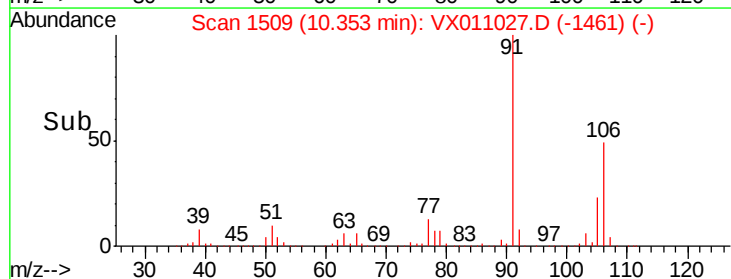
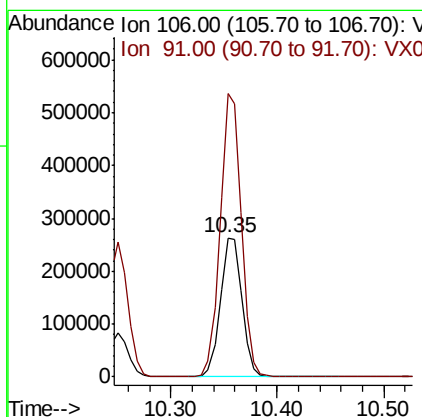
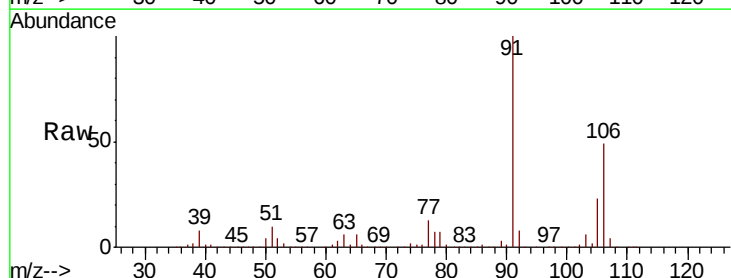
Instrument :
MSVOA_X
ClientSampled :
FL-0616DL

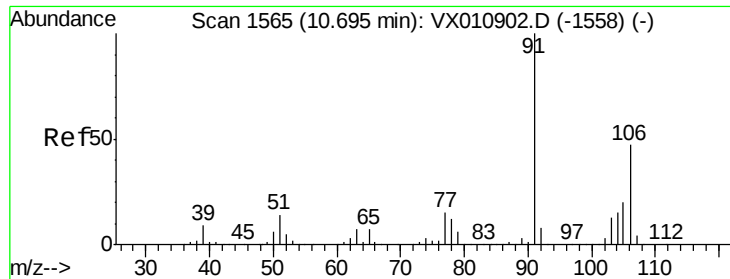
Tot Ion: 91 Resp: 325357
Ion Ratio Lower Upper
91 100
106 32.9 25.4 38.2



#68
m/p-Xylenes
Concen: 76.433 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX011027.D
Acq: 22 Jul 2019 13:53

Tgt Ion: 106 Resp: 370167
Ion Ratio Lower Upper
106 100
91 199.7 160.1 240.1

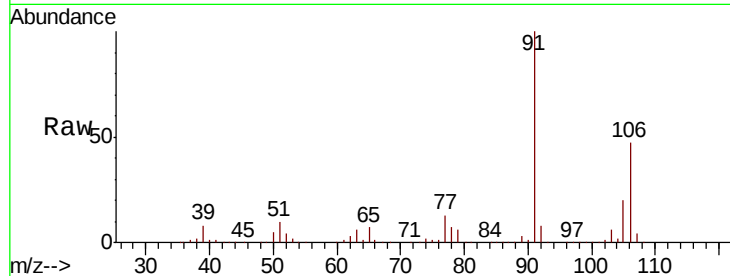




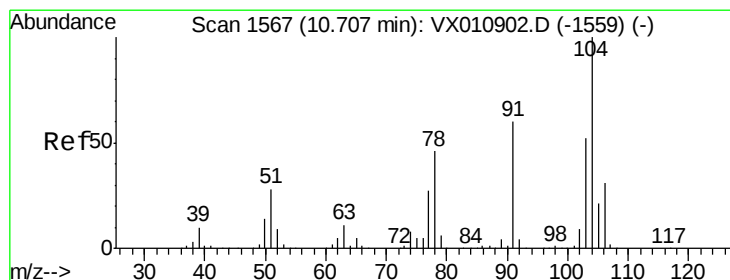
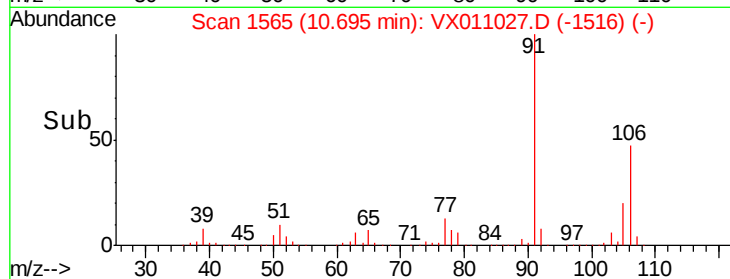
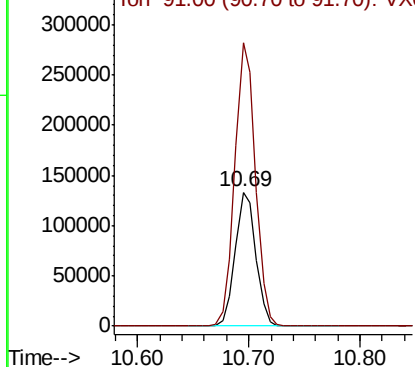
#69
o-Xylene
Concen: 36.206 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX011027.D
Acq: 22 Jul 2019 13:53

Instrument :
MSVOA_X
ClientSampleId :
FL-0616DL

Tot Ion:106 Resp: 171132
Ion Ratio Lower Upper
106 100
91 211.6 105.1 315.3

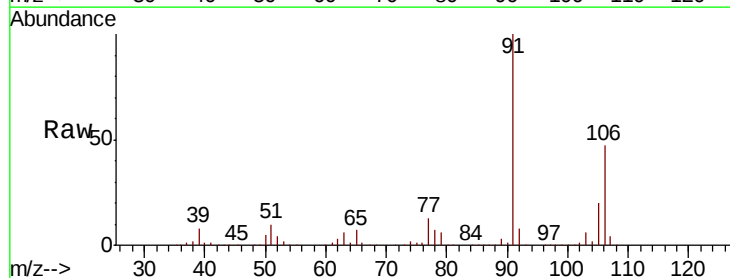


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

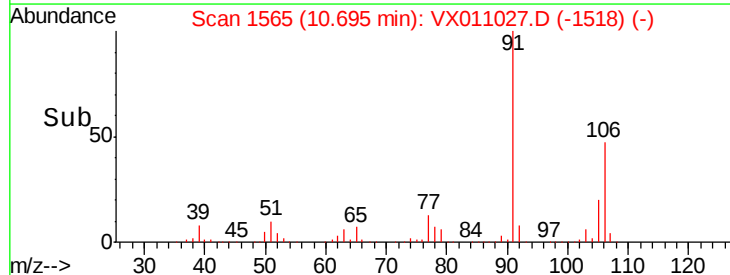
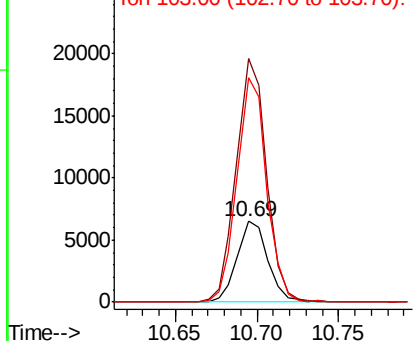


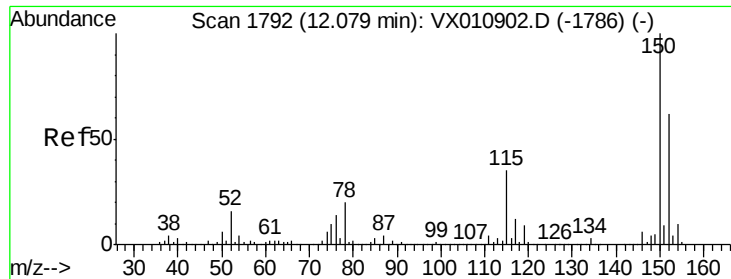
#70
Styrene
Concen: 1.093 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX011027.D
Acq: 22 Jul 2019 13:53

Tgt Ion:104 Resp: 8611
Ion Ratio Lower Upper
104 100
78 296.1 38.8 58.2#
103 266.8 44.2 66.4#



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V



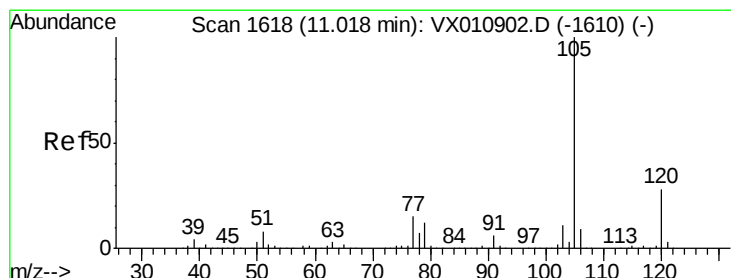
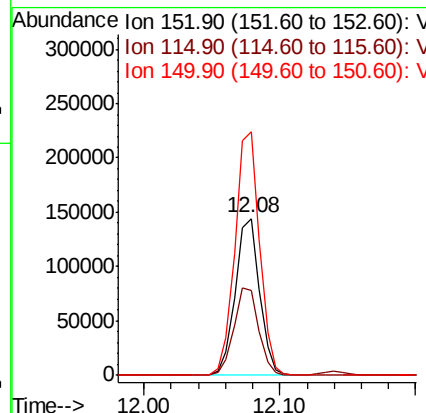
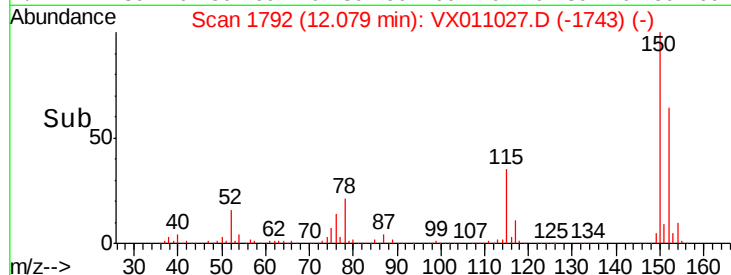
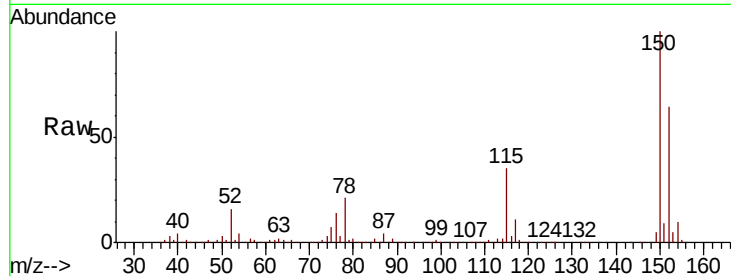


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX011027.D
Acq: 22 Jul 2019 13:53

Instrument :
MSVOA_X
ClientSampleId :
FL-0616DL

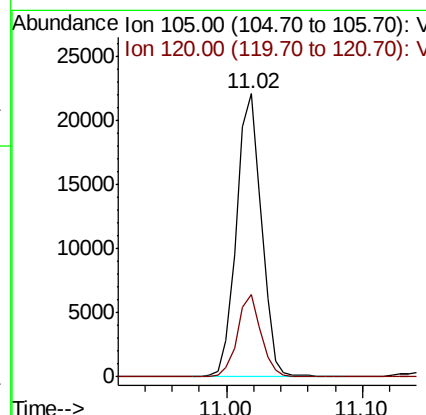
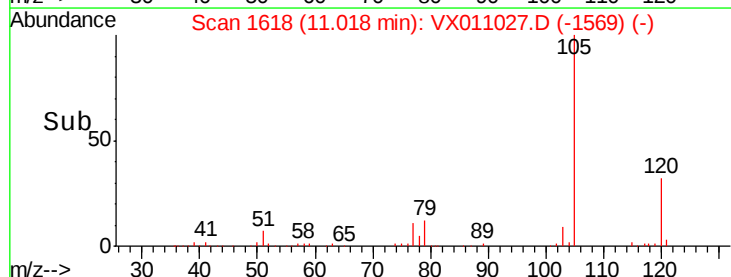
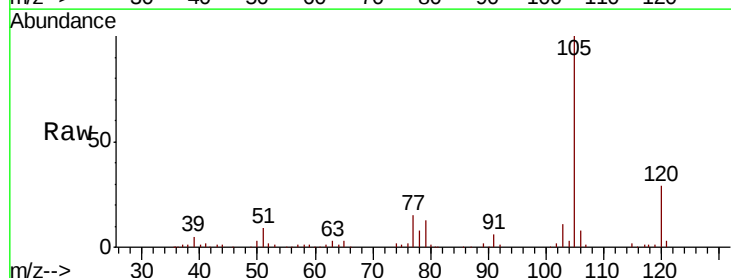
Tot Ion:152 Resp: 179463
Ion Ratio Lower Upper
152 100
115 56.7 39.7 119.1
150 156.7 0.0 345.6

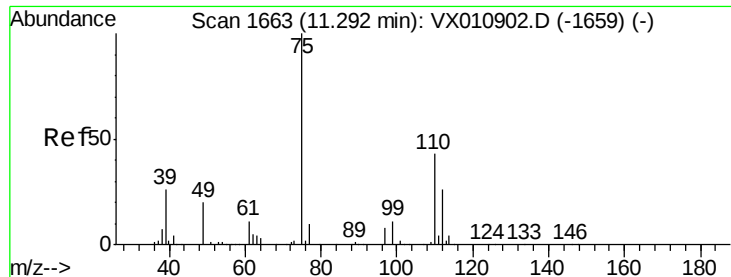


#73

Isopropylbenzene
Concen: 2.326 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX011027.D
Acq: 22 Jul 2019 13:53

Tgt Ion:105 Resp: 28211
Ion Ratio Lower Upper
105 100
120 27.5 13.7 41.1

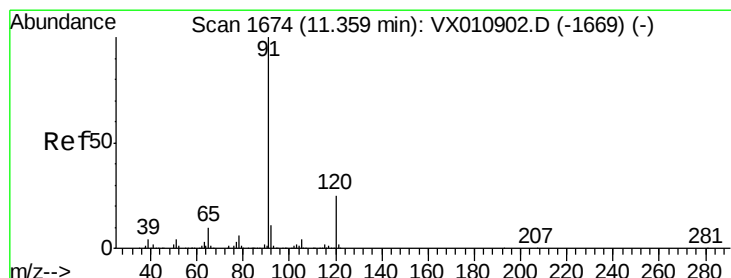
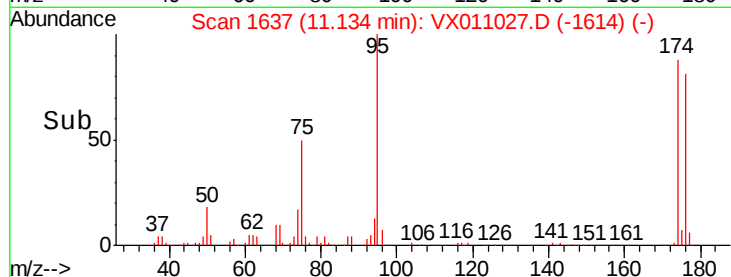
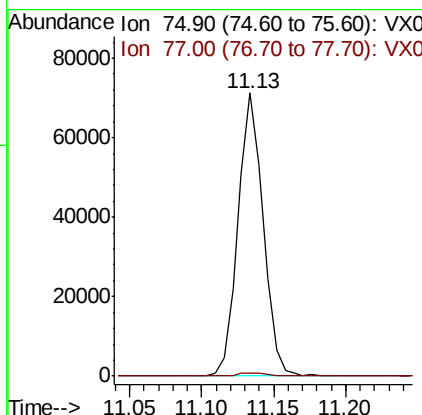
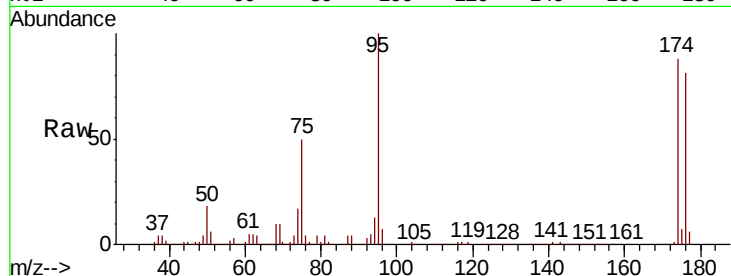




#76
1,2,3-Trichloropropane
Concen: 26.802 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX011027.D
Acq: 22 Jul 2019 13:53

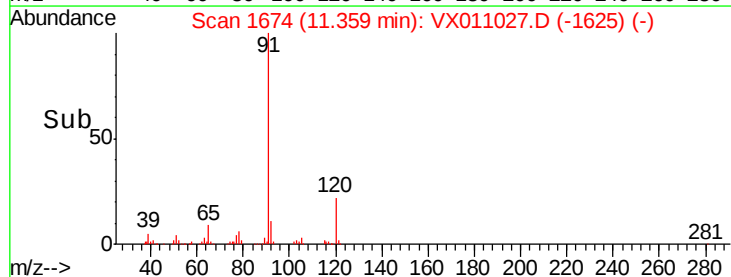
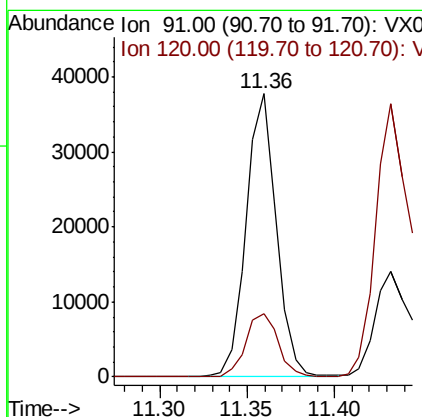
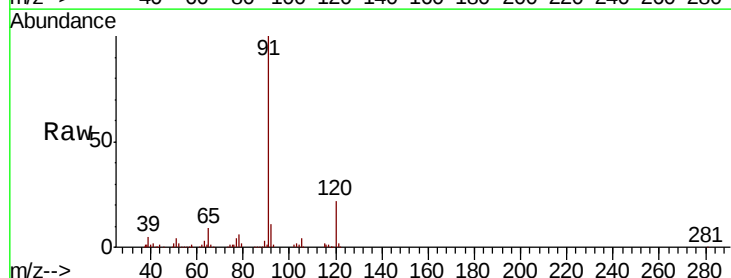
Instrument :
MSVOA_X
ClientSampleId :
FL-0616DL

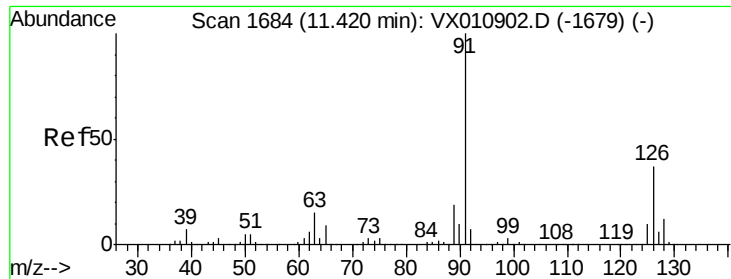
Tot Ion: 75 Resp: 86800
Ion Ratio Lower Upper
75 100
77 1.4 21.3 64.0#



#78
n-propylbenzene
Concen: 3.374 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX011027.D
Acq: 22 Jul 2019 13:53

Tgt Ion: 91 Resp: 45202
Ion Ratio Lower Upper
91 100
120 24.1 12.3 36.8

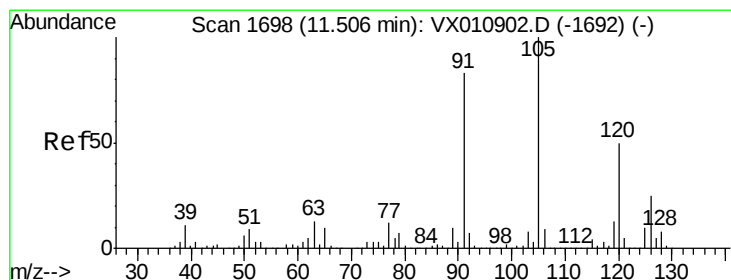
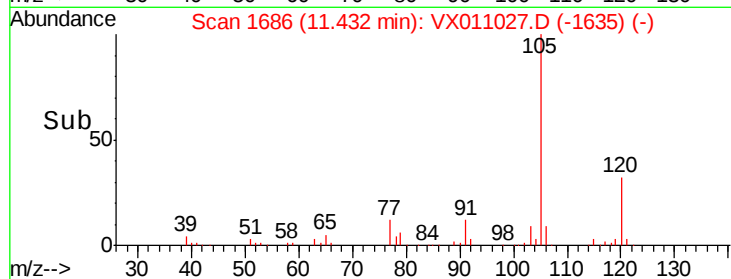
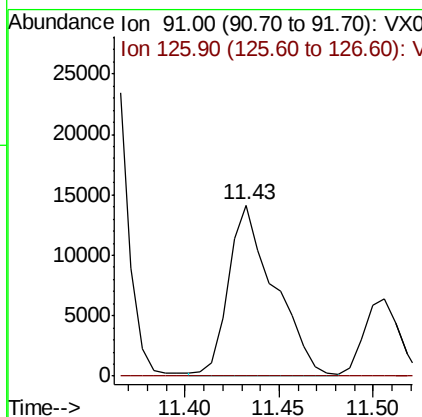
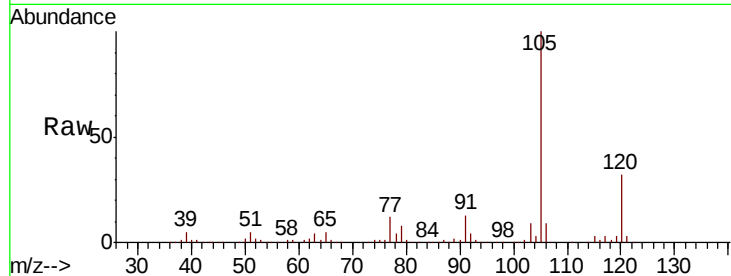




#79
 2-Chlorotoluene
 Concen: 2.978 ug/l
 RT: 11.43 min Scan# 1686
 Delta R.T. 0.01 min
 Lab File: VX011027.D
 Acq: 22 Jul 2019 13:53

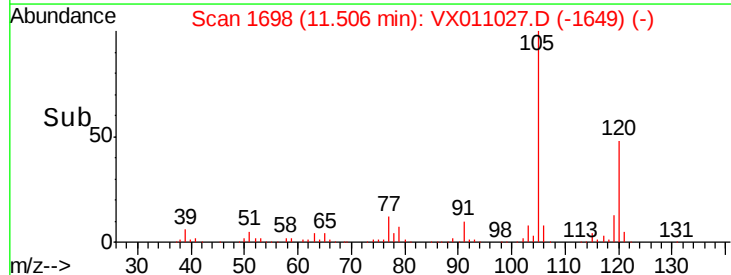
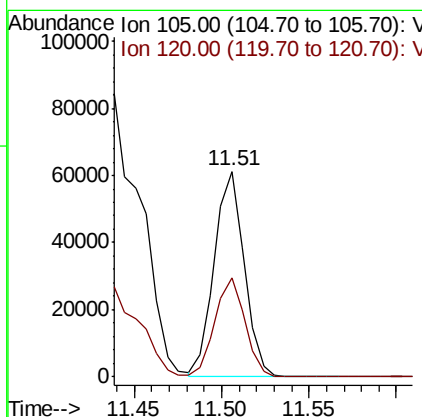
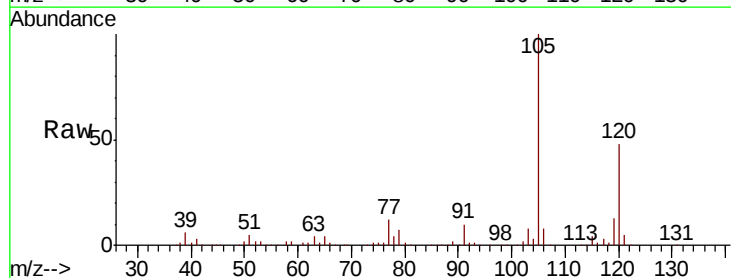
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0616DL

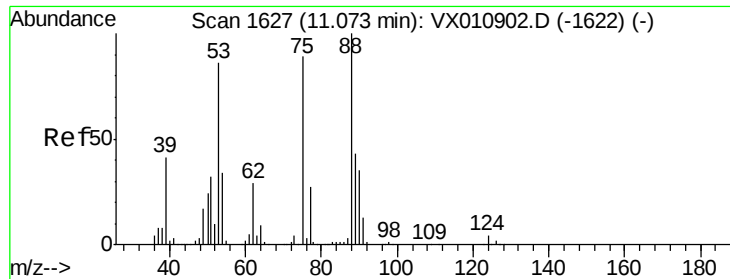
Tot Ion: 91 Resp: 23968
 Ion Ratio Lower Upper
 91 100
 126 0.0 18.0 54.0#



#80
 1,3,5-Trimethylbenzene
 Concen: 7.227 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX011027.D
 Acq: 22 Jul 2019 13:53

Tgt Ion:105 Resp: 73230
 Ion Ratio Lower Upper
 105 100
 120 48.9 24.6 73.8





#81

trans-1,4-Dichloro-2-butene

Concen: 66.480 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX011027.D

Acq: 22 Jul 2019 13:53

Instrument :

MSVOA_X

ClientSampleId :

FL-0616DL

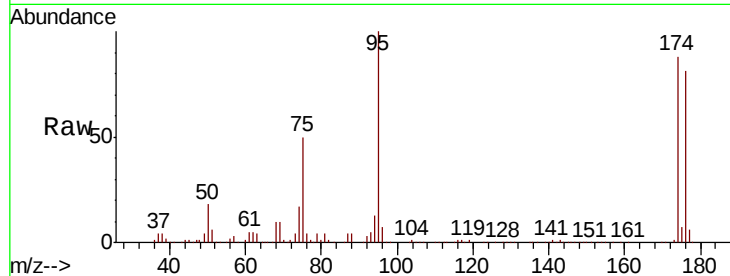
Tot Ion: 75 Resp: 86800

Ion Ratio Lower Upper

75 100

53 0.2 76.7 115.1#

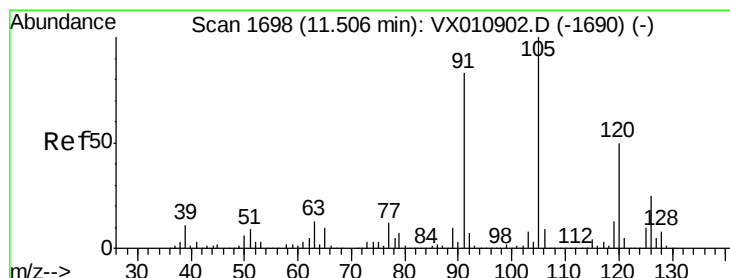
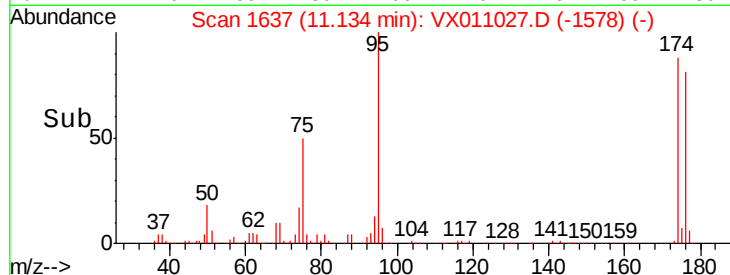
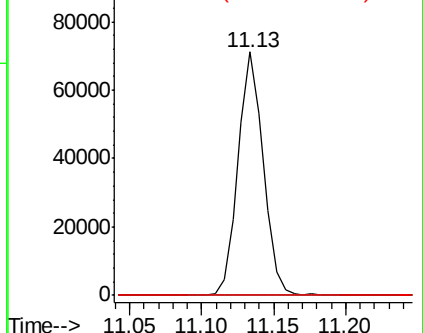
89 0.0 38.5 57.7#



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: 0.887 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011027.D

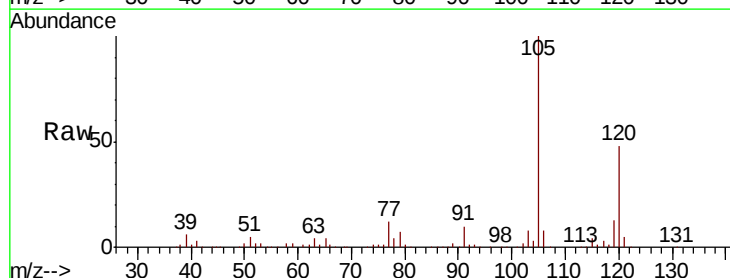
Acq: 22 Jul 2019 13:53

Tgt Ion: 91 Resp: 8310

Ion Ratio Lower Upper

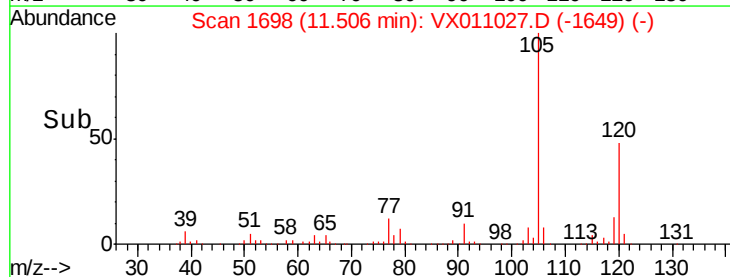
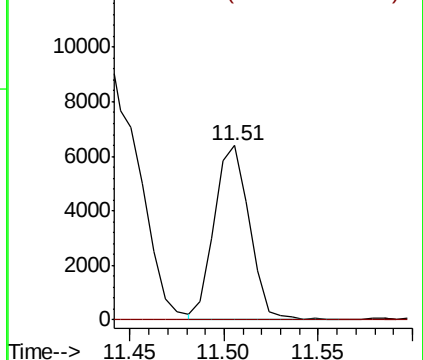
91 100

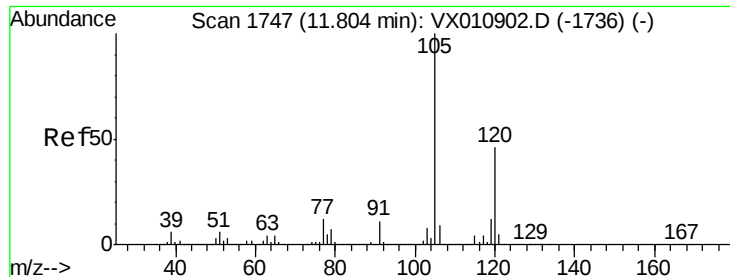
126 0.0 15.9 47.7#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#84

1,2,4-Trimethylbenzene

Concen: 19.898 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX011027.D

Acq: 22 Jul 2019 13:53

Instrument :

MSVOA_X

ClientSampleId :

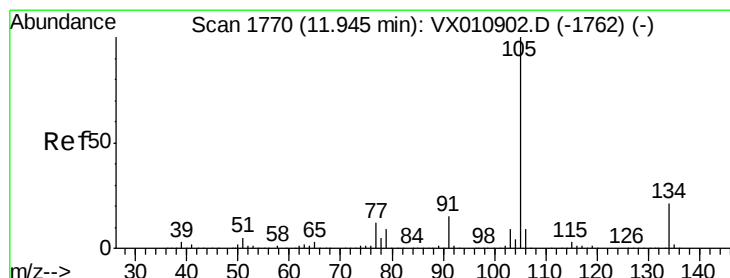
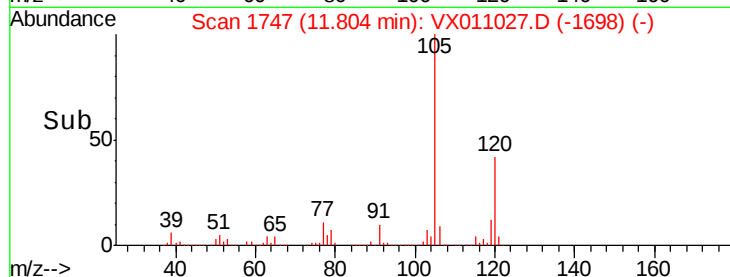
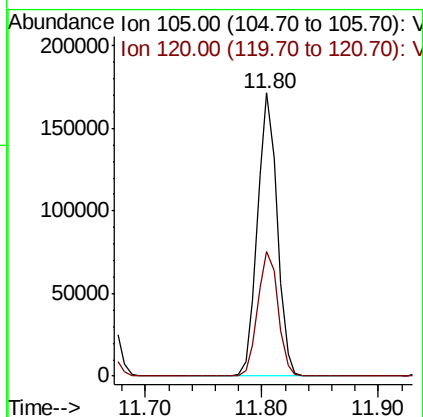
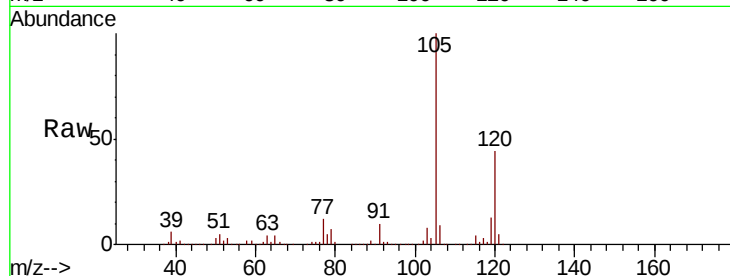
FL-0616DL

Tot Ion:105 Resp: 203212

Ion Ratio Lower Upper

105 100

120 45.4 22.9 68.5



#85

sec-Butylbenzene

Concen: 17.425 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.14 min

Lab File: VX011027.D

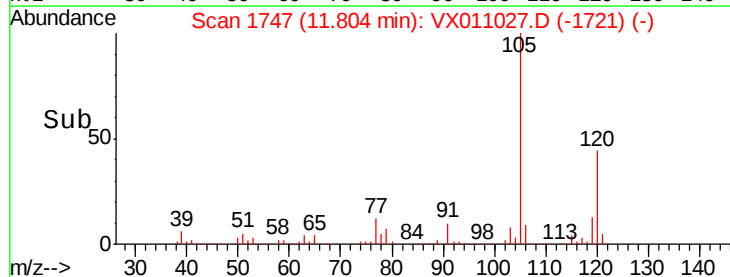
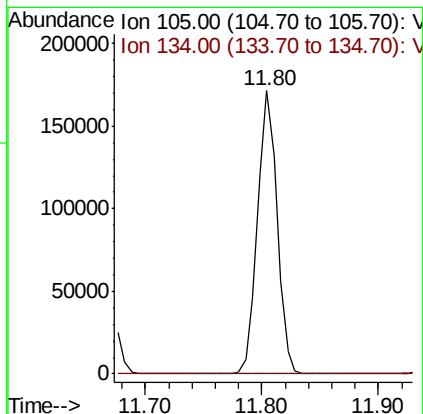
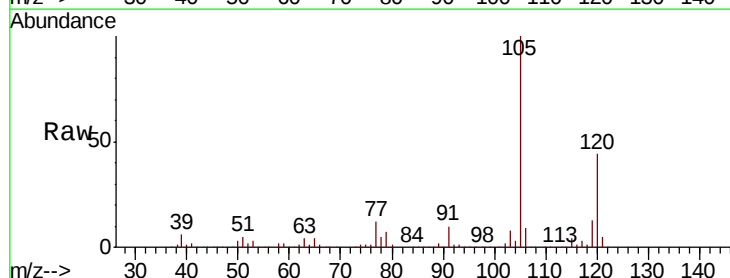
Acq: 22 Jul 2019 13:53

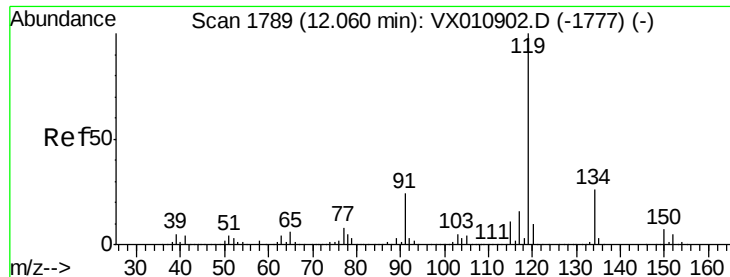
Tgt Ion:105 Resp: 203212

Ion Ratio Lower Upper

105 100

134 0.0 10.4 31.4#

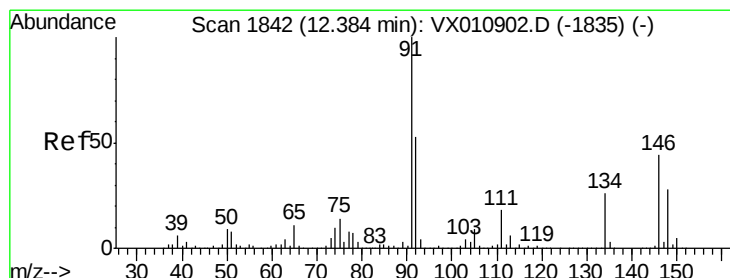
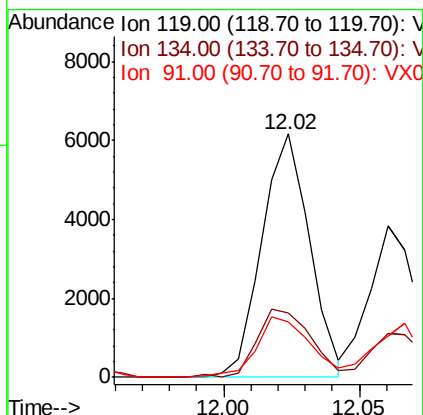
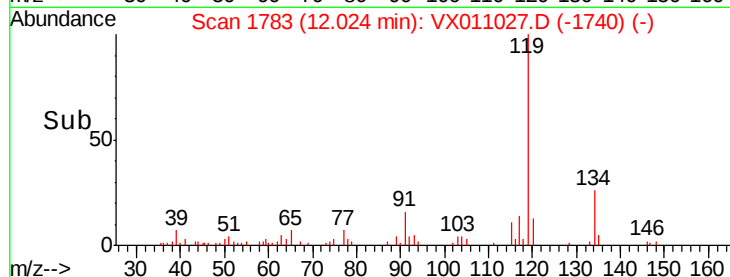
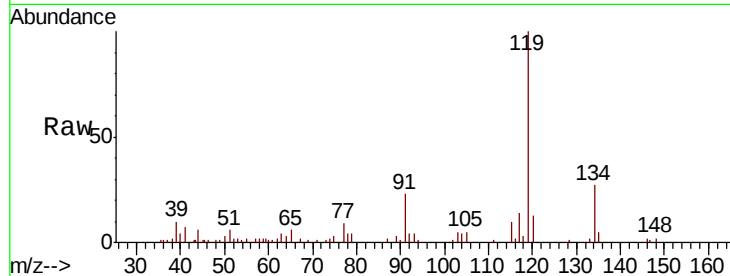




#86
p-Isopropyltoluene
Concen: 0.696 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. -0.04 min
Lab File: VX011027.D
Acq: 22 Jul 2019 13:53

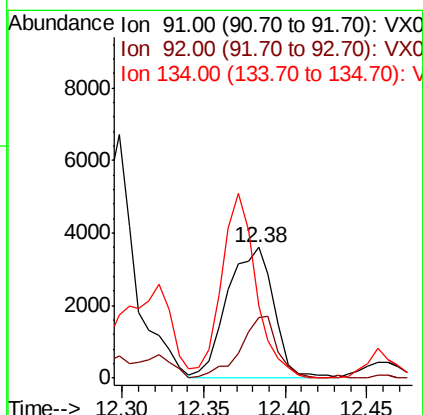
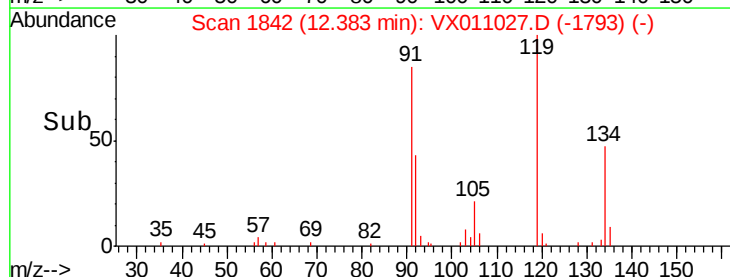
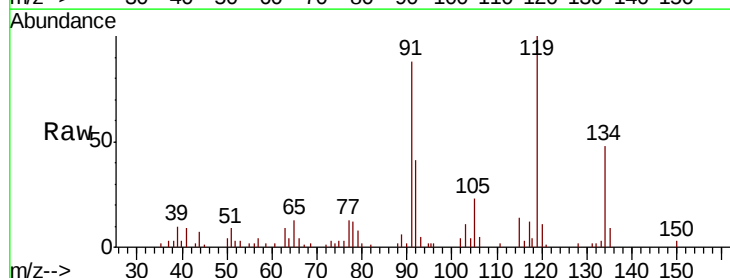
Instrument :
MSVOA_X
ClientSampleID :
FL-0616DL

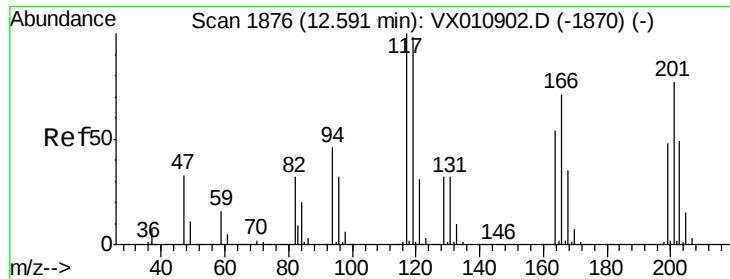
Tot Ion:119 Resp: 7500
Ion Ratio Lower Upper
119 100
134 31.4 13.4 40.1
91 27.8 11.8 35.4



#89
n-Butylbenzene
Concen: 0.779 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX011027.D
Acq: 22 Jul 2019 13:53

Tgt Ion: 91 Resp: 7187
Ion Ratio Lower Upper
91 100
92 37.9 26.2 78.5
134 105.1 13.8 41.3#





#90

Hexachloroethane

Concen: 0.761 ug/l

RT: 12.58 min Scan# 1875

Delta R.T. -0.01 min

Lab File: VX011027.D

Acq: 22 Jul 2019 13:53

Instrument :

MSVOA_X

ClientSampleId :

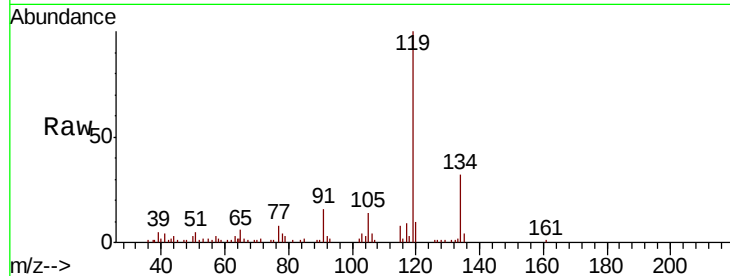
FL-0616DL

Tot Ion:117 Resp: 1294

Ion Ratio Lower Upper

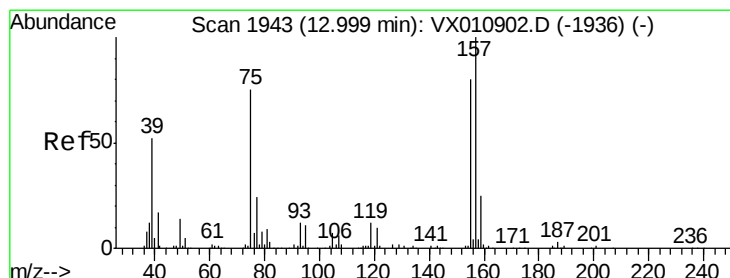
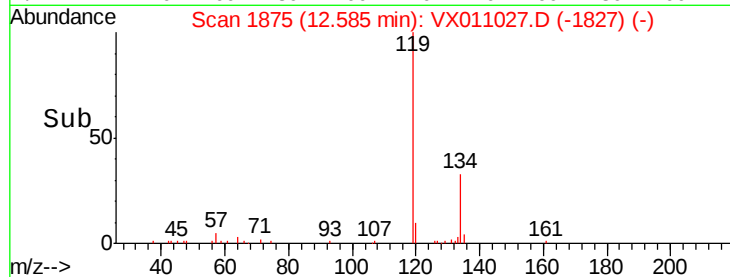
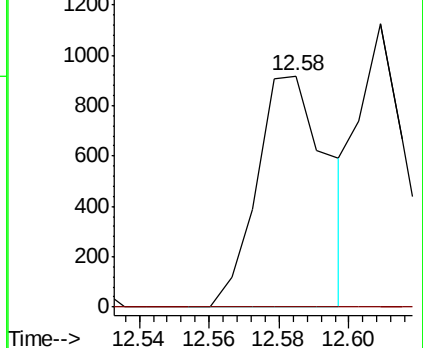
117 100

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: 0.213 ug/l

RT: 13.02 min Scan# 1946

Delta R.T. 0.02 min

Lab File: VX011027.D

Acq: 22 Jul 2019 13:53

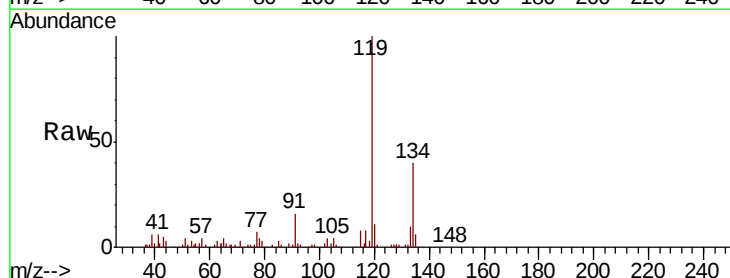
Tgt Ion: 75 Resp: 177

Ion Ratio Lower Upper

75 100

155 0.0 48.7 146.1#

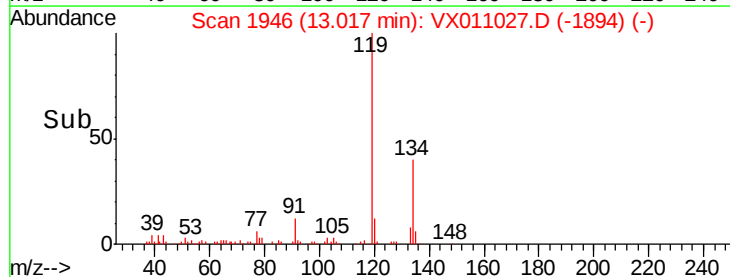
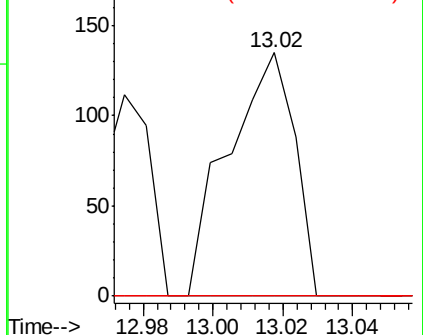
157 0.0 62.5 187.6#

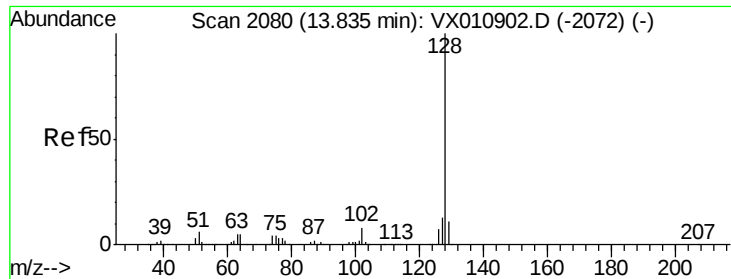


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95
Naphthalene
Concen: 12.500 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX011027.D
Acq: 22 Jul 2019 13:53

Instrument :
MSVOA_X
ClientSampleId :
FL-0616DL

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.4	15.6
129	11.0	8.9	13.3

