

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072019\
 Data File : VX011009.D
 Acq On : 19 Jul 2019 17:48
 Operator : JC/SP
 Sample : K3884-03DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0612DL

Quant Time: Jul 20 01:04:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 17 06:57:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	232900	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	363439	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	336363	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	166308	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	126638	51.11	ug/l	0.00
Spiked Amount			Recovery	=	102.22%	
35) Dibromofluoromethane	5.50	113	111068	48.15	ug/l	0.00
Spiked Amount			Recovery	=	96.30%	
50) Toluene-d8	8.71	98	436784	50.48	ug/l	0.00
Spiked Amount			Recovery	=	100.96%	
62) 4-Bromofluorobenzene	11.13	95	163411	51.38	ug/l	0.00
Spiked Amount			Recovery	=	102.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.21	85	45	0.564	ug/l #	43
5) Bromomethane	1.65	94	513	0.417	ug/l	82
11) Tert butyl alcohol	3.02	59	10481	18.164	ug/l #	73
13) Acrolein	2.32	56	79	0.237	ug/l #	5
14) Allyl chloride	2.84	41	4383	1.455	ug/l #	64
15) Acrylonitrile	3.17	53	1780	1.527	ug/l #	35
16) Acetone	2.45	43	2478	2.214	ug/l #	84
18) Methyl Acetate	2.84	43	10096	3.962	ug/l #	48
25) 2-Butanone	4.68	43	1082	0.674	ug/l #	84
31) Cyclohexane	5.58	56	78084	23.211	ug/l	97
36) 1,1-Dichloropropene	5.67	75	15517	5.198	ug/l #	48
38) Carbon Tetrachloride	5.67	117	20956	6.736	ug/l #	18
39) Methylcyclohexane	7.46	83	105779	27.323	ug/l	96
43) Isopropyl Acetate	6.46	43	1857	0.369	ug/l #	58
45) 1,2-Dichloropropane	7.46	63	1393	0.598	ug/l #	1
48) Methyl methacrylate	7.74	41	4863	1.986	ug/l #	58
49) 1,4-Dioxane	7.63	88	26	0.380	ug/l #	1
51) 4-Methyl-2-Pentanone	8.66	43	1480	0.454	ug/l #	35
52) Toluene	8.78	92	3394	0.565	ug/l	97
55) 1,1,2-Trichloroethane	9.16	97	7242	2.928	ug/l #	19
56) Ethyl methacrylate	9.16	69	1884	0.521	ug/l #	26
67) Ethyl Benzene	10.25	91	386172	32.840	ug/l	100
68) m/p-Xylenes	10.36	106	325556	72.173	ug/l	100
69) o-Xylene	10.69	106	152631	34.671	ug/l	99
70) Styrene	10.69	104	7511	1.023	ug/l #	1
73) Isopropylbenzene	11.02	105	52578	4.679	ug/l	100
76) 1,2,3-Trichloropropane	11.43	75	2925	0.975	ug/l #	1
78) n-propylbenzene	11.36	91	77105	6.210	ug/l	99
79) 2-Chlorotoluene	11.43	91	37087	4.972	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.51	105	117888	12.555	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.13	75	81378	67.211	ug/l #	11
82) 4-Chlorotoluene	11.51	91	12557	1.446	ug/l #	43
83) tert-Butylbenzene	11.77	119	2561	0.278	ug/l	74
84) 1,2,4-Trimethylbenzene	11.80	105	318687	33.673	ug/l	100

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

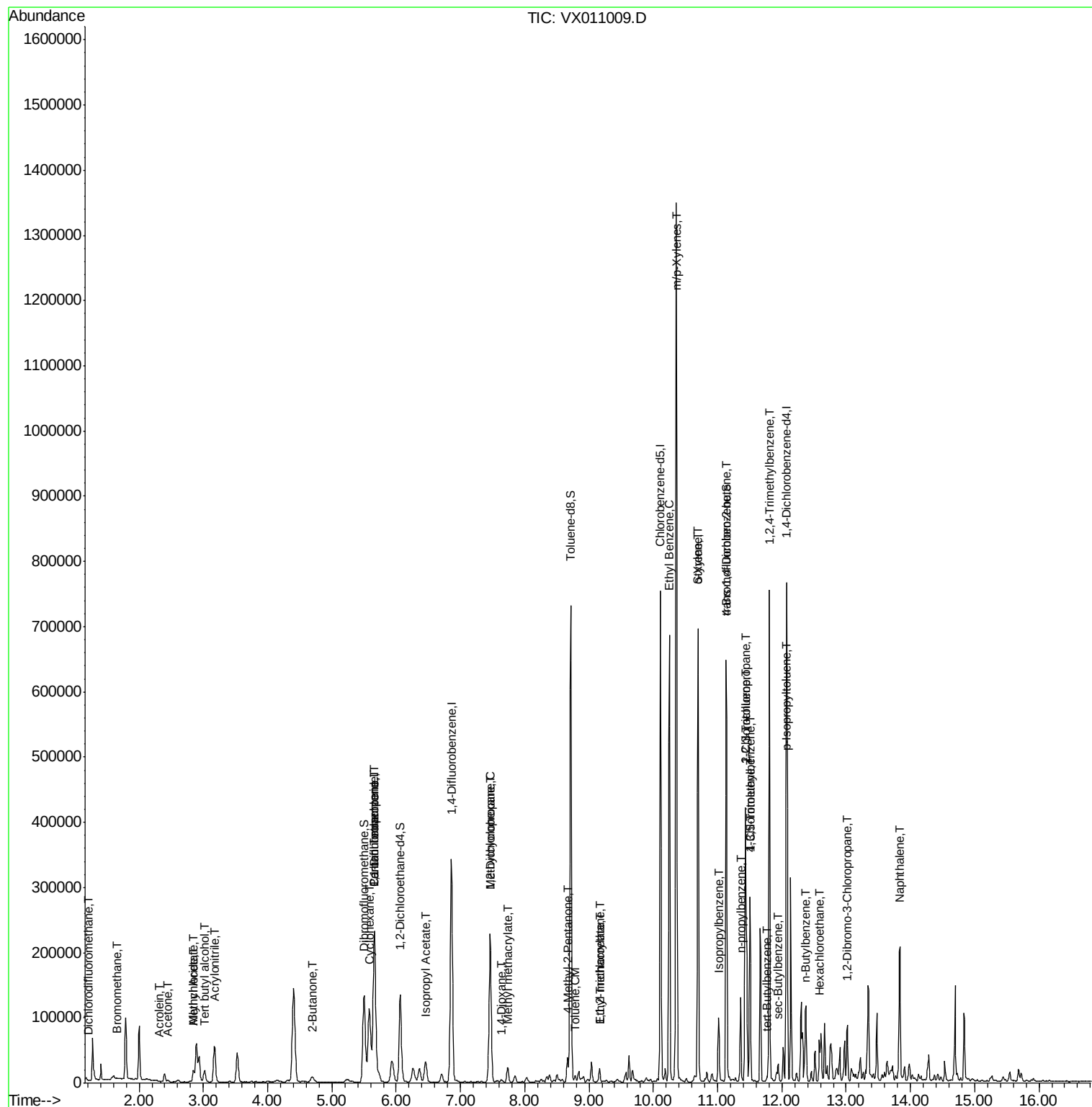
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	11.94	105	13408	1.241	ug/l	97
86) p-Isopropyltoluene	12.06	119	13725	1.374	ug/l	96
89) n-Butylbenzene	12.38	91	17226	2.015	ug/l #	26
90) Hexachloroethane	12.58	117	2982	1.892	ug/l #	6
92) 1,2-Dibromo-3-Chloropropan	13.01	75	338	0.440	ug/l #	1
95) Naphthalene	13.83	128	129780	12.164	ug/l	99

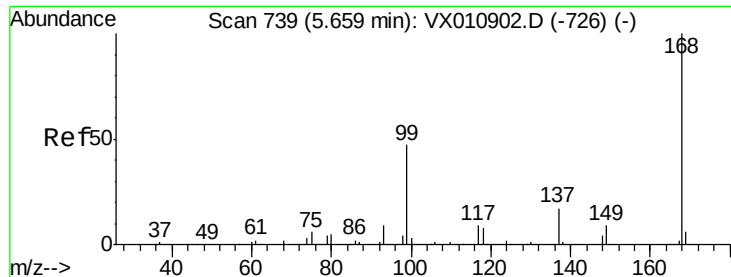
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX011009.D

Acq: 19 Jul 2019 17:48

Instrument :

MSVOA_X

ClientSampled :

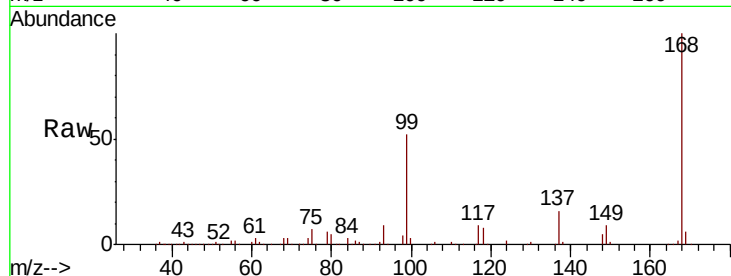
FL-0612DL

Tot Ion:168 Resp: 232900

Ion Ratio Lower Upper

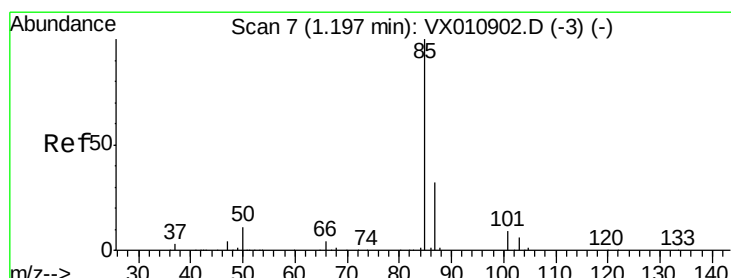
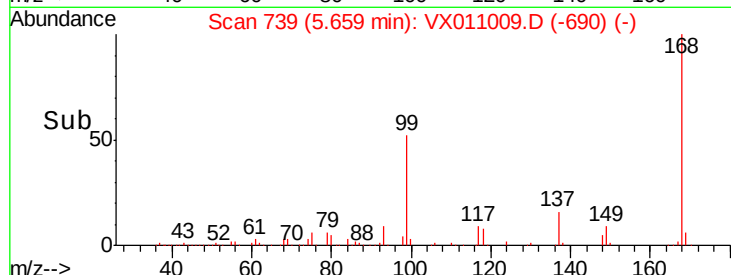
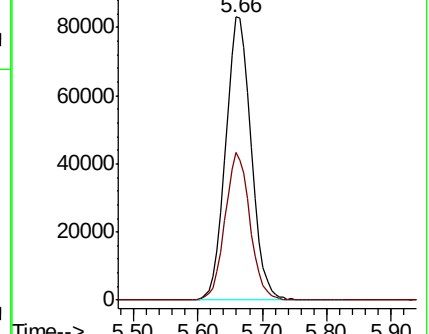
168 100

99 52.3 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 0.564 ug/l

RT: 1.21 min Scan# 9

Delta R.T. 0.01 min

Lab File: VX011009.D

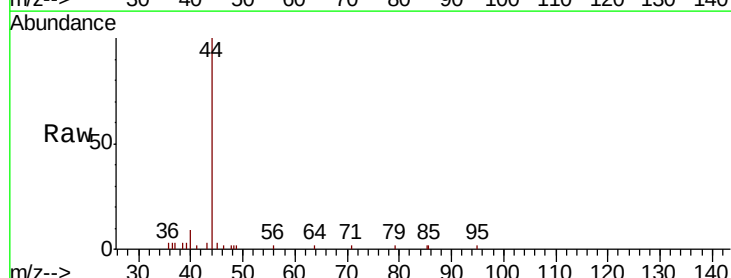
Acq: 19 Jul 2019 17:48

Tgt Ion: 85 Resp: 45

Ion Ratio Lower Upper

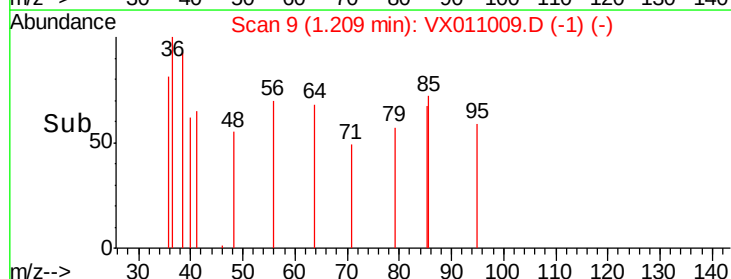
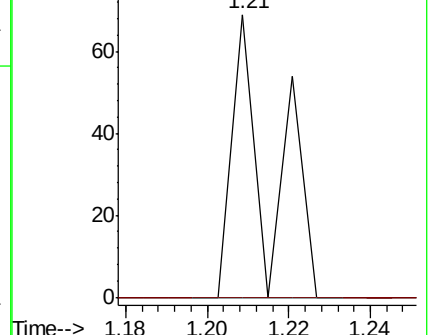
85 100

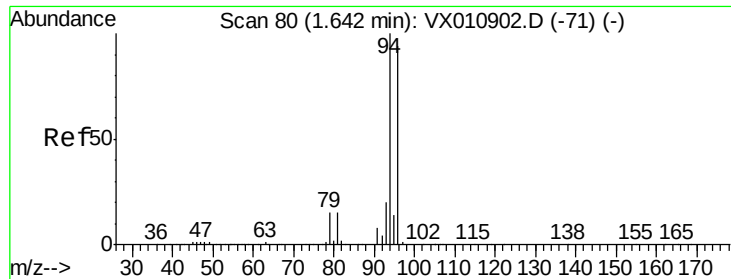
87 0.0 15.9 47.7#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#5

Bromomethane

Concen: 0.417 ug/l

RT: 1.65 min Scan# 82

Delta R.T. 0.01 min

Lab File: VX011009.D

Acq: 19 Jul 2019 17:48

Instrument :

MSVOA_X

ClientSampled :

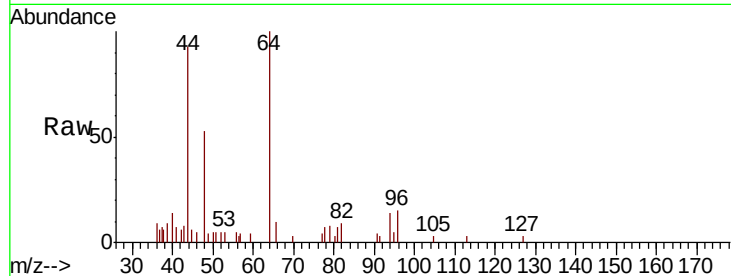
FL-0612DL

Tot Ion: 94 Resp: 513

Ion Ratio Lower Upper

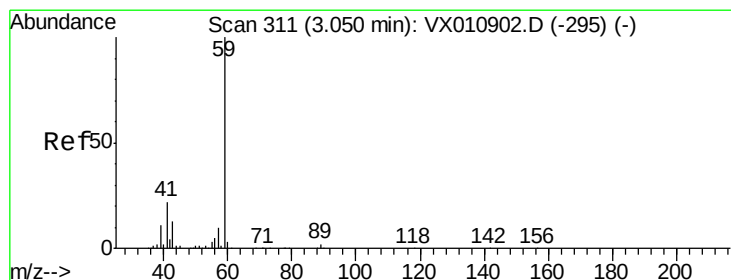
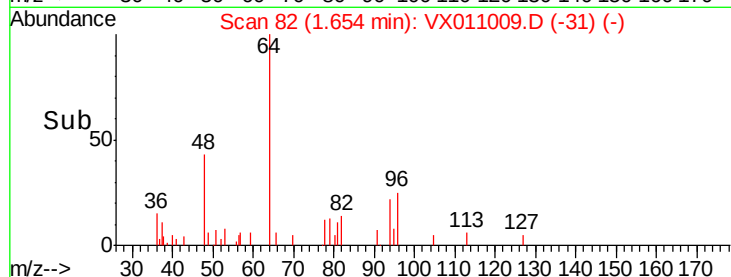
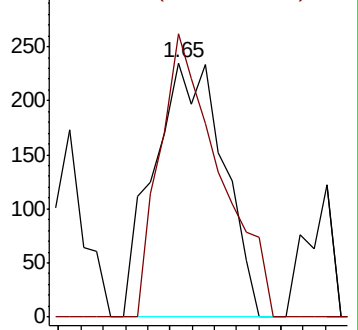
94 100

96 111.5 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: 18.164 ug/l

RT: 3.02 min Scan# 306

Delta R.T. -0.03 min

Lab File: VX011009.D

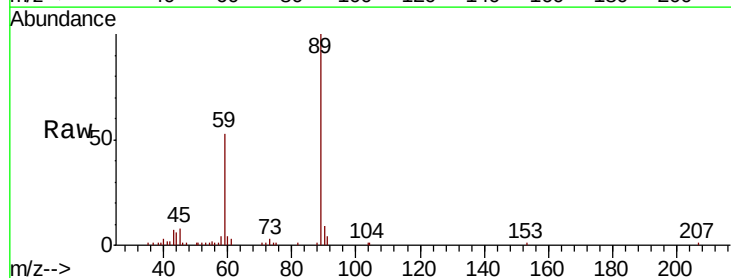
Acq: 19 Jul 2019 17:48

Tgt Ion: 59 Resp: 10481

Ion Ratio Lower Upper

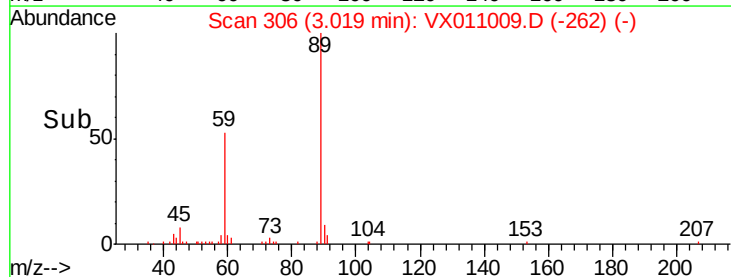
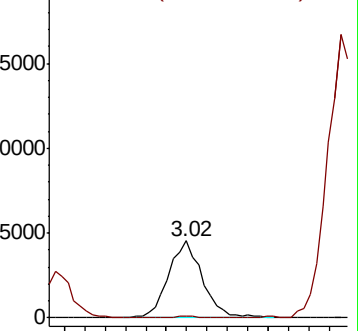
59 100

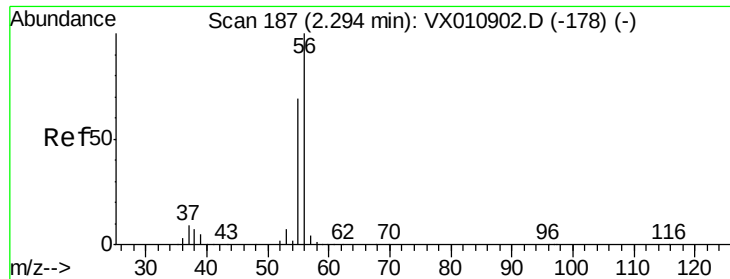
57 0.0 7.9 11.9#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: 0.237 ug/l

RT: 2.32 min Scan# 191

Delta R.T. 0.02 min

Lab File: VX011009.D

Acq: 19 Jul 2019 17:48

Instrument :

MSVOA_X

ClientSampleId :

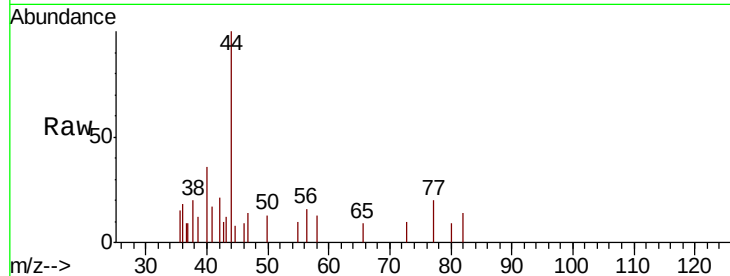
FL-0612DL

Tot Ion: 56 Resp: 79

Ion Ratio Lower Upper

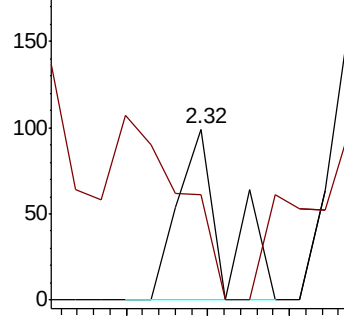
56 100

55 148.1 55.9 83.9#

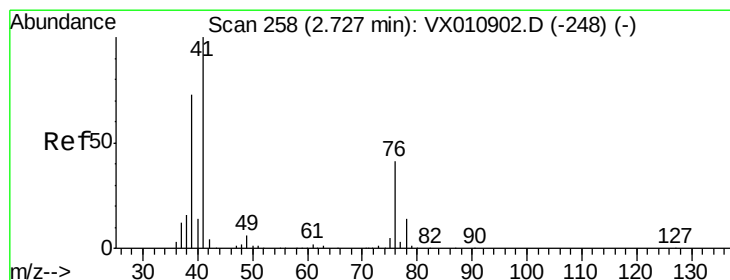
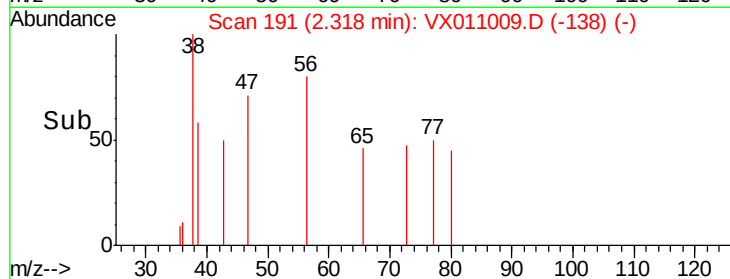


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



Time-->



#14

Allyl chloride

Concen: 1.455 ug/l

RT: 2.84 min Scan# 277

Delta R.T. 0.12 min

Lab File: VX011009.D

Acq: 19 Jul 2019 17:48

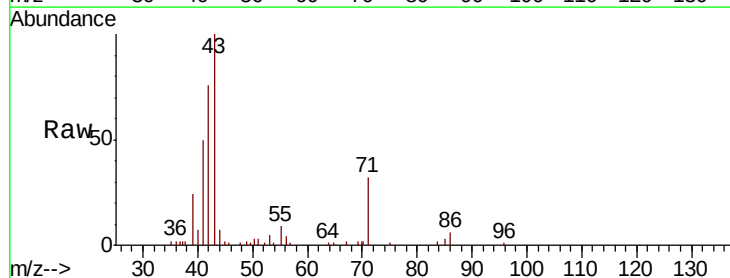
Tgt Ion: 41 Resp: 4383

Ion Ratio Lower Upper

41 100

39 49.2 53.6 80.4#

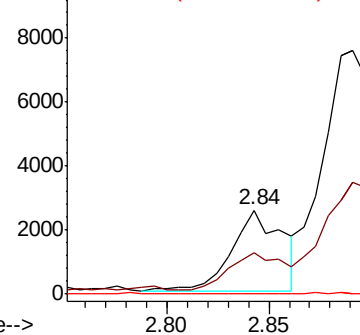
76 0.0 29.7 44.5#



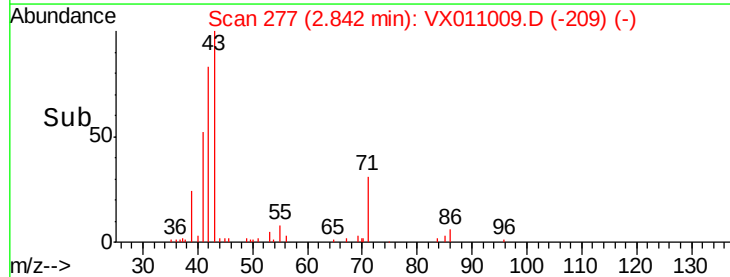
Abundance Ion 41.00 (40.70 to 41.70): VX0

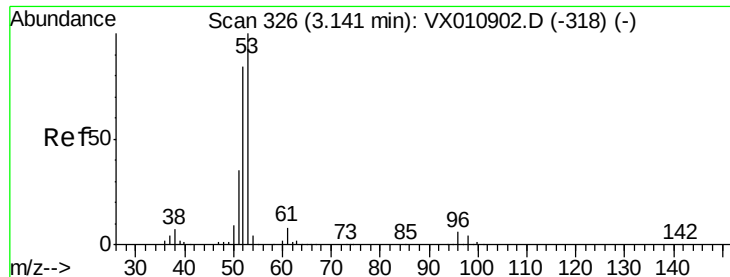
Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0



Time-->





#15

Acrylonitrile

Concen: 1.527 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.03 min

Lab File: VX011009.D

Acq: 19 Jul 2019 17:48

Instrument :

MSVOA_X

ClientSampled :

FL-0612DL

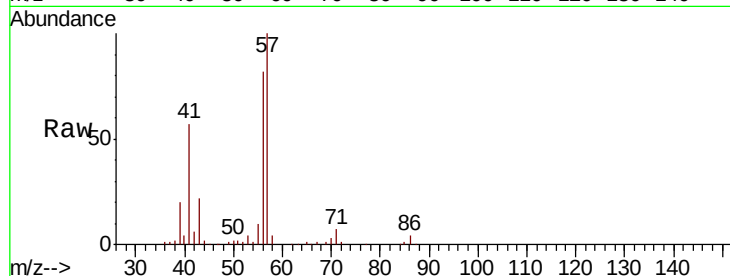
Tot Ion: 53 Resp: 1780

Ion Ratio Lower Upper

53 100

52 24.4 66.5 99.7#

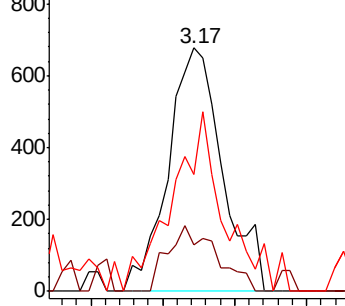
51 72.5 28.2 42.4#



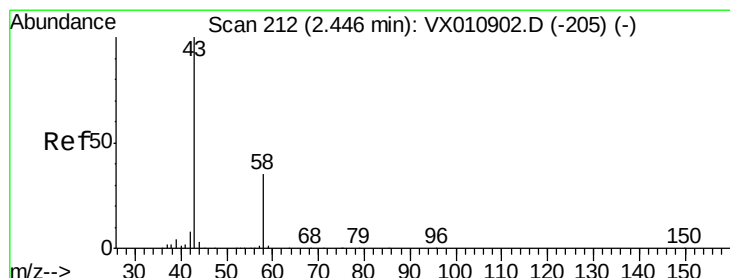
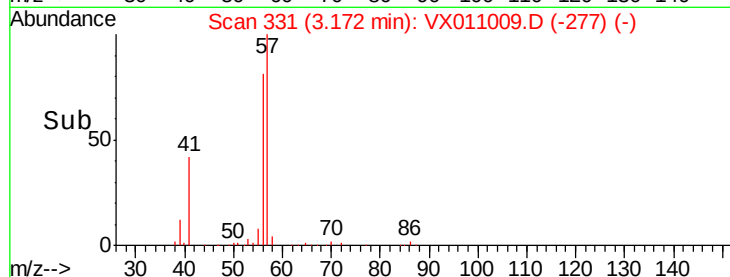
Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



Time-->



#16

Acetone

Concen: 2.214 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX011009.D

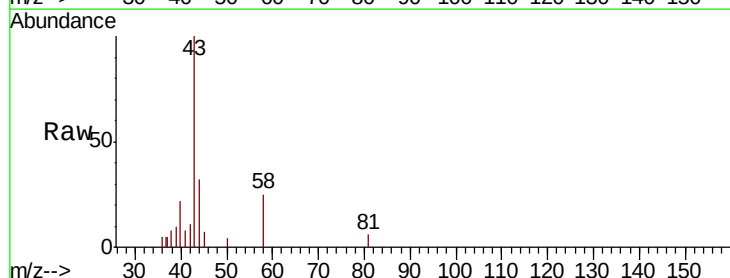
Acq: 19 Jul 2019 17:48

Tgt Ion: 43 Resp: 2478

Ion Ratio Lower Upper

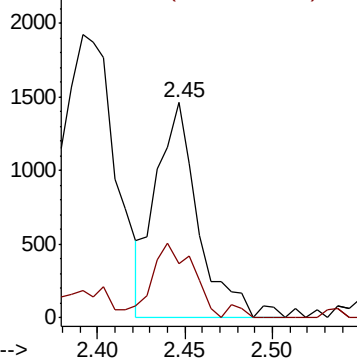
43 100

58 25.3 27.7 41.5#

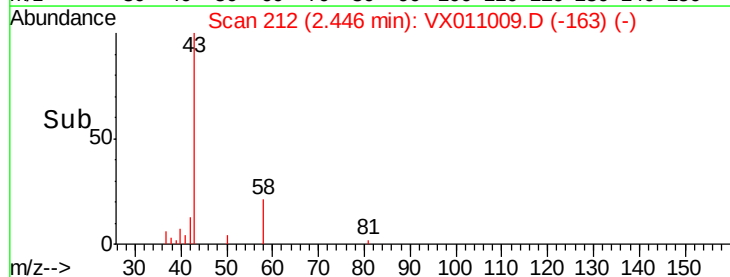


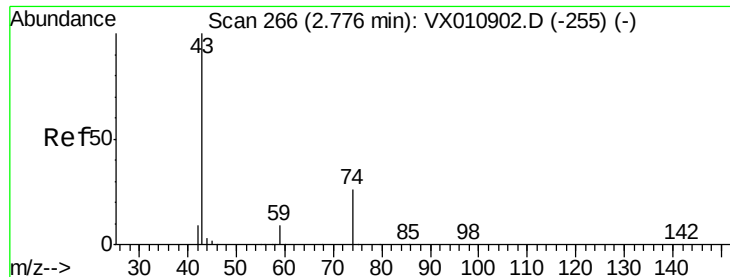
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->





#18

Methyl Acetate

Concen: 3.962 ug/l

RT: 2.84 min Scan# 277

Delta R.T. 0.07 min

Lab File: VX011009.D

Acq: 19 Jul 2019 17:48

Instrument :

MSVOA_X

ClientSampleID :

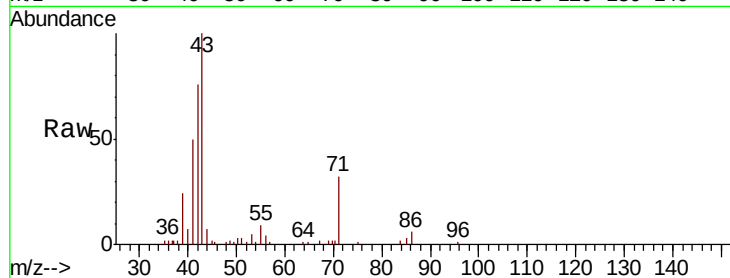
FL-0612DL

Tot Ion: 43 Resp: 10096

Ion Ratio Lower Upper

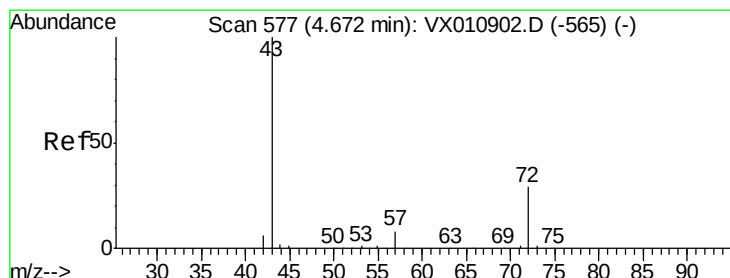
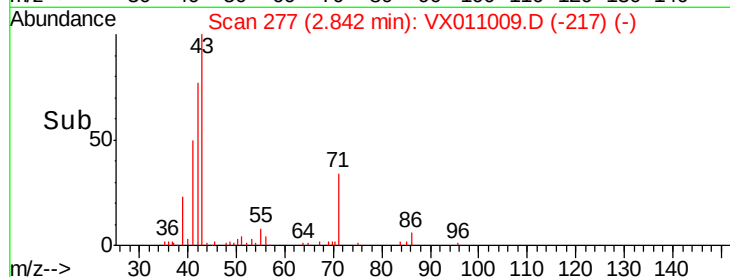
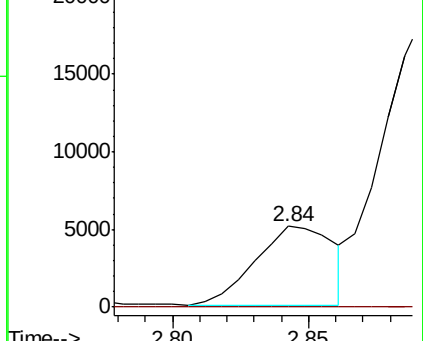
43 100

74 0.2 21.5 32.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



#25

2-Butanone

Concen: 0.674 ug/l

RT: 4.68 min Scan# 579

Delta R.T. 0.01 min

Lab File: VX011009.D

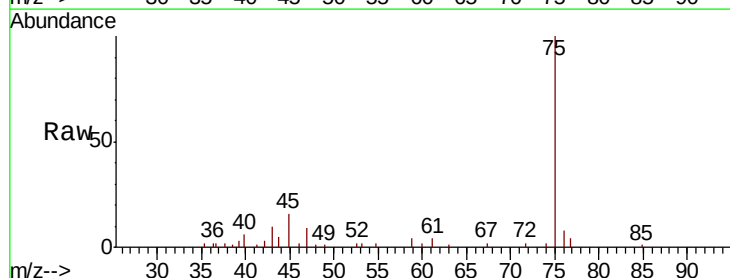
Acq: 19 Jul 2019 17:48

Tgt Ion: 43 Resp: 1082

Ion Ratio Lower Upper

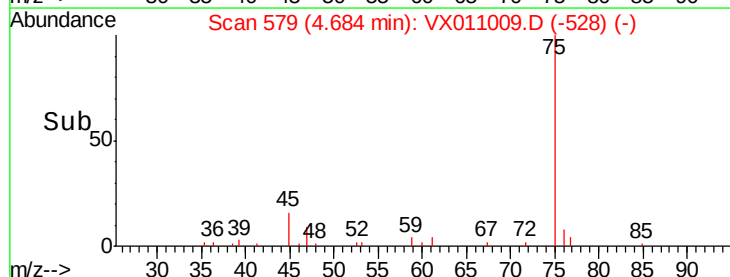
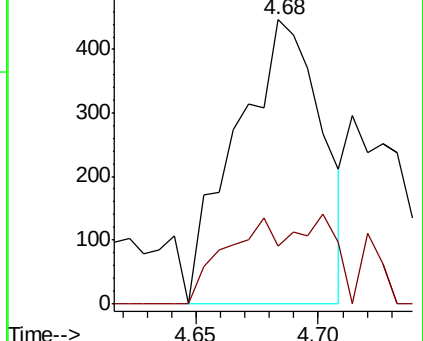
43 100

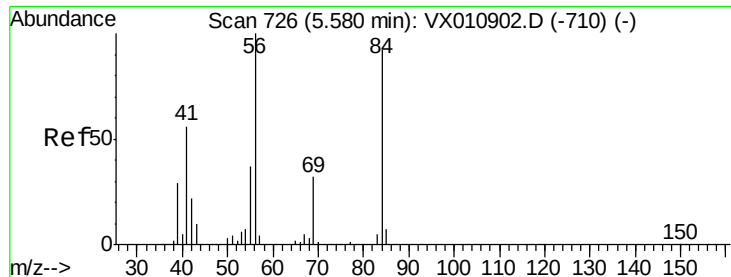
72 20.4 23.0 34.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

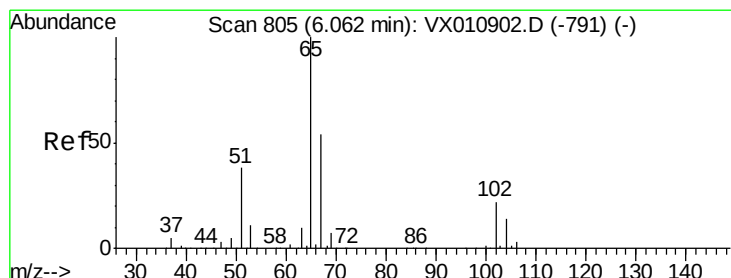
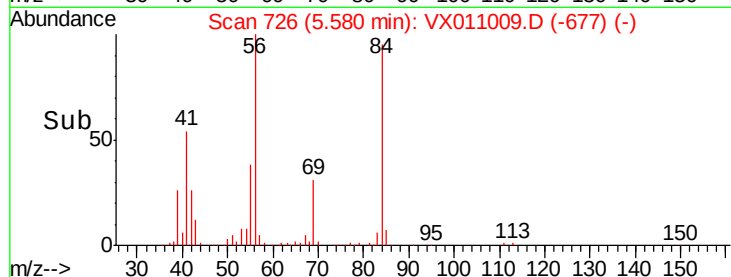
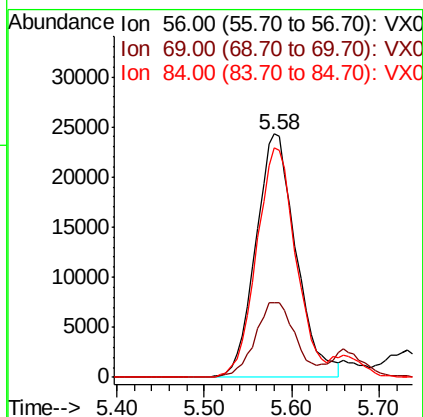
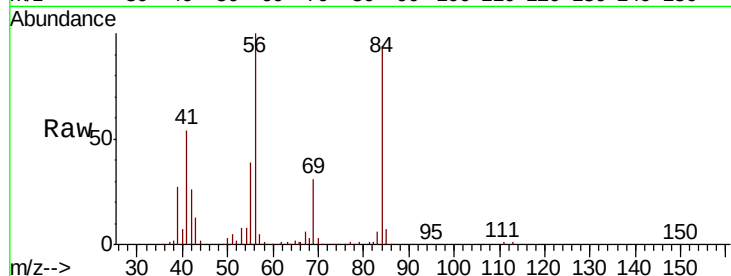




#31
Cyclohexane
Concen: 23.211 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX011009.D
Acq: 19 Jul 2019 17:48

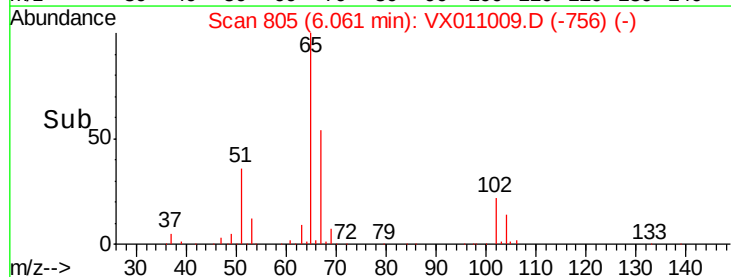
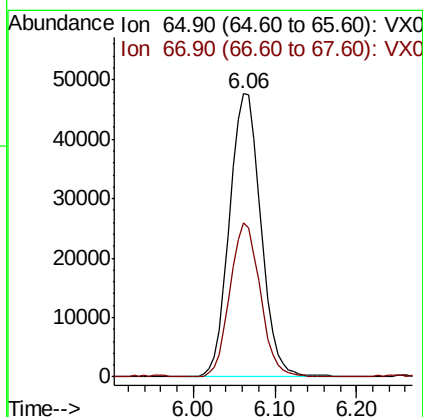
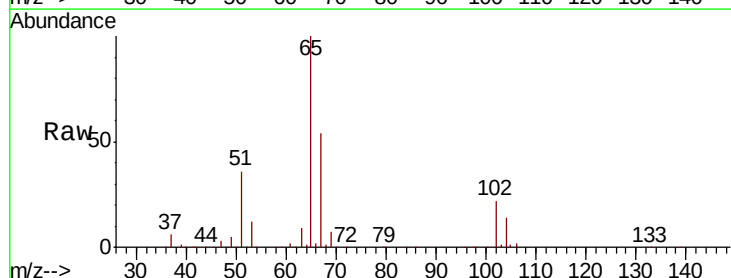
Instrument :
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ClientSampleId :
FL-0612DL

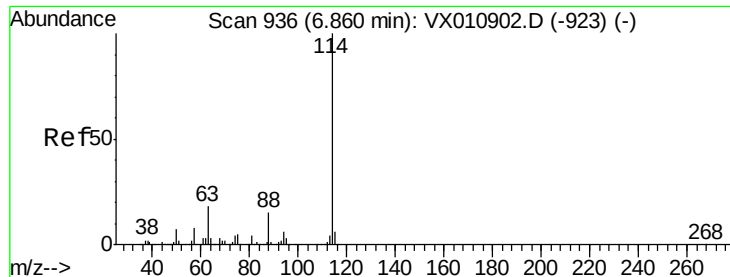
Tot Ion: 56 Resp: 78084
Ion Ratio Lower Upper
56 100
69 30.6 25.8 38.8
84 94.4 73.8 110.6



#33
1,2-Dichloroethane-d4
Concen: 51.111 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX011009.D
Acq: 19 Jul 2019 17:48

Tgt Ion: 65 Resp: 126638
Ion Ratio Lower Upper
65 100
67 52.1 0.0 107.8

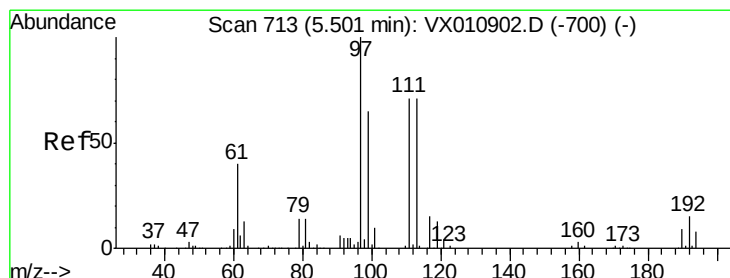
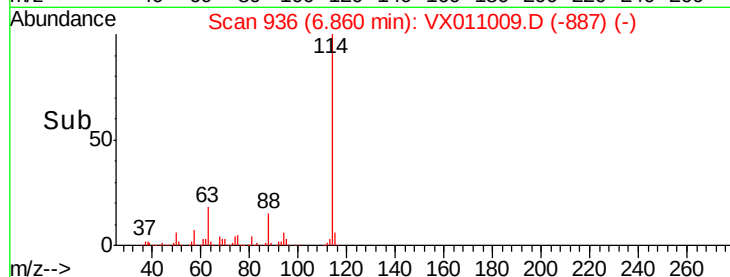
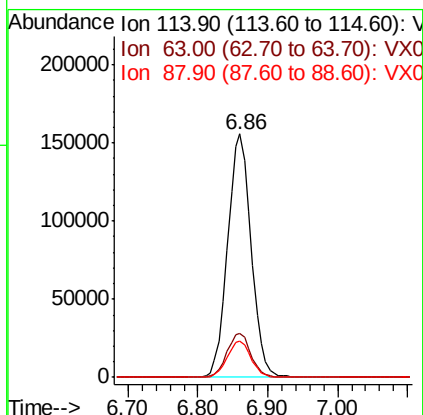
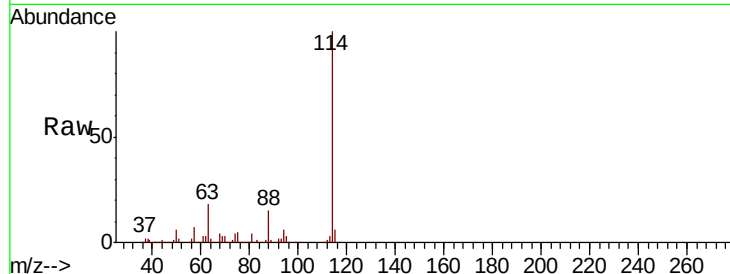




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX011009.D
 Acq: 19 Jul 2019 17:48

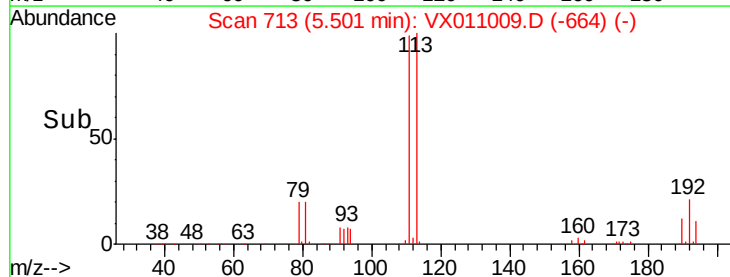
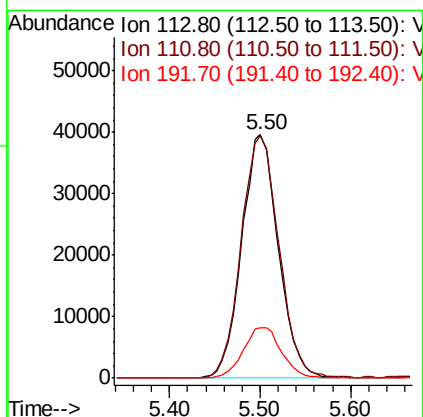
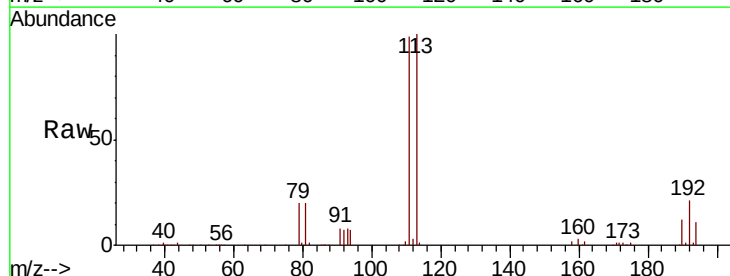
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0612DL

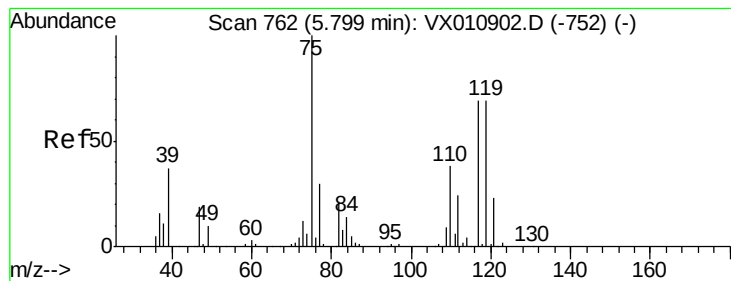
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	35.6
88	15.1	0.0	29.8



#35
 Dibromofluoromethane
 Concen: 48.148 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX011009.D
 Acq: 19 Jul 2019 17:48

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.3	123.5
192	21.5	17.4	26.2





#36

1,1-Dichloropropene

Concen: 5.198 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX011009.D

Acq: 19 Jul 2019 17:48

Instrument :

MSVOA_X

ClientSampled :

FL-0612DL

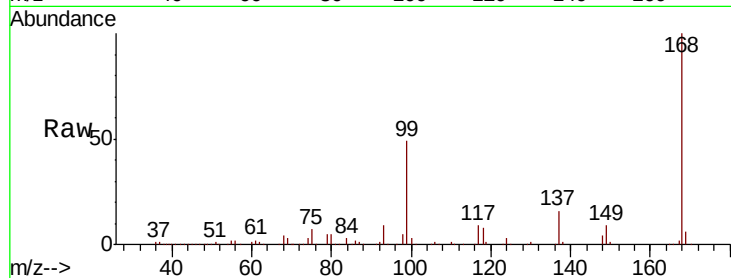
Tot Ion: 75 Resp: 15517

Ion Ratio Lower Upper

75 100

110 9.7 19.9 59.7#

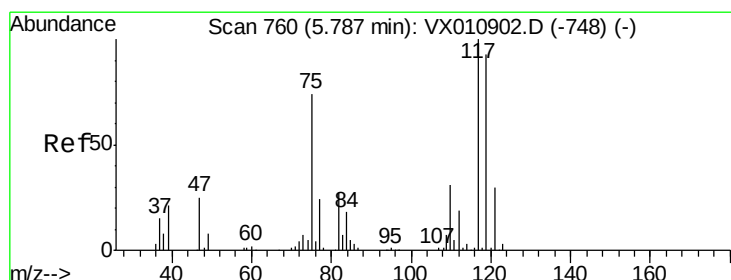
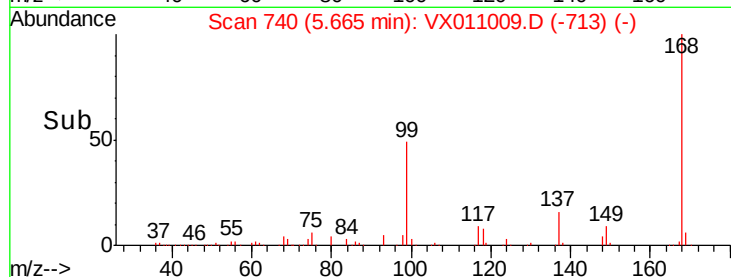
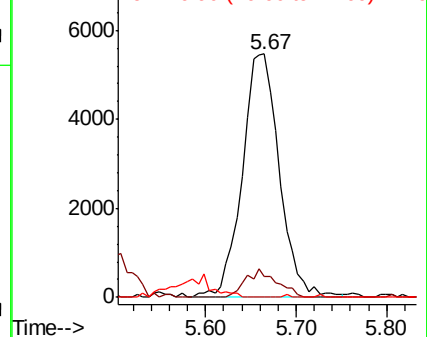
77 0.0 25.0 37.4#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0



#38

Carbon Tetrachloride

Concen: 6.736 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX011009.D

Acq: 19 Jul 2019 17:48

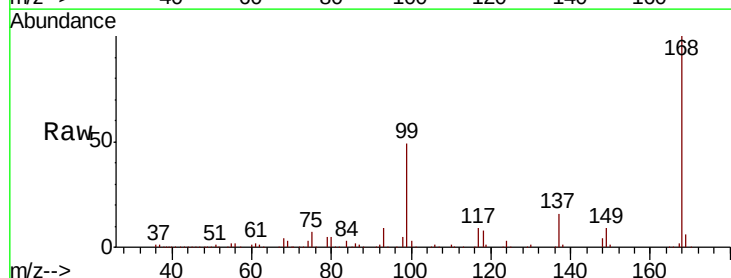
Tgt Ion: 117 Resp: 20956

Ion Ratio Lower Upper

117 100

119 5.4 74.2 111.2#

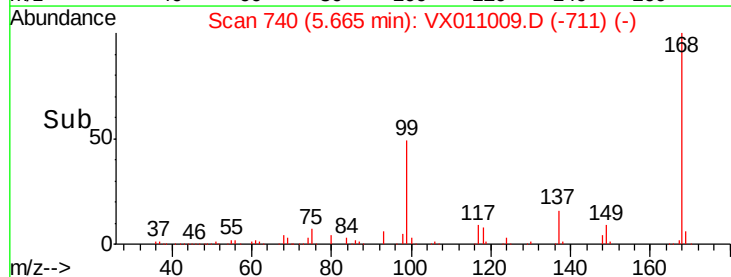
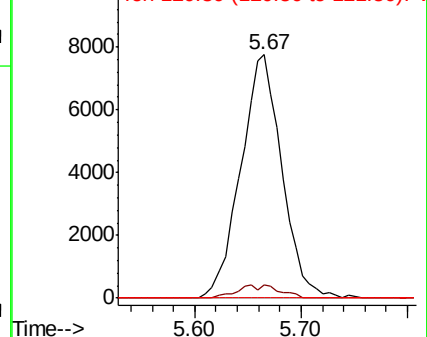
121 0.0 24.2 36.2#

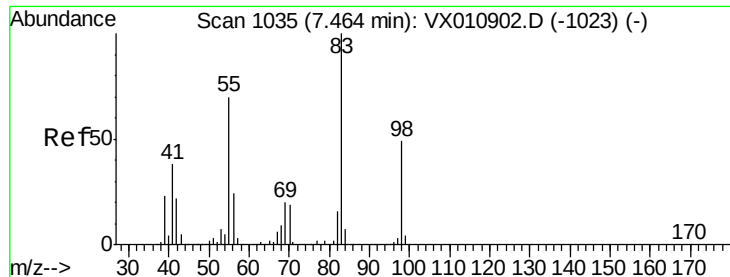


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

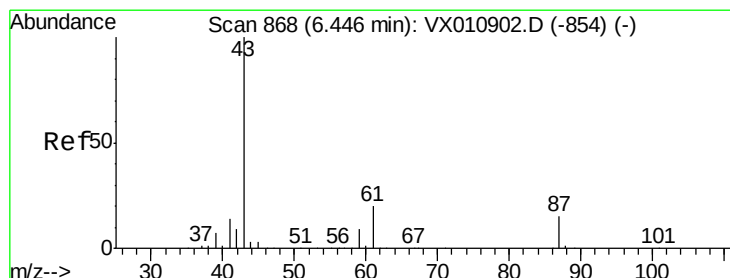
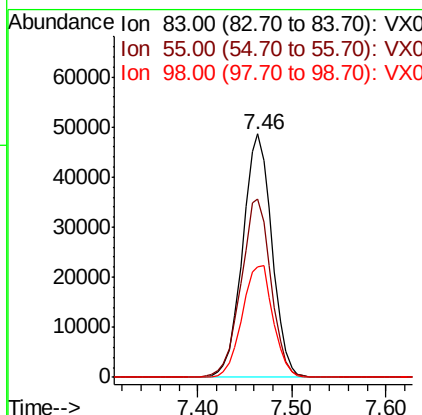
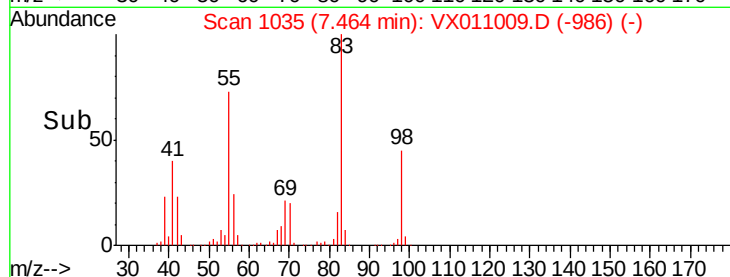
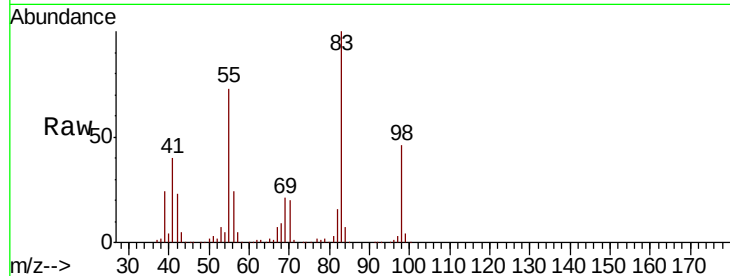




#39
Methylcyclohexane
Concen: 27.323 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX011009.D
Acq: 19 Jul 2019 17:48

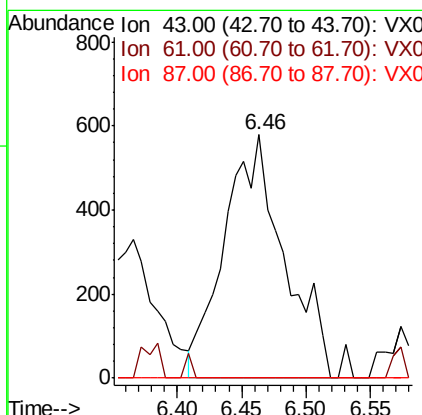
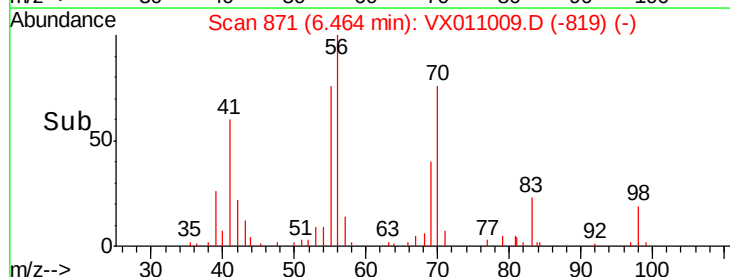
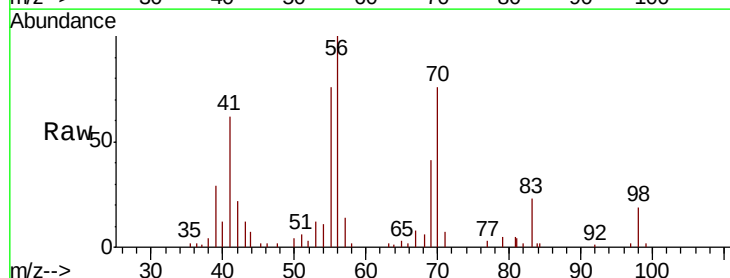
Instrument :
MSVOA_X
ClientSampleId :
FL-0612DL

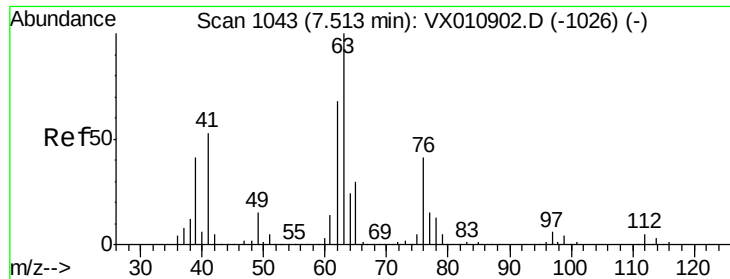
Tot Ion: 83 Resp: 105779
Ion Ratio Lower Upper
83 100
55 73.4 56.2 84.4
98 45.5 39.0 58.4



#43
Isopropyl Acetate
Concen: 0.369 ug/l
RT: 6.46 min Scan# 871
Delta R.T. 0.02 min
Lab File: VX011009.D
Acq: 19 Jul 2019 17:48

Tgt Ion: 43 Resp: 1857
Ion Ratio Lower Upper
43 100
61 0.0 17.1 25.7#
87 0.0 12.0 18.0#

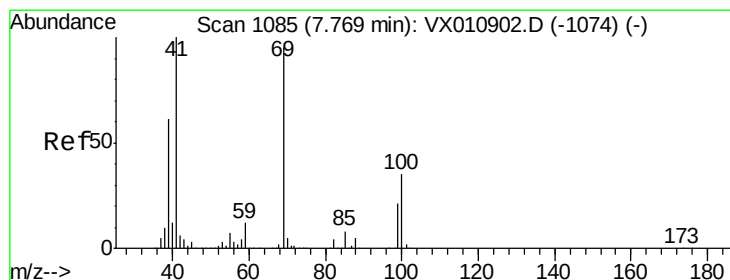
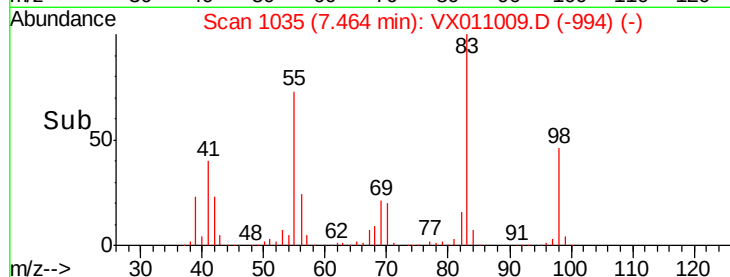
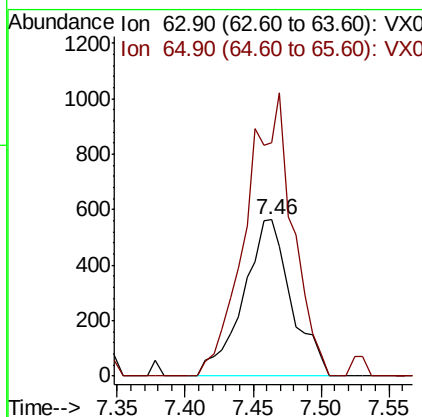
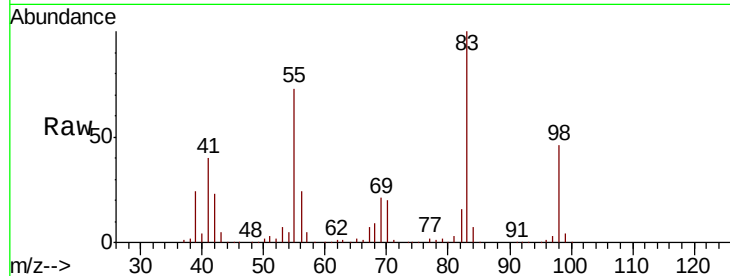




#45
 1,2-Dichloropropane
 Concen: 0.598 ug/l
 RT: 7.46 min Scan# 1035
 Delta R.T. -0.05 min
 Lab File: VX011009.D
 Acq: 19 Jul 2019 17:48

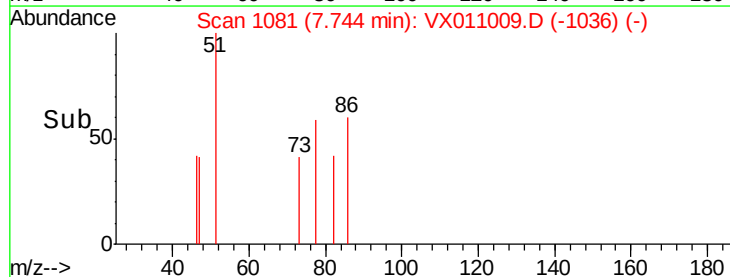
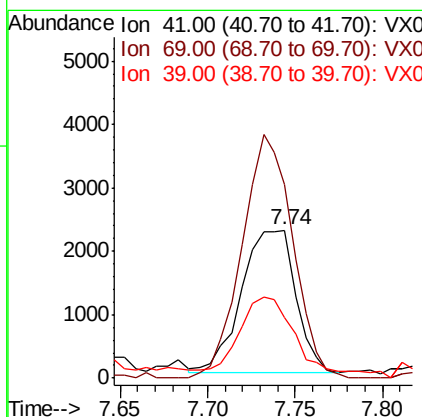
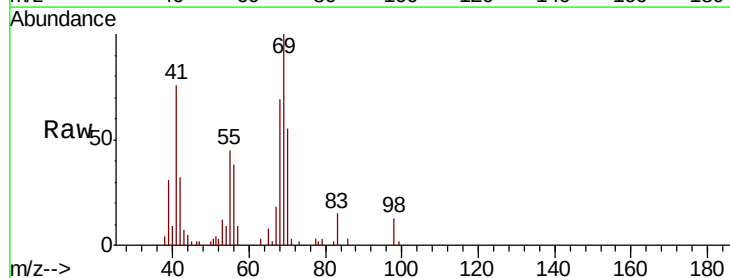
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0612DL

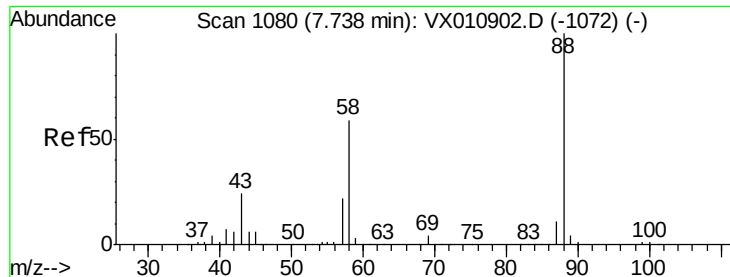
Tot Ion: 63 Resp: 1393
 Ion Ratio Lower Upper
 63 100
 65 149.3 24.4 36.6#



#48
 Methyl methacrylate
 Concen: 1.986 ug/l
 RT: 7.74 min Scan# 1081
 Delta R.T. -0.02 min
 Lab File: VX011009.D
 Acq: 19 Jul 2019 17:48

Tgt Ion: 41 Resp: 4863
 Ion Ratio Lower Upper
 41 100
 69 159.5 74.4 111.6#
 39 61.9 48.9 73.3

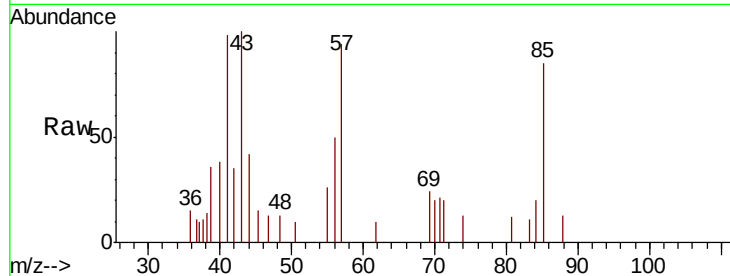




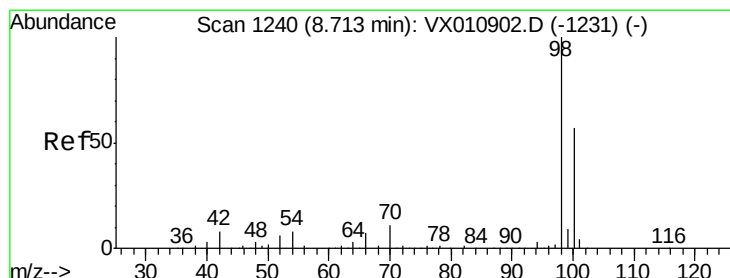
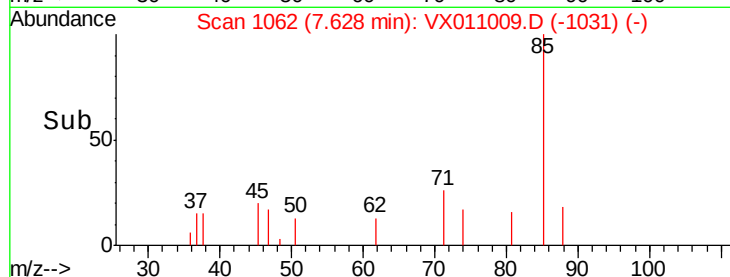
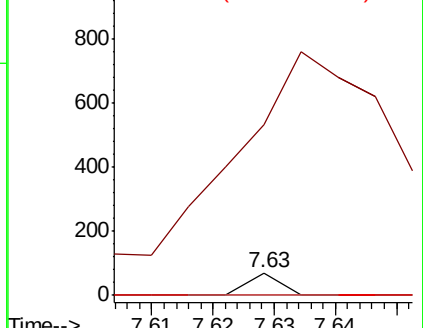
#49
1,4-Dioxane
Concen: 0.380 ug/l
RT: 7.63 min Scan# 1062
Delta R.T. -0.11 min
Lab File: VX011009.D
Acq: 19 Jul 2019 17:48

Instrument :
MSVOA_X
ClientSampleId :
FL-0612DL

Tot Ion: 88 Resp: 26
Ion Ratio Lower Upper
88 100
43 4376.9 22.9 34.3#
58 0.0 49.8 74.8#

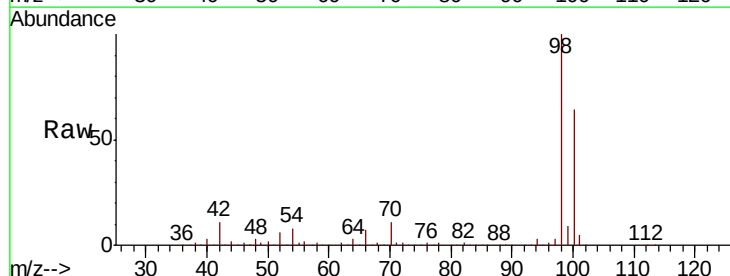


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

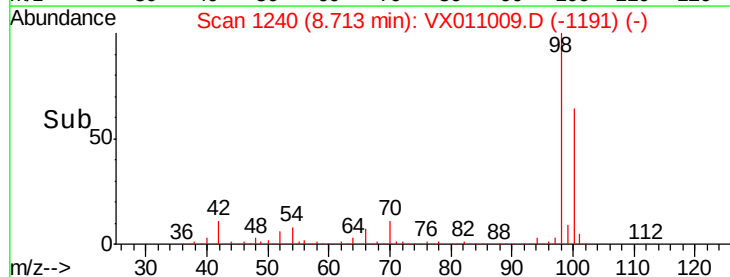
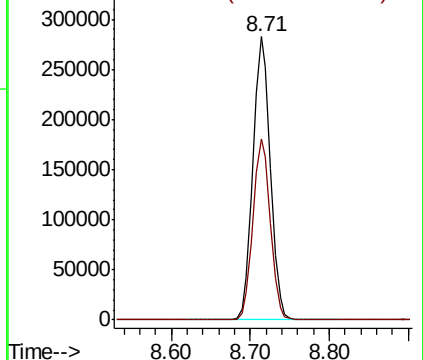


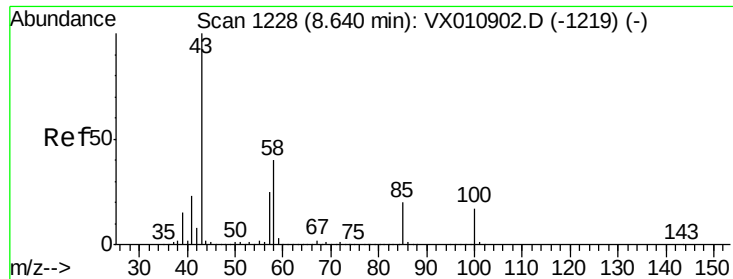
#50
Toluene-d8
Concen: 50.483 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011009.D
Acq: 19 Jul 2019 17:48

Tgt Ion: 98 Resp: 436784
Ion Ratio Lower Upper
98 100
100 63.8 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

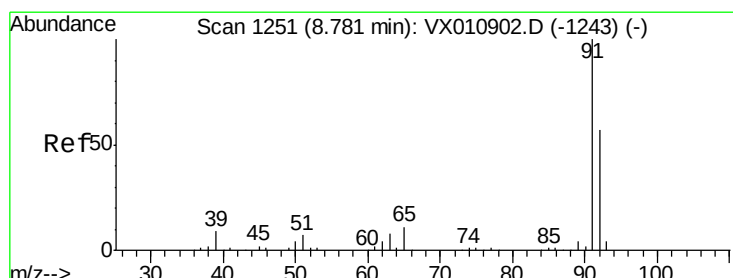
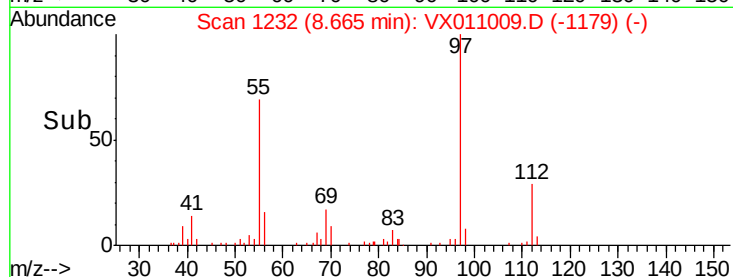
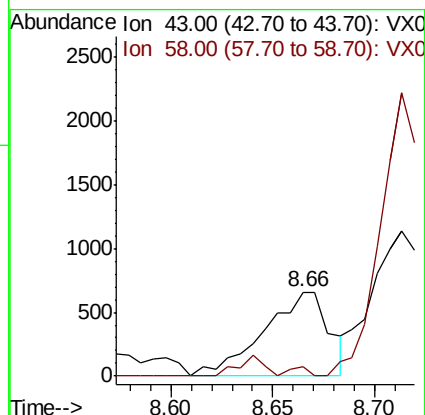
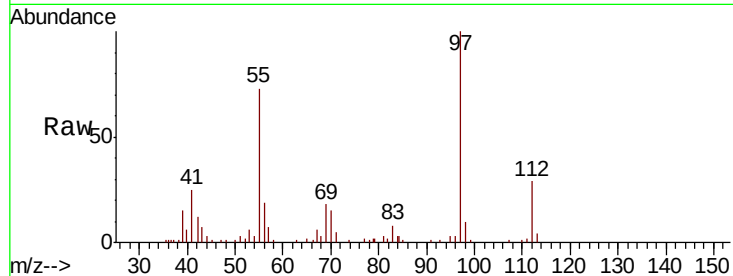




#51
4-Methyl-2-Pentanone
Concen: 0.454 ug/l
RT: 8.66 min Scan# 1232
Delta R.T. 0.02 min
Lab File: VX011009.D
Acq: 19 Jul 2019 17:48

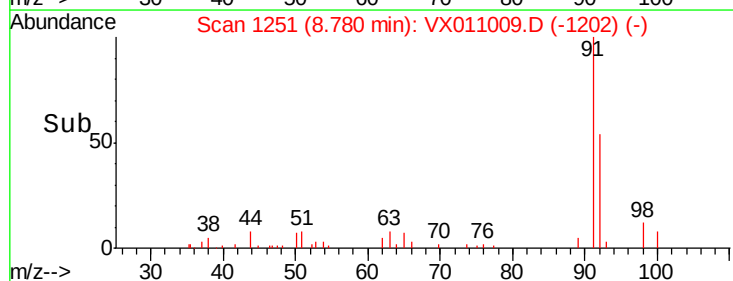
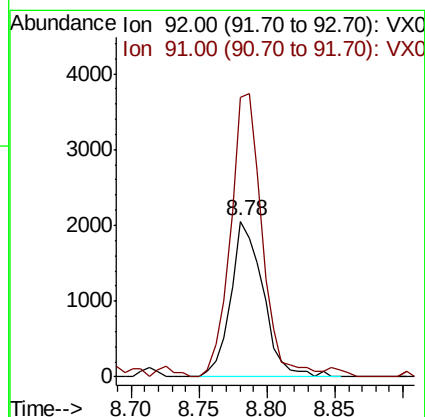
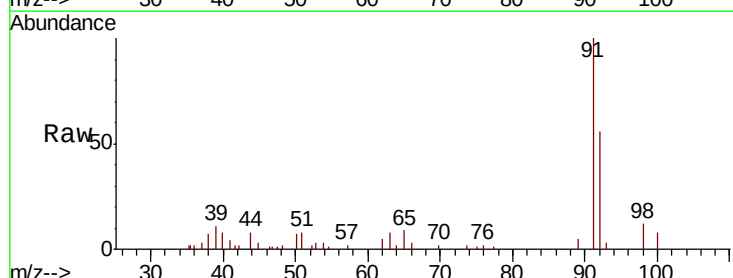
Instrument :
MSVOA_X
ClientSampleID :
FL-0612DL

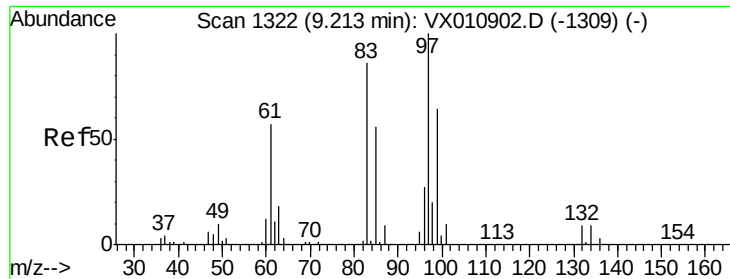
Tot Ion: 43 Resp: 1480
Ion Ratio Lower Upper
43 100
58 0.0 32.2 48.4#



#52
Toluene
Concen: 0.565 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.00 min
Lab File: VX011009.D
Acq: 19 Jul 2019 17:48

Tgt Ion: 92 Resp: 3394
Ion Ratio Lower Upper
92 100
91 178.6 139.4 209.0

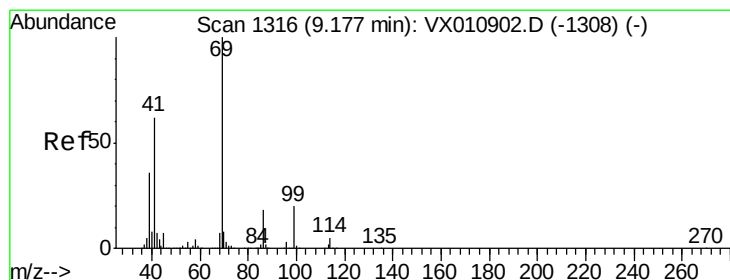
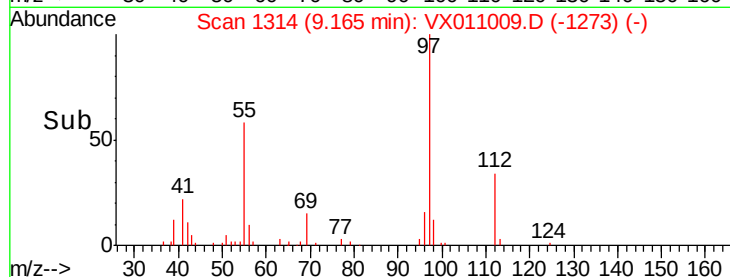
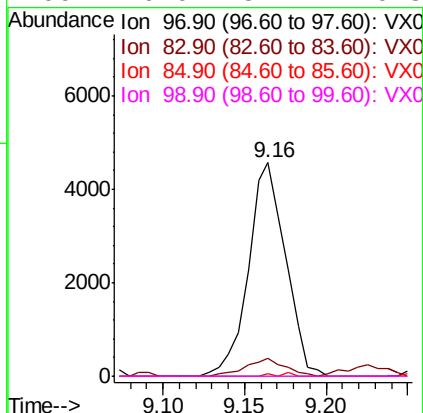
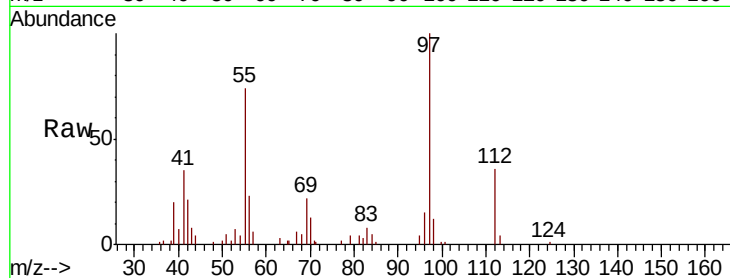




#55
 1,1,2-Trichloroethane
 Concen: 2.928 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.05 min
 Lab File: VX011009.D
 Acq: 19 Jul 2019 17:48

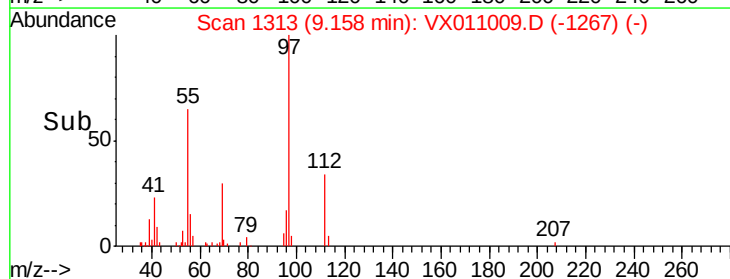
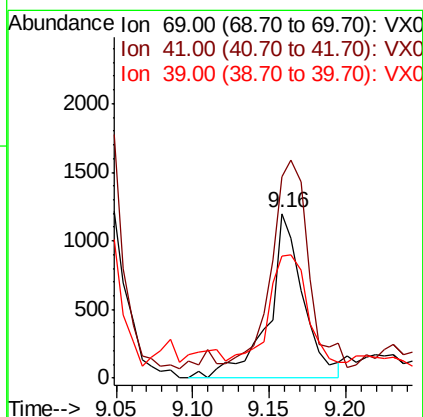
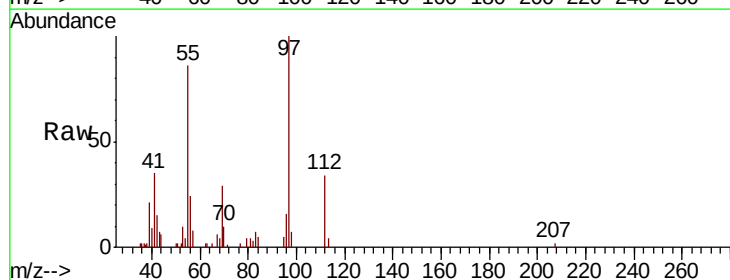
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0612DL

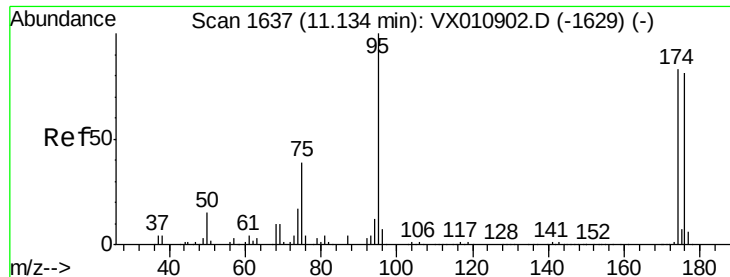
Tot Ion: 97 Resp: 7242
 Ion Ratio Lower Upper
 97 100
 83 8.4 69.2 103.8#
 85 1.3 44.6 66.8#
 99 0.0 51.2 76.8#



#56
 Ethyl methacrylate
 Concen: 0.521 ug/l
 RT: 9.16 min Scan# 1313
 Delta R.T. -0.02 min
 Lab File: VX011009.D
 Acq: 19 Jul 2019 17:48

Tgt Ion: 69 Resp: 1884
 Ion Ratio Lower Upper
 69 100
 41 128.4 49.7 74.5#
 39 69.6 29.6 44.4#

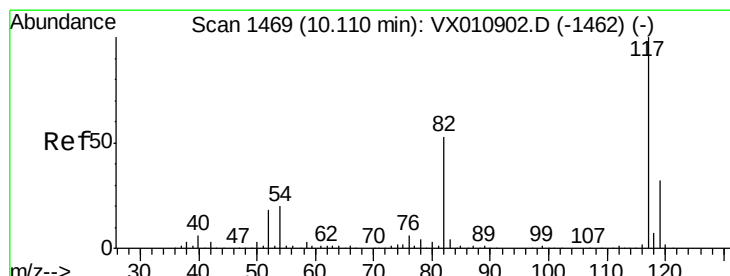
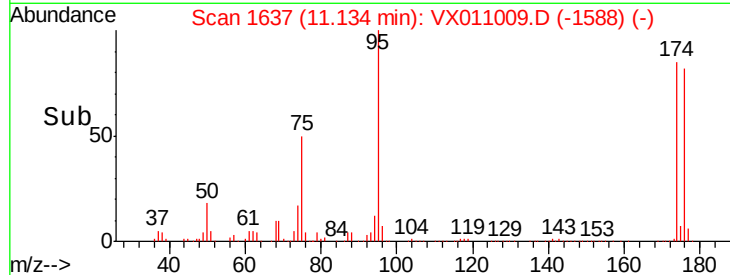
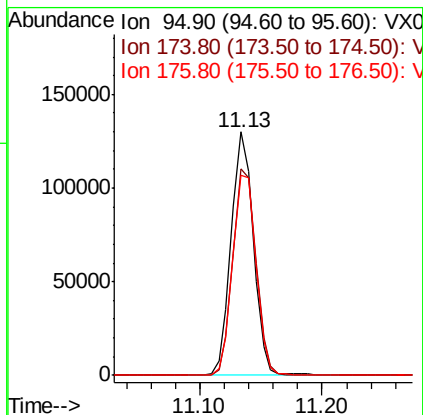
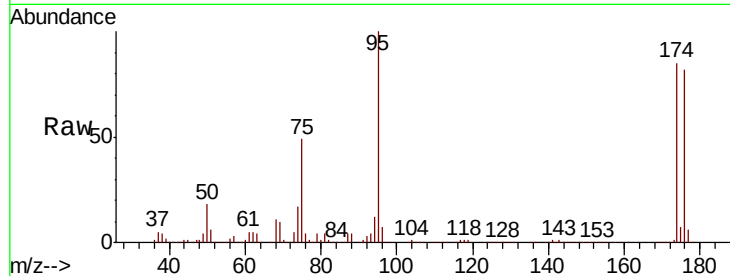




#62
4-Bromofluorobenzene
Concen: 51.383 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX011009.D
Acq: 19 Jul 2019 17:48

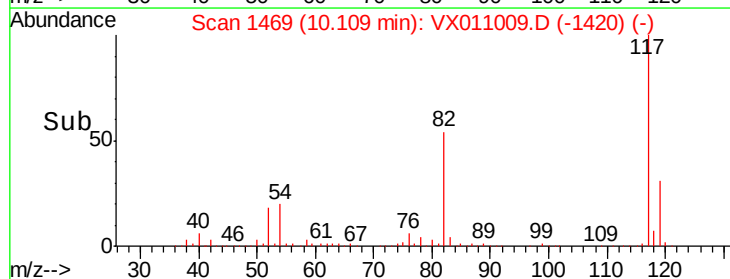
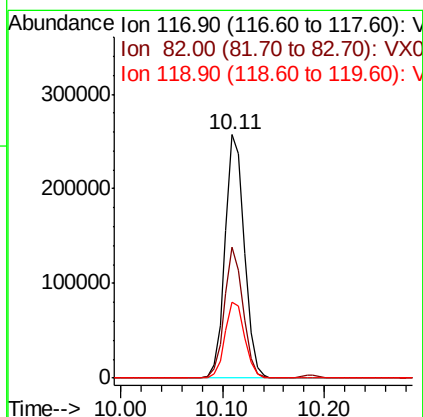
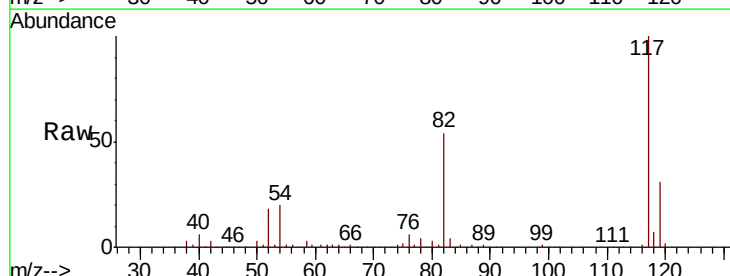
Instrument :
MSVOA_X
ClientSampleId :
FL-0612DL

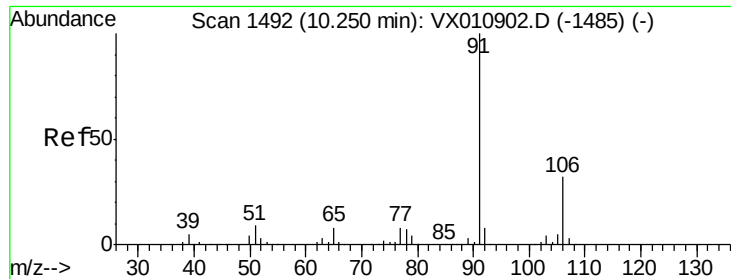
Tot Ion: 95 Resp: 163411
Ion Ratio Lower Upper
95 100
174 88.1 0.0 180.6
176 86.5 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011009.D
Acq: 19 Jul 2019 17:48

Tgt Ion: 117 Resp: 336363
Ion Ratio Lower Upper
117 100
82 53.7 42.6 63.8
119 31.2 25.9 38.9

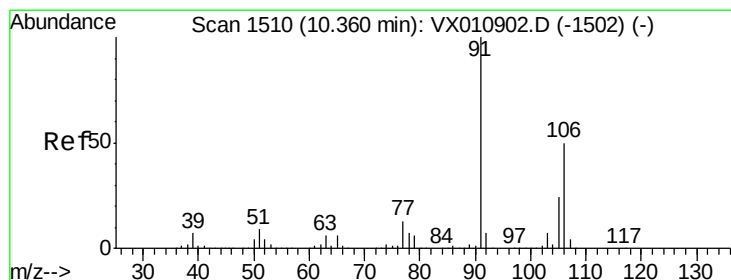
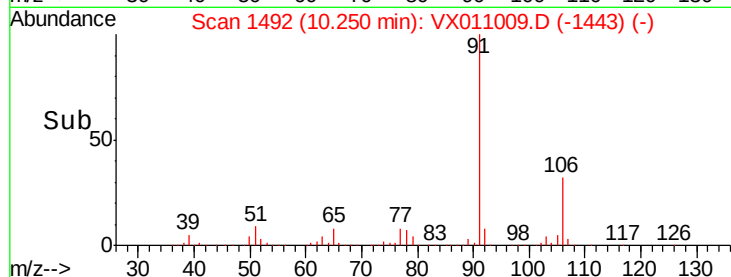
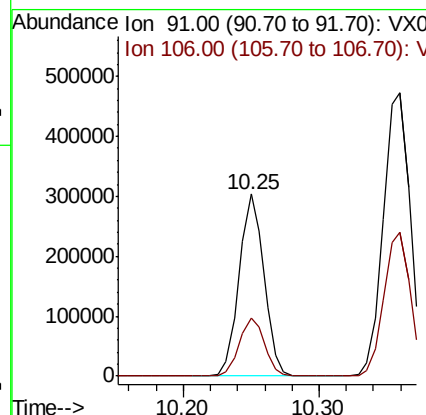
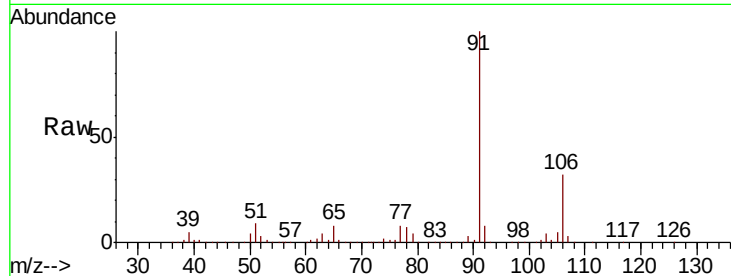




#67
Ethyl Benzene
Concen: 32.840 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX011009.D
Acq: 19 Jul 2019 17:48

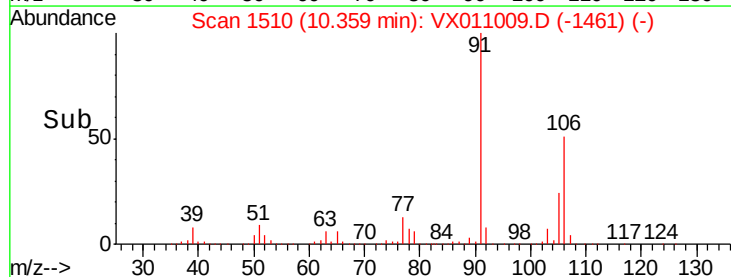
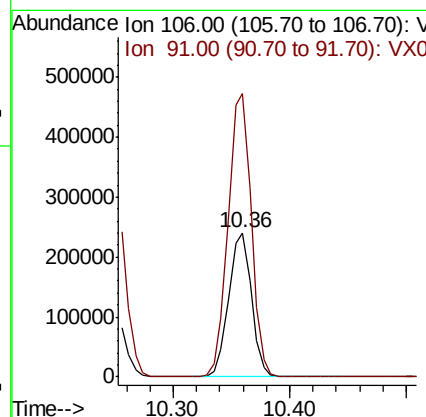
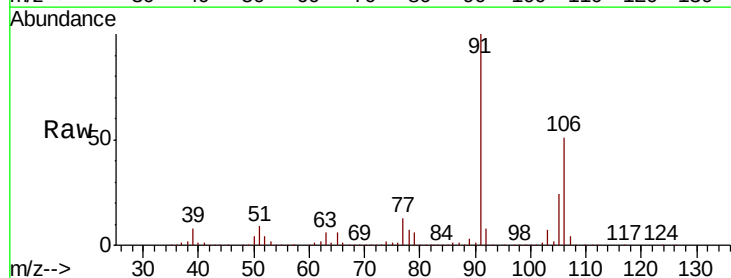
Instrument :
MSVOA_X
ClientSampled :
FL-0612DL

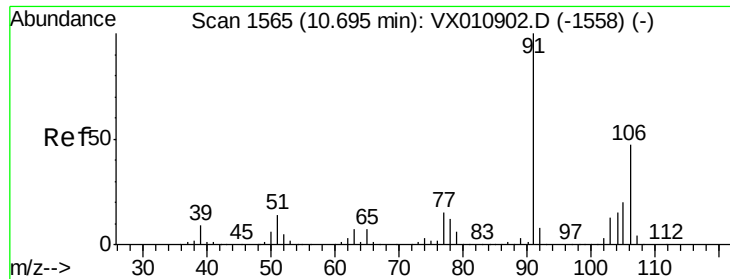
Tot Ion: 91 Resp: 386172
Ion Ratio Lower Upper
91 100
106 32.0 25.4 38.2



#68
m/p-Xylenes
Concen: 72.173 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX011009.D
Acq: 19 Jul 2019 17:48

Tgt Ion: 106 Resp: 325556
Ion Ratio Lower Upper
106 100
91 200.1 160.1 240.1

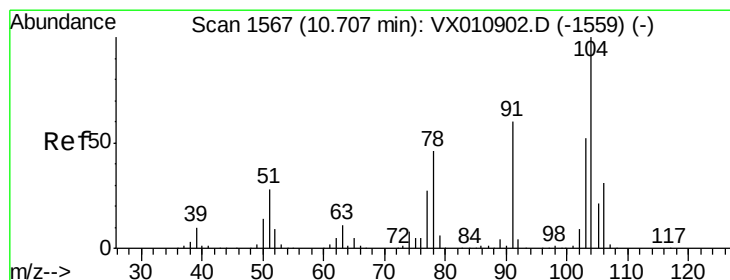
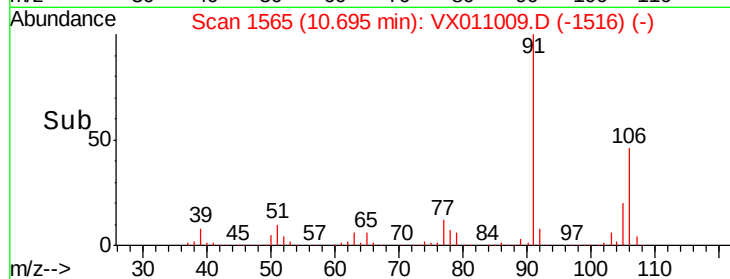
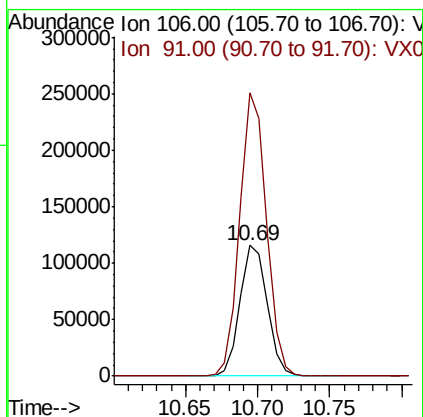
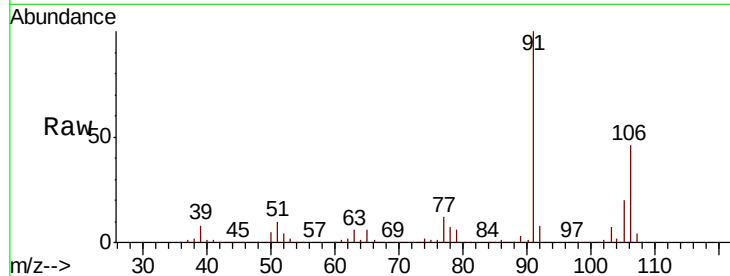




#69
o-Xylene
Concen: 34.671 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX011009.D
Acq: 19 Jul 2019 17:48

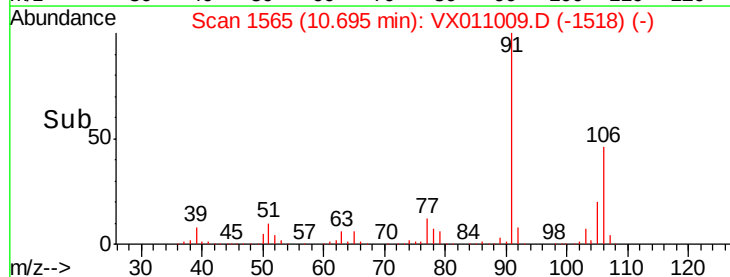
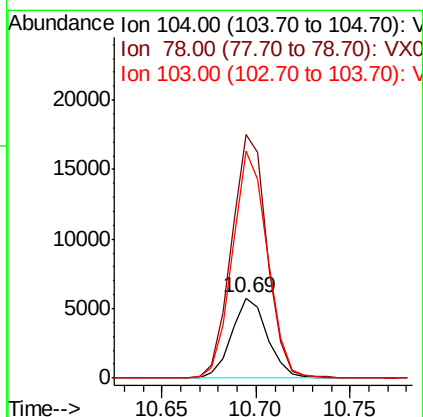
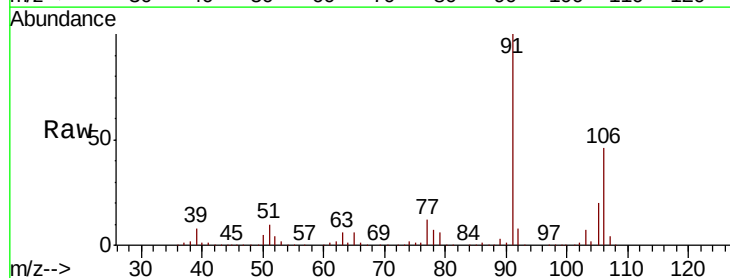
Instrument :
MSVOA_X
ClientSampled :
FL-0612DL

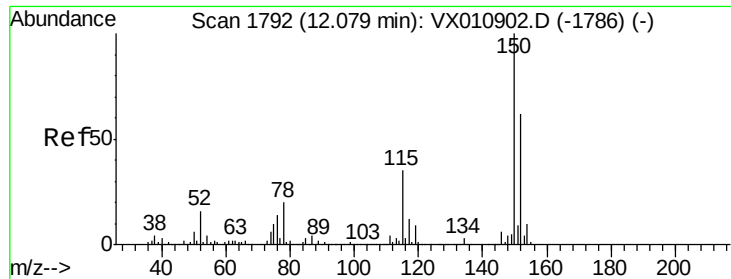
Tot Ion:106 Resp: 152631
Ion Ratio Lower Upper
106 100
91 212.1 105.1 315.3



#70
Styrene
Concen: 1.023 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX011009.D
Acq: 19 Jul 2019 17:48

Tgt Ion:104 Resp: 7511
Ion Ratio Lower Upper
104 100
78 304.9 38.8 58.2#
103 280.2 44.2 66.4#



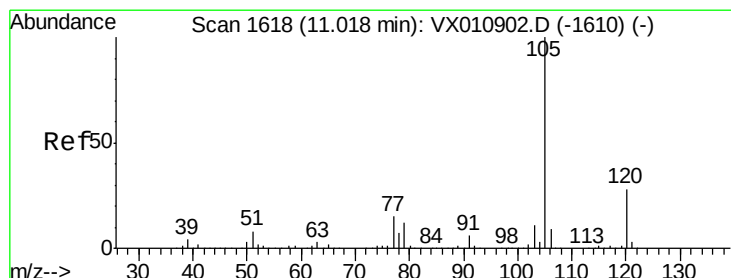
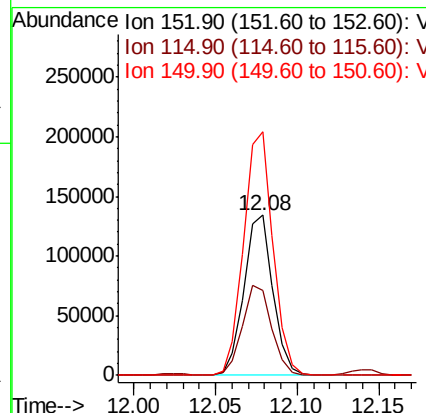
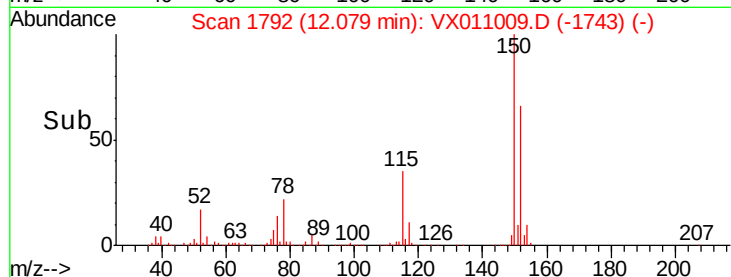
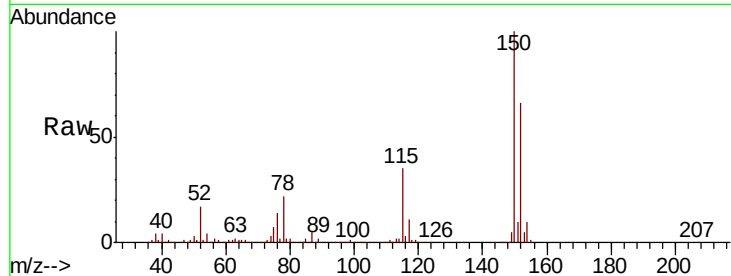


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX011009.D
Acq: 19 Jul 2019 17:48

Instrument :
MSVOA_X
ClientSampled :
FL-0612DL

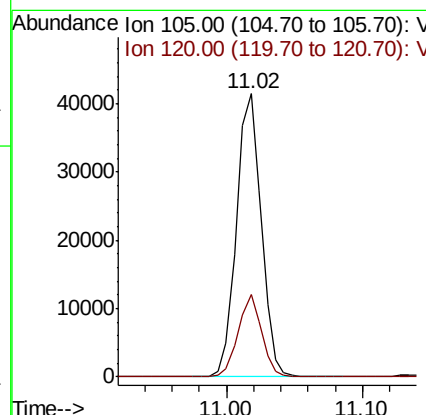
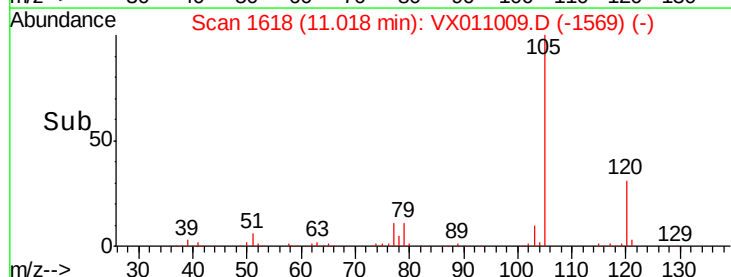
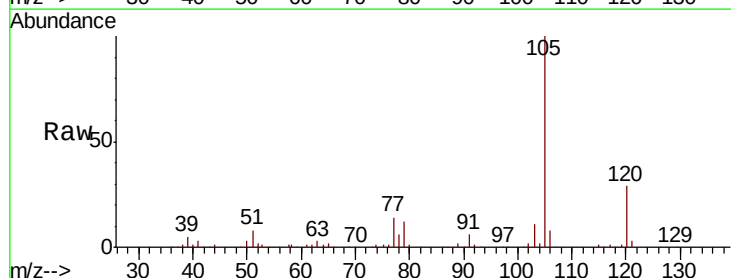
Tot Ion:152 Resp: 166308
Ion Ratio Lower Upper
152 100
115 56.3 39.7 119.1
150 153.9 0.0 345.6

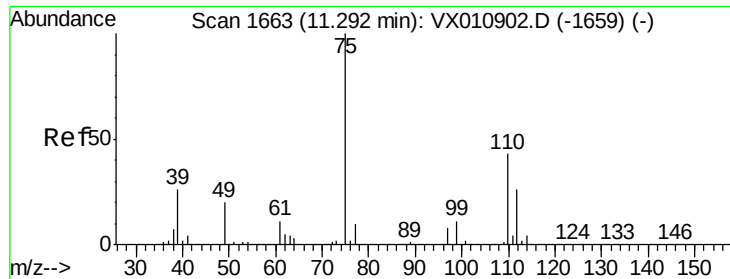


#73

Isopropylbenzene
Concen: 4.679 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX011009.D
Acq: 19 Jul 2019 17:48

Tgt Ion:105 Resp: 52578
Ion Ratio Lower Upper
105 100
120 27.6 13.7 41.1

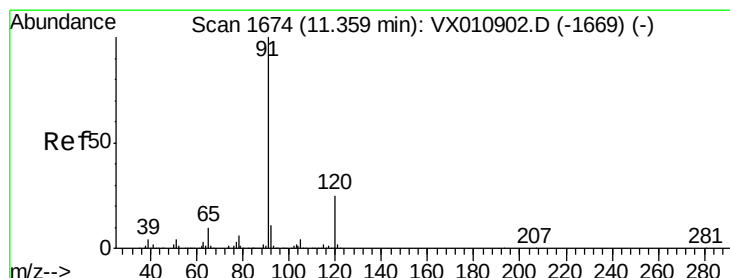
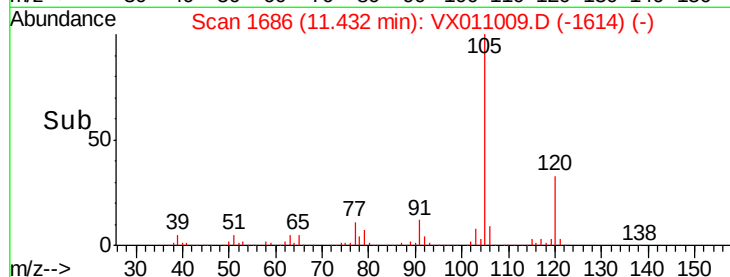
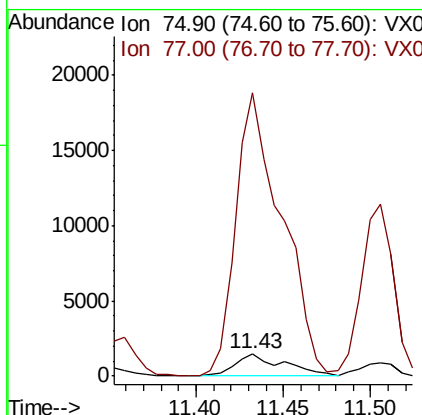
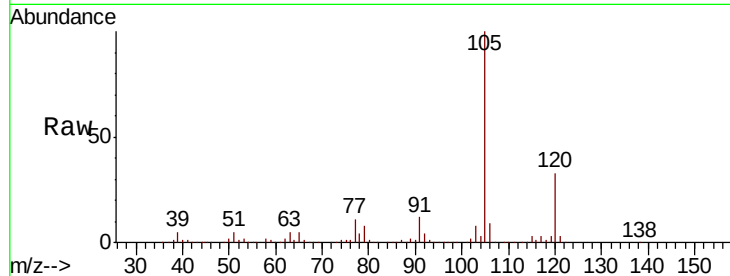




#76
 1,2,3-Trichloropropane
 Concen: 0.975 ug/l
 RT: 11.43 min Scan# 1686
 Delta R.T. 0.14 min
 Lab File: VX011009.D
 Acq: 19 Jul 2019 17:48

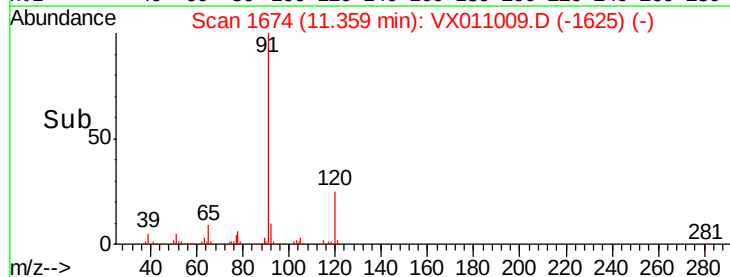
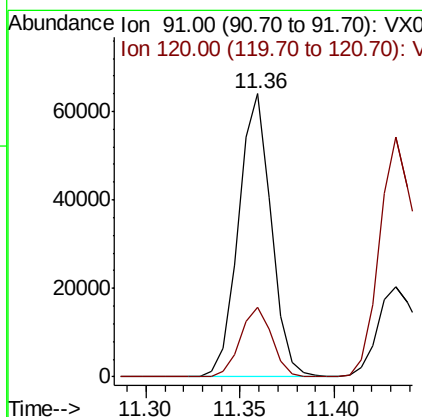
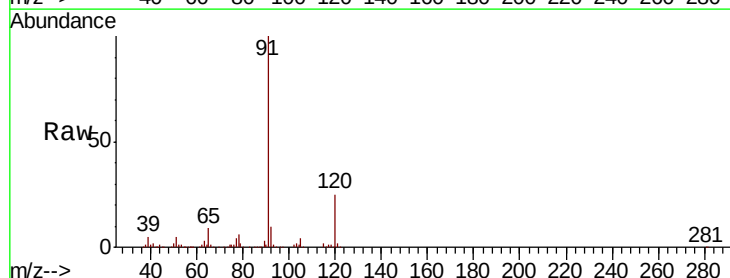
Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0612DL

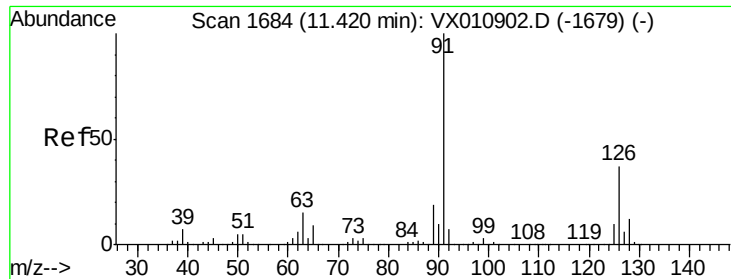
Tot Ion: 75 Resp: 2925
 Ion Ratio Lower Upper
 75 100
 77 1175.4 21.3 64.0#



#78
 n-propylbenzene
 Concen: 6.210 ug/l
 RT: 11.36 min Scan# 1674
 Delta R.T. -0.00 min
 Lab File: VX011009.D
 Acq: 19 Jul 2019 17:48

Tgt Ion: 91 Resp: 77105
 Ion Ratio Lower Upper
 91 100
 120 23.9 12.3 36.8





#79

2-Chlorotoluene

Concen: 4.972 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX011009.D

Acq: 19 Jul 2019 17:48

Instrument :

MSVOA_X

ClientSampleId :

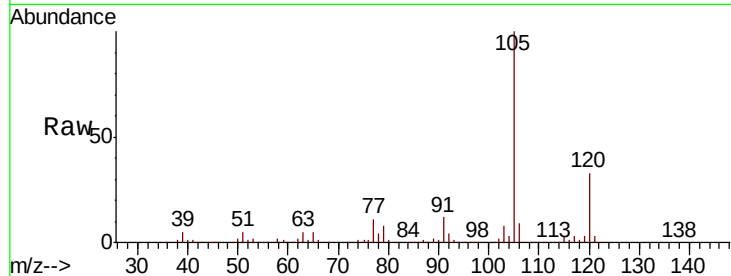
FL-0612DL

Tot Ion: 91 Resp: 37087

Ion Ratio Lower Upper

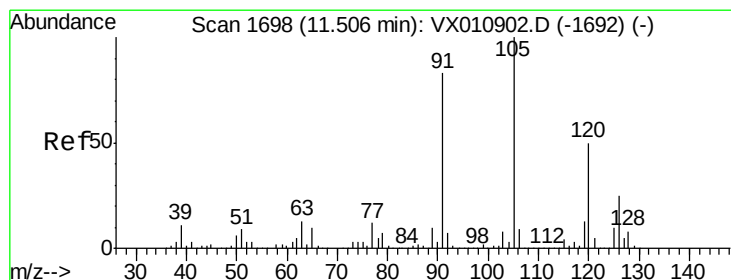
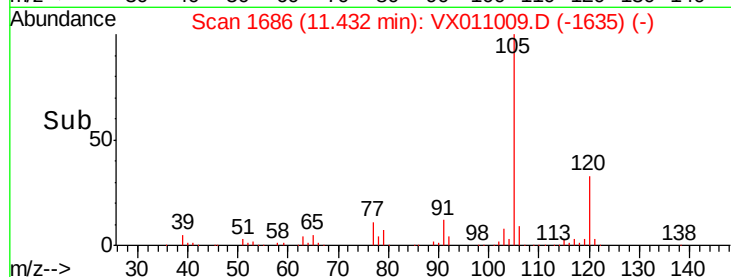
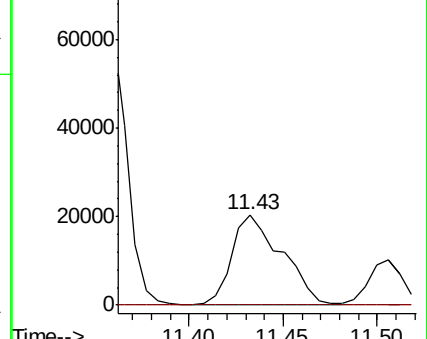
91 100

126 0.0 18.0 54.0#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 12.555 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011009.D

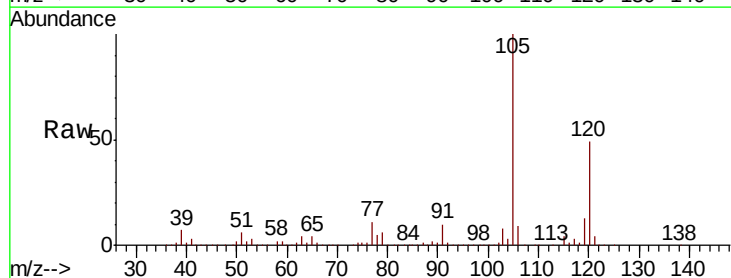
Acq: 19 Jul 2019 17:48

Tgt Ion:105 Resp: 117888

Ion Ratio Lower Upper

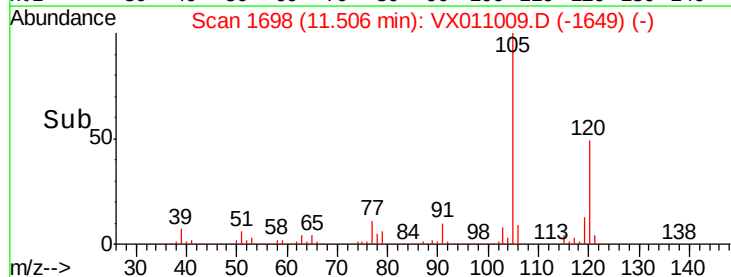
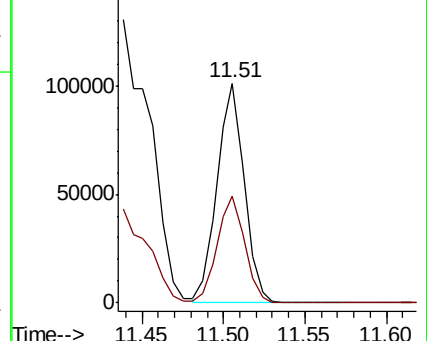
105 100

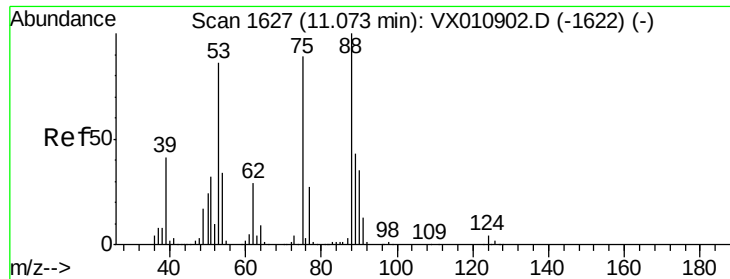
120 49.7 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 67.211 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX011009.D

Acq: 19 Jul 2019 17:48

Instrument :

MSVOA_X

ClientSampleId :

FL-0612DL

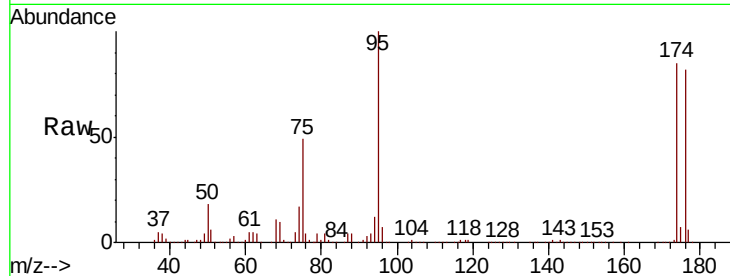
Tot Ion: 75 Resp: 81378

Ion Ratio Lower Upper

75 100

53 0.2 76.7 115.1#

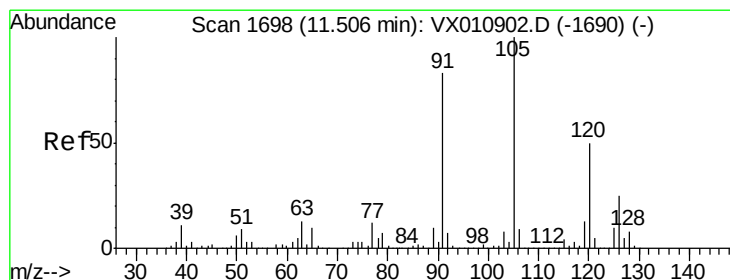
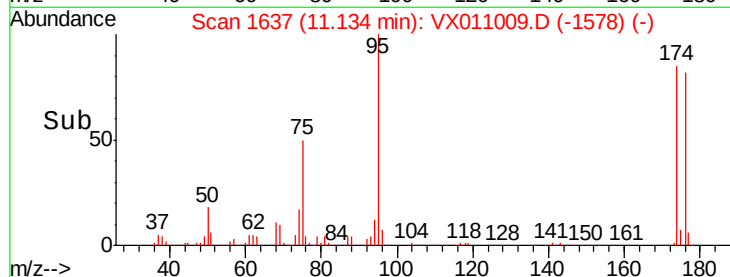
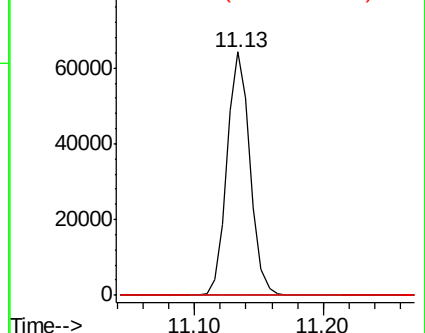
89 0.0 38.5 57.7#



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: 1.446 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011009.D

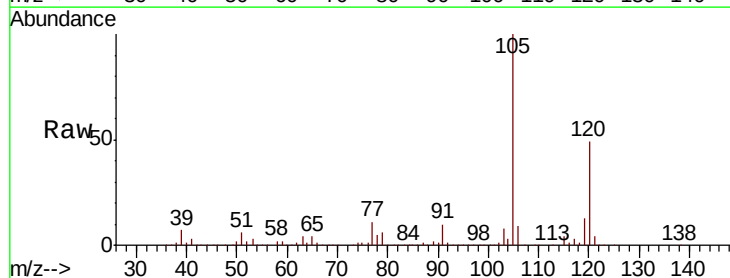
Acq: 19 Jul 2019 17:48

Tgt Ion: 91 Resp: 12557

Ion Ratio Lower Upper

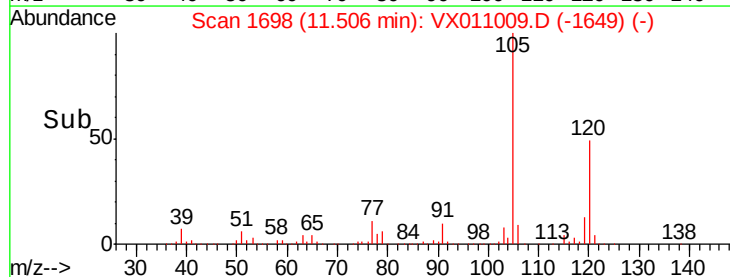
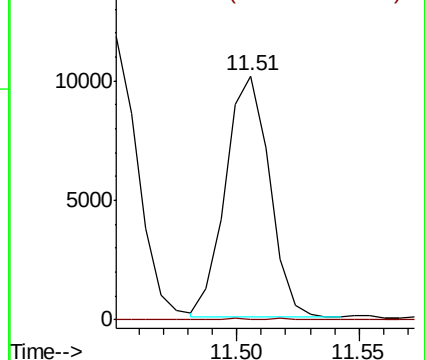
91 100

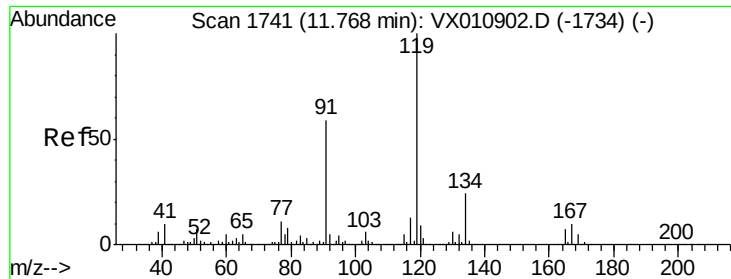
126 0.2 15.9 47.7#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

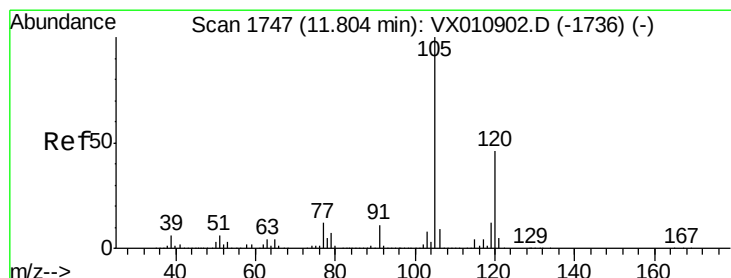
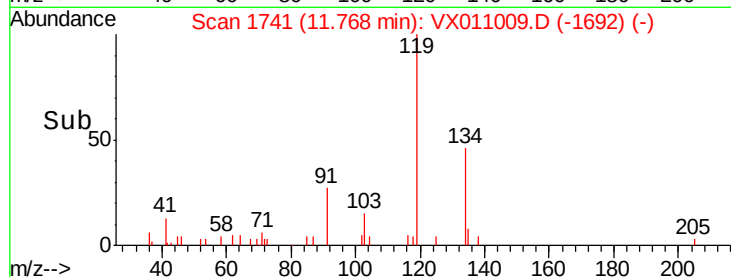
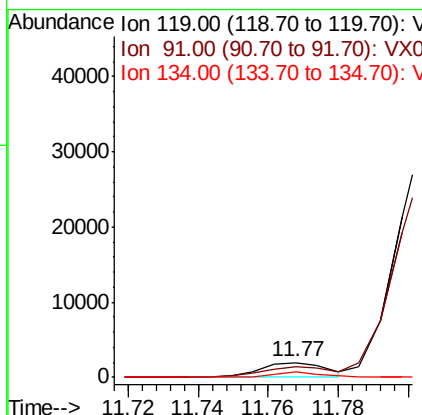
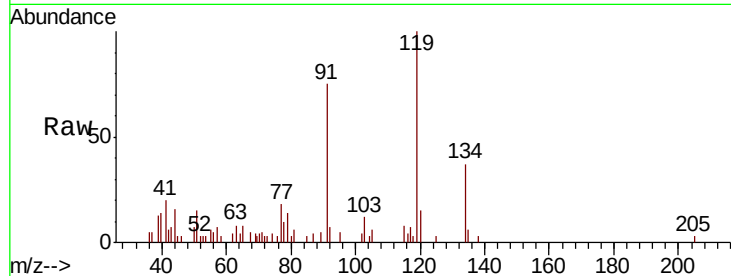




#83
tert-Butylbenzene
Concen: 0.278 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX011009.D
Acq: 19 Jul 2019 17:48

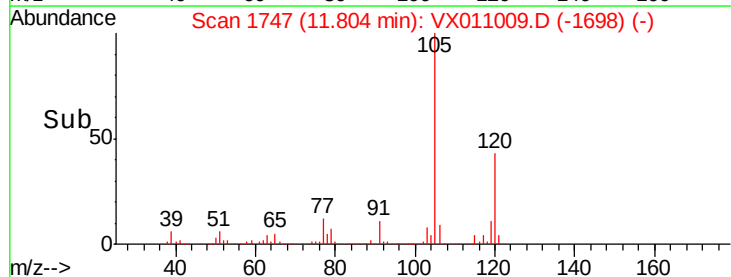
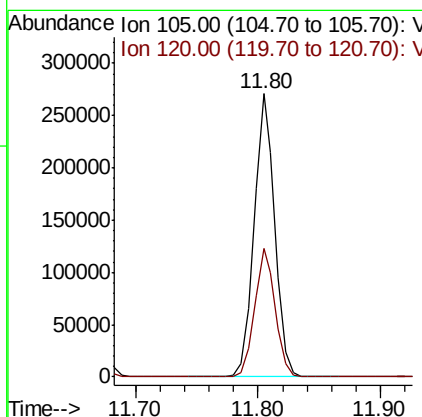
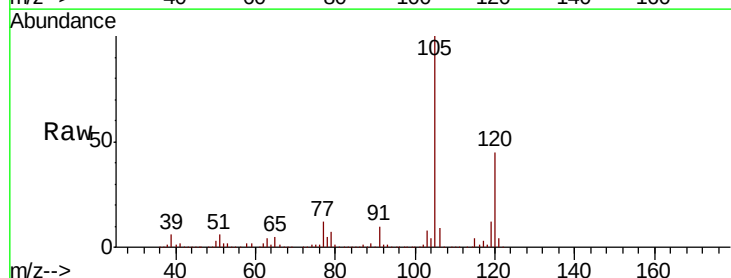
Instrument :
MSVOA_X
ClientSampled :
FL-0612DL

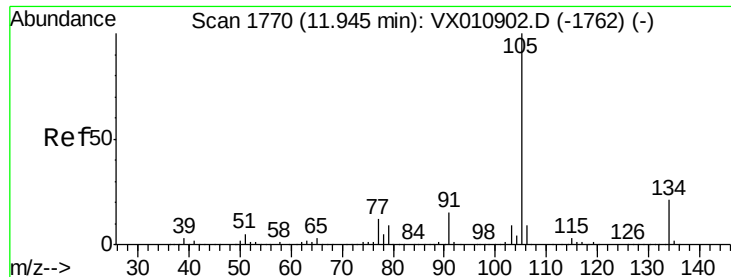
Tot Ion:119 Resp: 2561
Ion Ratio Lower Upper
119 100
91 80.7 28.6 85.8
134 28.8 11.6 34.8



#84
1,2,4-Trimethylbenzene
Concen: 33.673 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX011009.D
Acq: 19 Jul 2019 17:48

Tgt Ion:105 Resp: 318687
Ion Ratio Lower Upper
105 100
120 45.4 22.9 68.5

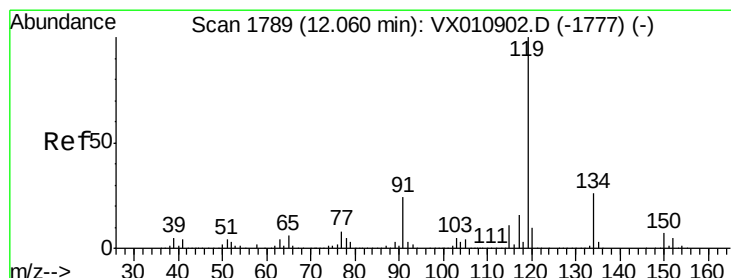
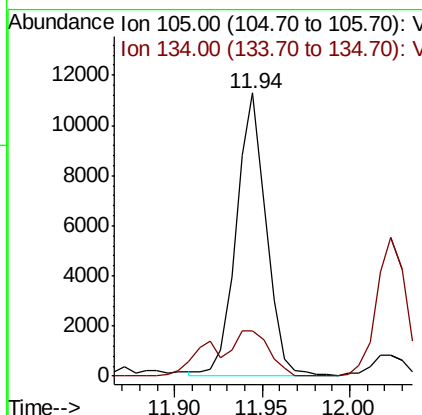
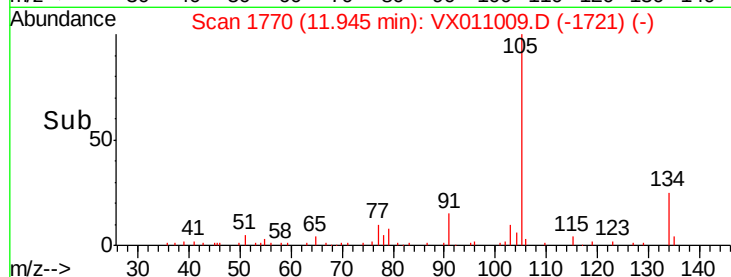
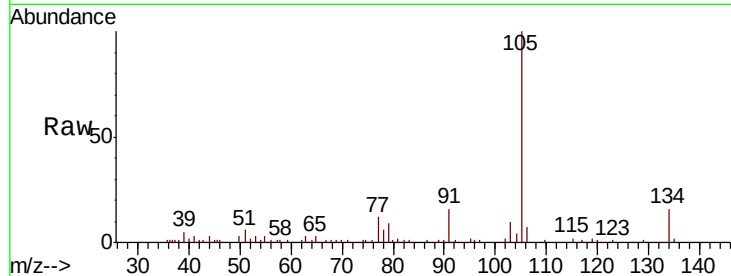




#85
 sec-Butylbenzene
 Concen: 1.241 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX011009.D
 Acq: 19 Jul 2019 17:48

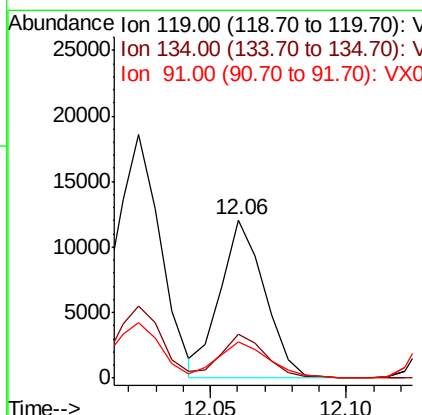
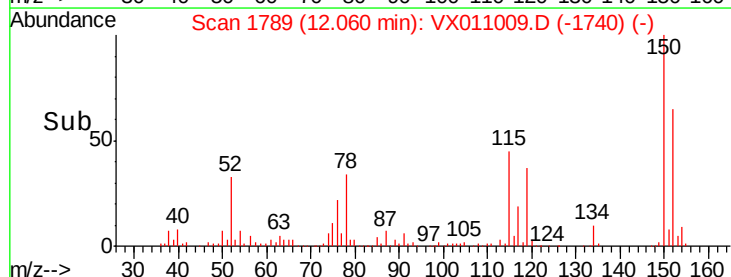
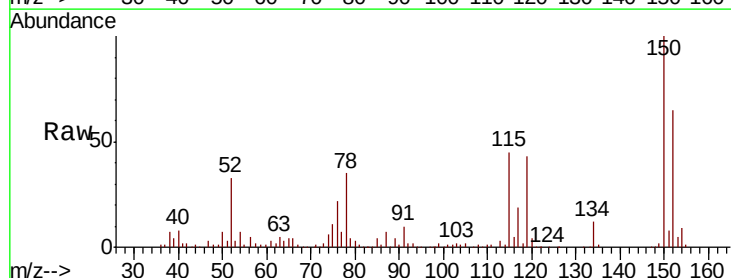
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0612DL

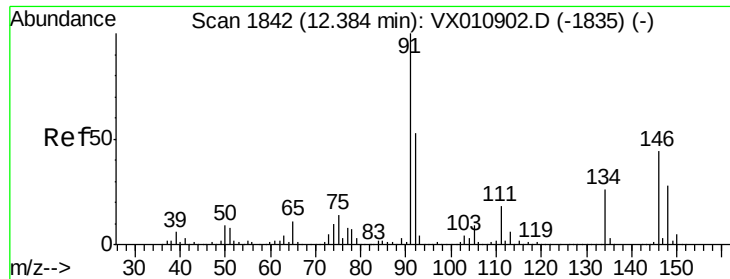
Tot Ion:105 Resp: 13408
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 1.374 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX011009.D
 Acq: 19 Jul 2019 17:48

Tgt Ion:119 Resp: 13725
 Ion Ratio Lower Upper
 119 100
 134 27.9 13.4 40.1
 91 26.2 11.8 35.4

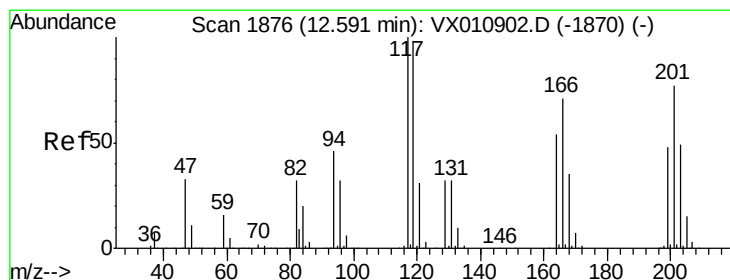
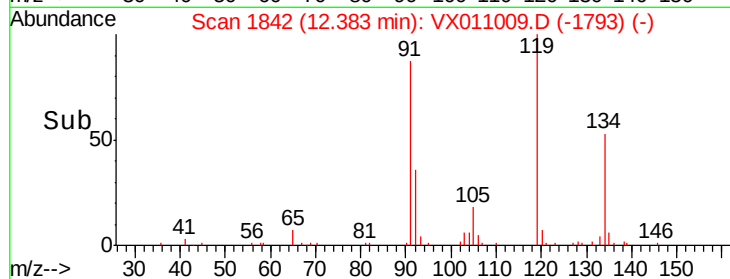
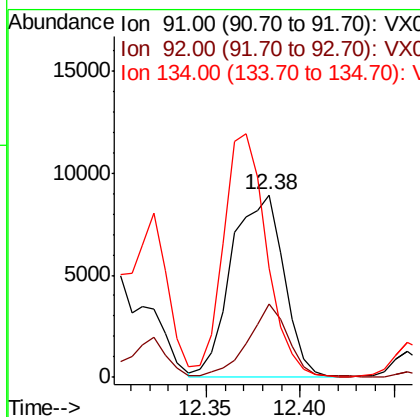
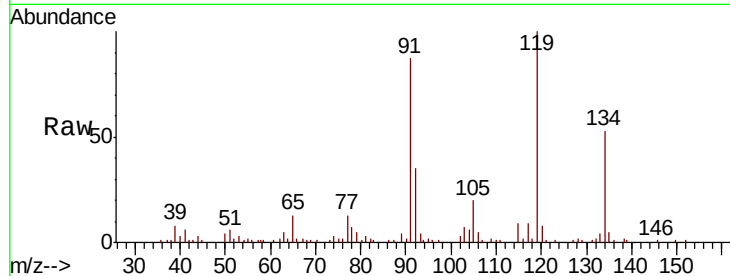




#89
n-Butylbenzene
Concen: 2.015 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX011009.D
Acq: 19 Jul 2019 17:48

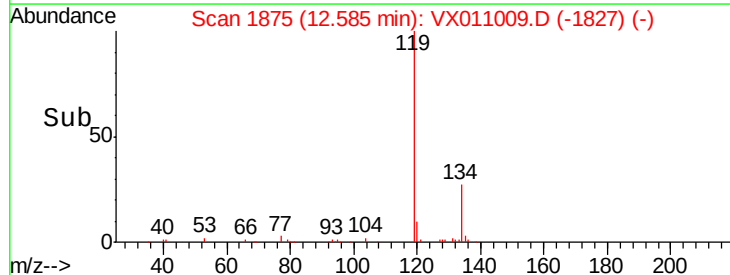
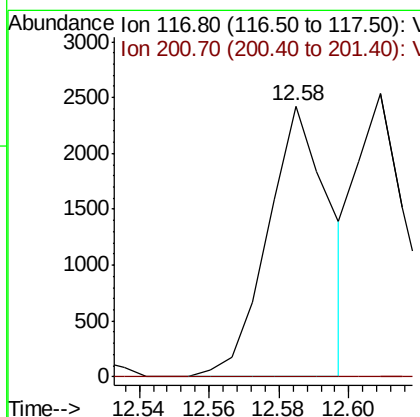
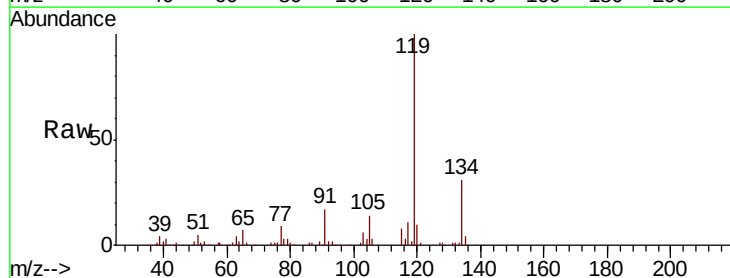
Instrument :
MSVOA_X
ClientSampled :
FL-0612DL

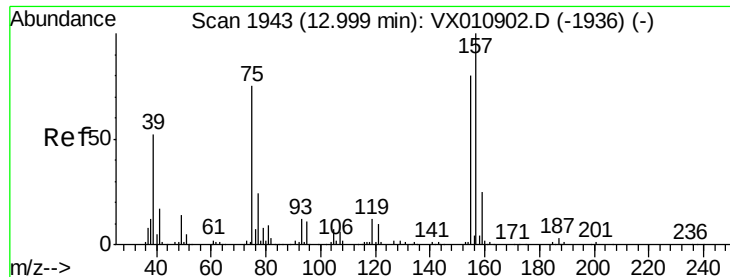
Tot Ion: 91 Resp: 17226
Ion Ratio Lower Upper
91 100
92 31.1 26.2 78.5
134 110.4 13.8 41.3#



#90
Hexachloroethane
Concen: 1.892 ug/l
RT: 12.58 min Scan# 1875
Delta R.T. -0.01 min
Lab File: VX011009.D
Acq: 19 Jul 2019 17:48

Tgt Ion: 117 Resp: 2982
Ion Ratio Lower Upper
117 100
201 0.0 43.3 129.8#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.440 ug/l

RT: 13.01 min Scan# 1945

Delta R.T. 0.01 min

Lab File: VX011009.D

Acq: 19 Jul 2019 17:48

Instrument :

MSVOA_X

ClientSampleId :

FL-0612DL

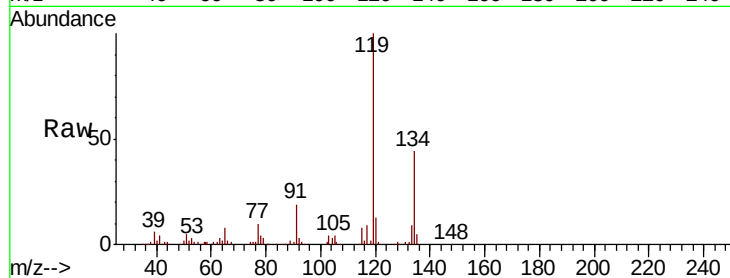
Tot Ion: 75 Resp: 338

Ion Ratio Lower Upper

75 100

155 0.0 48.7 146.1#

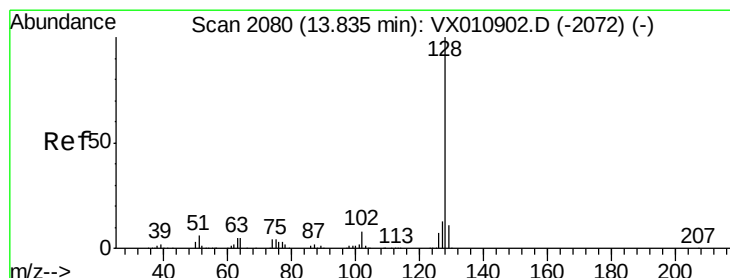
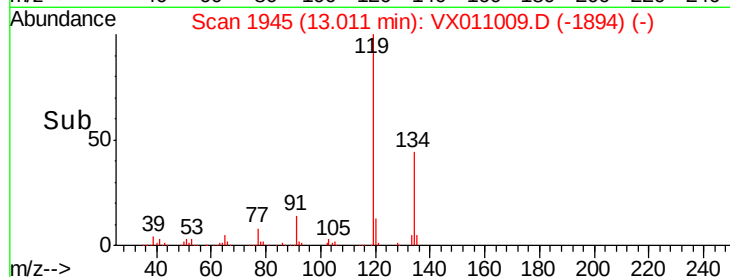
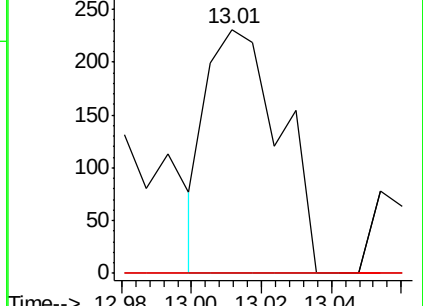
157 0.0 62.5 187.6#



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: 12.164 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX011009.D

Acq: 19 Jul 2019 17:48

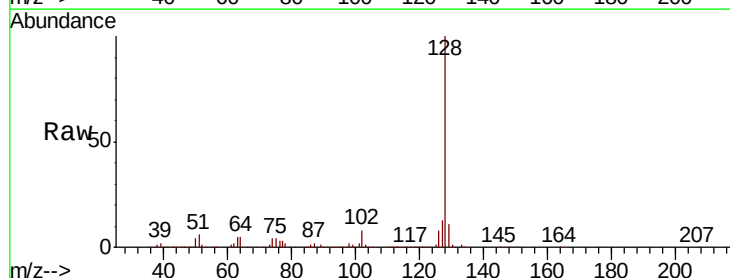
Tgt Ion:128 Resp: 129780

Ion Ratio Lower Upper

128 100

127 13.4 10.4 15.6

129 11.7 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

