

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072019\
 Data File : VX011015.D
 Acq On : 19 Jul 2019 20:08
 Operator : JC/SP
 Sample : K3884-09DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0625DL

Quant Time: Jul 20 01:06:06 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	5.67	168	226805	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	359473	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	328439	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	165990	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	123365	51.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.26%	
35) Dibromofluoromethane	5.50	113	108731	47.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.30%	
50) Toluene-d8	8.71	98	433128	50.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.22%	
62) 4-Bromofluorobenzene	11.13	95	157691	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	

Target Compounds

						Qvalue
5) Bromomethane	1.65	94	450	0.375	ug/l	90
6) Chloroethane	1.76	64	290	0.215	ug/l #	45
11) Tert butyl alcohol	3.01	59	11663	20.755	ug/l #	73
13) Acrolein	2.29	56	123	0.379	ug/l #	1
14) Allyl chloride	2.85	41	4712	1.606	ug/l #	72
15) Acrylonitrile	3.18	53	1986	1.749	ug/l #	47
16) Acetone	2.44	43	2028	1.861	ug/l #	87
18) Methyl Acetate	2.85	43	14324	5.772	ug/l #	48
20) Methylene Chloride	2.85	84	571	0.247	ug/l #	68
25) 2-Butanone	4.68	43	506	0.323	ug/l	97
29) Tetrahydrofuran	5.12	42	224	0.226	ug/l #	37
31) Cyclohexane	5.58	56	33293	10.162	ug/l	95
36) 1,1-Dichloropropene	5.67	75	15418	5.222	ug/l #	49
38) Carbon Tetrachloride	5.66	117	21074	6.849	ug/l #	18
39) Methylcyclohexane	7.46	83	47992	12.533	ug/l	98
48) Methyl methacrylate	7.73	41	2638	1.089	ug/l #	31
49) 1,4-Dioxane	7.66	88	119	1.757	ug/l #	44
51) 4-Methyl-2-Pentanone	8.67	43	1022	0.317	ug/l #	35
52) Toluene	8.79	92	1223	0.206	ug/l	94
55) 1,1,2-Trichloroethane	9.16	97	3822	1.562	ug/l #	20
56) Ethyl methacrylate	9.16	69	1017	0.284	ug/l #	1
60) Dibromochloromethane	9.38	129	20	2.535	ug/l #	11
67) Ethyl Benzene	10.25	91	436135	37.983	ug/l	99
68) m/p-Xylenes	10.36	106	223749	50.800	ug/l	98
69) o-Xylene	10.69	106	191357	44.516	ug/l	98
70) Styrene	10.69	104	9390	1.310	ug/l #	1
73) Isopropylbenzene	11.02	105	64960	5.792	ug/l	99
76) 1,2,3-Trichloropropane	11.43	75	5099	1.702	ug/l #	1
78) n-propylbenzene	11.36	91	94386	7.616	ug/l	99
79) 2-Chlorotoluene	11.43	91	67451	9.060	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.51	105	180464	19.256	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.13	75	78738	65.277	ug/l #	11
82) 4-Chlorotoluene	11.51	91	19295	2.227	ug/l #	43
83) tert-Butylbenzene	11.80	119	69762	7.578	ug/l #	60

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QLast Update : Wed Jul 17 06:57:45 2019
Response via : Initial Calibration

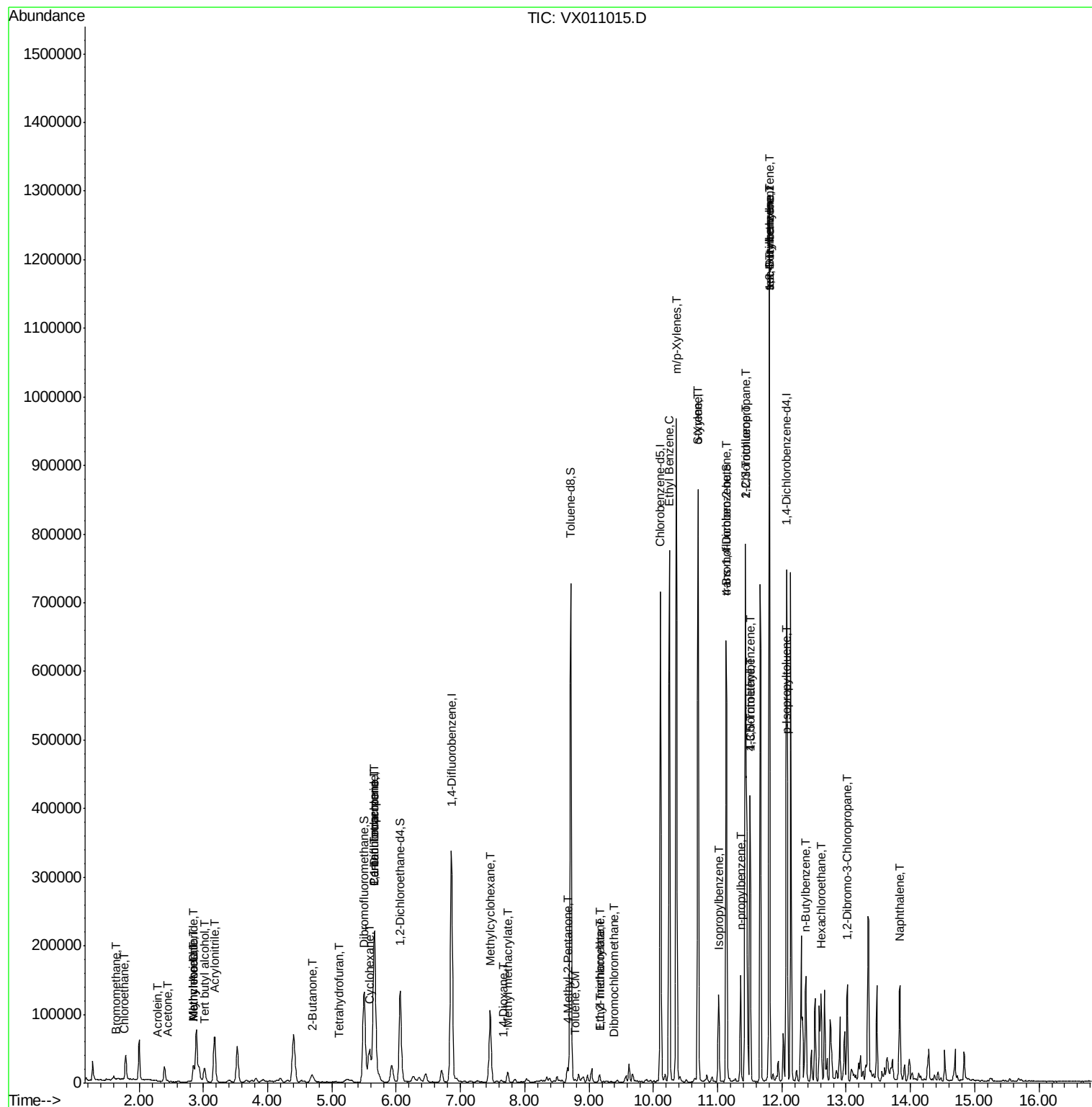
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	11.80	105	550917	58.322	ug/l	100
85) sec-Butylbenzene	11.80	105	550917	51.074	ug/l #	55
86) p-Isopropyltoluene	12.06	119	17331	1.738	ug/l	97
89) n-Butylbenzene	12.38	91	18497	2.168	ug/l #	11
90) Hexachloroethane	12.61	117	9269	5.893	ug/l #	6
92) 1,2-Dibromo-3-Chloropropan	13.01	75	579	0.755	ug/l #	1
95) Naphthalene	13.83	128	88864	8.345	ug/l	99

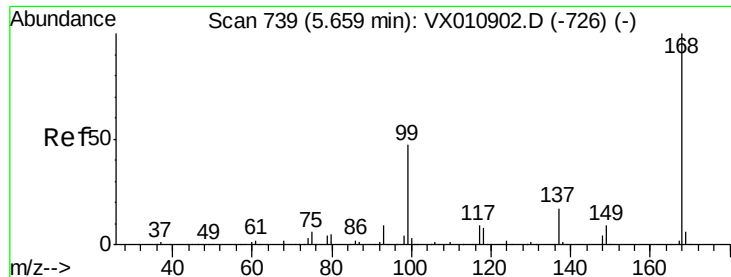
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX011015.D

Acq: 19 Jul 2019 20:08

Instrument :

MSVOA_X

ClientSampled :

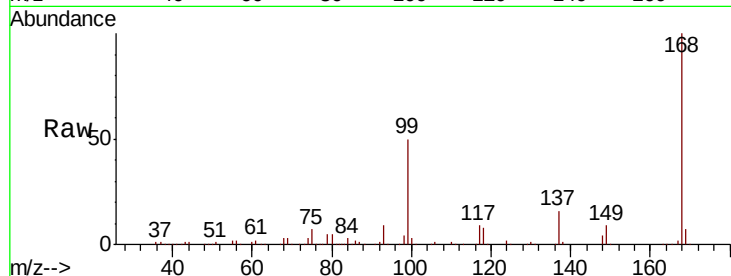
FL-0625DL

Tot Ion:168 Resp: 226805

Ion Ratio Lower Upper

168 100

99 50.0 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

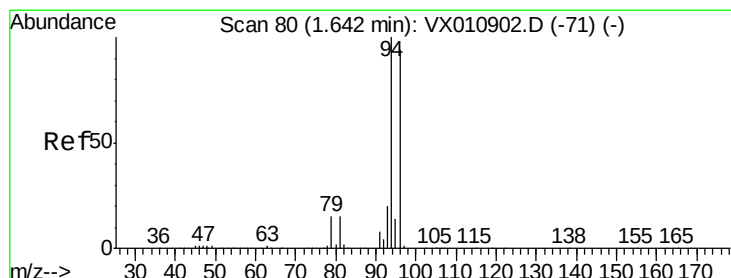
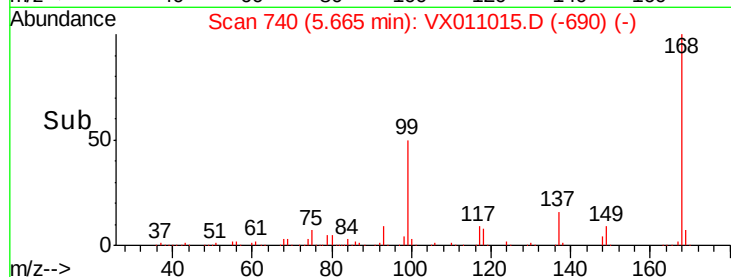
Time-->

5.50

5.60

5.70

5.80



#5

Bromomethane

Concen: 0.375 ug/l

RT: 1.65 min Scan# 82

Delta R.T. 0.01 min

Lab File: VX011015.D

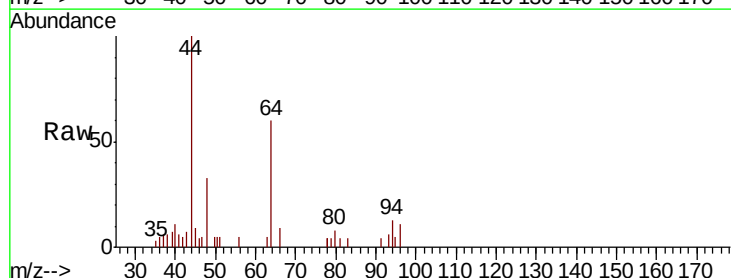
Acq: 19 Jul 2019 20:08

Tgt Ion: 94 Resp: 450

Ion Ratio Lower Upper

94 100

96 85.0 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

250

200

150

100

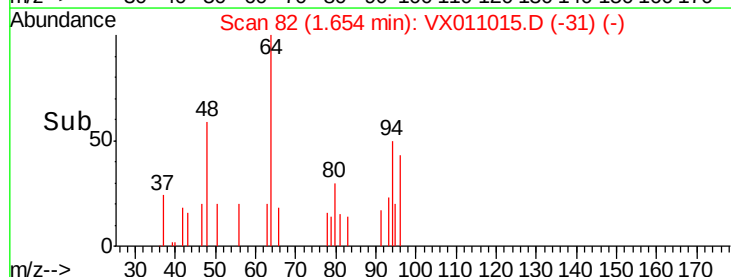
50

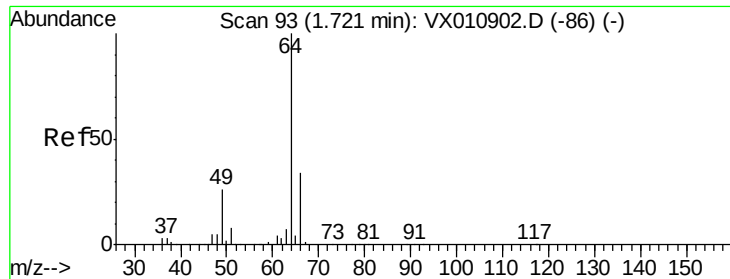
0

Time-->

1.60

1.65





#6

Chloroethane

Concen: 0.215 ug/l

RT: 1.76 min Scan# 100

Delta R.T. 0.04 min

Lab File: VX011015.D

Acq: 19 Jul 2019 20:08

Instrument :

MSVOA_X

ClientSampleId :

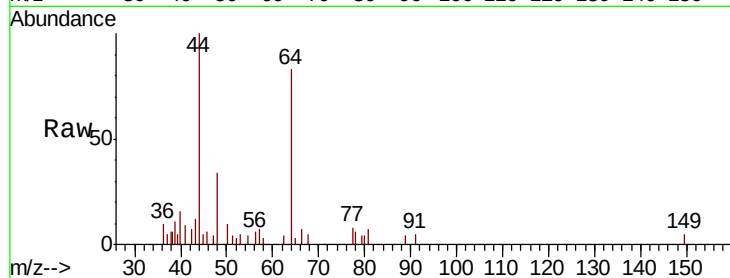
FL-0625DL

Tot Ion: 64 Resp: 290

Ion Ratio Lower Upper

64 100

66 2.5 27.0 40.6#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

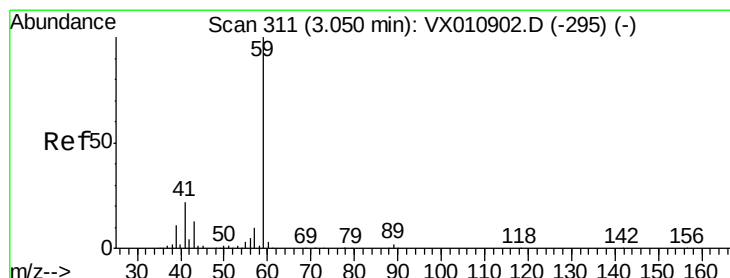
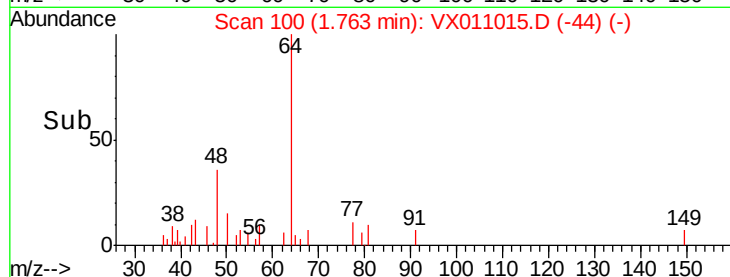
1.76

1000

500

0

Time--> 1.74 1.75 1.76 1.77 1.78



#11

Tert butyl alcohol

Concen: 20.755 ug/l

RT: 3.01 min Scan# 305

Delta R.T. -0.04 min

Lab File: VX011015.D

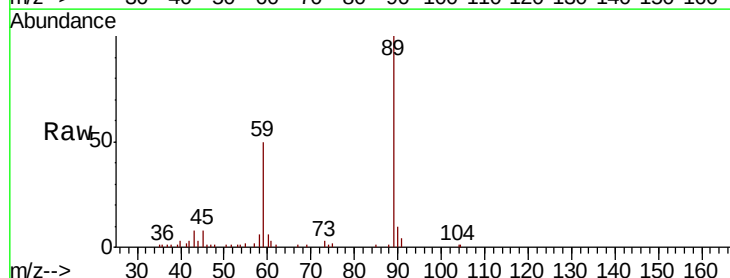
Acq: 19 Jul 2019 20:08

Tgt Ion: 59 Resp: 11663

Ion Ratio Lower Upper

59 100

57 0.0 7.9 11.9#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

20000

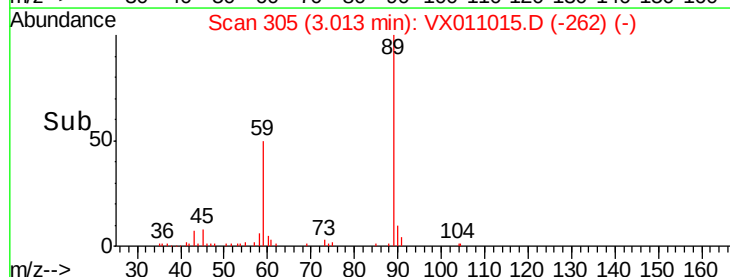
15000

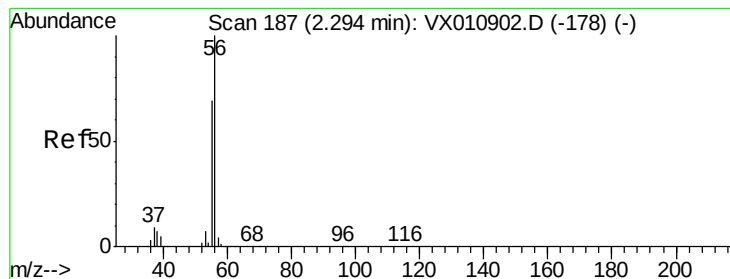
10000

5000

0

Time--> 2.90 3.00 3.10





#13

Acrolein

Concen: 0.379 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX011015.D

Acq: 19 Jul 2019 20:08

Instrument :

MSVOA_X

ClientSampled :

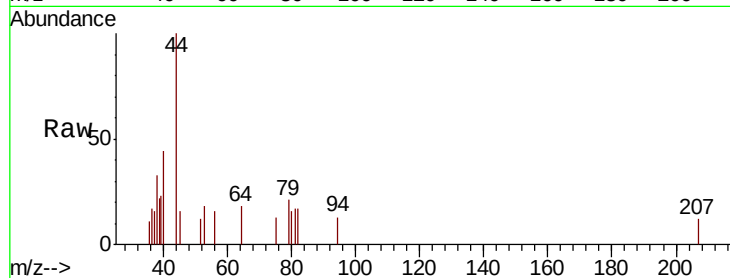
FL-0625DL

Tot Ion: 56 Resp: 123

Ion Ratio Lower Upper

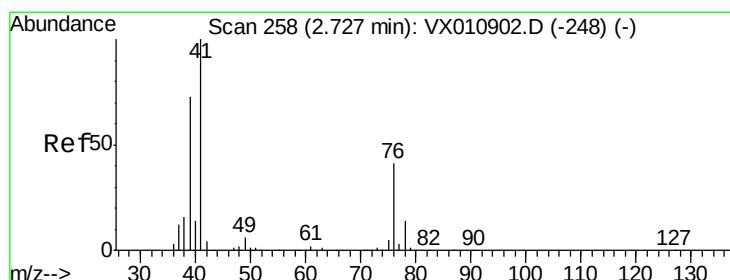
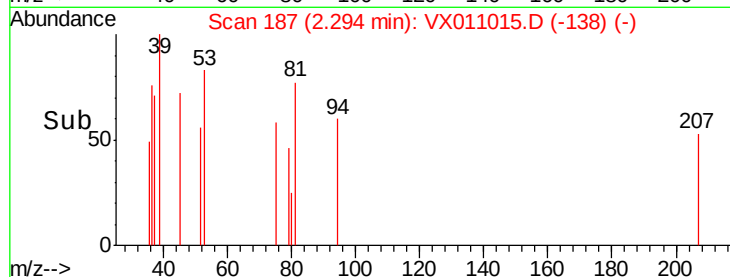
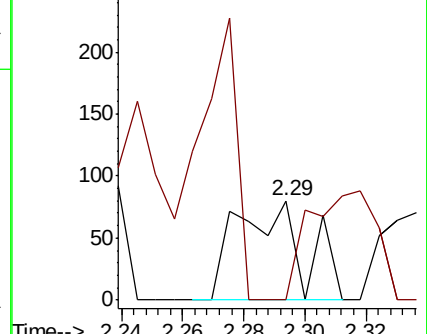
56 100

55 152.0 55.9 83.9#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 1.606 ug/l

RT: 2.85 min Scan# 278

Delta R.T. 0.12 min

Lab File: VX011015.D

Acq: 19 Jul 2019 20:08

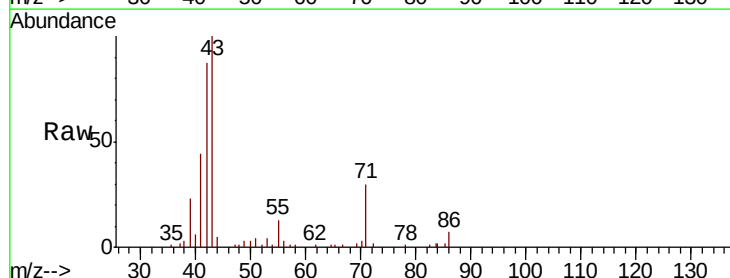
Tgt Ion: 41 Resp: 4712

Ion Ratio Lower Upper

41 100

39 59.5 53.6 80.4

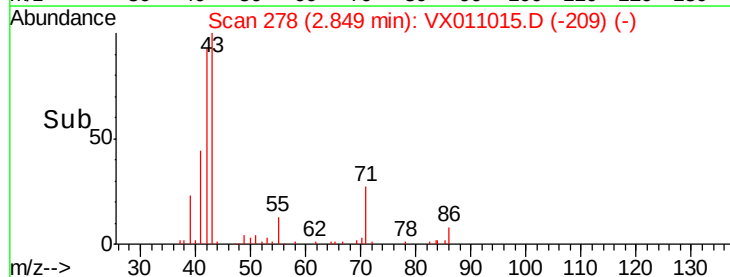
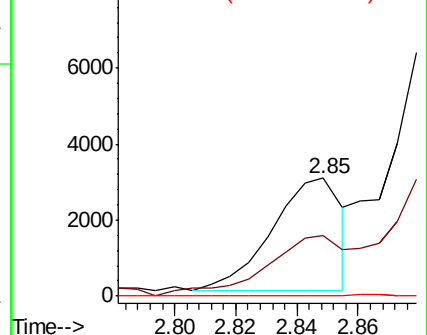
76 0.9 29.7 44.5#

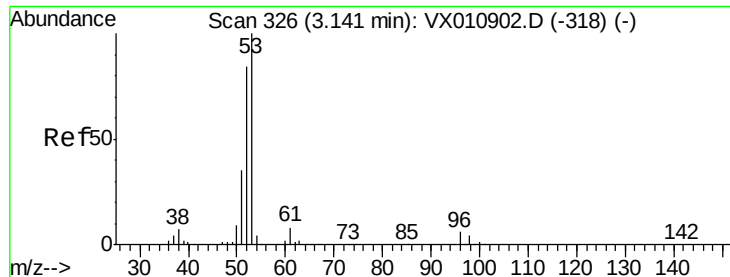


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 1.749 ug/l

RT: 3.18 min Scan# 332

Delta R.T. 0.04 min

Lab File: VX011015.D

Acq: 19 Jul 2019 20:08

Instrument :

MSVOA_X

ClientSampleId :

FL-0625DL

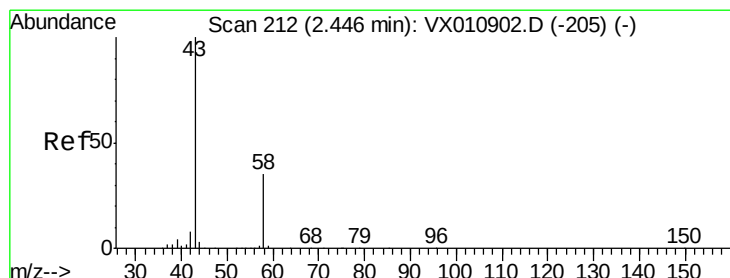
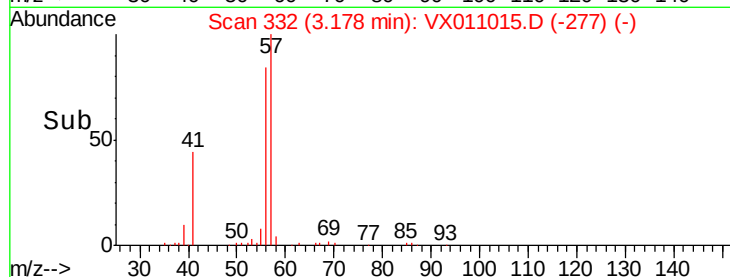
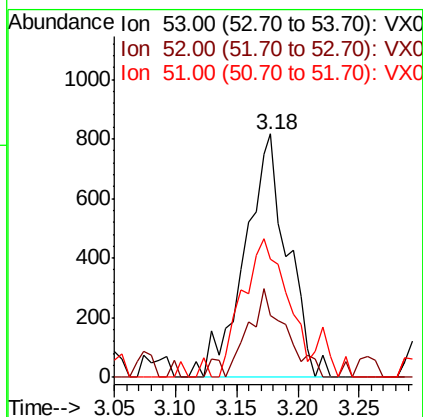
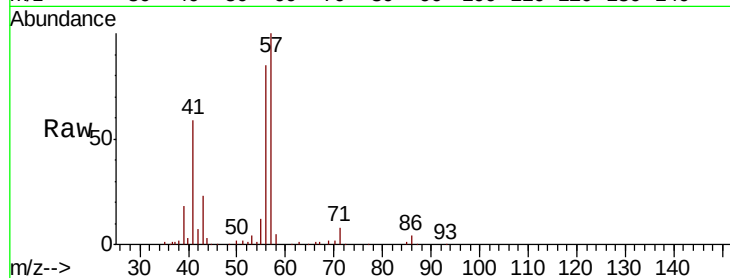
Tot Ion: 53 Resp: 1986

Ion Ratio Lower Upper

53 100

52 31.3 66.5 99.7#

51 59.5 28.2 42.4#



#16

Acetone

Concen: 1.861 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX011015.D

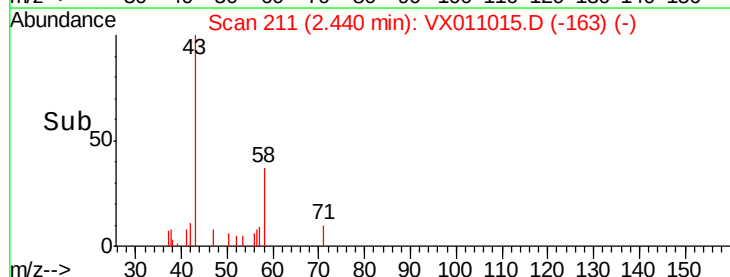
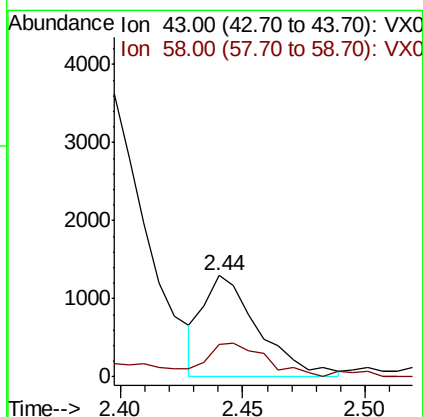
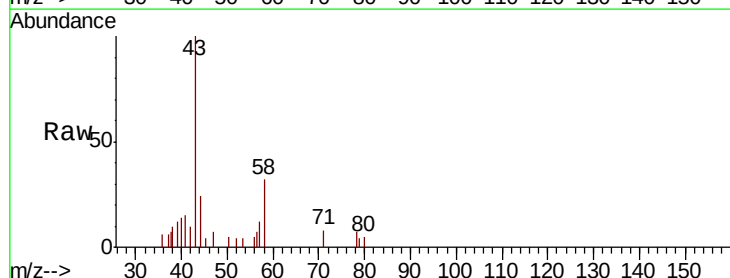
Acq: 19 Jul 2019 20:08

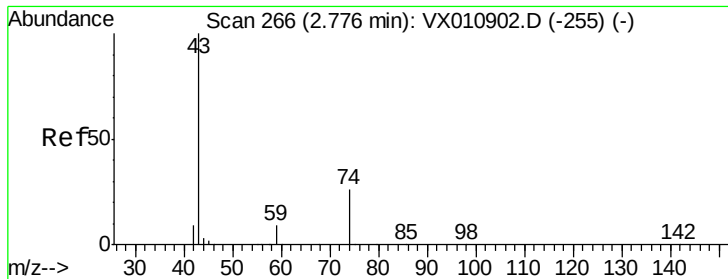
Tgt Ion: 43 Resp: 2028

Ion Ratio Lower Upper

43 100

58 27.1 27.7 41.5#

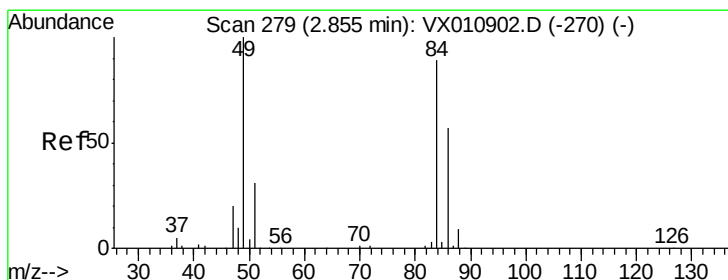
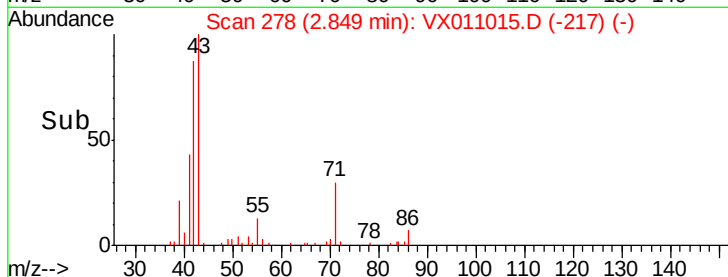
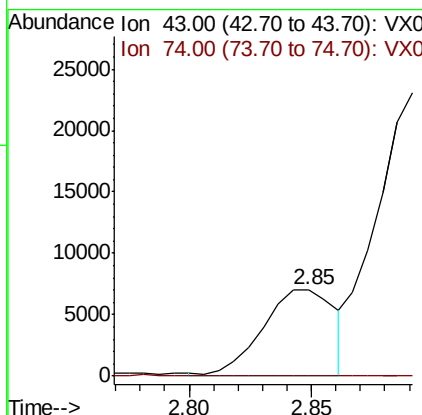
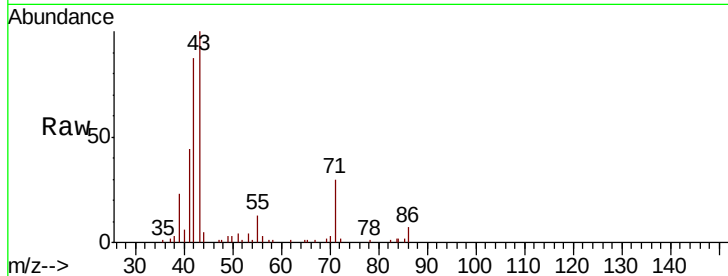




#18
Methvl Acetate
Concen: 5.772 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.07 min
Lab File: VX011015.D
Acq: 19 Jul 2019 20:08

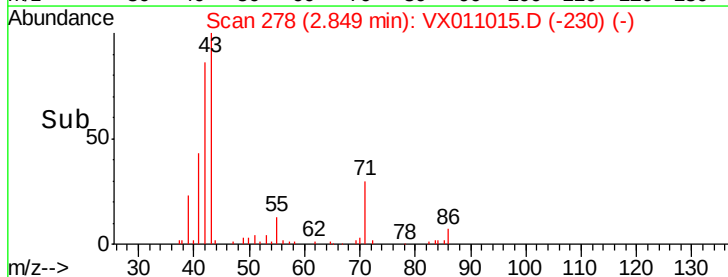
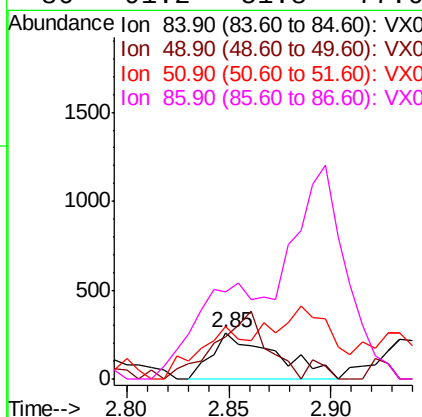
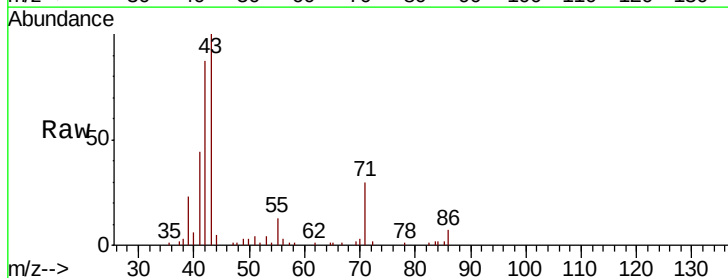
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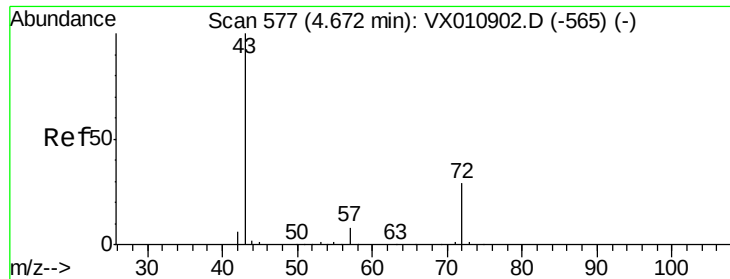
Tot Ion: 43 Resp: 14324
Ion Ratio Lower Upper
43 100
74 0.0 21.5 32.3#



#20
Methylene Chloride
Concen: 0.247 ug/l
RT: 2.85 min Scan# 278
Delta R.T. -0.01 min
Lab File: VX011015.D
Acq: 19 Jul 2019 20:08

Tgt Ion: 84 Resp: 571
Ion Ratio Lower Upper
84 100
49 90.0 89.9 134.9
51 73.9 27.8 41.6#
86 91.2 51.8 77.6#

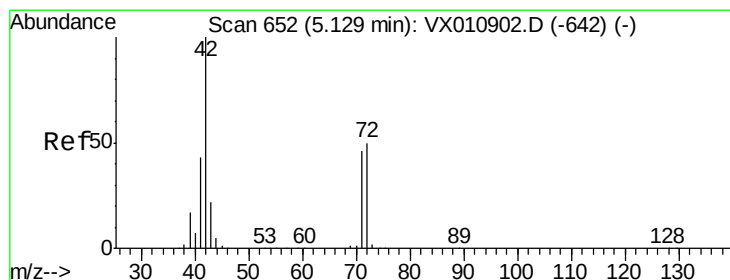
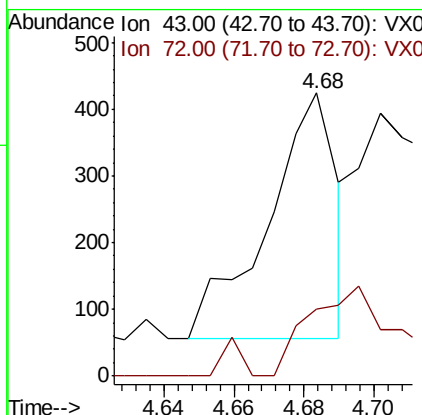
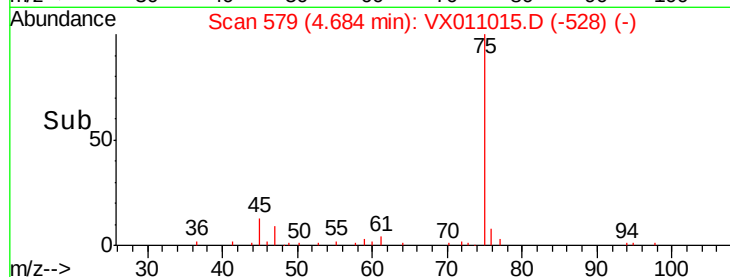
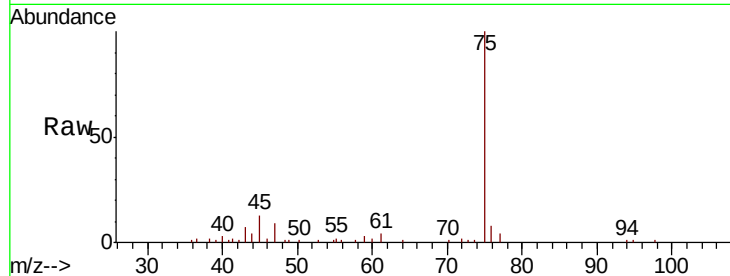




#25
2-Butanone
Concen: 0.323 ug/l
RT: 4.68 min Scan# 579
Delta R.T. 0.01 min
Lab File: VX011015.D
Acq: 19 Jul 2019 20:08

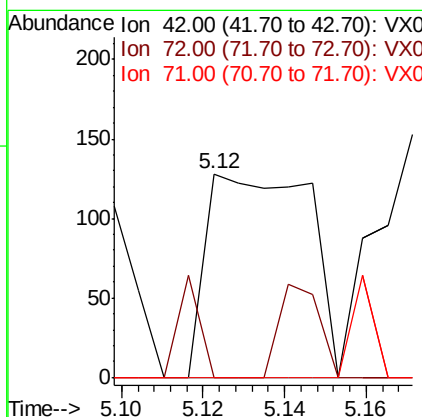
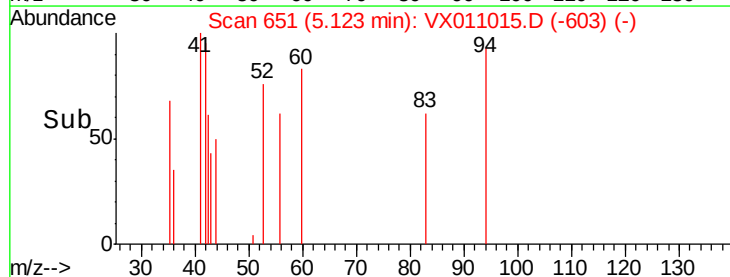
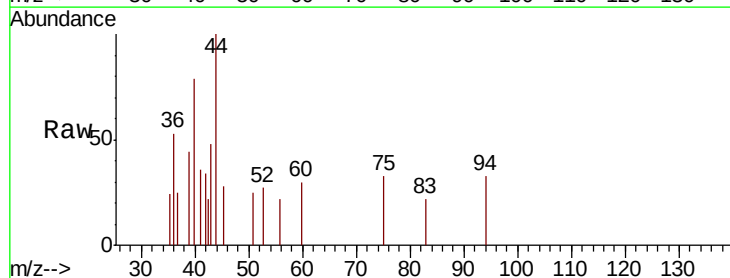
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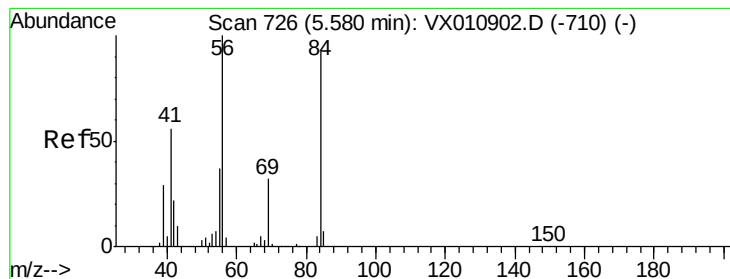
Tot Ion: 43 Resp: 506
Ion Ratio Lower Upper
43 100
72 27.4 23.0 34.6



#29
Tetrahydrofuran
Concen: 0.226 ug/l
RT: 5.12 min Scan# 651
Delta R.T. -0.01 min
Lab File: VX011015.D
Acq: 19 Jul 2019 20:08

Tgt Ion: 42 Resp: 224
Ion Ratio Lower Upper
42 100
72 10.3 39.8 59.8#
71 0.0 37.0 55.4#





#31

Cyclohexane

Concen: 10.162 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX011015.D

Acq: 19 Jul 2019 20:08

Instrument :

MSVOA_X

ClientSampled :

FL-0625DL

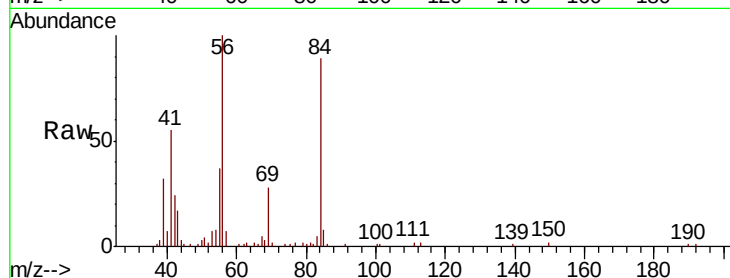
Tot Ion: 56 Resp: 33293

Ion Ratio Lower Upper

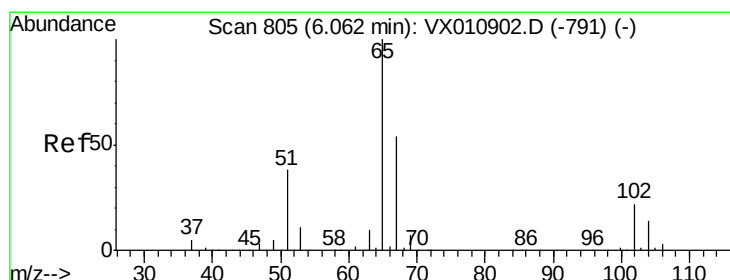
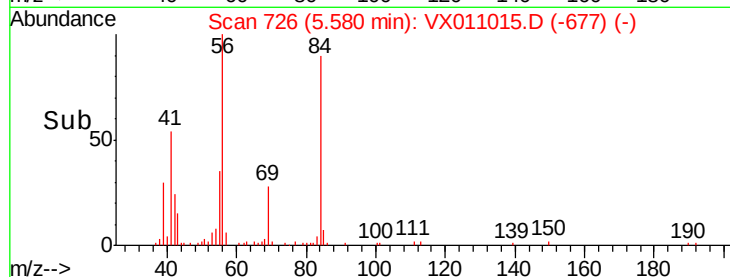
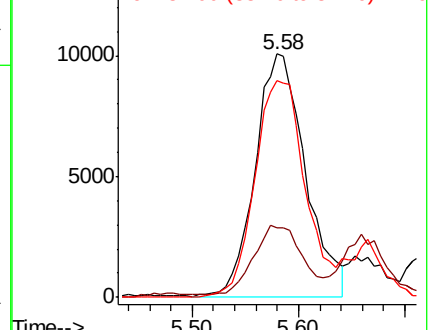
56 100

69 27.4 25.8 38.8

84 89.0 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: 51.128 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX011015.D

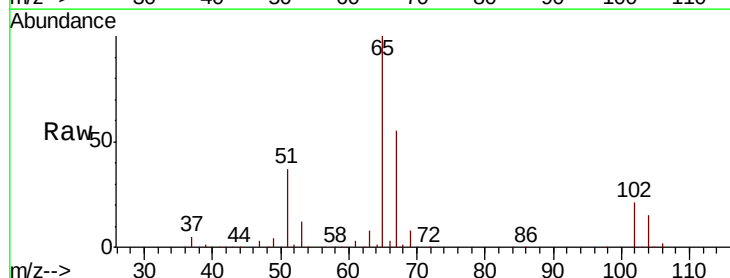
Acq: 19 Jul 2019 20:08

Tgt Ion: 65 Resp: 123365

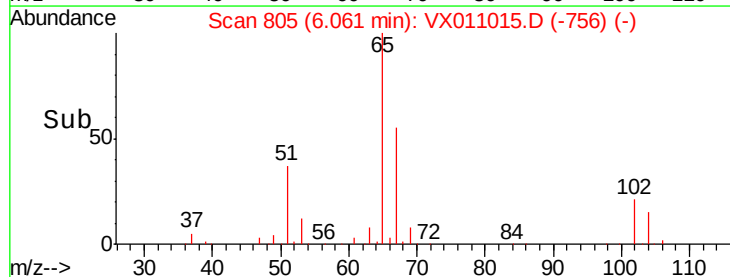
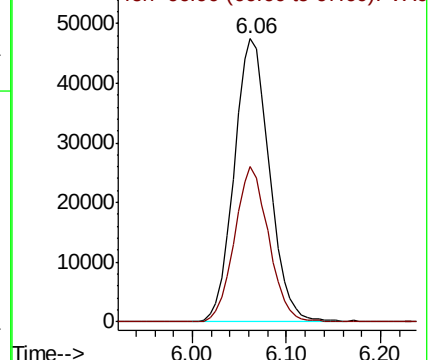
Ion Ratio Lower Upper

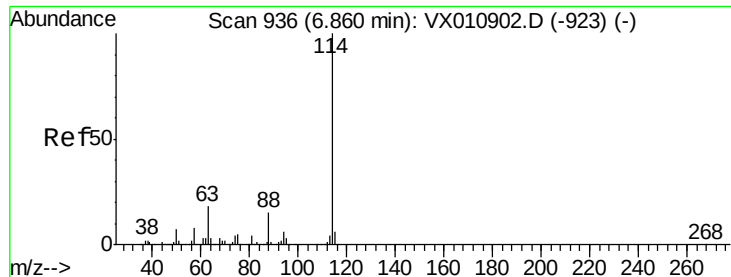
65 100

67 53.3 0.0 107.8



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

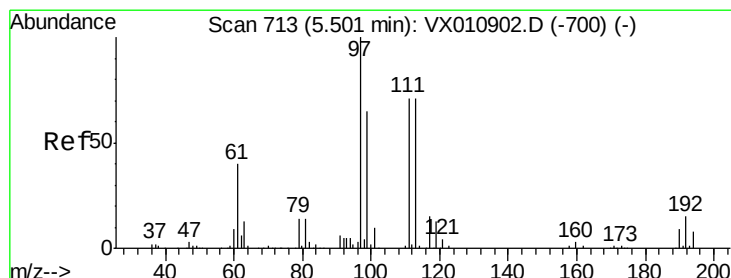
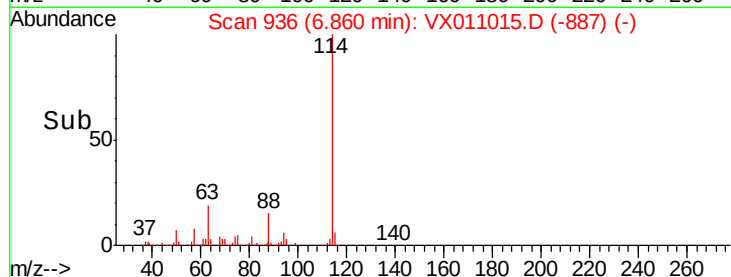
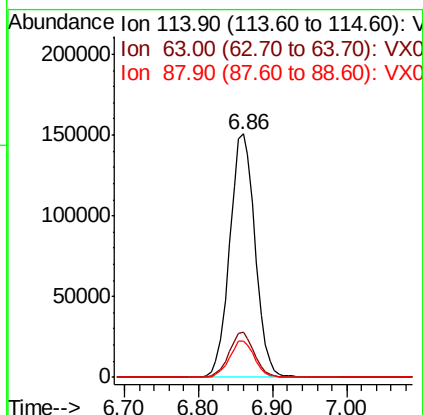
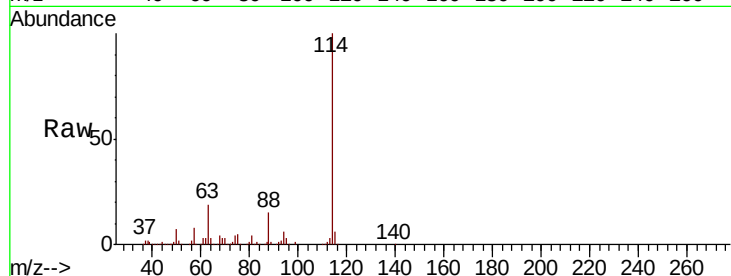




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX011015.D
Acq: 19 Jul 2019 20:08

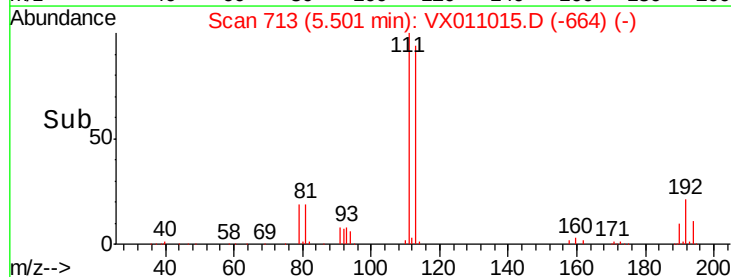
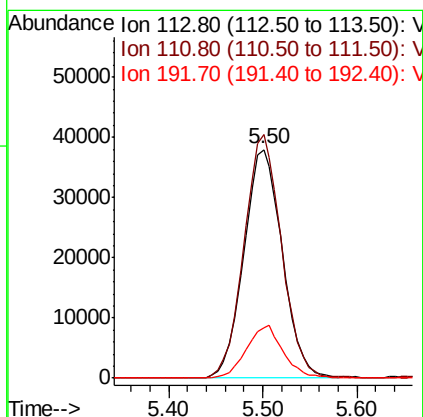
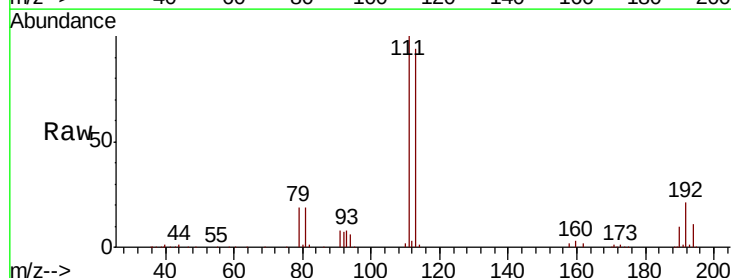
Instrument :
MSVOA_X
ClientSampleId :
FL-0625DL

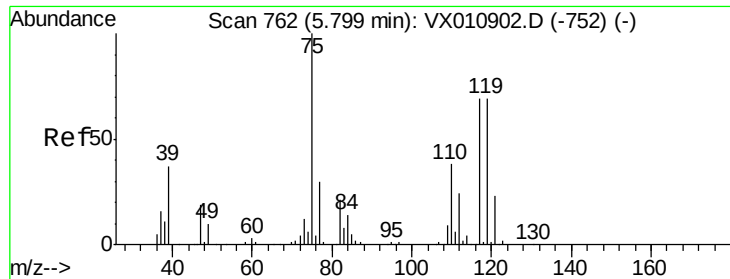
Tot Ion:114 Resp: 359473
Ion Ratio Lower Upper
114 100
63 18.8 0.0 35.6
88 14.8 0.0 29.8



#35
Dibromofluoromethane
Concen: 47.655 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX011015.D
Acq: 19 Jul 2019 20:08

Tgt Ion:113 Resp: 108731
Ion Ratio Lower Upper
113 100
111 104.2 82.3 123.5
192 22.0 17.4 26.2

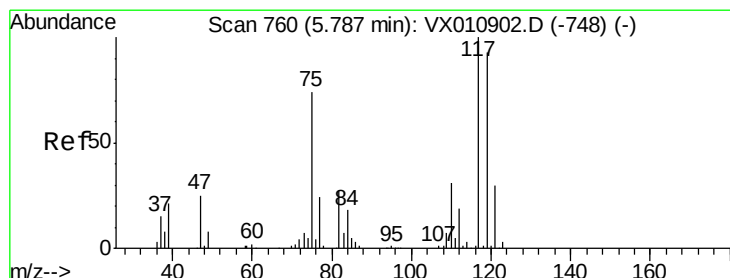
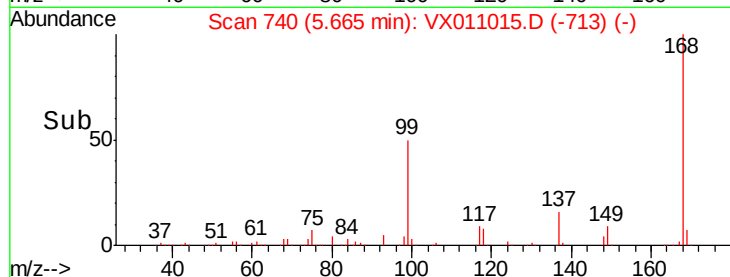
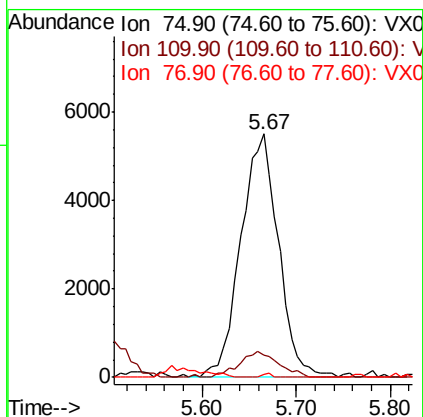
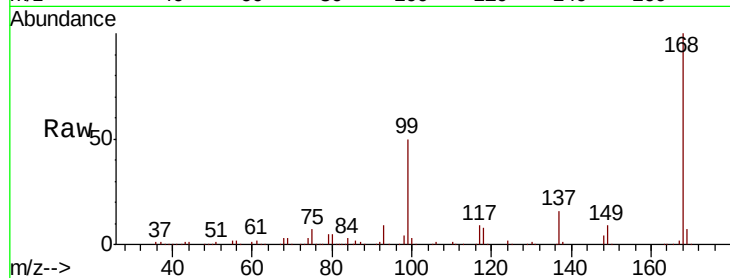




#36
 1,1-Dichloropropene
 Concen: 5.222 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX011015.D
 Acq: 19 Jul 2019 20:08

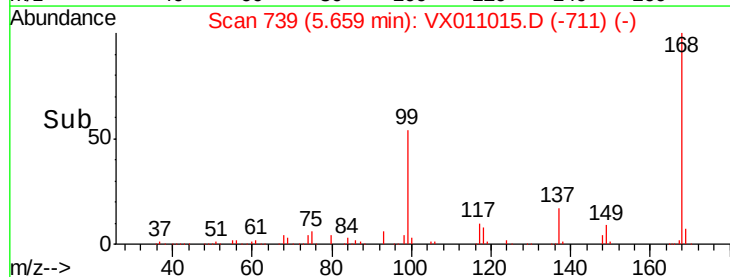
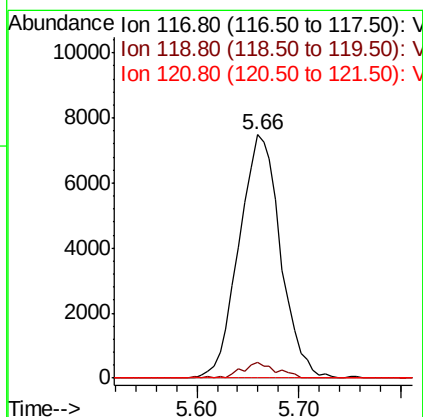
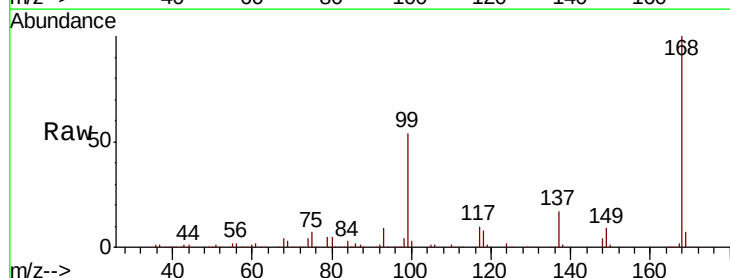
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0625DL

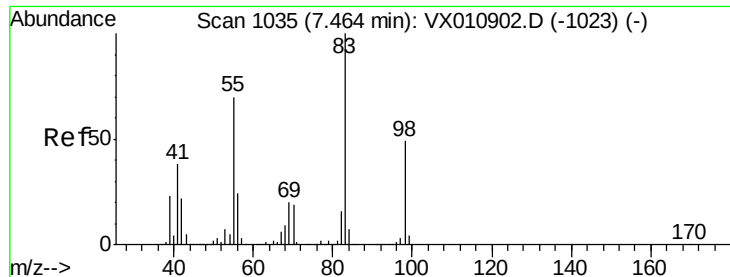
Tot Ion: 75 Resp: 15418
 Ion Ratio Lower Upper
 75 100
 110 11.1 19.9 59.7#
 77 0.4 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 6.849 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.13 min
 Lab File: VX011015.D
 Acq: 19 Jul 2019 20:08

Tgt Ion: 117 Resp: 21074
 Ion Ratio Lower Upper
 117 100
 119 6.5 74.2 111.2#
 121 0.0 24.2 36.2#

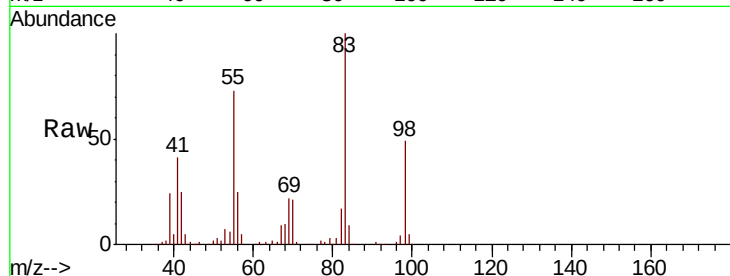




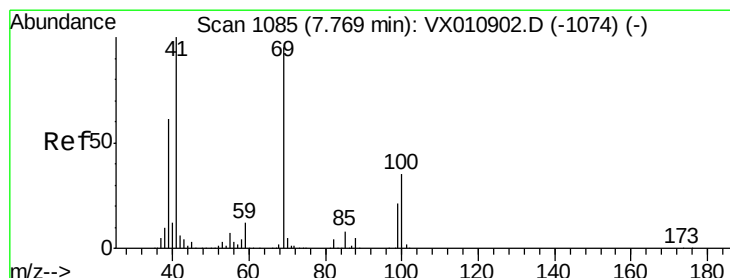
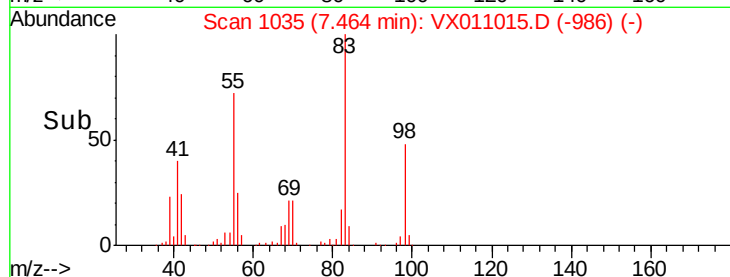
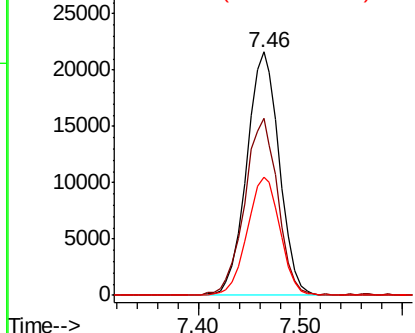
#39
Methylvlcyclohexane
Concen: 12.533 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX011015.D
Acq: 19 Jul 2019 20:08

Instrument :
MSVOA_X
ClientSampled :
FL-0625DL

Tot Ion: 83 Resp: 47992
Ion Ratio Lower Upper
83 100
55 72.7 56.2 84.4
98 48.7 39.0 58.4

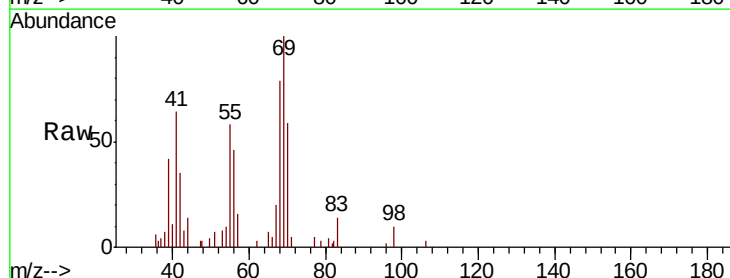


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

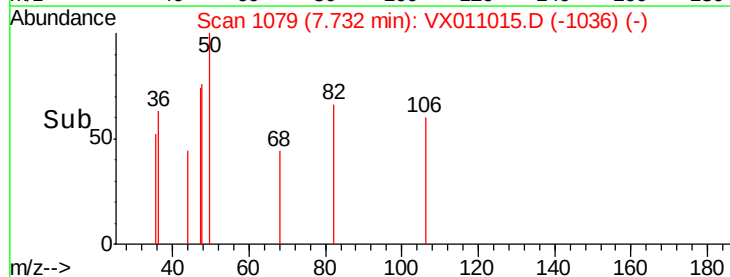
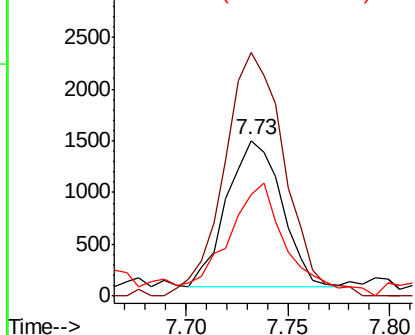


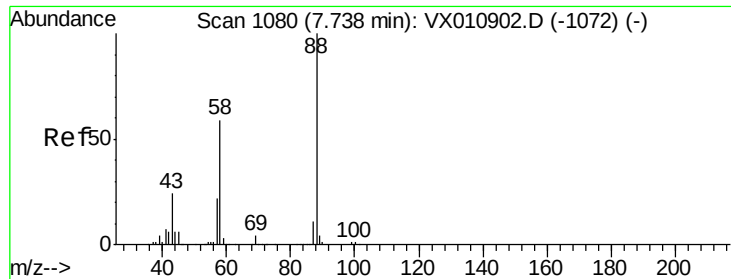
#48
Methyl methacrylate
Concen: 1.089 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. -0.04 min
Lab File: VX011015.D
Acq: 19 Jul 2019 20:08

Tgt Ion: 41 Resp: 2638
Ion Ratio Lower Upper
41 100
69 184.2 74.4 111.6#
39 84.2 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

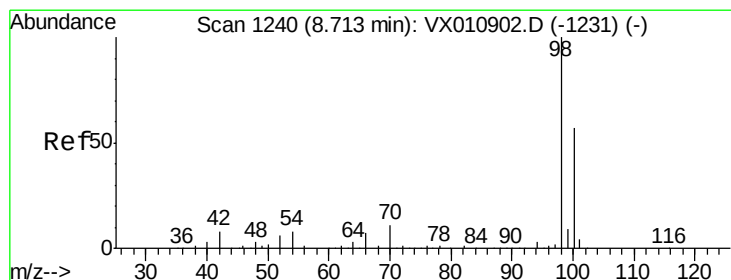
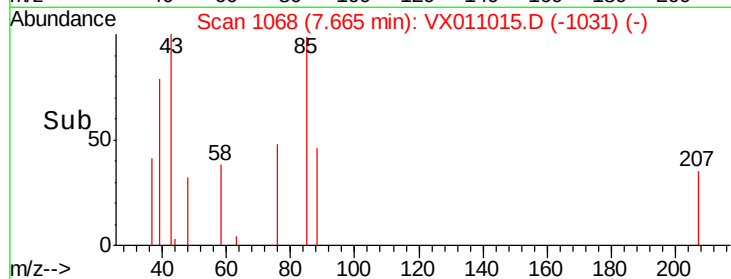
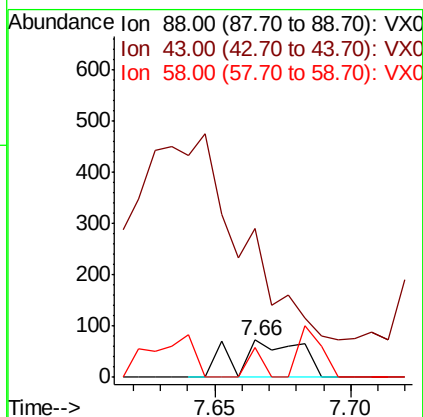
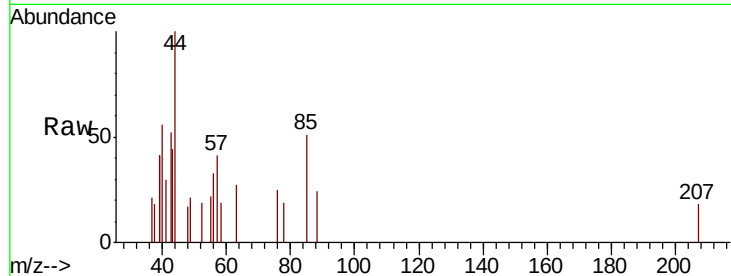




#49
 1,4-Dioxane
 Concen: 1.757 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. -0.07 min
 Lab File: VX011015.D
 Acq: 19 Jul 2019 20:08

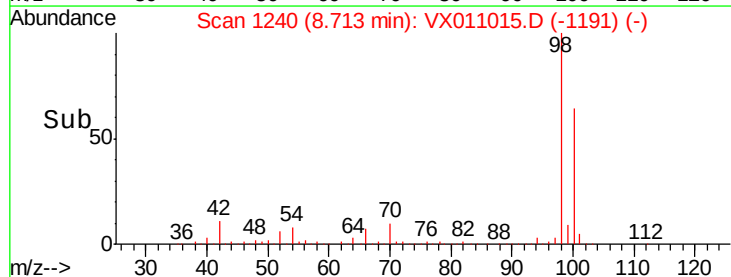
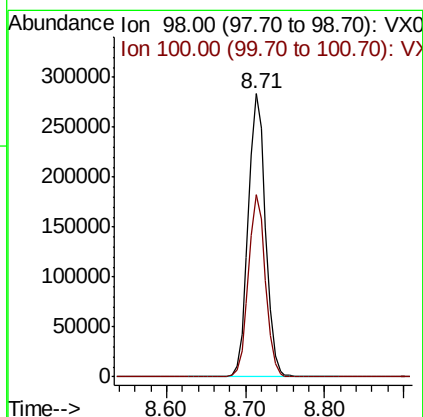
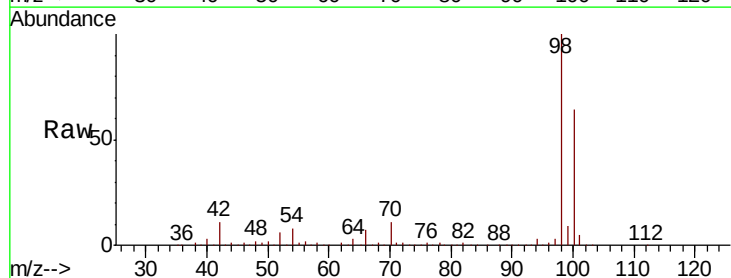
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0625DL

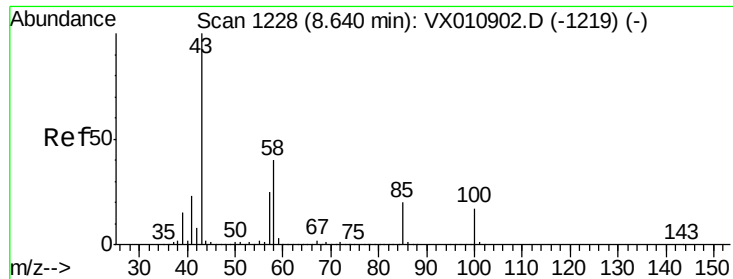
Tot Ion: 88 Resp: 119
 Ion Ratio Lower Upper
 88 100
 43 0.0 22.9 34.3#
 58 18.5 49.8 74.8#



#50
 Toluene-d8
 Concen: 50.613 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX011015.D
 Acq: 19 Jul 2019 20:08

Tgt Ion: 98 Resp: 433128
 Ion Ratio Lower Upper
 98 100
 100 63.2 50.6 75.8

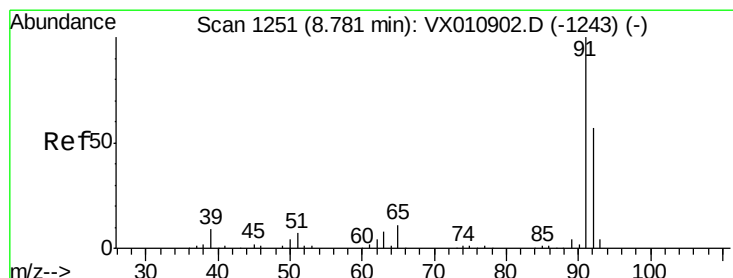
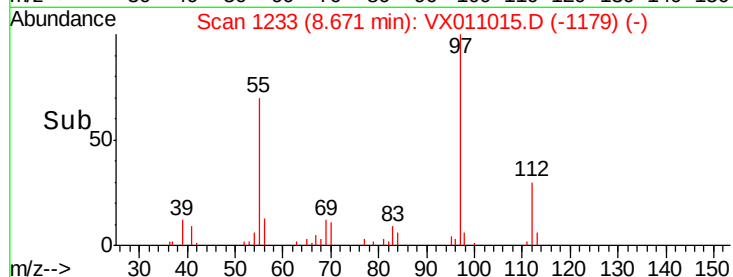
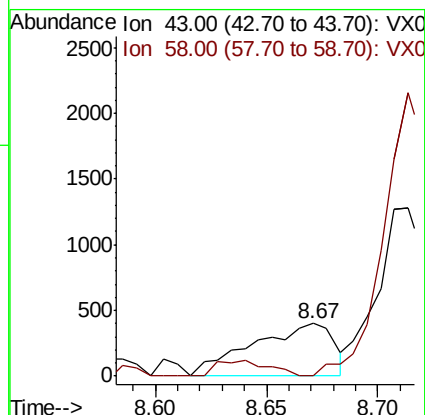
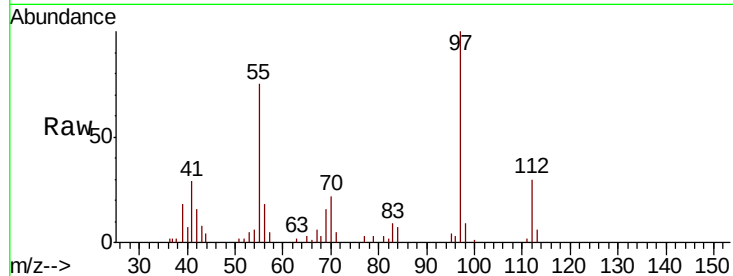




#51
4-Methyl-2-Pentanone
Concen: 0.317 ug/l
RT: 8.67 min Scan# 1233
Delta R.T. 0.03 min
Lab File: VX011015.D
Acq: 19 Jul 2019 20:08

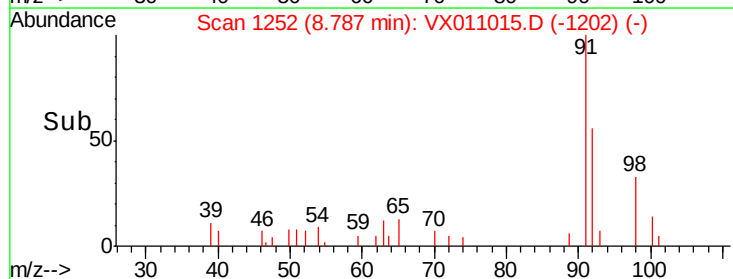
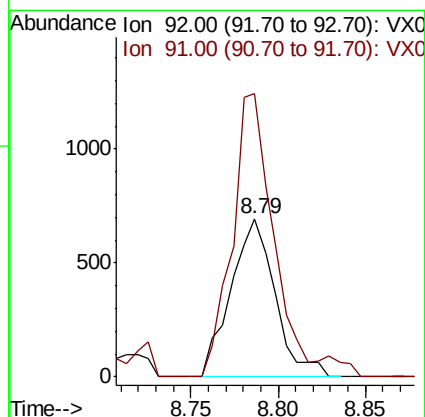
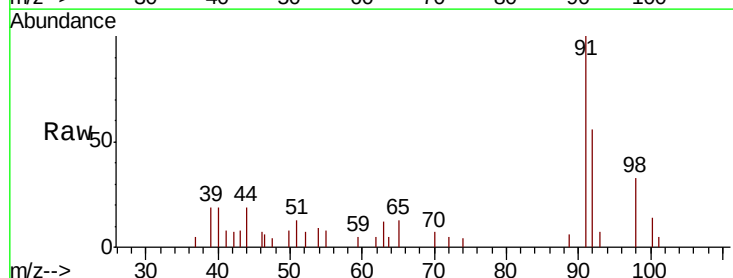
Instrument :
MSVOA_X
ClientSampleId :
FL-0625DL

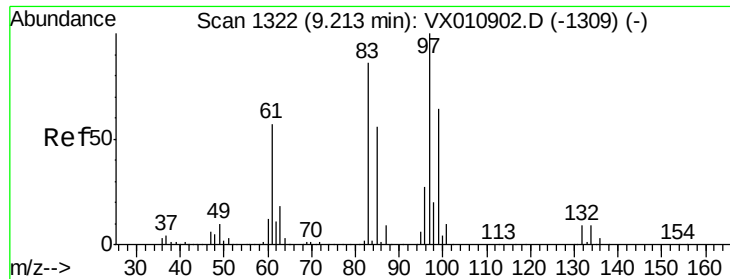
Tot Ion: 43 Resp: 1022
Ion Ratio Lower Upper
43 100
58 0.0 32.2 48.4#



#52
Toluene
Concen: 0.206 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.01 min
Lab File: VX011015.D
Acq: 19 Jul 2019 20:08

Tgt Ion: 92 Resp: 1223
Ion Ratio Lower Upper
92 100
91 165.8 139.4 209.0

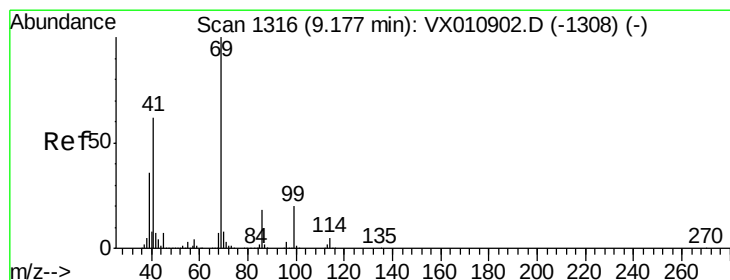
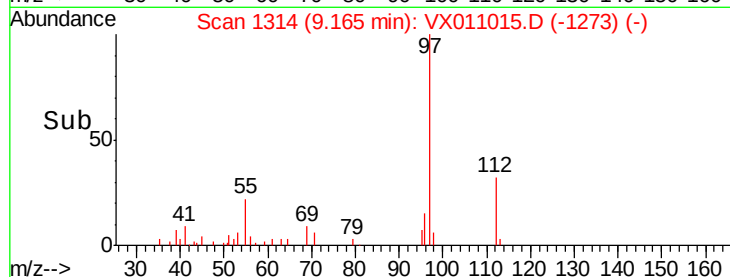
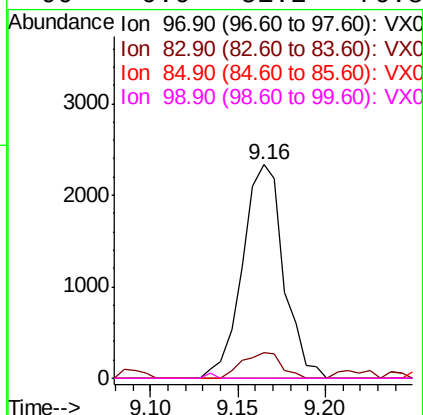
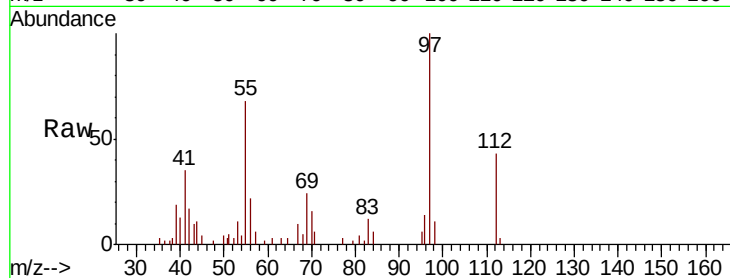




#55
 1,1,2-Trichloroethane
 Concen: 1.562 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.05 min
 Lab File: VX011015.D
 Acq: 19 Jul 2019 20:08

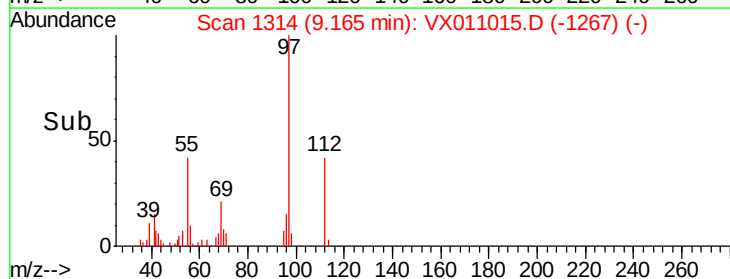
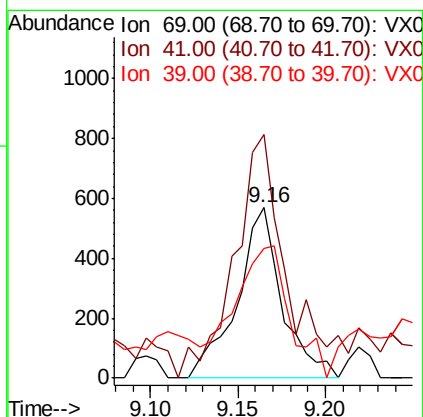
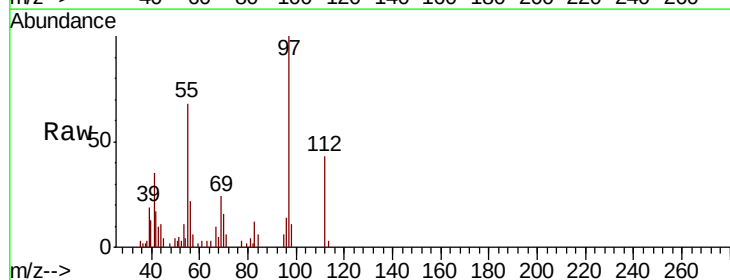
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0625DL

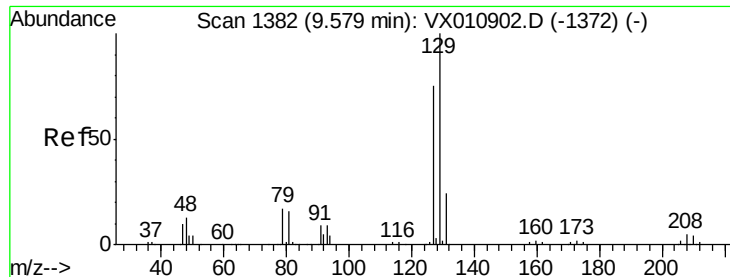
Tot Ion: 97 Resp: 3822
 Ion Ratio Lower Upper
 97 100
 83 11.9 69.2 103.8#
 85 0.0 44.6 66.8#
 99 0.0 51.2 76.8#



#56
 Ethyl methacrylate
 Concen: 0.284 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: VX011015.D
 Acq: 19 Jul 2019 20:08

Tgt Ion: 69 Resp: 1017
 Ion Ratio Lower Upper
 69 100
 41 160.0 49.7 74.5#
 39 97.3 29.6 44.4#





#60

Dibromochloromethane

Concen: 2.535 ug/l

RT: 9.38 min Scan# 1349

Delta R.T. -0.20 min

Lab File: VX011015.D

Acq: 19 Jul 2019 20:08

Instrument :

MSVOA_X

ClientSampleId :

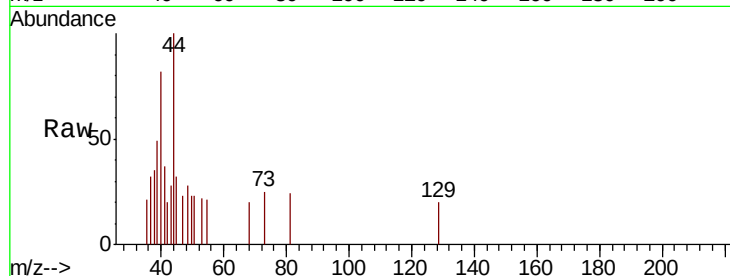
FL-0625DL

Tot Ion:129 Resp: 20

Ion Ratio Lower Upper

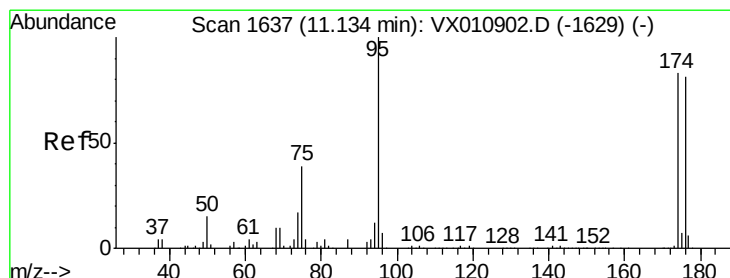
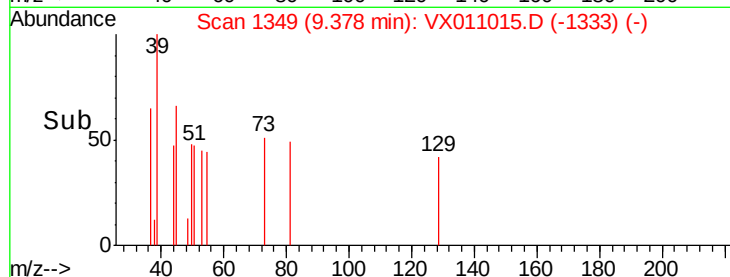
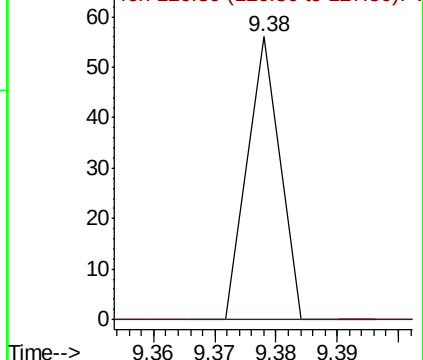
129 100

127 0.0 38.6 115.8#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#62

4-Bromofluorobenzene

Concen: 50.132 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011015.D

Acq: 19 Jul 2019 20:08

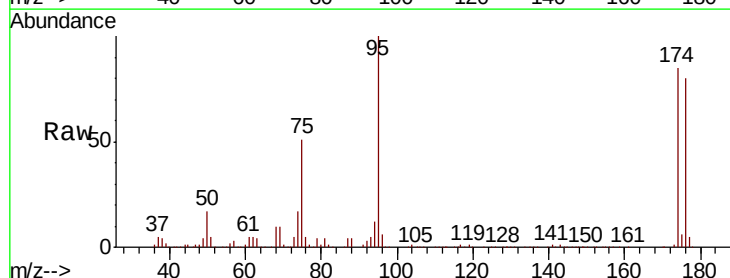
Tgt Ion: 95 Resp: 157691

Ion Ratio Lower Upper

95 100

174 89.0 0.0 180.6

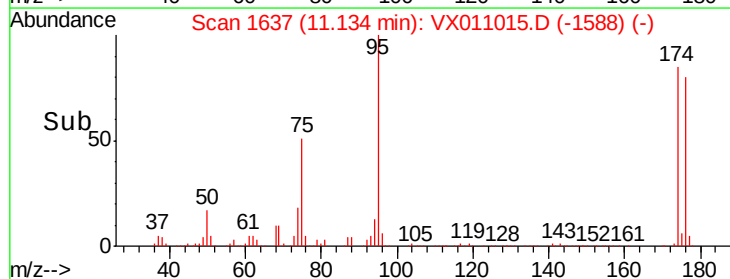
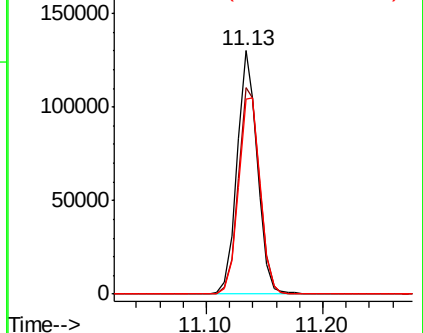
176 87.0 0.0 173.8

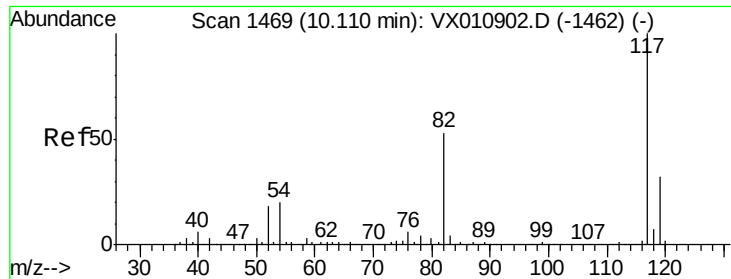


Abundance Ion 94.90 (94.60 to 95.60): VX0

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: VX011015.D

Acq: 19 Jul 2019 20:08

Instrument :

MSVOA_X

ClientSampleId :

FL-0625DL

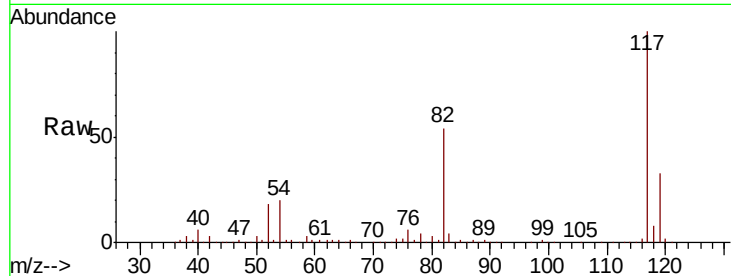
Tot Ion:117 Resp: 328439

Ion Ratio Lower Upper

117 100

82 53.9 42.6 63.8

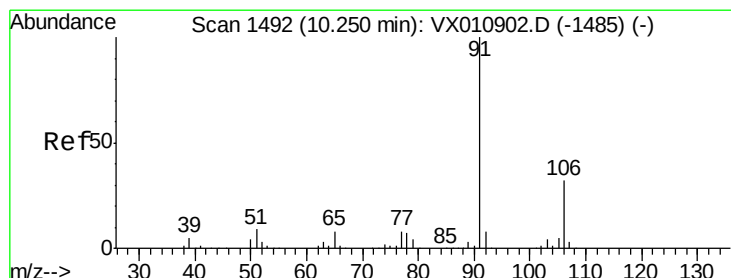
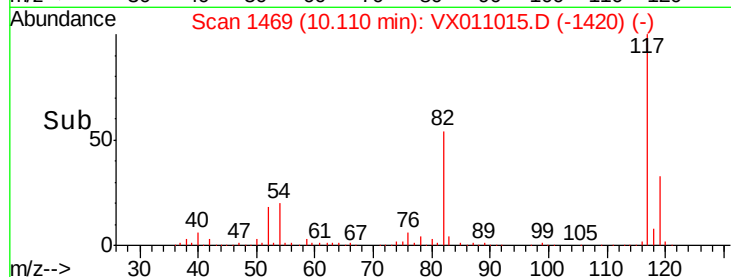
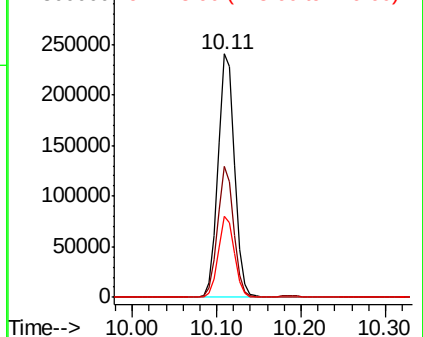
119 33.3 25.9 38.9



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: 37.983 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX011015.D

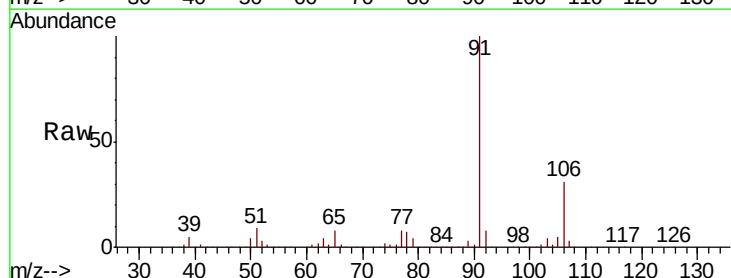
Acq: 19 Jul 2019 20:08

Tgt Ion: 91 Resp: 436135

Ion Ratio Lower Upper

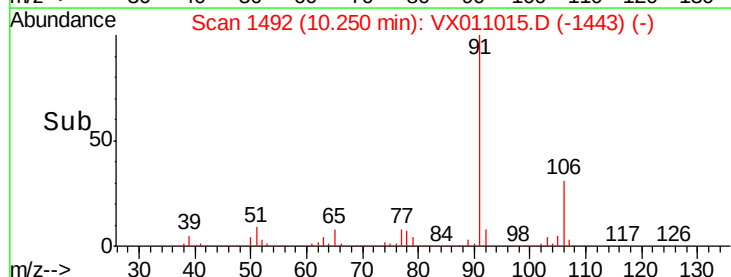
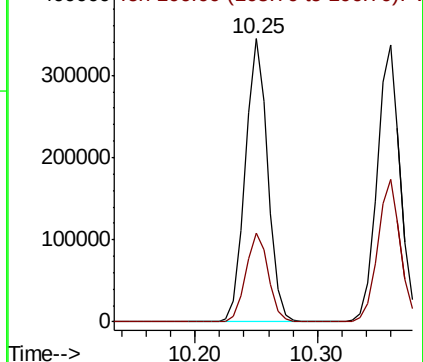
91 100

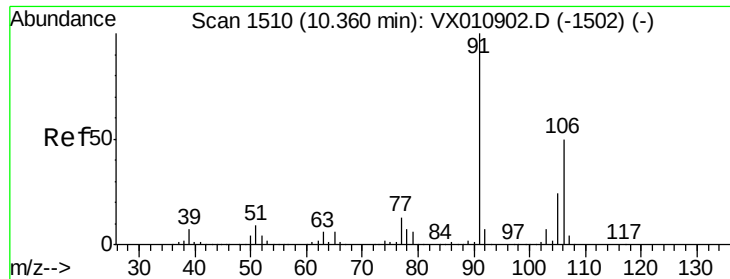
106 31.5 25.4 38.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

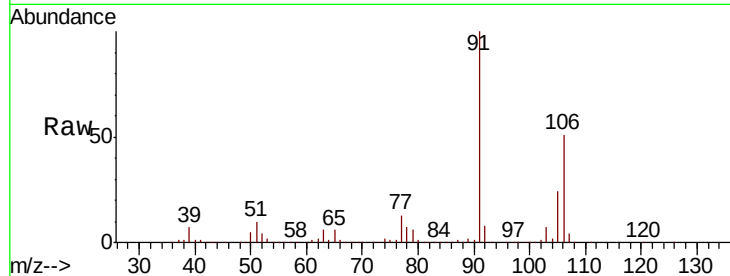




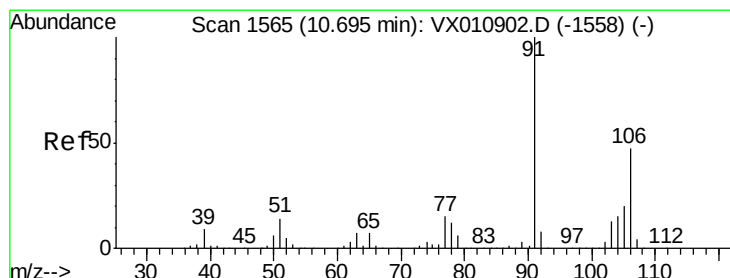
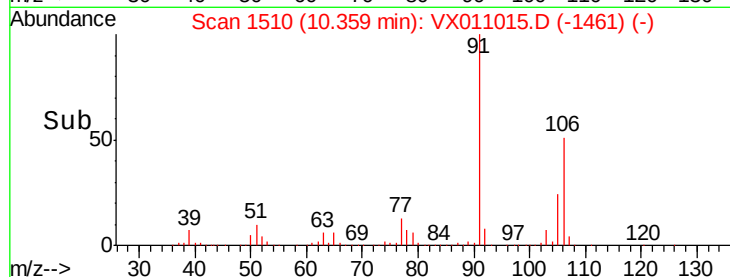
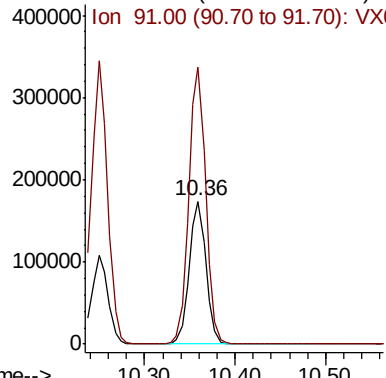
#68
m/p-Xylenes
Concen: 50.800 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX011015.D
Acq: 19 Jul 2019 20:08

Instrument :
MSVOA_X
ClientSampleId :
FL-0625DL

Tot Ion:106 Resp: 223749
Ion Ratio Lower Upper
106 100
91 196.9 160.1 240.1

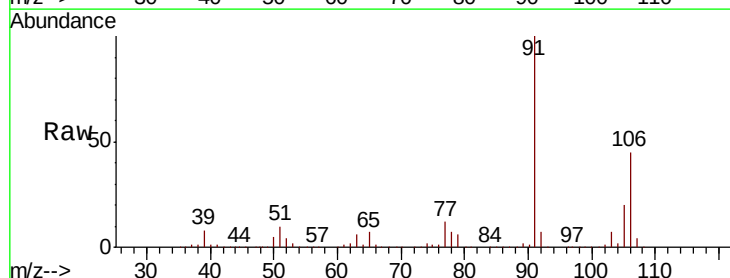


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

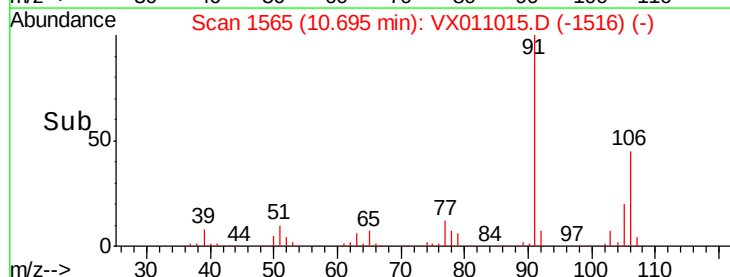
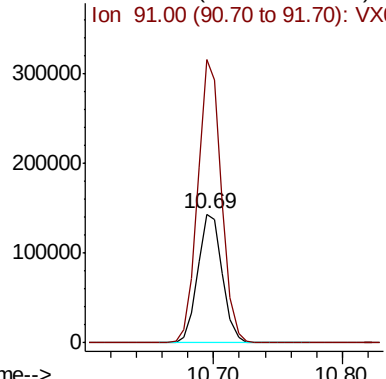


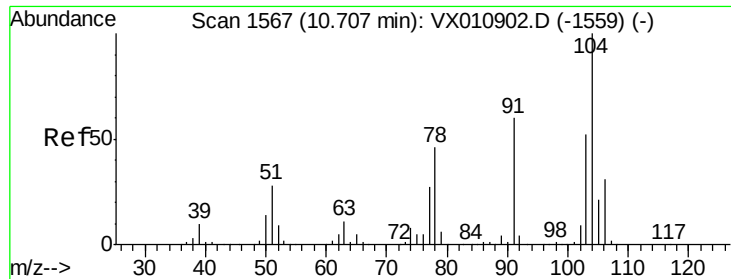
#69
o-Xylene
Concen: 44.516 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX011015.D
Acq: 19 Jul 2019 20:08

Tgt Ion:106 Resp: 191357
Ion Ratio Lower Upper
106 100
91 213.3 105.1 315.3



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

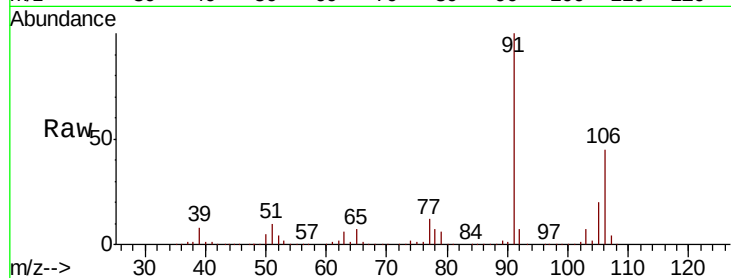




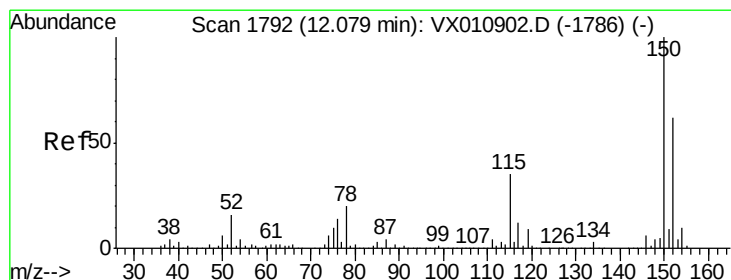
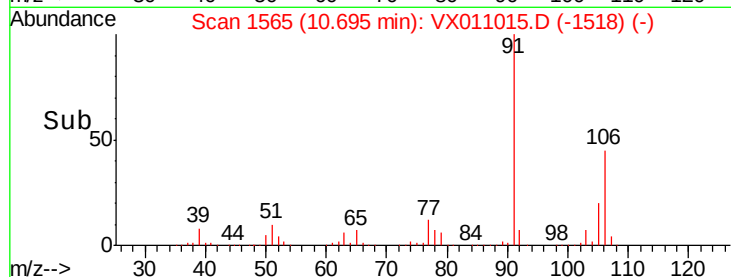
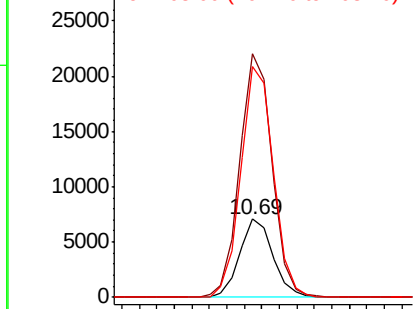
#70
Stvrene
Concen: 1.310 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX011015.D
Acq: 19 Jul 2019 20:08

Instrument :
MSVOA_X
ClientSampleId :
FL-0625DL

Tot Ion:104 Resp: 9390
Ion Ratio Lower Upper
104 100
78 301.9 38.8 58.2#
103 287.1 44.2 66.4#

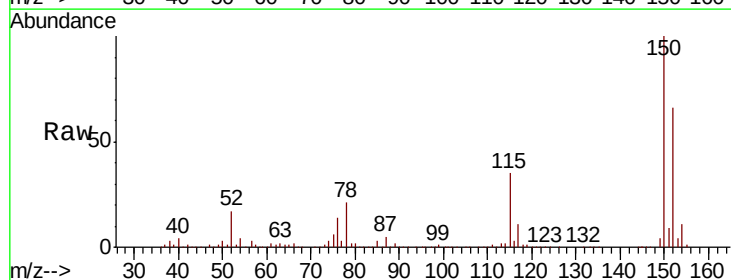


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

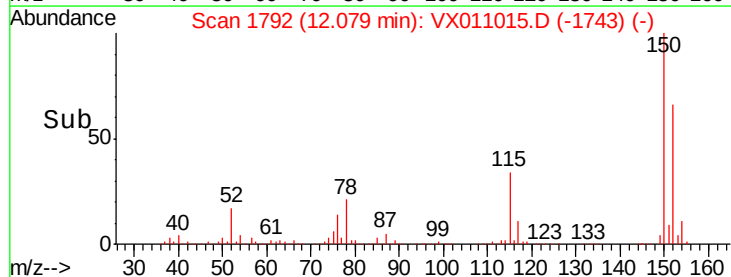
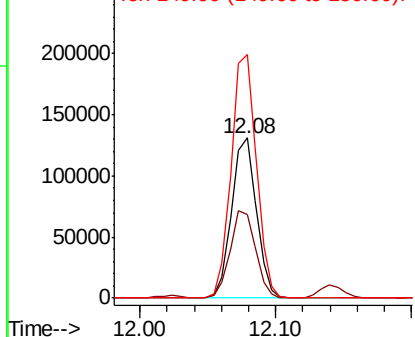


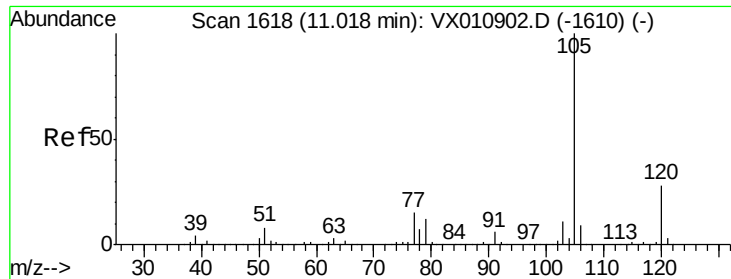
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX011015.D
Acq: 19 Jul 2019 20:08

Tgt Ion:152 Resp: 165990
Ion Ratio Lower Upper
152 100
115 56.2 39.7 119.1
150 154.9 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: 5.792 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX011015.D

Acq: 19 Jul 2019 20:08

Instrument :

MSVOA_X

ClientSampleId :

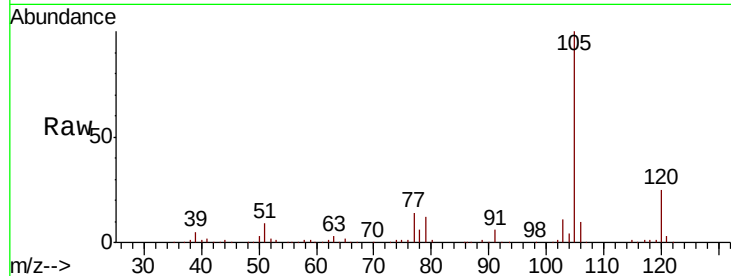
FL-0625DL

Tot Ion:105 Resp: 64960

Ion Ratio Lower Upper

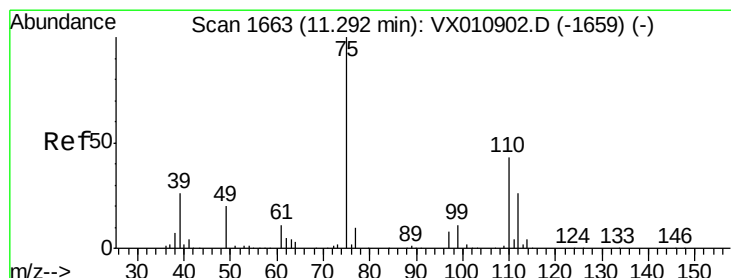
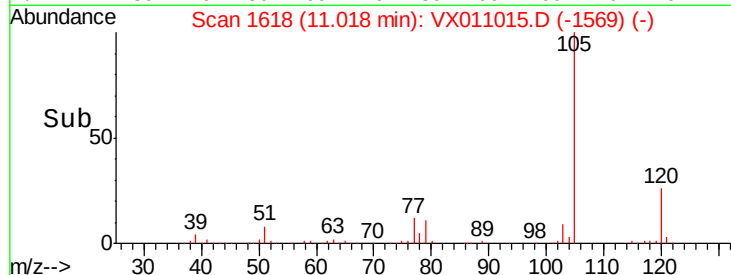
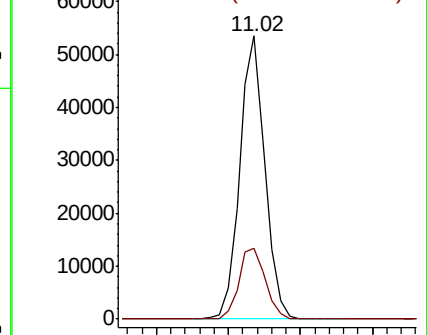
105 100

120 26.7 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

1,2,3-Trichloropropane

Concen: 1.702 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.14 min

Lab File: VX011015.D

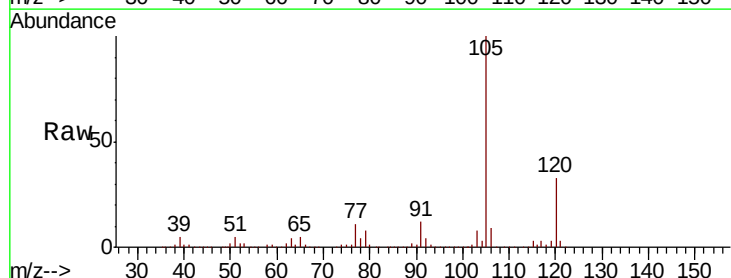
Acq: 19 Jul 2019 20:08

Tgt Ion: 75 Resp: 5099

Ion Ratio Lower Upper

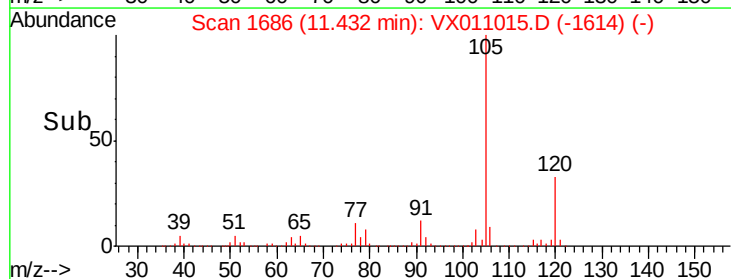
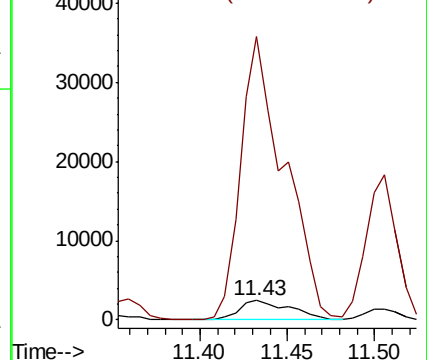
75 100

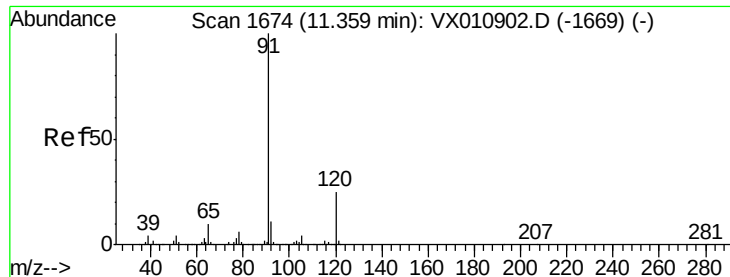
77 1220.4 21.3 64.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 7.616 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX011015.D

Acq: 19 Jul 2019 20:08

Instrument :

MSVOA_X

ClientSampleId :

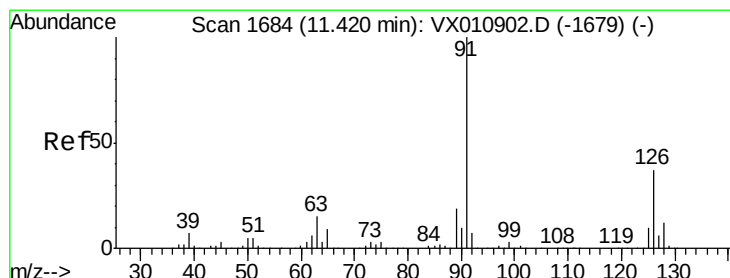
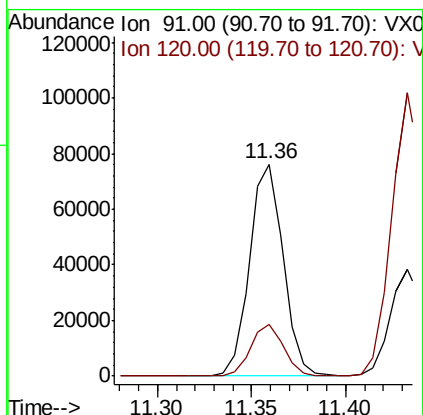
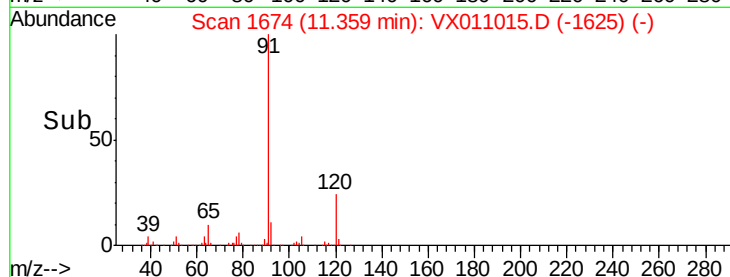
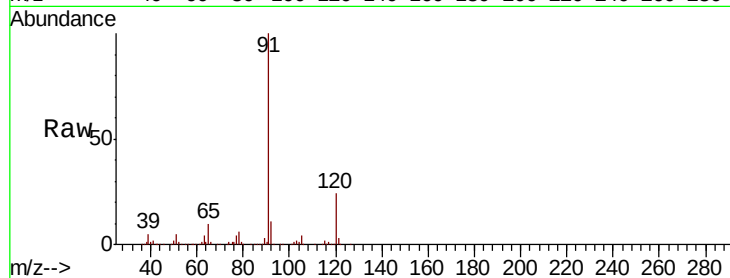
FL-0625DL

Tot Ion: 91 Resp: 94386

Ion Ratio Lower Upper

91 100

120 23.8 12.3 36.8



#79

2-Chlorotoluene

Concen: 9.060 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX011015.D

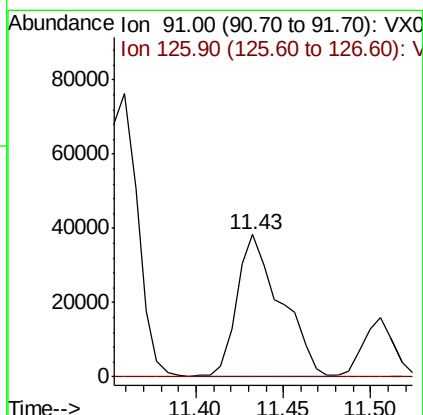
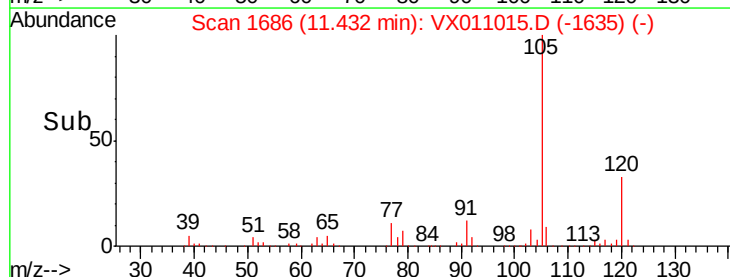
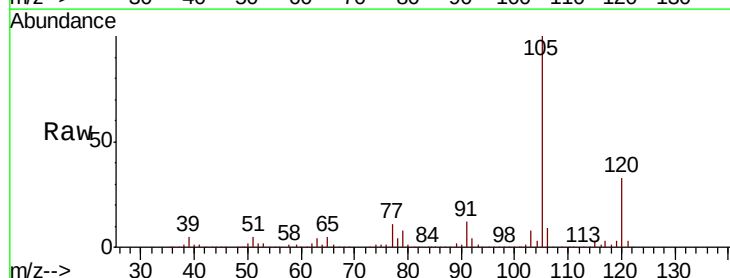
Acq: 19 Jul 2019 20:08

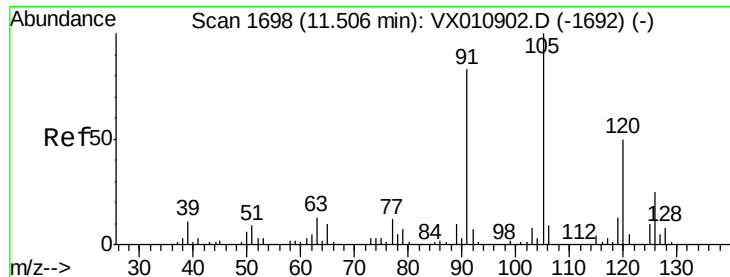
Tgt Ion: 91 Resp: 67451

Ion Ratio Lower Upper

91 100

126 0.0 18.0 54.0#

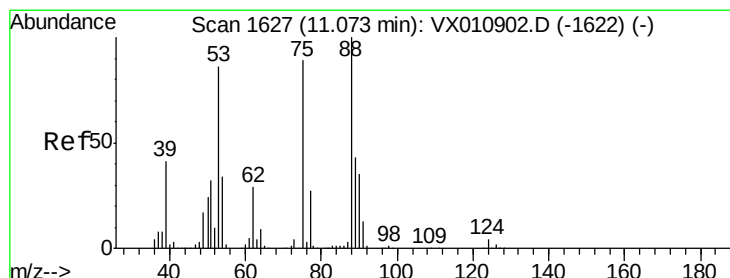
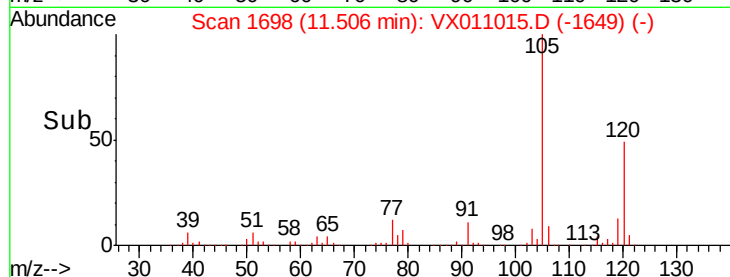
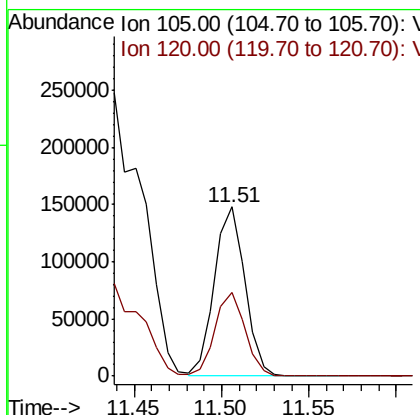
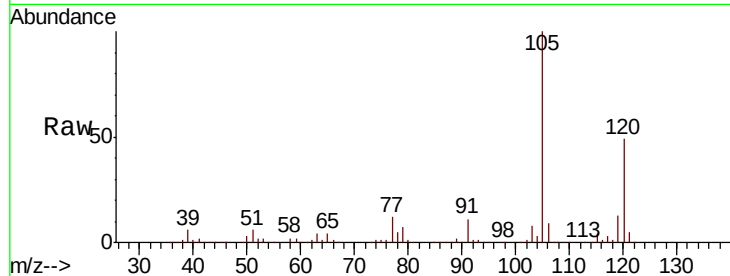




#80
 1,3,5-Trimethylbenzene
 Concen: 19.256 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX011015.D
 Acq: 19 Jul 2019 20:08

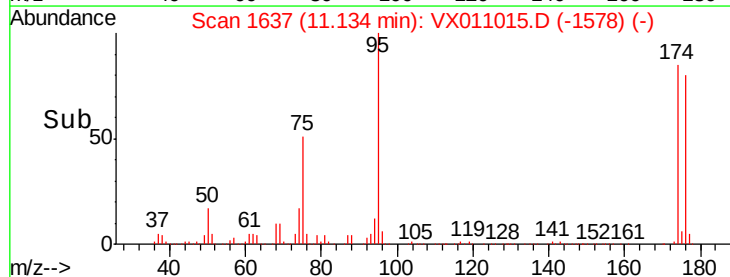
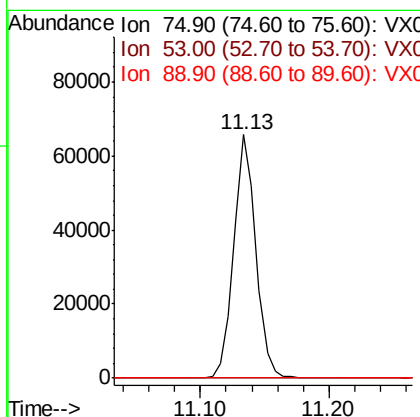
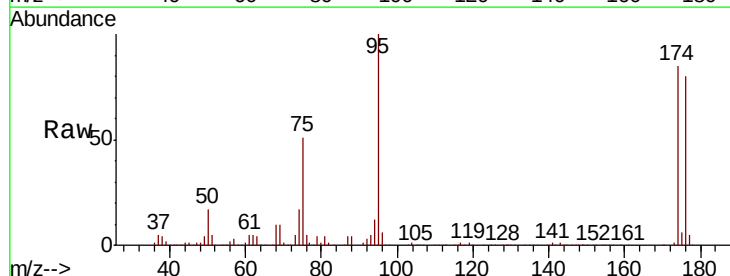
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0625DL

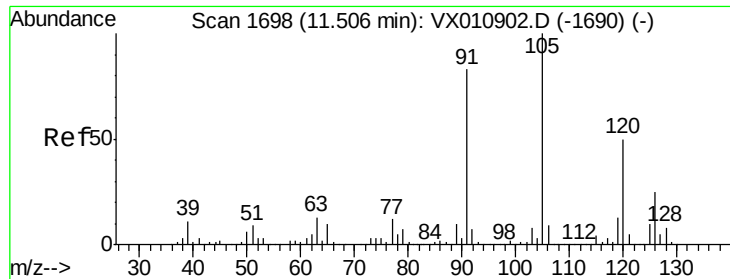
Tot Ion:105 Resp: 180464
 Ion Ratio Lower Upper
 105 100
 120 49.0 24.6 73.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.277 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX011015.D
 Acq: 19 Jul 2019 20:08

Tgt Ion: 75 Resp: 78738
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.7 115.1#
 89 0.1 38.5 57.7#

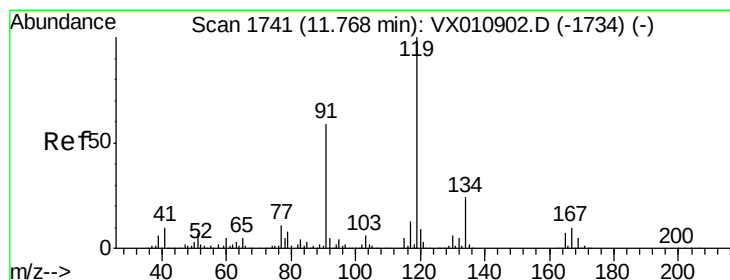
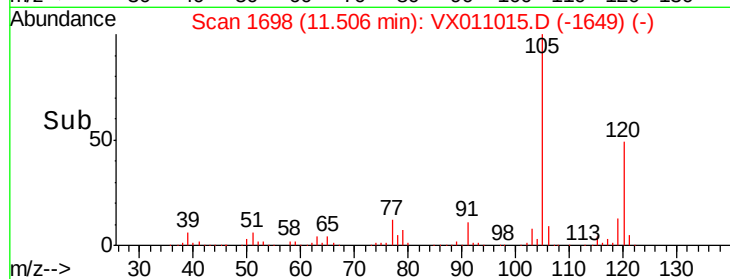
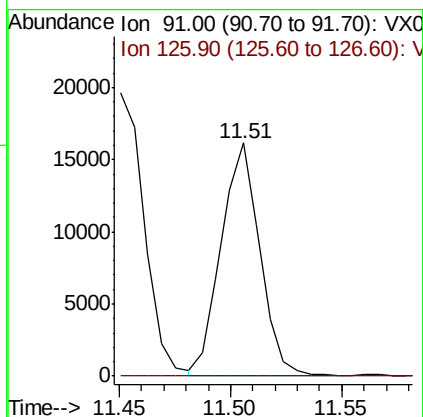
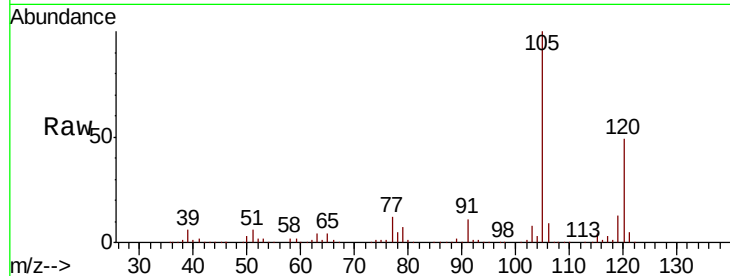




#82
 4-Chlorotoluene
 Concen: 2.227 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX011015.D
 Acq: 19 Jul 2019 20:08

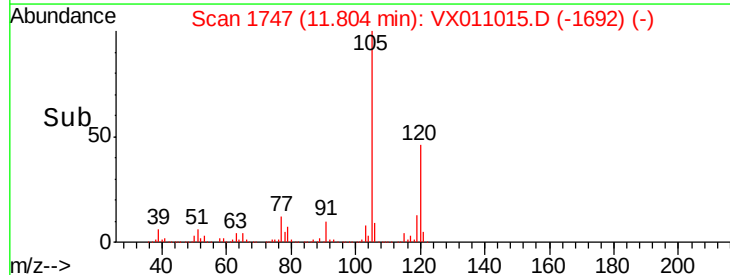
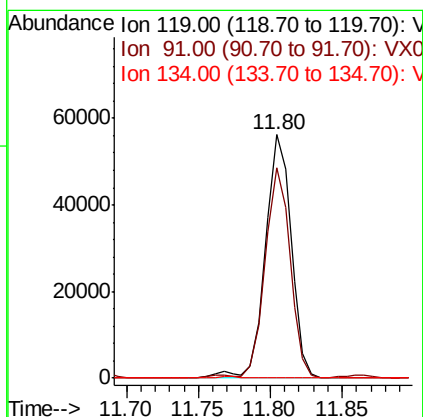
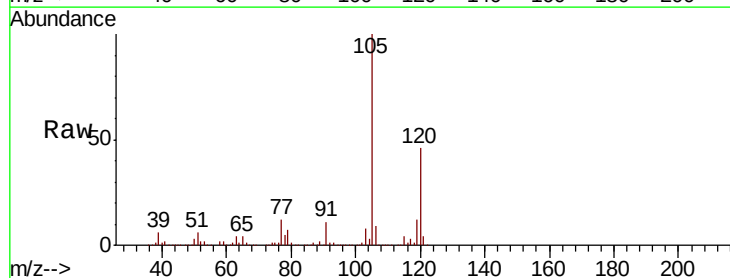
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0625DL

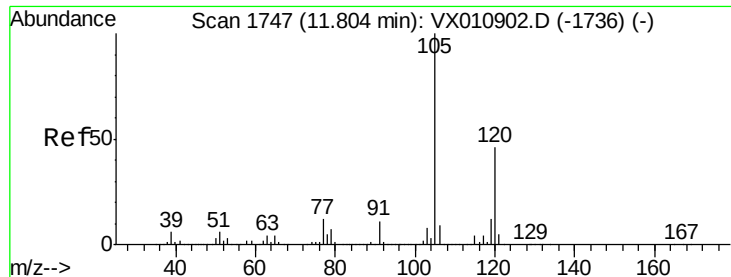
Tot Ion: 91 Resp: 19295
 Ion Ratio Lower Upper
 91 100
 126 0.0 15.9 47.7#



#83
 tert-Butylbenzene
 Concen: 7.578 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.04 min
 Lab File: VX011015.D
 Acq: 19 Jul 2019 20:08

Tgt Ion: 119 Resp: 69762
 Ion Ratio Lower Upper
 119 100
 91 84.7 28.6 85.8
 134 0.0 11.6 34.8#





#84

1,2,4-Trimethylbenzene

Concen: 58.322 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX011015.D

Acq: 19 Jul 2019 20:08

Instrument :

MSVOA_X

ClientSampled :

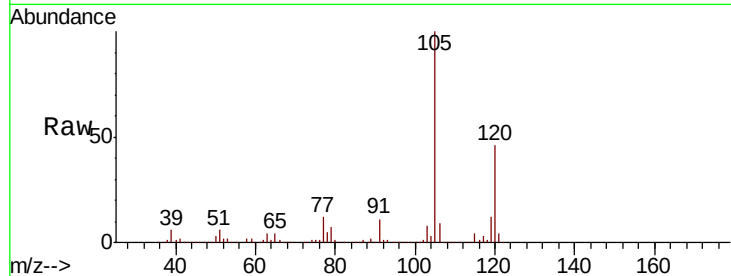
FL-0625DL

Tot Ion:105 Resp: 550917

Ion Ratio Lower Upper

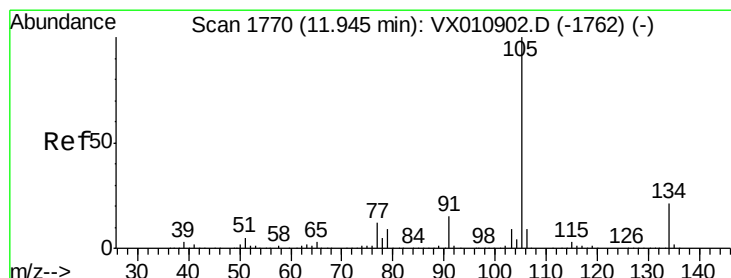
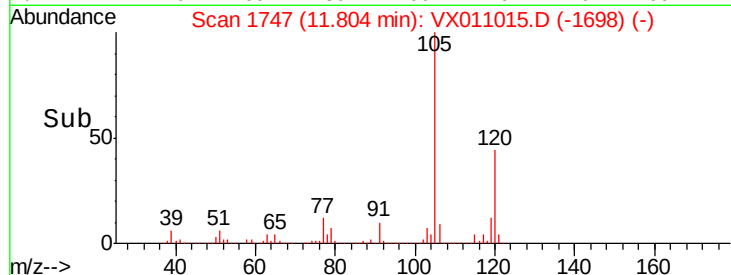
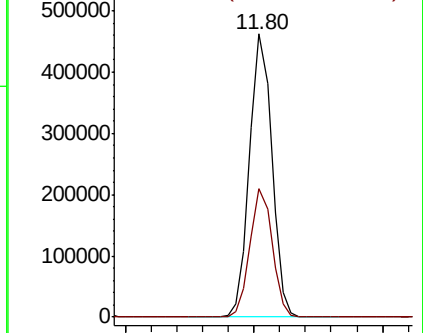
105 100

120 45.4 22.9 68.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 51.074 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.14 min

Lab File: VX011015.D

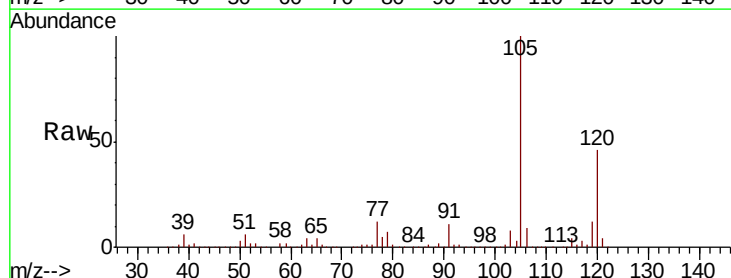
Acq: 19 Jul 2019 20:08

Tgt Ion:105 Resp: 550917

Ion Ratio Lower Upper

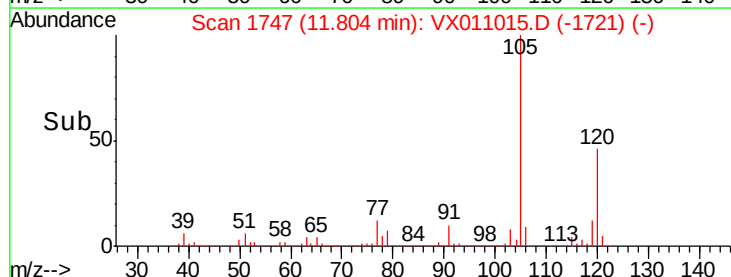
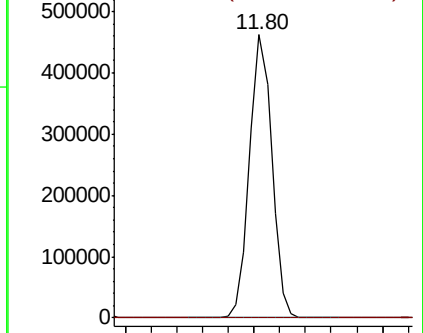
105 100

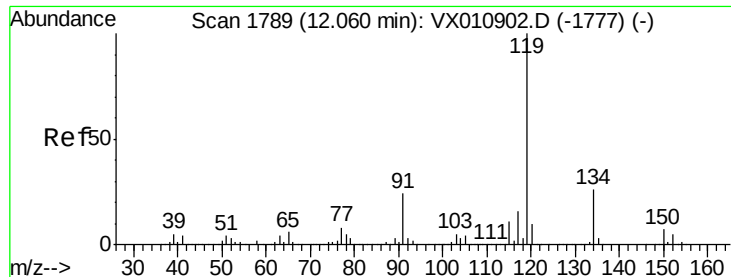
134 0.0 10.4 31.4#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

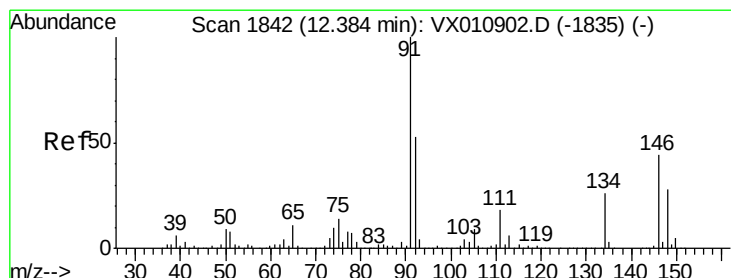
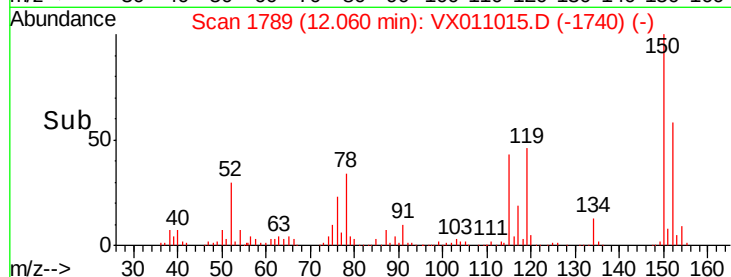
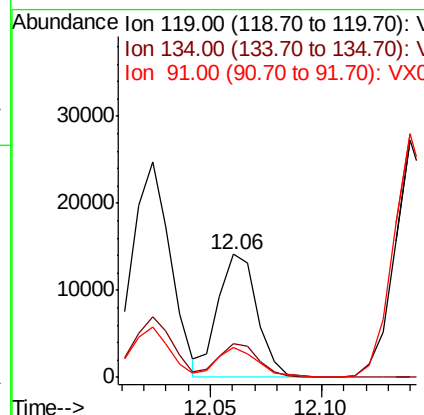
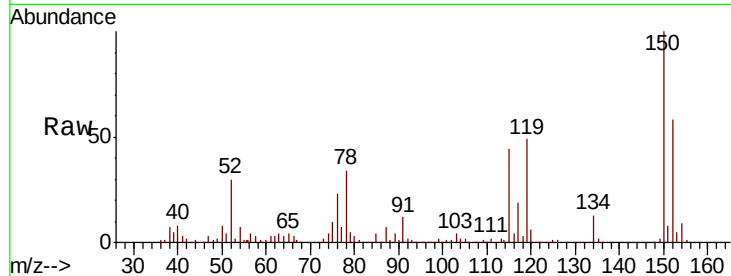




#86
p-Isopropyltoluene
Concen: 1.738 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX011015.D
Acq: 19 Jul 2019 20:08

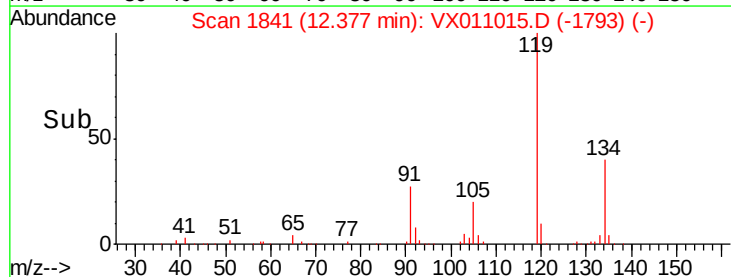
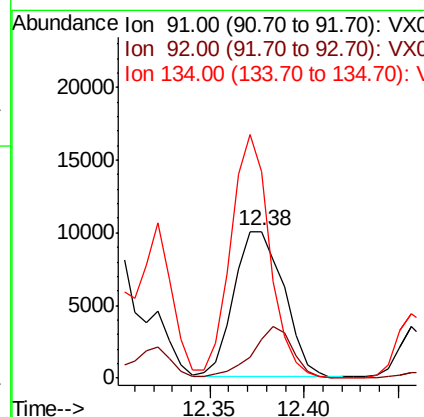
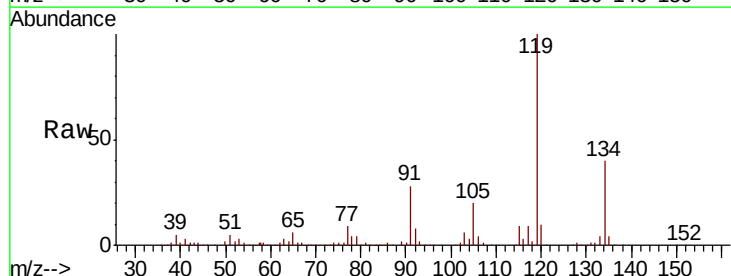
Instrument :
MSVOA_X
ClientSampleID :
FL-0625DL

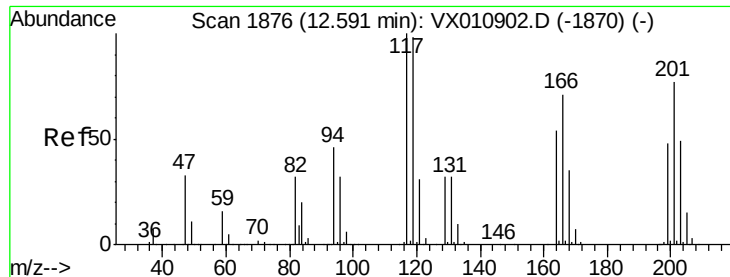
Tot Ion:119 Resp: 17331
Ion Ratio Lower Upper
119 100
134 28.6 13.4 40.1
91 24.4 11.8 35.4



#89
n-Butylbenzene
Concen: 2.168 ug/l
RT: 12.38 min Scan# 1841
Delta R.T. -0.01 min
Lab File: VX011015.D
Acq: 19 Jul 2019 20:08

Tgt Ion: 91 Resp: 18497
Ion Ratio Lower Upper
91 100
92 29.1 26.2 78.5
134 129.7 13.8 41.3#





#90

Hexachloroethane

Concen: 5.893 ug/l

RT: 12.61 min Scan# 1879

Delta R.T. 0.02 min

Lab File: VX011015.D

Acq: 19 Jul 2019 20:08

Instrument :

MSVOA_X

ClientSampled :

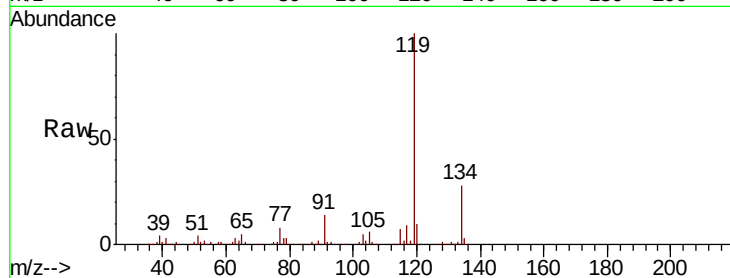
FL-0625DL

Tot Ion:117 Resp: 9269

Ion Ratio Lower Upper

117 100

201 0.0 43.3 129.8#

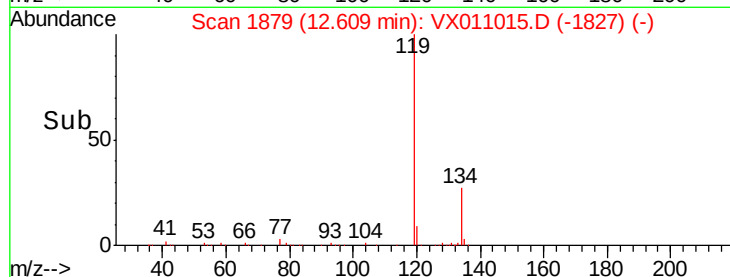


Abundance Ion 116.80 (116.50 to 117.50): V

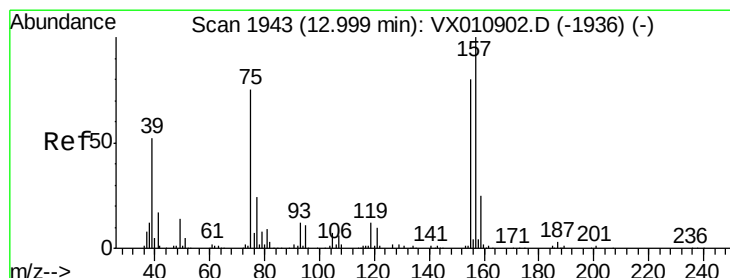
Ion 200.70 (200.40 to 201.40): V

12.61

Time-->



Time-->



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.755 ug/l

RT: 13.01 min Scan# 1945

Delta R.T. 0.01 min

Lab File: VX011015.D

Acq: 19 Jul 2019 20:08

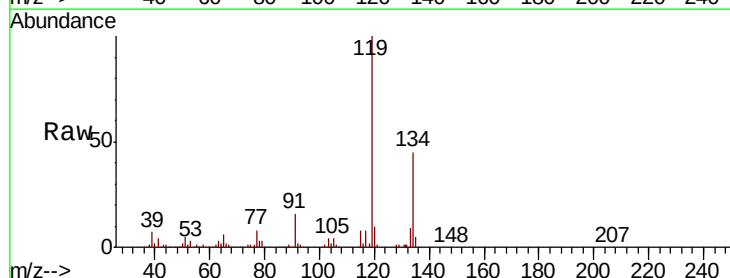
Tgt Ion: 75 Resp: 579

Ion Ratio Lower Upper

75 100

155 0.0 48.7 146.1#

157 0.0 62.5 187.6#



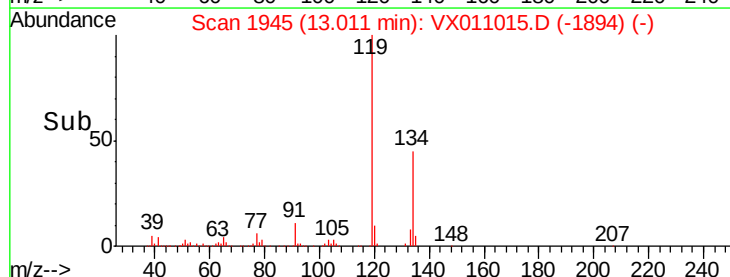
Abundance Ion 74.90 (74.60 to 75.60): VX0

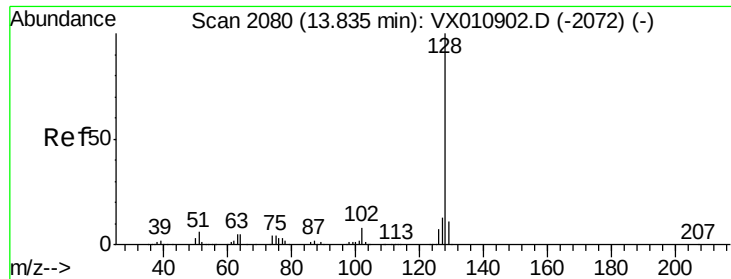
Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

13.01

Time-->

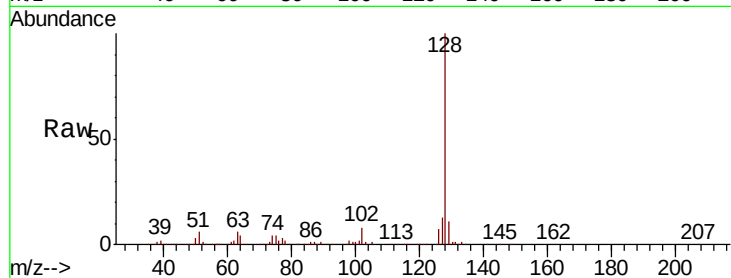




#95
Naphthalene
Concen: 8.345 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX011015.D
Acq: 19 Jul 2019 20:08

Instrument :
MSVOA_X
ClientSampleId :
FL-0625DL

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.4	15.6
129	11.4	8.9	13.3



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

