

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071719\
 Data File : VX010931.D
 Acq On : 17 Jul 2019 13:23
 Operator : JC/SP
 Sample : K3791-16DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0610DL

Quant Time: Jul 18 02:29:12 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	230214	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	360511	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	332648	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	163119	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	120024	49.01	ug/l	0.00
Spiked Amount			Recovery	=	98.02%	
35) Dibromofluoromethane	5.50	113	110724	48.39	ug/l	0.00
Spiked Amount			Recovery	=	96.78%	
50) Toluene-d8	8.71	98	436623	50.87	ug/l	0.00
Spiked Amount			Recovery	=	101.74%	
62) 4-Bromofluorobenzene	11.13	95	154153	48.87	ug/l	0.00
Spiked Amount			Recovery	=	97.74%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	45	0.564	ug/l #	43
5) Bromomethane	1.65	94	640	0.526	ug/l #	66
6) Chloroethane	1.73	64	277	0.202	ug/l #	43
11) Tert butyl alcohol	3.04	59	644	1.129	ug/l #	73
13) Acrolein	2.29	56	165	0.501	ug/l #	15
14) Allyl chloride	2.85	41	5253	1.764	ug/l #	65
15) Acrylonitrile	3.18	53	1313	1.139	ug/l #	37
16) Acetone	2.44	43	1180	1.067	ug/l	98
18) Methyl Acetate	2.85	43	10995	4.365	ug/l #	48
20) Methylene Chloride	2.87	84	524	0.224	ug/l #	37
30) Chloroform	5.21	83	827	0.210	ug/l #	77
31) Cyclohexane	5.58	56	32979	9.917	ug/l	97
36) 1,1-Dichloropropene	5.66	75	15562	5.255	ug/l #	48
38) Carbon Tetrachloride	5.66	117	20996	6.804	ug/l #	17
39) Methylcyclohexane	7.46	83	187224	48.754	ug/l	97
43) Isopropyl Acetate	6.46	43	2437	0.489	ug/l #	60
45) 1,2-Dichloropropane	7.46	63	1896	0.821	ug/l #	1
48) Methyl methacrylate	7.73	41	7135	2.938	ug/l #	51
49) 1,4-Dioxane	7.63	88	24	0.353	ug/l #	1
51) 4-Methyl-2-Pentanone	8.66	43	1460	0.452	ug/l #	35
55) 1,1,2-Trichloroethane	9.16	97	6185	2.521	ug/l #	18
56) Ethyl methacrylate	9.16	69	1429	0.398	ug/l #	1
60) Dibromochloromethane	9.60	129	20	2.535	ug/l #	11
67) Ethyl Benzene	10.25	91	21281	1.830	ug/l	98
68) m/p-Xylenes	10.36	106	19817	4.442	ug/l	98
69) o-Xylene	10.69	106	5285	1.214	ug/l	97
73) Isopropylbenzene	11.02	105	49057	4.451	ug/l	99
76) 1,2,3-Trichloropropane	11.43	75	3318	1.127	ug/l #	1
78) n-propylbenzene	11.36	91	137936	11.326	ug/l	99
79) 2-Chlorotoluene	11.43	91	40811	5.578	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.51	105	159927	17.365	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.13	75	77336	65.245	ug/l #	11
82) 4-Chlorotoluene	11.51	91	17010	1.998	ug/l #	44
84) 1,2,4-Trimethylbenzene	11.80	105	294022	31.674	ug/l	98

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QLast Update : Wed Jul 17 06:57:45 2019
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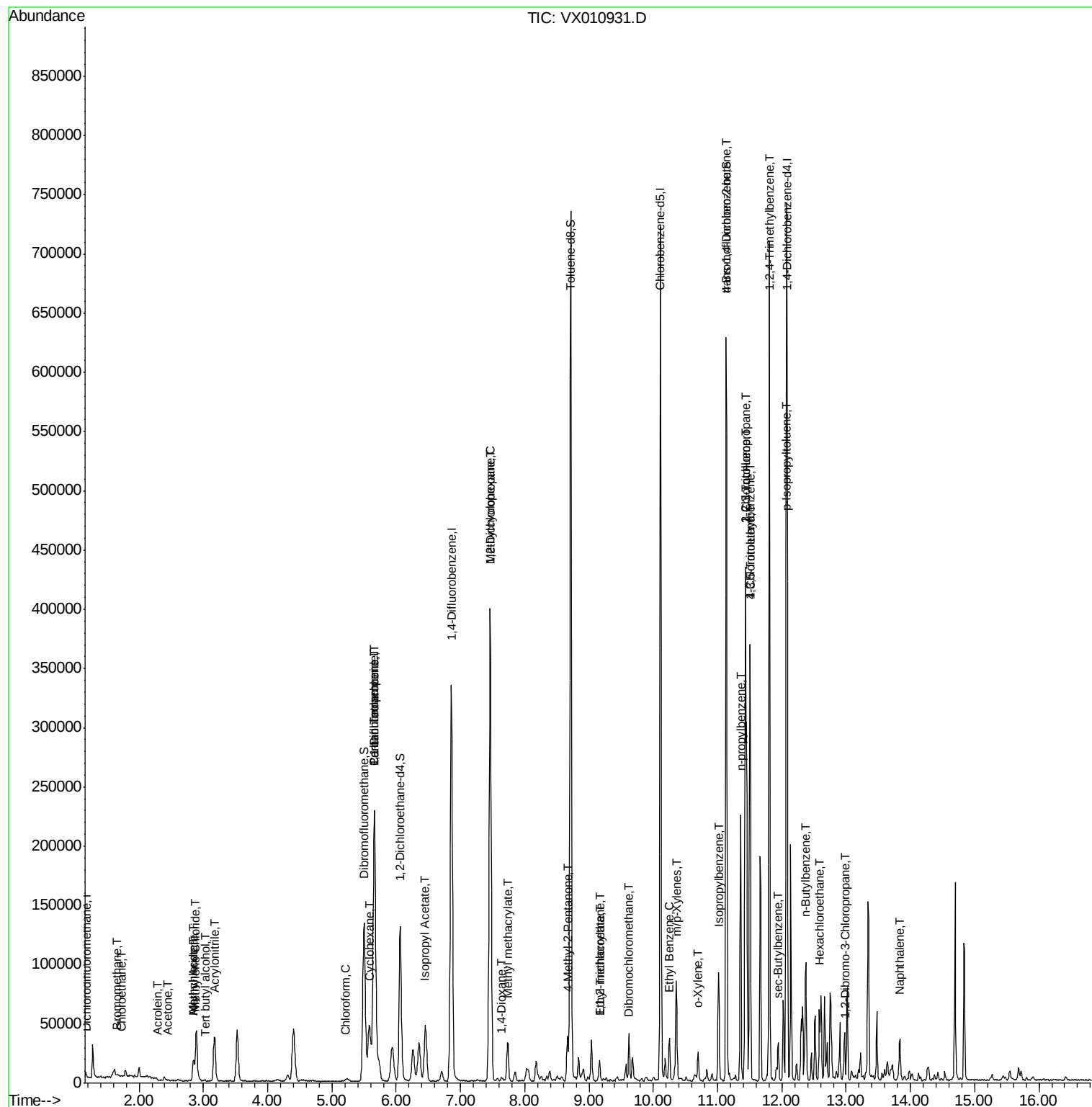
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	11.94	105	16067	1.516	ug/l	83
86) p-Isopropyltoluene	12.06	119	16417	1.675	ug/l	94
89) n-Butylbenzene	12.38	91	12858	1.534	ug/l #	14
90) Hexachloroethane	12.58	117	2252	1.457	ug/l #	6
92) 1,2-Dibromo-3-Chloropropan	12.99	75	289	0.383	ug/l #	1
95) Naphthalene	13.83	128	21648	2.069	ug/l	98

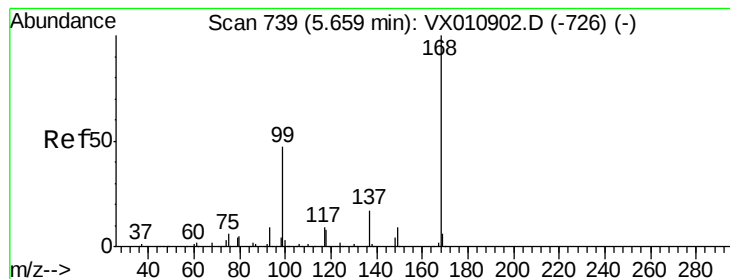
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX010931.D

Acq: 17 Jul 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

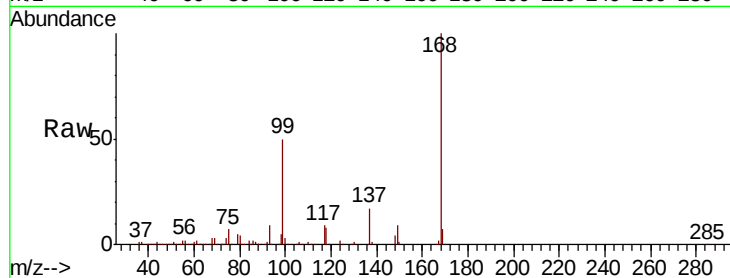
FL-0610DL

Tot Ion:168 Resp: 230214

Ion Ratio Lower Upper

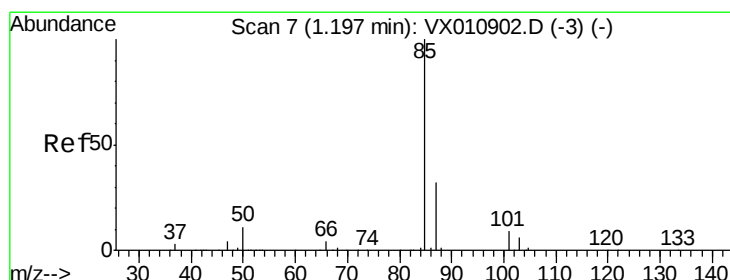
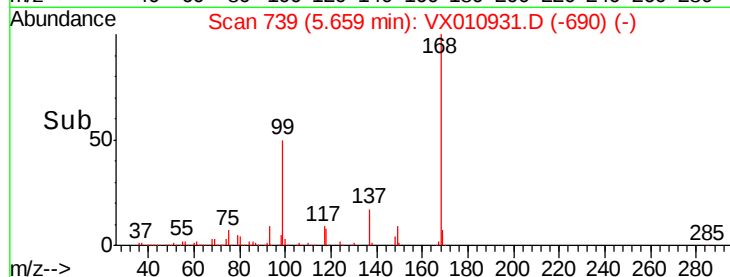
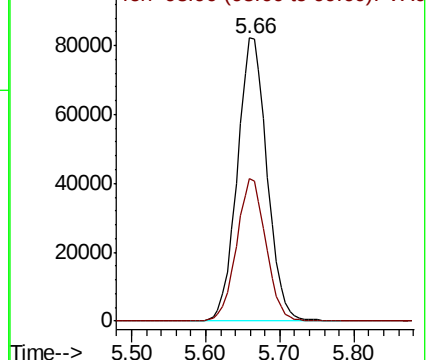
168 100

99 50.2 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: 1.19 min Scan# 6

Delta R.T. -0.01 min

Lab File: VX010931.D

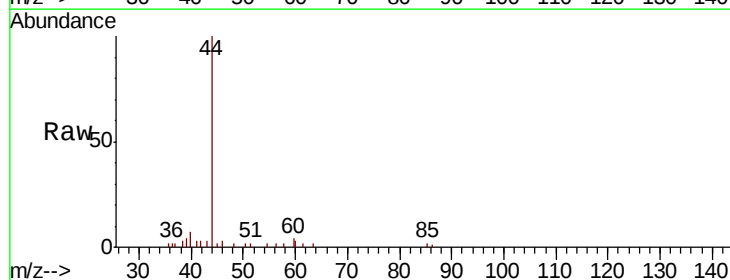
Acq: 17 Jul 2019 13:23

Tgt Ion: 85 Resp: 45

Ion Ratio Lower Upper

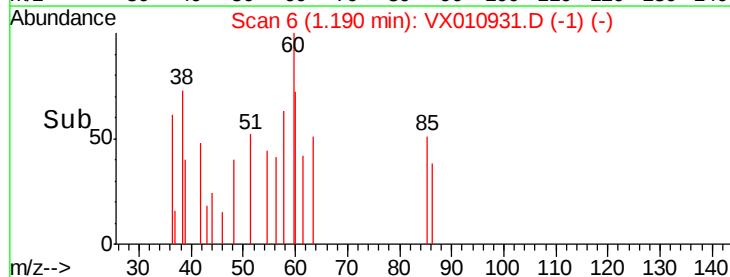
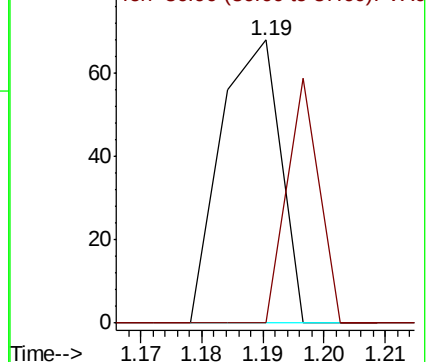
85 100

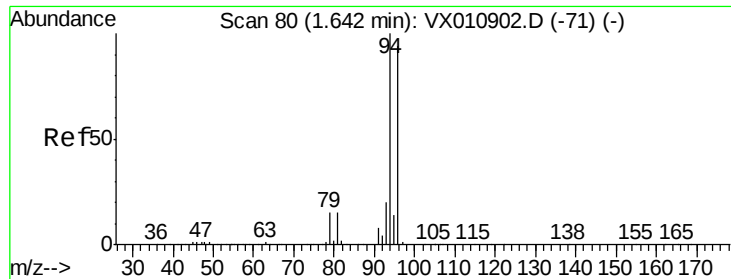
87 0.0 15.9 47.7#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#5

Bromomethane

Concen: 0.526 ug/l

RT: 1.65 min Scan# 82

Delta R.T. 0.01 min

Lab File: VX010931.D

Acq: 17 Jul 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

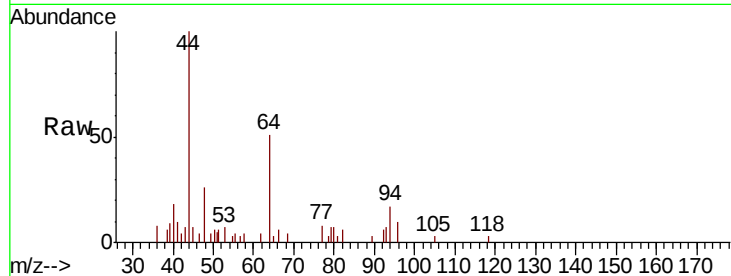
FL-0610DL

Tot Ion: 94 Resp: 640

Ion Ratio Lower Upper

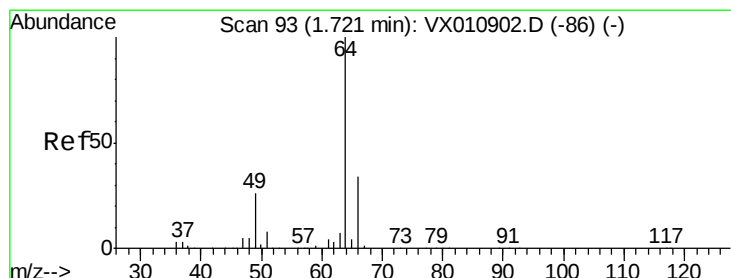
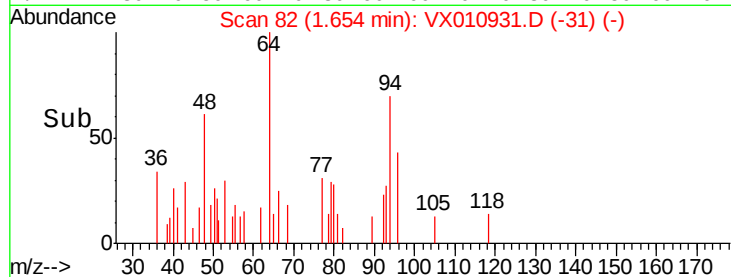
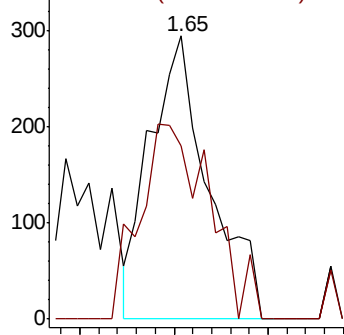
94 100

96 61.2 75.6 113.4#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 0.202 ug/l

RT: 1.73 min Scan# 95

Delta R.T. 0.01 min

Lab File: VX010931.D

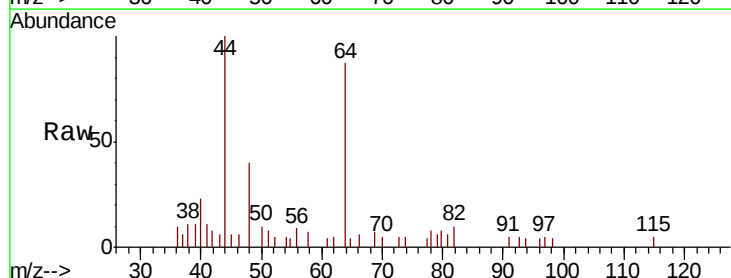
Acq: 17 Jul 2019 13:23

Tgt Ion: 64 Resp: 277

Ion Ratio Lower Upper

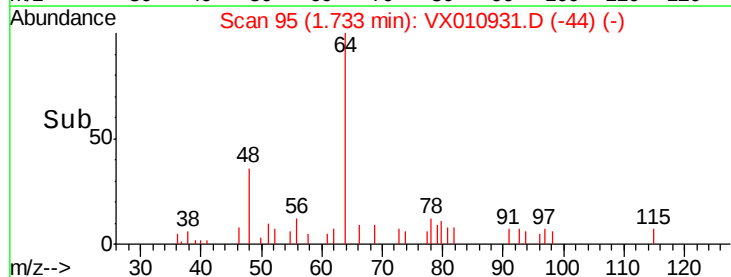
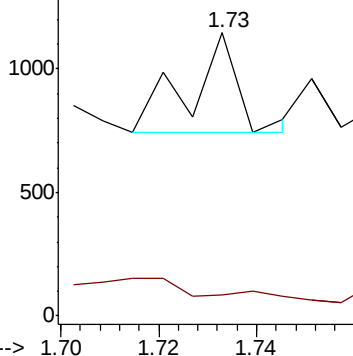
64 100

66 1.0 27.0 40.6#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

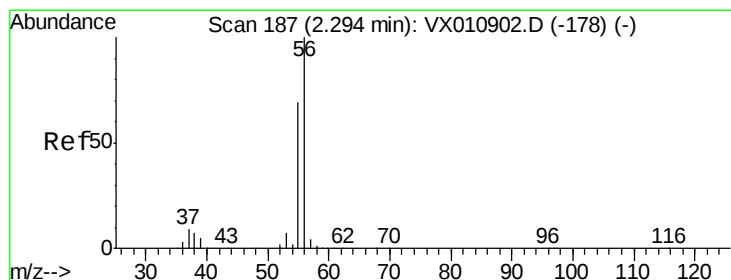
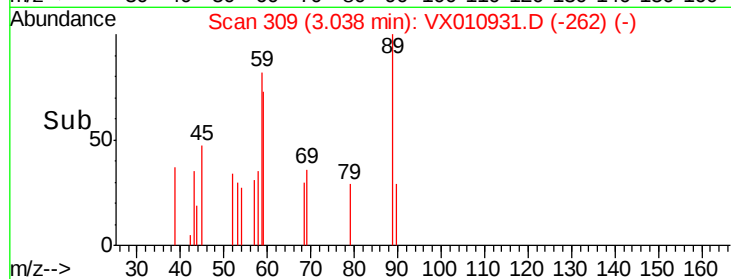
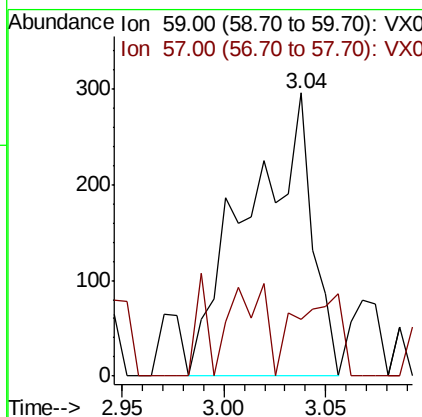
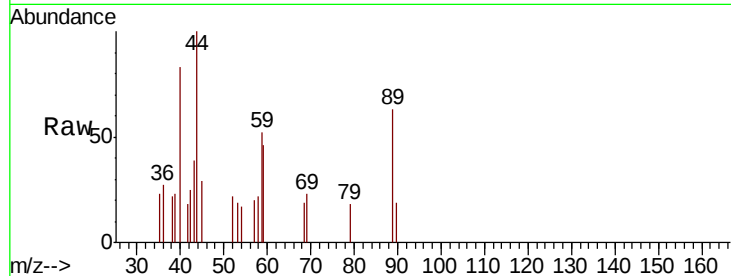




#11
Tert butyl alcohol
Concen: 1.129 ug/l
RT: 3.04 min Scan# 309
Delta R.T. -0.01 min
Lab File: VX010931.D
Acq: 17 Jul 2019 13:23

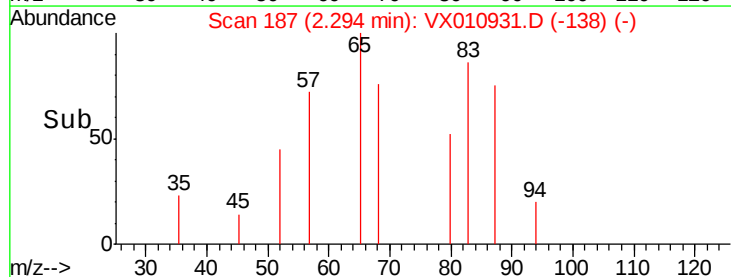
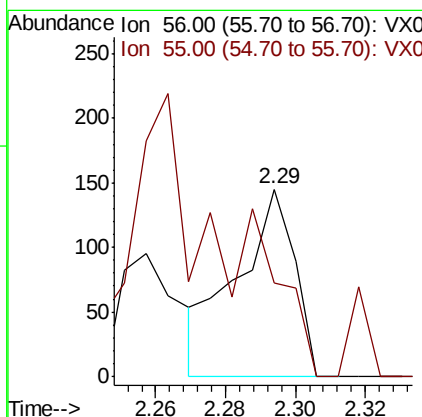
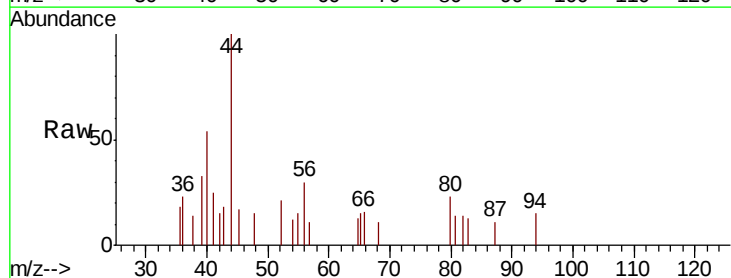
Instrument :
MSVOA_X
ClientSampled :
FL-0610DL

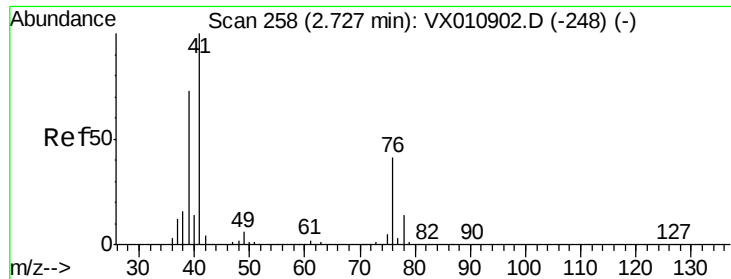
Tot Ion: 59 Resp: 644
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#



#13
Acrolein
Concen: 0.501 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX010931.D
Acq: 17 Jul 2019 13:23

Tgt Ion: 56 Resp: 165
Ion Ratio Lower Upper
56 100
55 0.0 55.9 83.9#

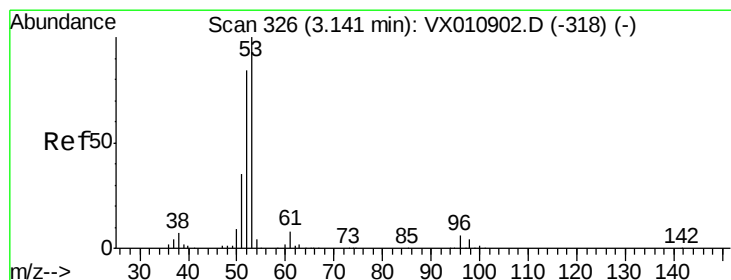
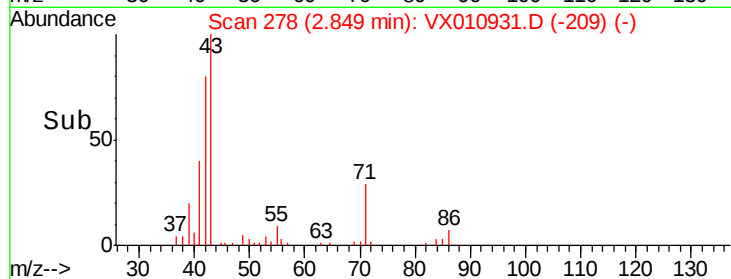
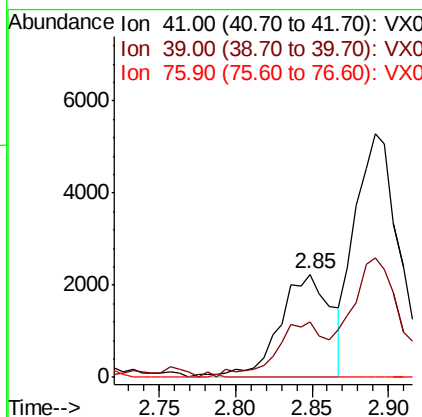
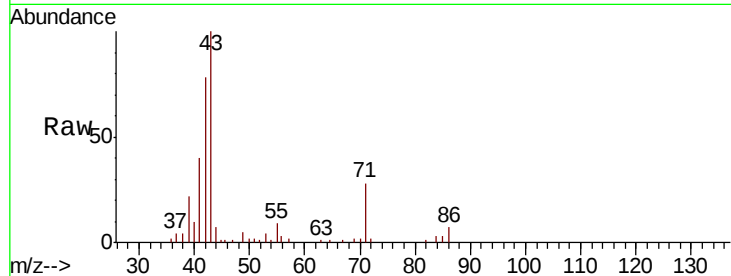




#14
 Allvl chloride
 Concen: 1.764 ug/l
 RT: 2.85 min Scan# 278
 Delta R.T. 0.12 min
 Lab File: VX010931.D
 Acq: 17 Jul 2019 13:23

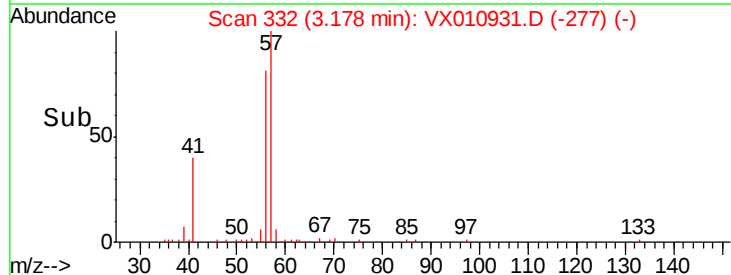
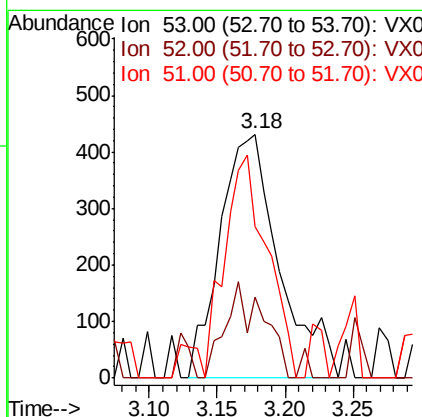
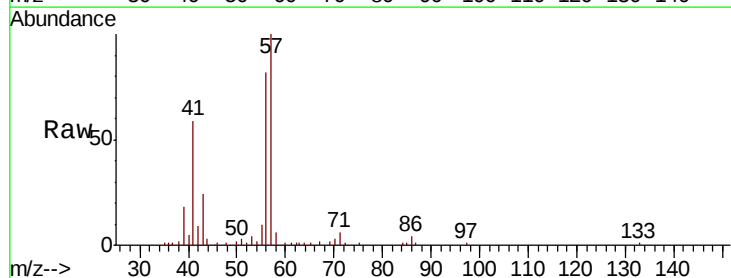
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0610DL

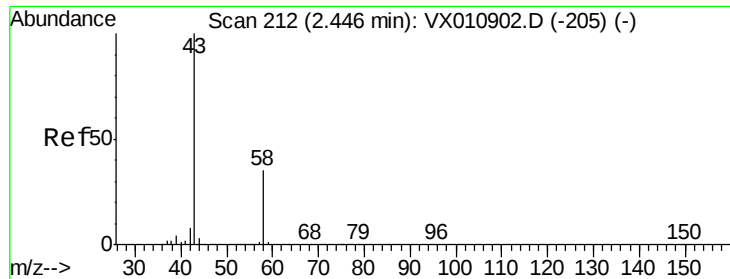
Tot Ion: 41 Resp: 5253
 Ion Ratio Lower Upper
 41 100
 39 51.2 53.6 80.4#
 76 0.0 29.7 44.5#



#15
 Acrylonitrile
 Concen: 1.139 ug/l
 RT: 3.18 min Scan# 332
 Delta R.T. 0.04 min
 Lab File: VX010931.D
 Acq: 17 Jul 2019 13:23

Tgt Ion: 53 Resp: 1313
 Ion Ratio Lower Upper
 53 100
 52 25.3 66.5 99.7#
 51 70.1 28.2 42.4#





#16

Acetone

Concen: 1.067 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010931.D

Acq: 17 Jul 2019 13:23

Instrument :

MSVOA_X

ClientSampled :

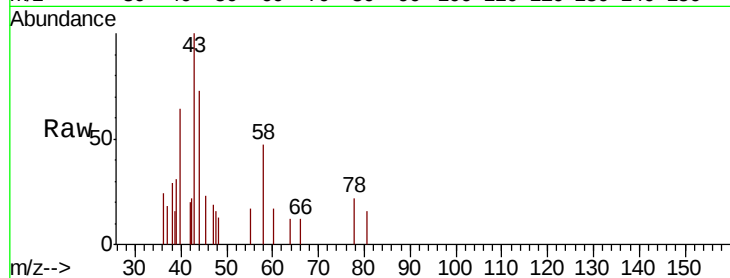
FL-0610DL

Tot Ion: 43 Resp: 1180

Ion Ratio Lower Upper

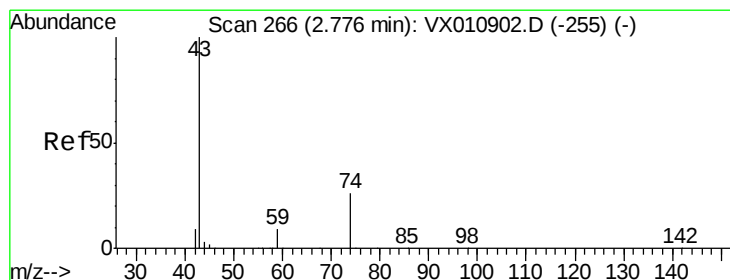
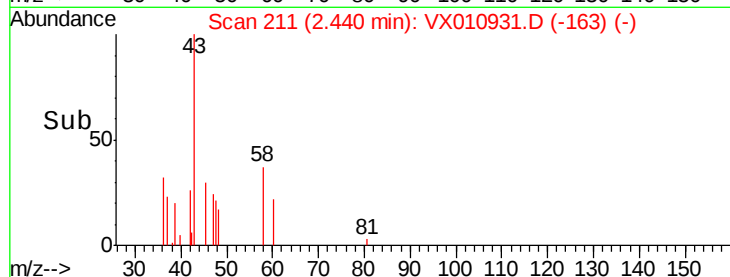
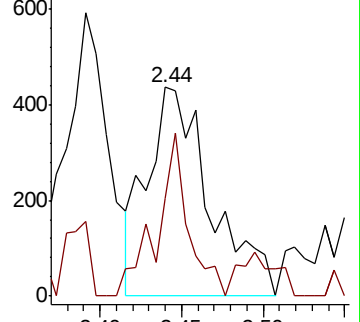
43 100

58 33.6 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#18

Methyl Acetate

Concen: 4.365 ug/l

RT: 2.85 min Scan# 278

Delta R.T. 0.07 min

Lab File: VX010931.D

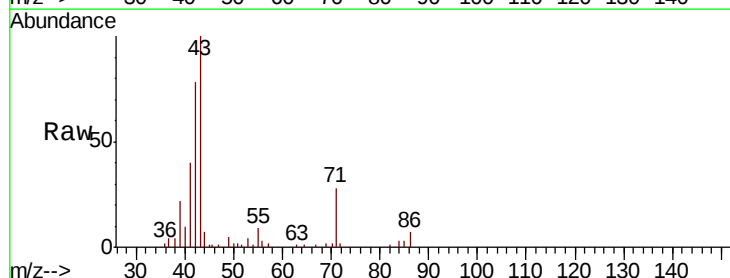
Acq: 17 Jul 2019 13:23

Tgt Ion: 43 Resp: 10995

Ion Ratio Lower Upper

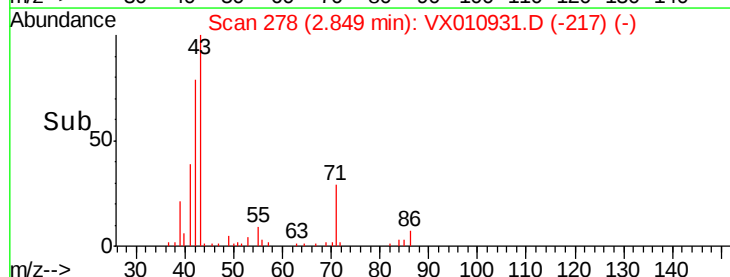
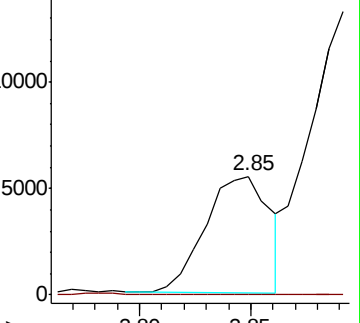
43 100

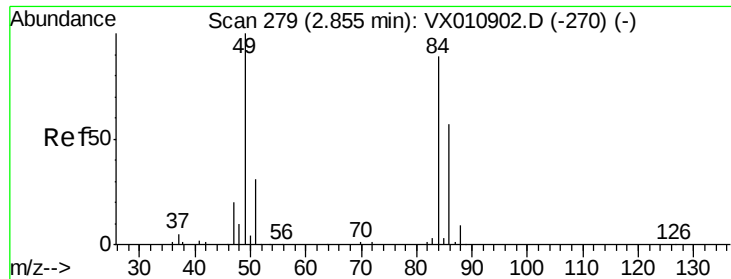
74 0.0 21.5 32.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#20

Methylene Chloride

Concen: 0.224 ug/l

RT: 2.87 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX010931.D

Acq: 17 Jul 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

FL-0610DL

Tot Ion: 84 Resp: 524

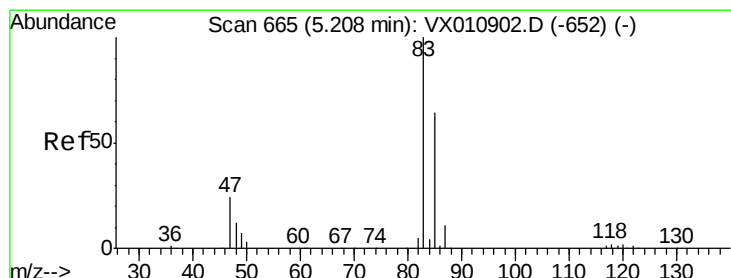
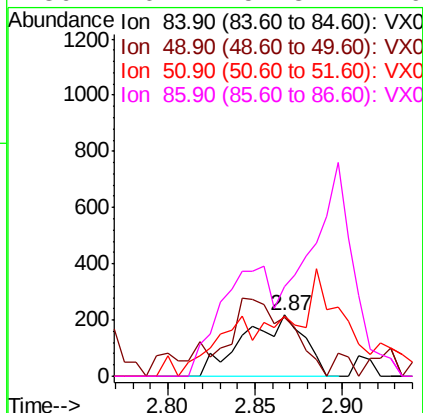
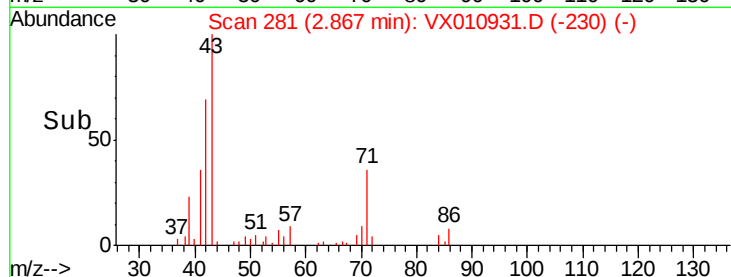
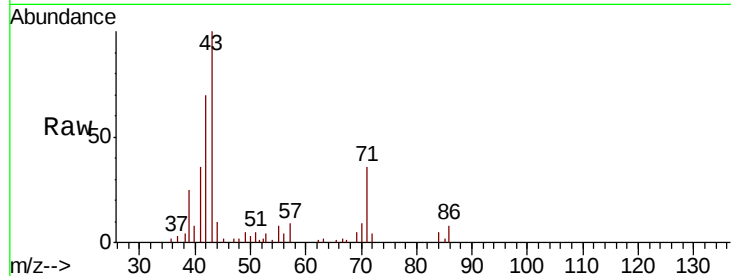
Ion Ratio Lower Upper

84 100

49 71.9 89.9 134.9#

51 76.0 27.8 41.6#

86 146.1 51.8 77.6#



#30

Chloroform

Concen: 0.210 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.00 min

Lab File: VX010931.D

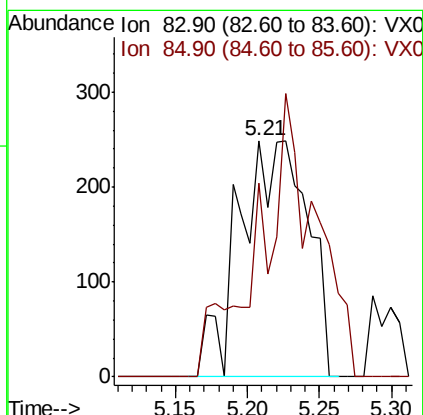
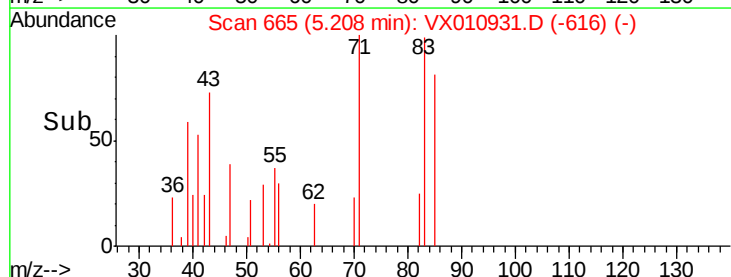
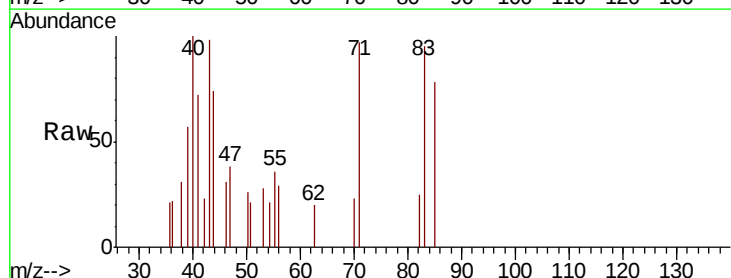
Acq: 17 Jul 2019 13:23

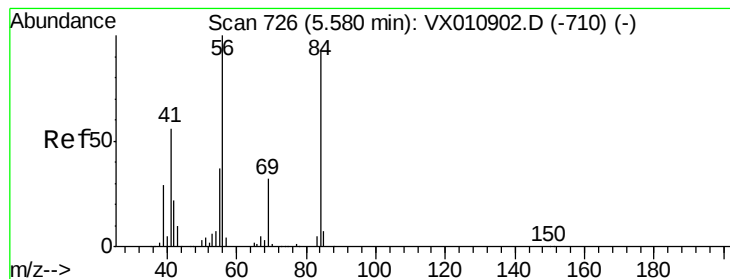
Tgt Ion: 83 Resp: 827

Ion Ratio Lower Upper

83 100

85 81.9 51.4 77.0#





#31

Cyclohexane

Concen: 9.917 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX010931.D

Acq: 17 Jul 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

FL-0610DL

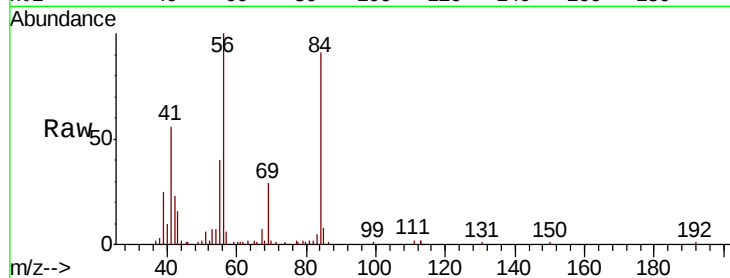
Tot Ion: 56 Resp: 32979

Ion Ratio Lower Upper

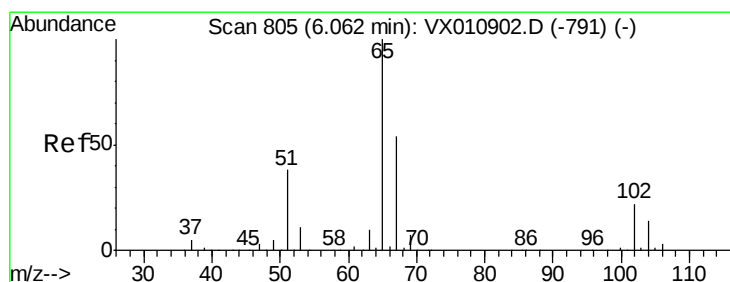
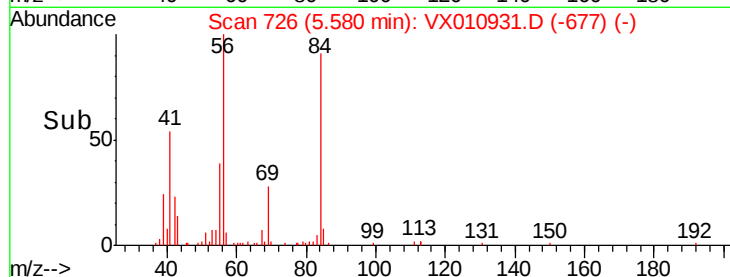
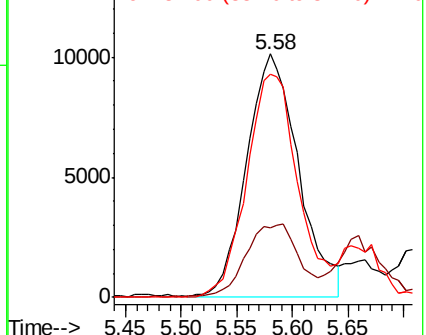
56 100

69 28.2 25.8 38.8

84 91.4 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: 49.007 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX010931.D

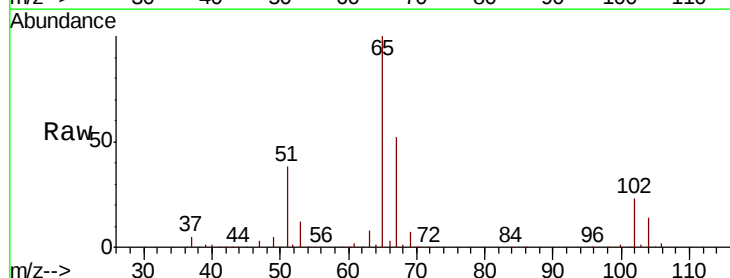
Acq: 17 Jul 2019 13:23

Tgt Ion: 65 Resp: 120024

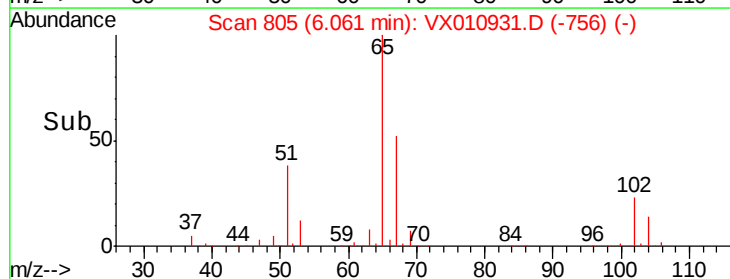
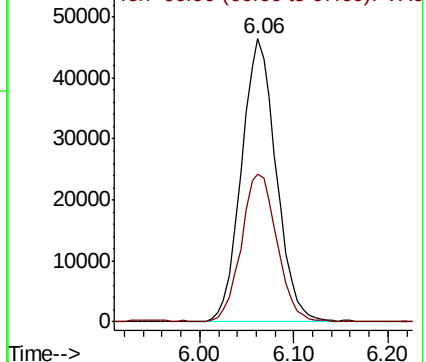
Ion Ratio Lower Upper

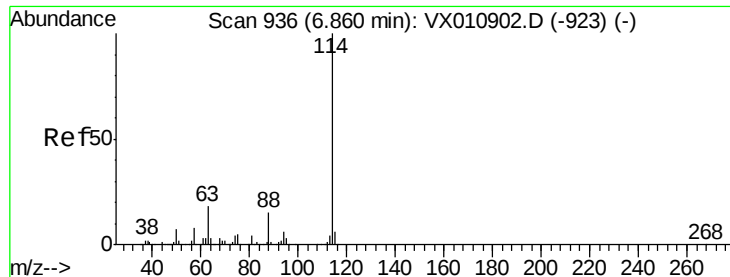
65 100

67 53.9 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: VX010931.D

Acq: 17 Jul 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

FL-0610DL

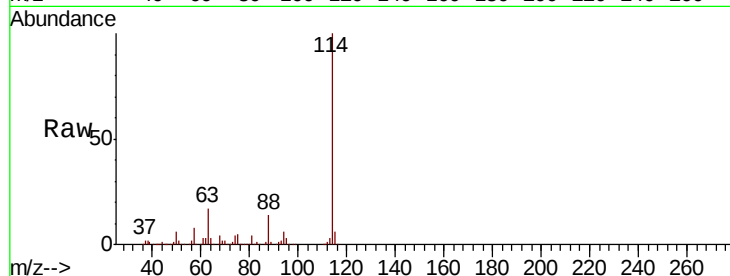
Tot Ion:114 Resp: 360511

Ion Ratio Lower Upper

114 100

63 17.3 0.0 35.6

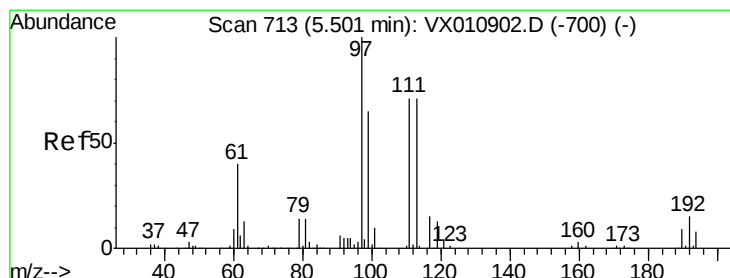
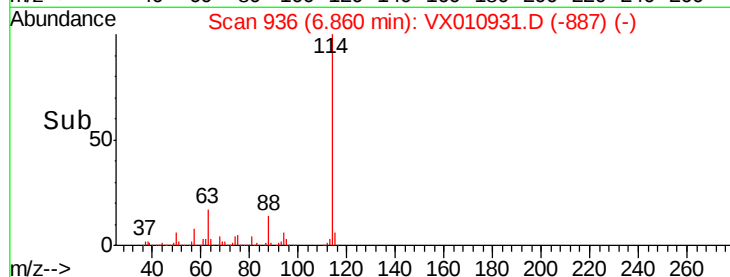
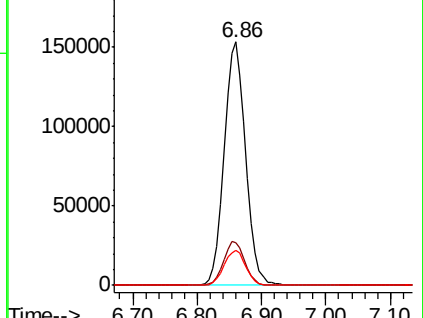
88 14.2 0.0 29.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 48.388 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010931.D

Acq: 17 Jul 2019 13:23

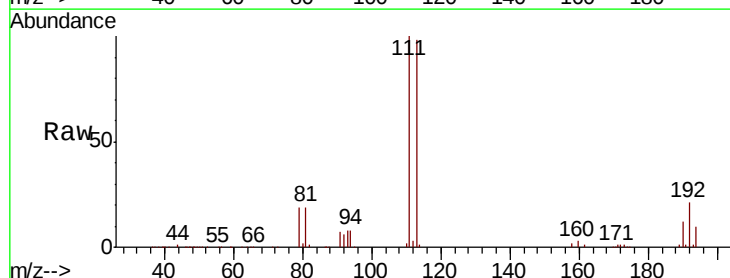
Tgt Ion:113 Resp: 110724

Ion Ratio Lower Upper

113 100

111 101.9 82.3 123.5

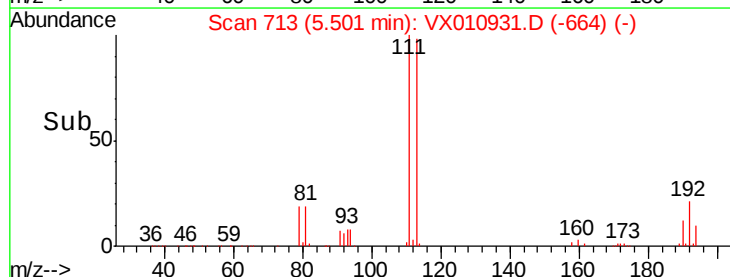
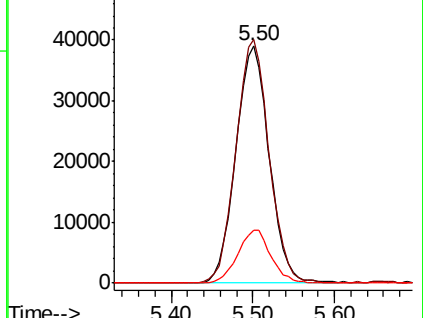
192 22.1 17.4 26.2

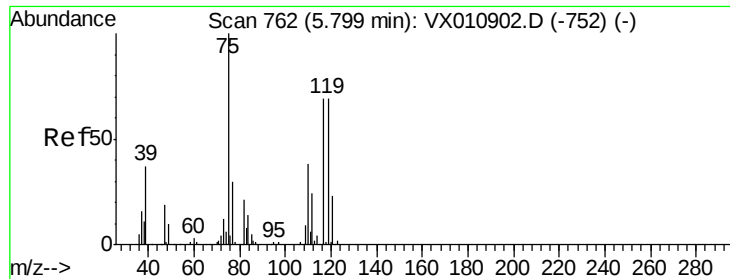


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

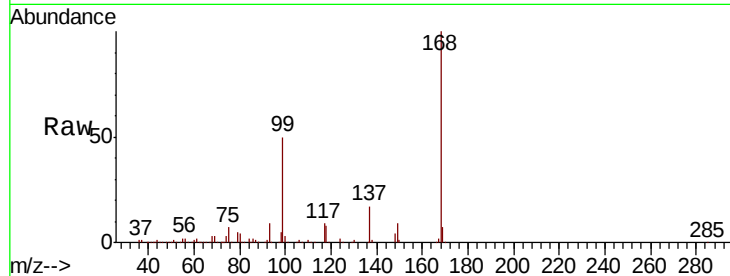




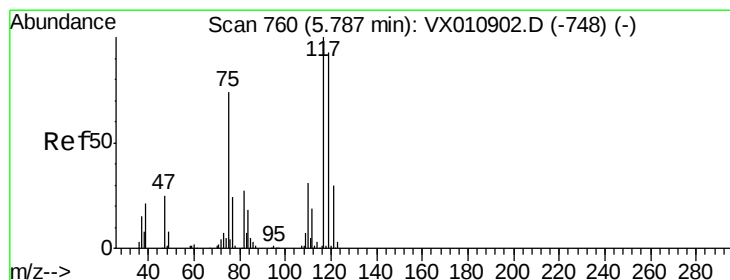
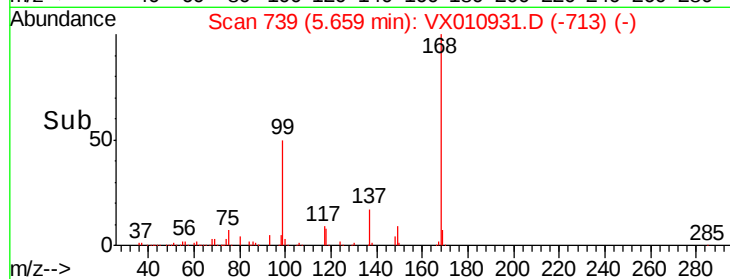
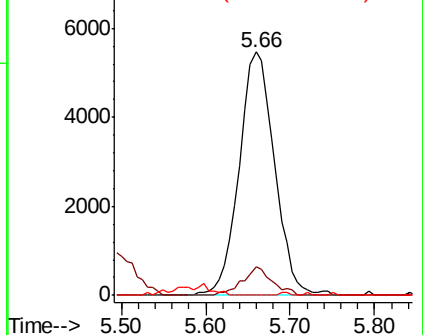
#36
 1,1-Dichloropropene
 Concen: 5.255 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX010931.D
 Acq: 17 Jul 2019 13:23

Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0610DL

Tot Ion	Ratio	Lower	Upper
75	100		
110	9.8	19.9	59.7#
77	0.0	25.0	37.4#

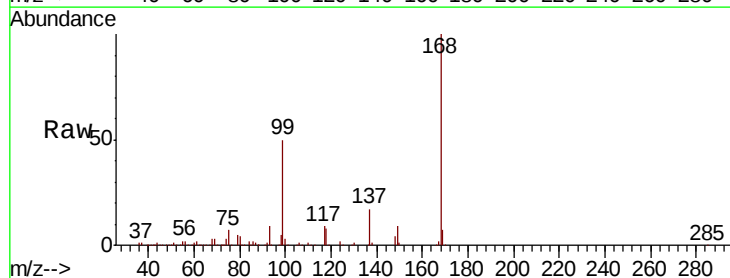


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

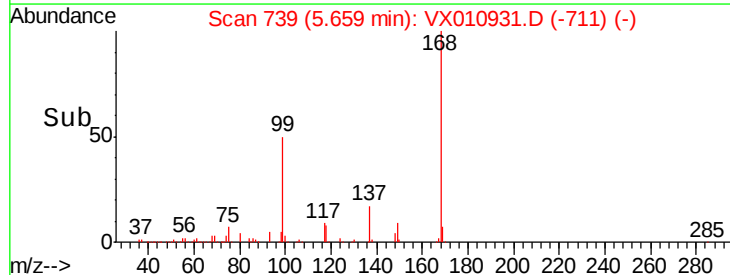
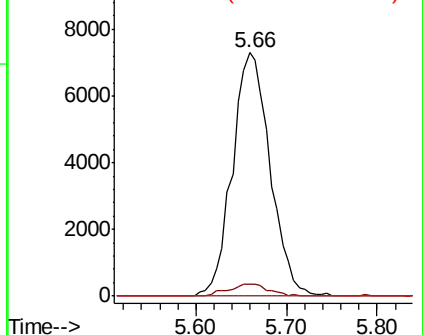


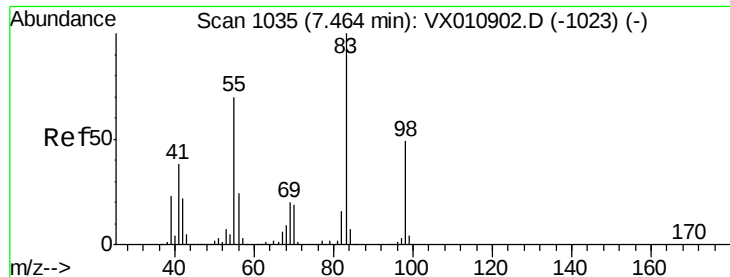
#38
 Carbon Tetrachloride
 Concen: 6.804 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.13 min
 Lab File: VX010931.D
 Acq: 17 Jul 2019 13:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.0	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

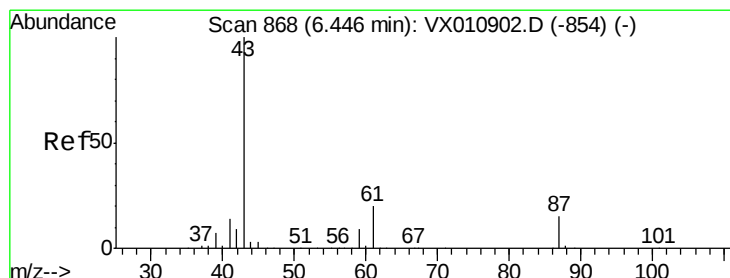
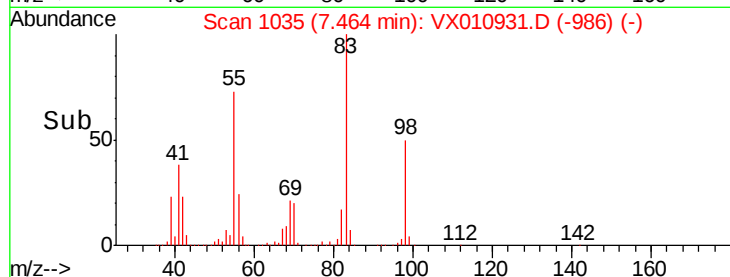
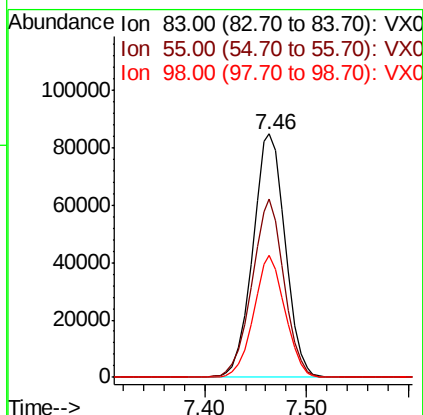
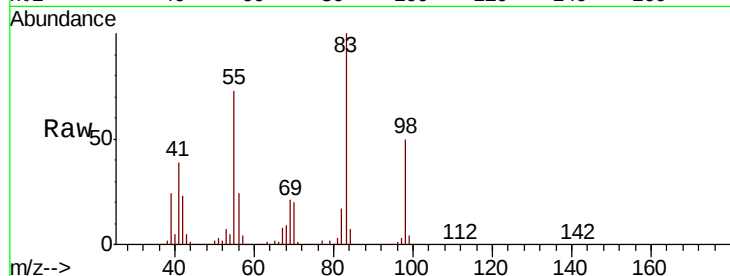




#39
Methvlcvclohexane
Concen: 48.754 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX010931.D
Acq: 17 Jul 2019 13:23

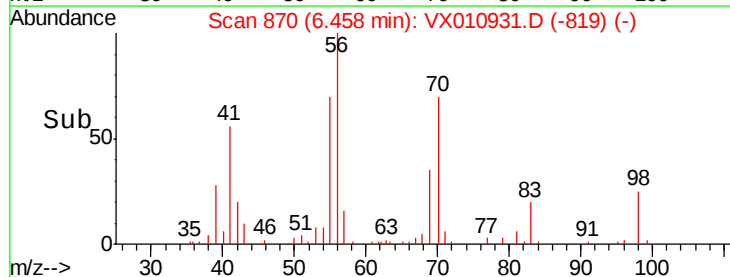
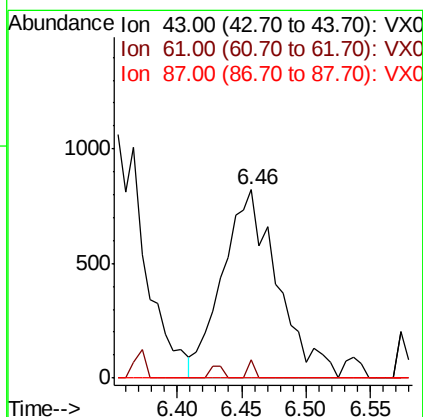
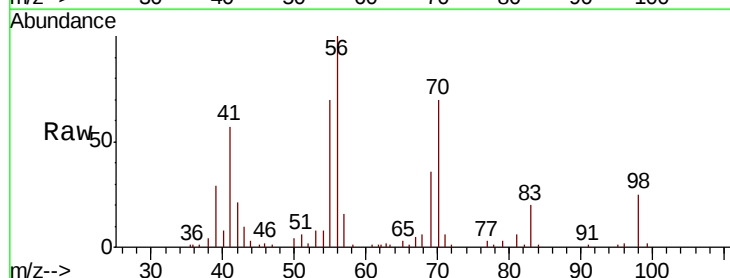
Instrument :
MSVOA_X
ClientSampled :
FL-0610DL

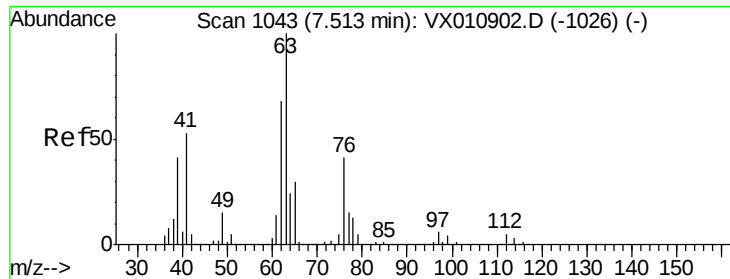
Tot Ion: 83 Resp: 187224
Ion Ratio Lower Upper
83 100
55 73.0 56.2 84.4
98 49.9 39.0 58.4



#43
Isopropyl Acetate
Concen: 0.489 ug/l
RT: 6.46 min Scan# 870
Delta R.T. 0.01 min
Lab File: VX010931.D
Acq: 17 Jul 2019 13:23

Tgt Ion: 43 Resp: 2437
Ion Ratio Lower Upper
43 100
61 1.2 17.1 25.7#
87 0.0 12.0 18.0#





#45

1,2-Dichloropropane

Concen: 0.821 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. -0.05 min

Lab File: VX010931.D

Acq: 17 Jul 2019 13:23

Instrument :

MSVOA_X

ClientSampled :

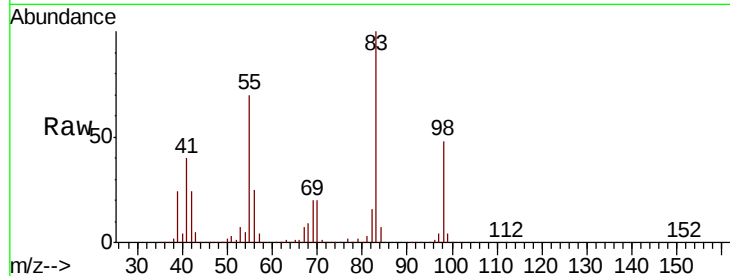
FL-0610DL

Tot Ion: 63 Resp: 1896

Ion Ratio Lower Upper

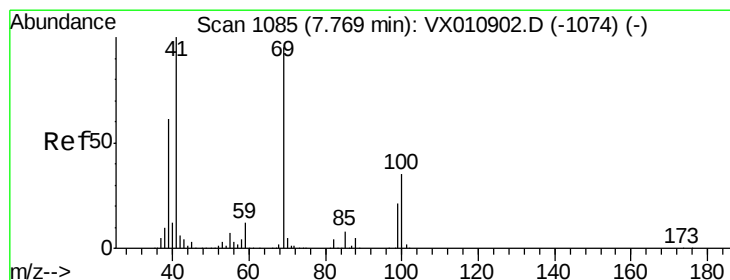
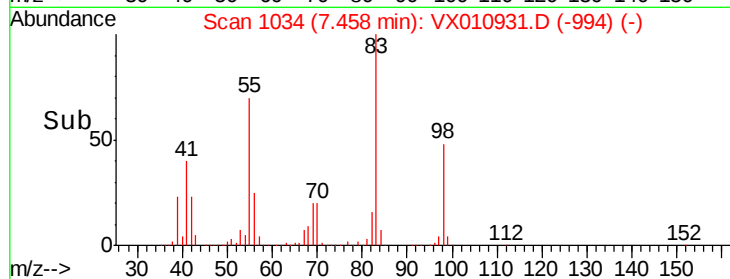
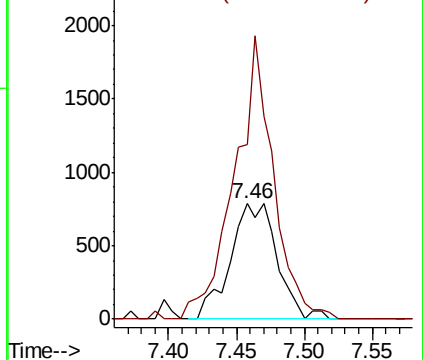
63 100

65 150.8 24.4 36.6#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#48

Methyl methacrylate

Concen: 2.938 ug/l

RT: 7.73 min Scan# 1079

Delta R.T. -0.04 min

Lab File: VX010931.D

Acq: 17 Jul 2019 13:23

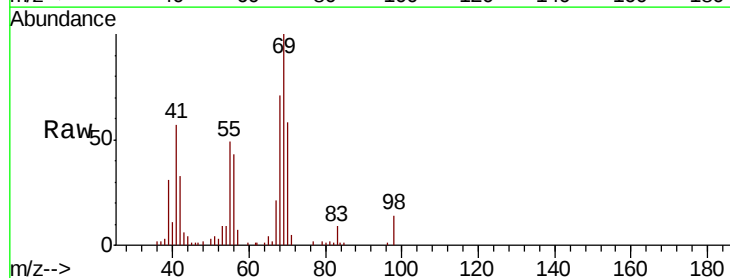
Tgt Ion: 41 Resp: 7135

Ion Ratio Lower Upper

41 100

69 157.6 74.4 111.6#

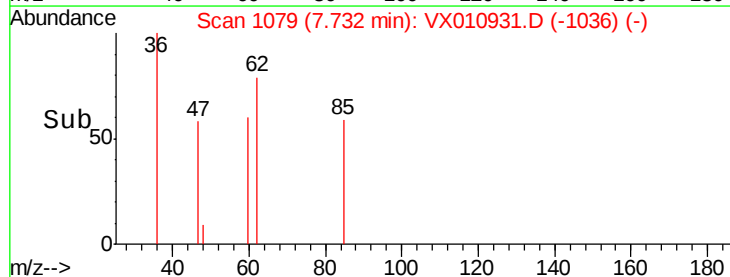
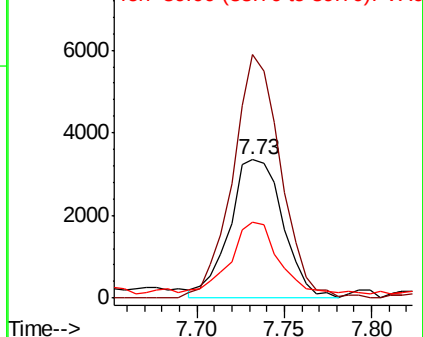
39 44.8 48.9 73.3#

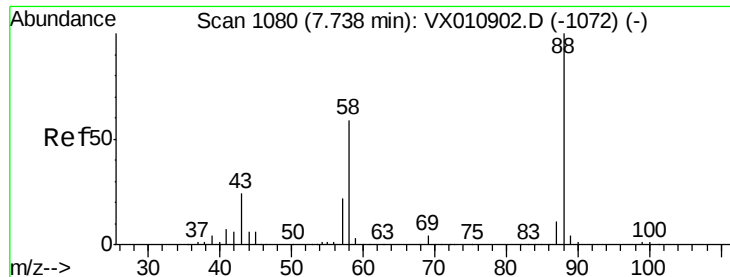


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

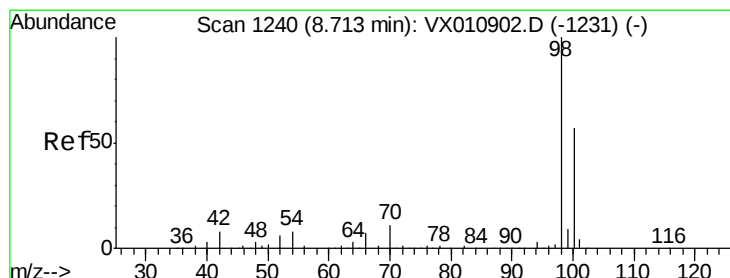
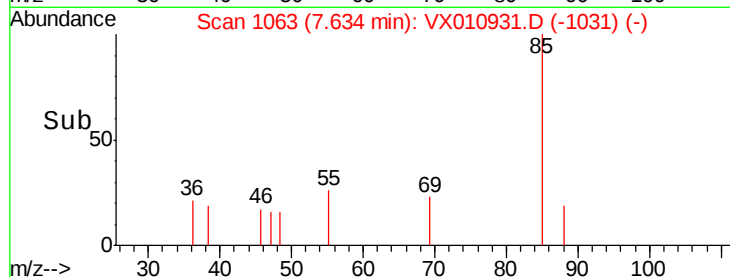
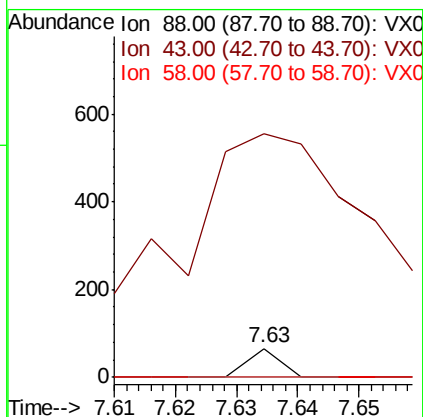
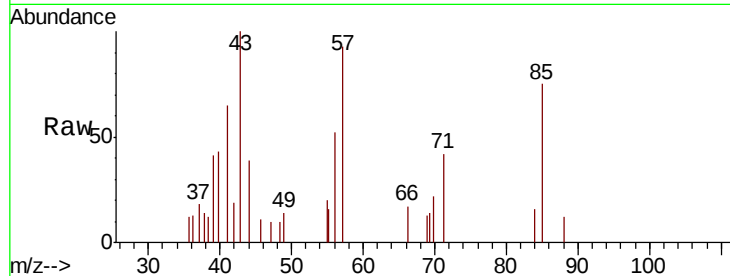




#49
1,4-Dioxane
Concen: 0.353 ug/l
RT: 7.63 min Scan# 1063
Delta R.T. -0.10 min
Lab File: VX010931.D
Acq: 17 Jul 2019 13:23

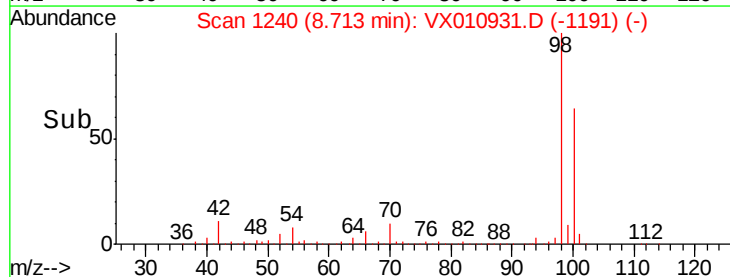
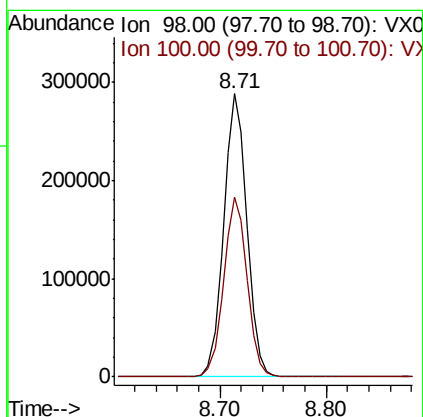
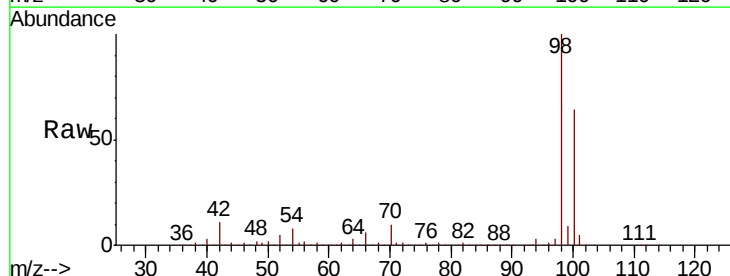
Instrument :
MSVOA_X
ClientSampled :
FL-0610DL

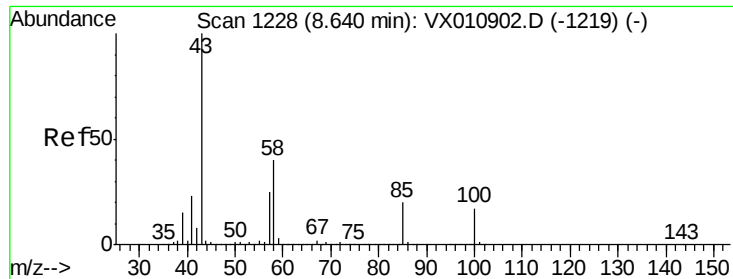
Tot Ion: 88 Resp: 24
Ion Ratio Lower Upper
88 100
43 4487.5 22.9 34.3#
58 0.0 49.8 74.8#



#50
Toluene-d8
Concen: 50.874 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX010931.D
Acq: 17 Jul 2019 13:23

Tgt Ion: 98 Resp: 436623
Ion Ratio Lower Upper
98 100
100 64.0 50.6 75.8

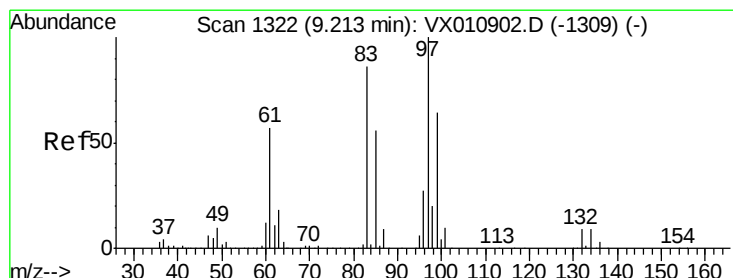
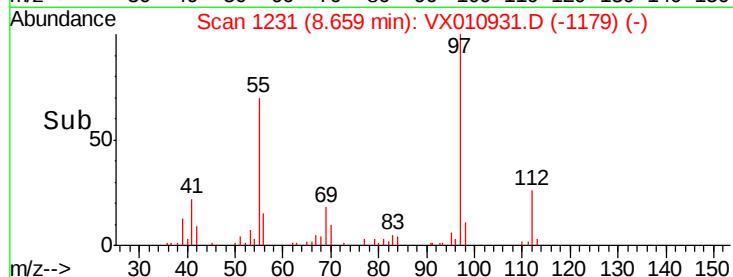
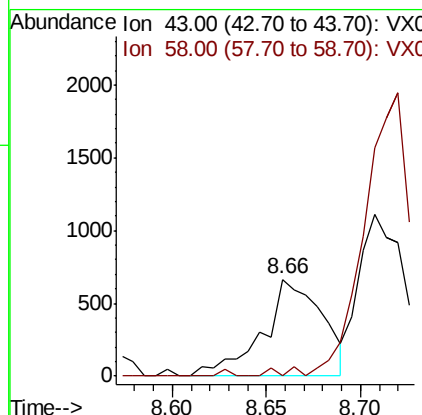
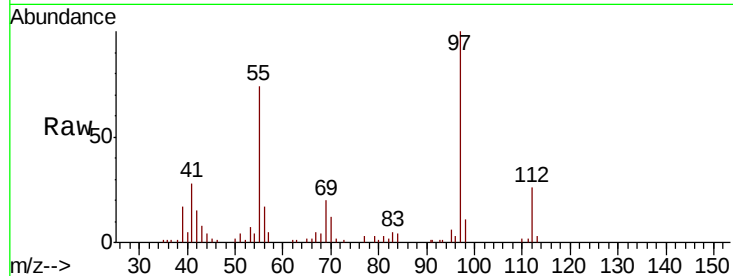




#51
 4-Methyl-2-Pentanone
 Concen: 0.452 ug/l
 RT: 8.66 min Scan# 1231
 Delta R.T. 0.02 min
 Lab File: VX010931.D
 Acq: 17 Jul 2019 13:23

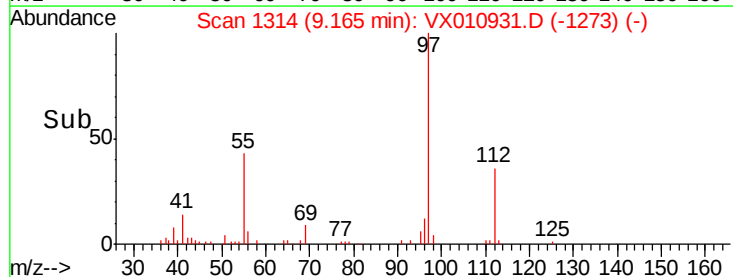
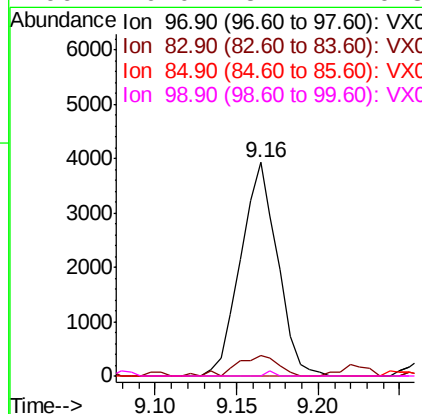
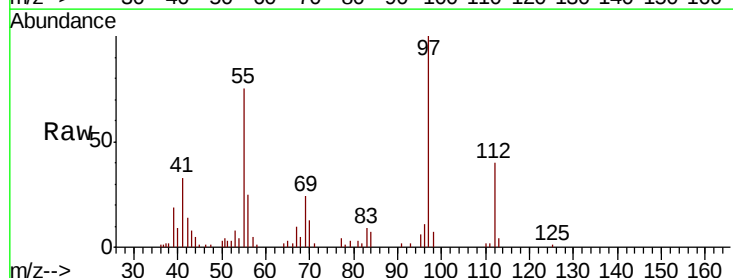
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0610DL

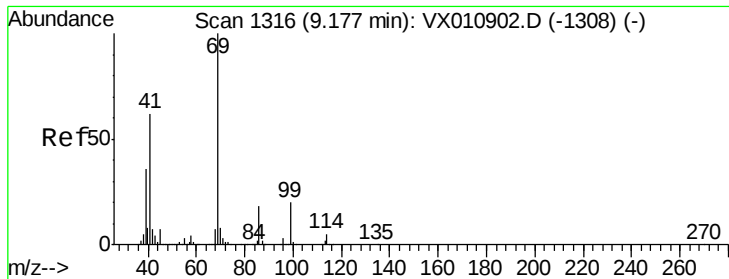
Tot Ion: 43 Resp: 1460
 Ion Ratio Lower Upper
 43 100
 58 0.0 32.2 48.4#



#55
 1,1,2-Trichloroethane
 Concen: 2.521 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.05 min
 Lab File: VX010931.D
 Acq: 17 Jul 2019 13:23

Tgt Ion: 97 Resp: 6185
 Ion Ratio Lower Upper
 97 100
 83 8.1 69.2 103.8#
 85 0.0 44.6 66.8#
 99 0.0 51.2 76.8#





#56

Ethyl methacrylate

Concen: 0.398 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.01 min

Lab File: VX010931.D

Acq: 17 Jul 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

FL-0610DL

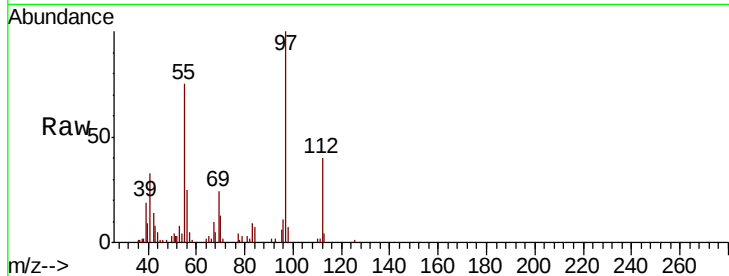
Tot Ion: 69.00 Resp: 1429

Ion Ratio Lower Upper

69 100

41 174.0 49.7 74.5#

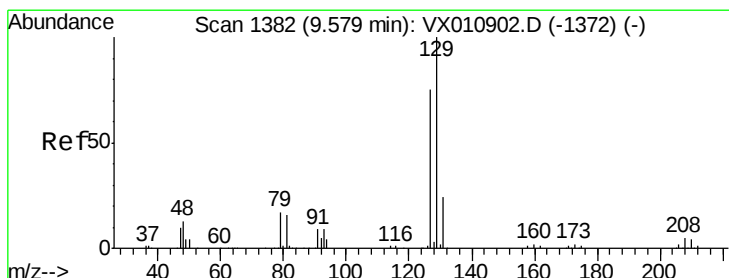
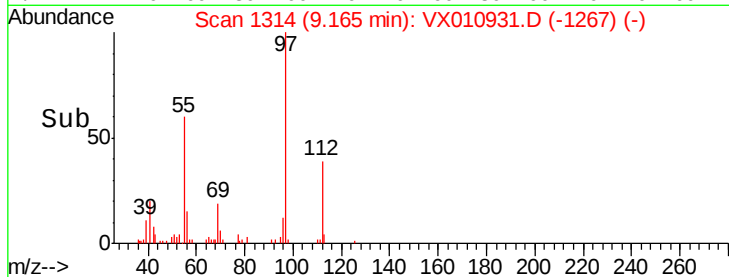
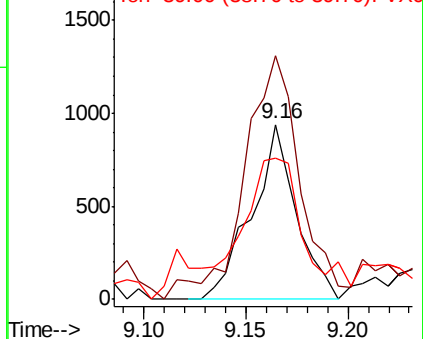
39 89.9 29.6 44.4#



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#60

Dibromochloromethane

Concen: 2.535 ug/l

RT: 9.60 min Scan# 1386

Delta R.T. 0.02 min

Lab File: VX010931.D

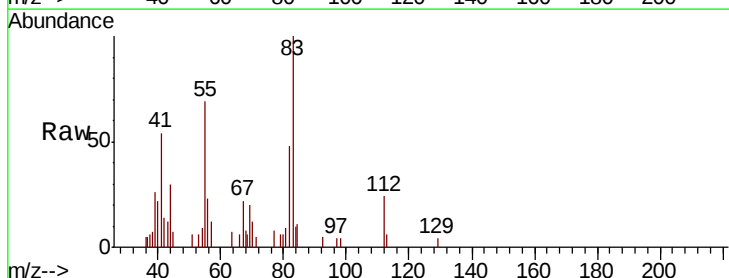
Acq: 17 Jul 2019 13:23

Tgt Ion: 129 Resp: 20

Ion Ratio Lower Upper

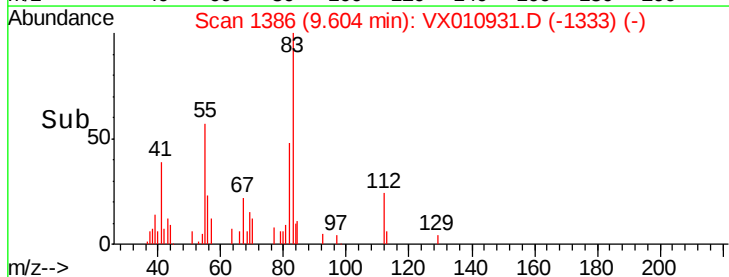
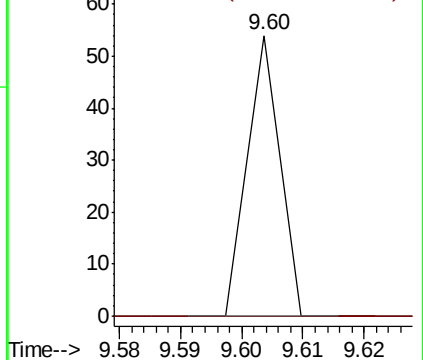
129 100

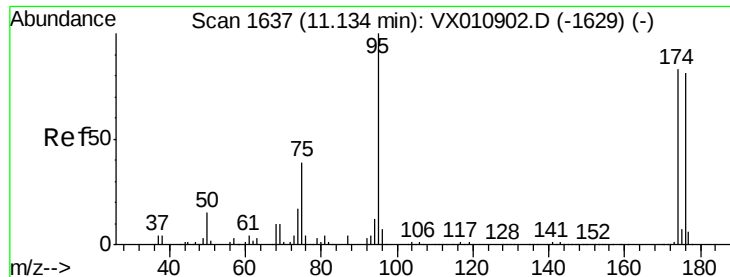
127 0.0 38.6 115.8#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V





#62

4-Bromofluorobenzene

Concen: 48.866 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX010931.D

Acq: 17 Jul 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

FL-0610DL

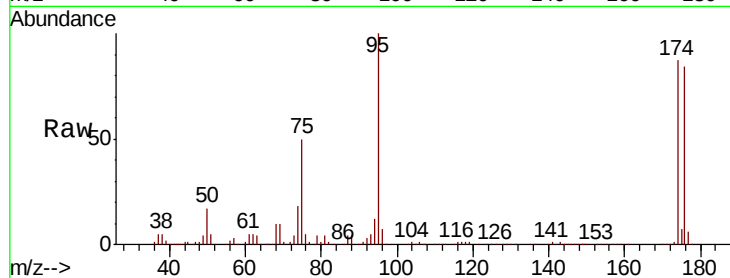
Tot Ion: 95 Resp: 154153

Ion Ratio Lower Upper

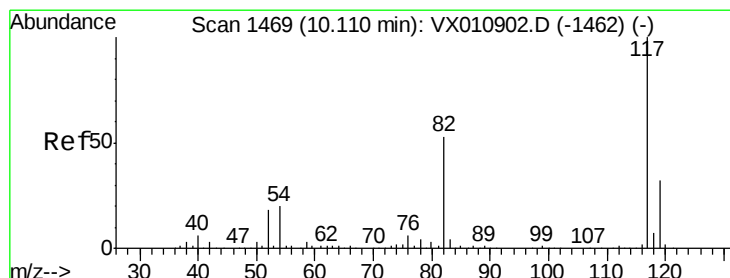
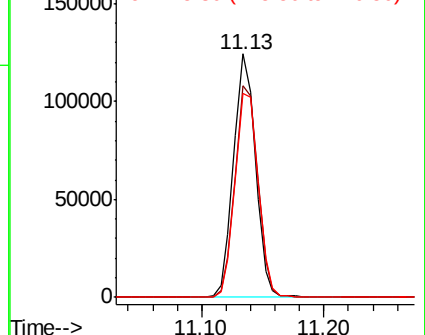
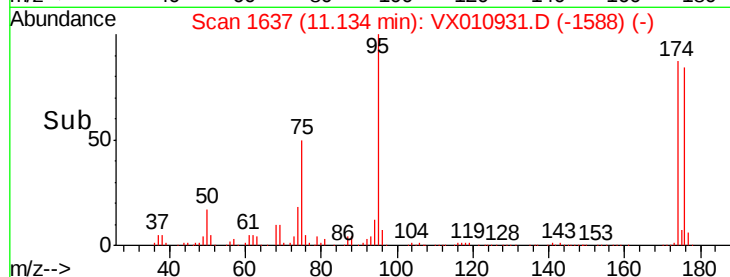
95 100

174 90.6 0.0 180.6

176 88.9 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VX010931.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX010931.D

Acq: 17 Jul 2019 13:23

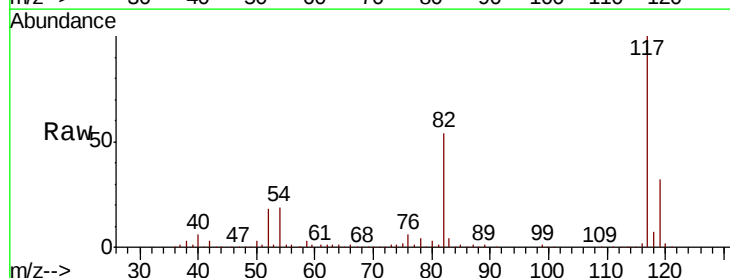
Tgt Ion: 117 Resp: 332648

Ion Ratio Lower Upper

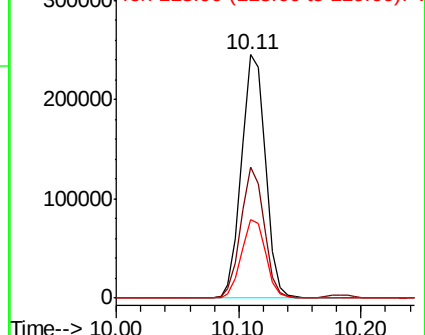
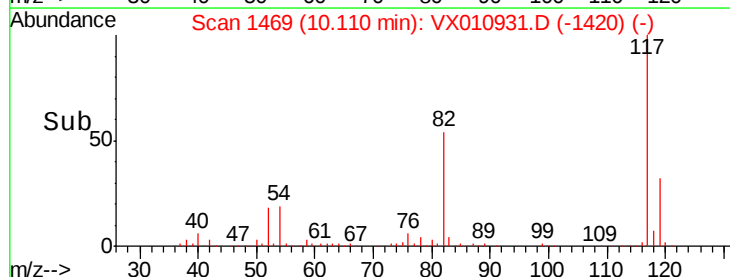
117 100

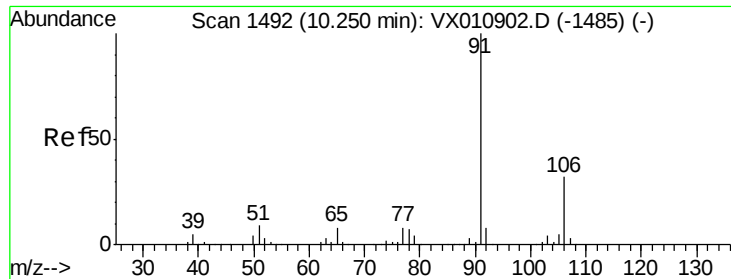
82 53.5 42.6 63.8

119 32.1 25.9 38.9



Abundance Ion 116.90 (116.60 to 117.60): VX010931.D (-1420) (-)

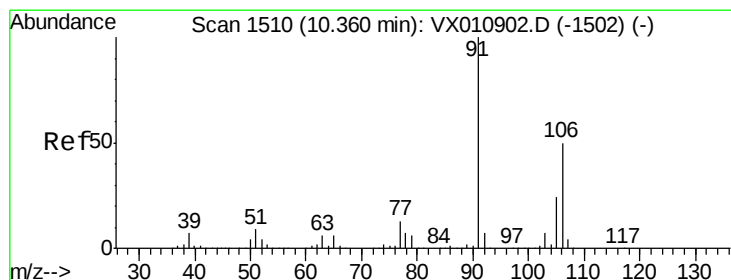
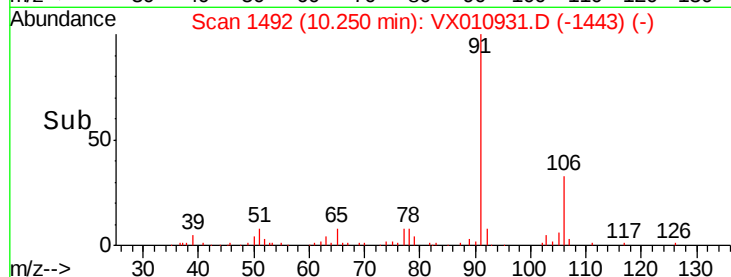
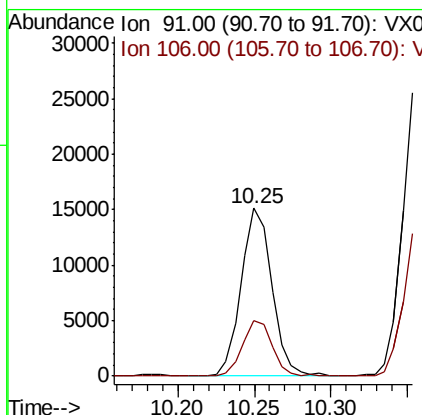
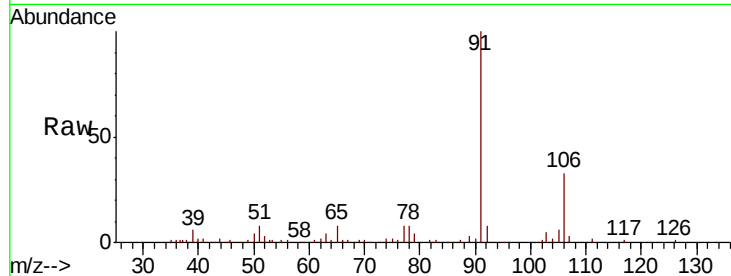




#67
Ethyl Benzene
Concen: 1.830 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX010931.D
Acq: 17 Jul 2019 13:23

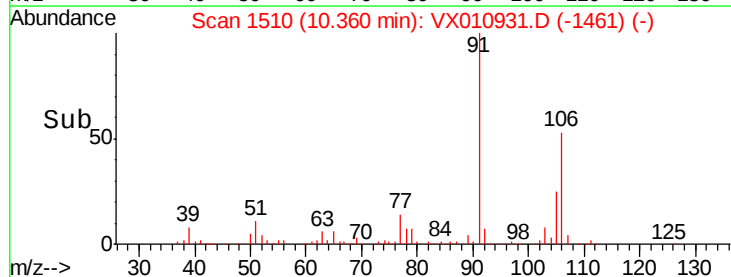
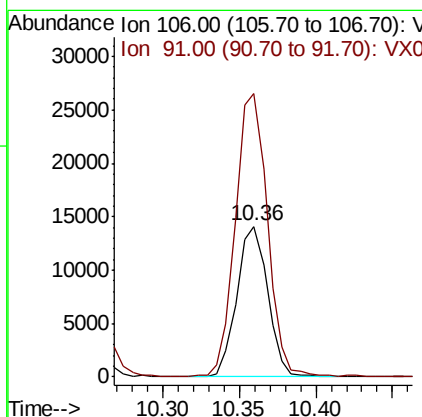
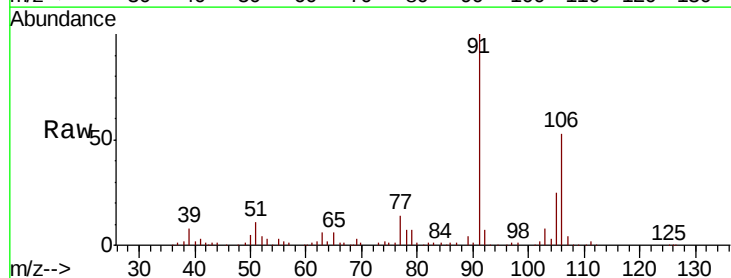
Instrument :
MSVOA_X
ClientSampleId :
FL-0610DL

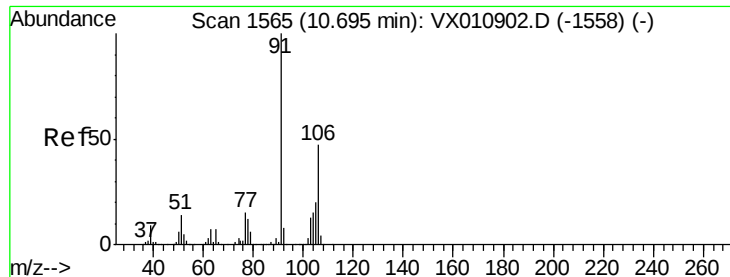
Tot Ion: 91 Resp: 21281
Ion Ratio Lower Upper
91 100
106 32.8 25.4 38.2



#68
m/p-Xylenes
Concen: 4.442 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX010931.D
Acq: 17 Jul 2019 13:23

Tgt Ion: 106 Resp: 19817
Ion Ratio Lower Upper
106 100
91 196.7 160.1 240.1

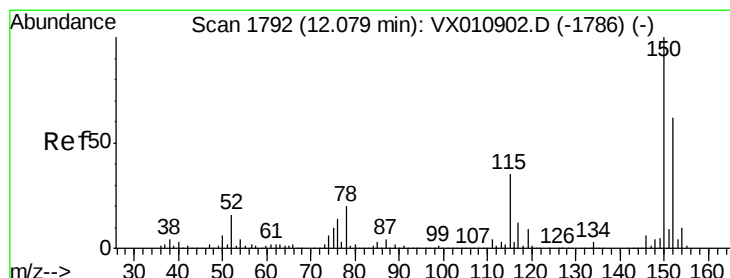
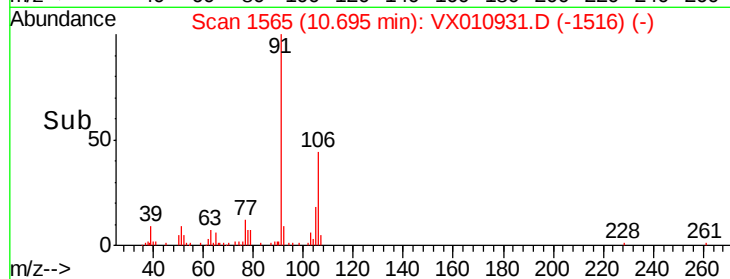
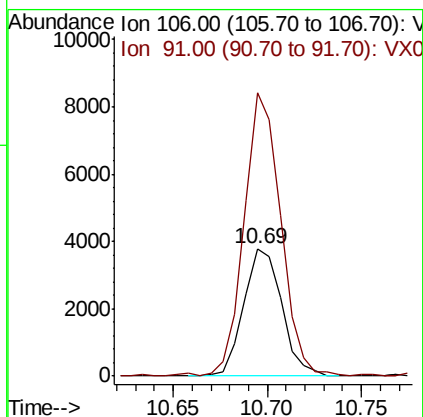
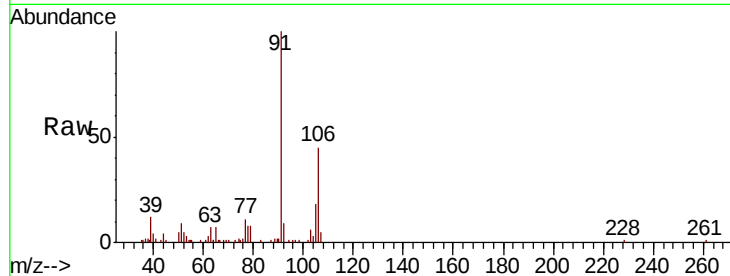




#69
o-Xylene
Concen: 1.214 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010931.D
Acq: 17 Jul 2019 13:23

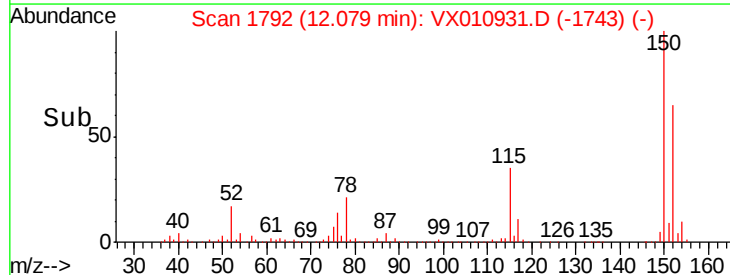
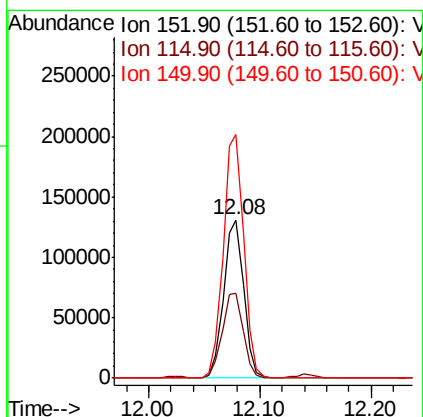
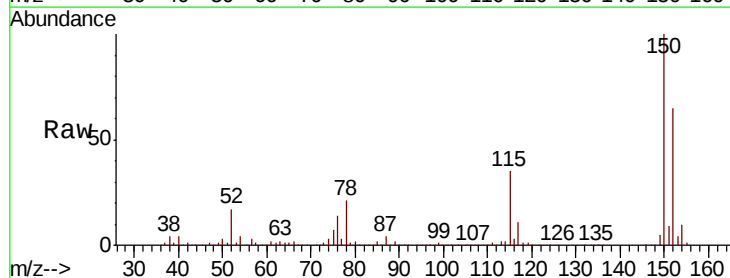
Instrument :
MSVOA_X
ClientSampleID :
FL-0610DL

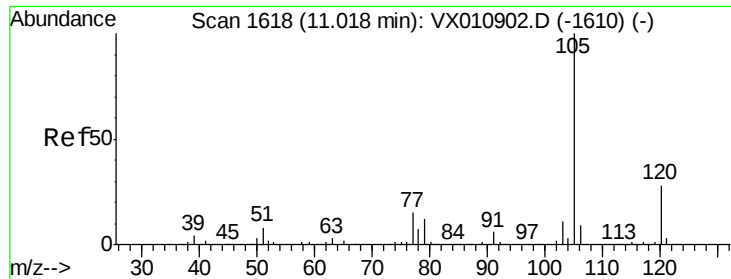
Tot Ion:106 Resp: 5285
Ion Ratio Lower Upper
106 100
91 215.4 105.1 315.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010931.D
Acq: 17 Jul 2019 13:23

Tgt Ion:152 Resp: 163119
Ion Ratio Lower Upper
152 100
115 56.4 39.7 119.1
150 157.0 0.0 345.6





#73

Isopropylbenzene

Concen: 4.451 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010931.D

Acq: 17 Jul 2019 13:23

Instrument :

MSVOA_X

ClientSampleID :

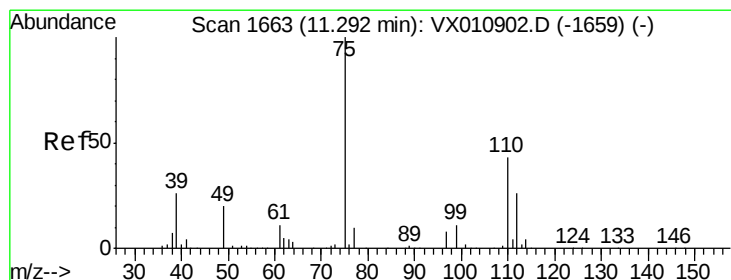
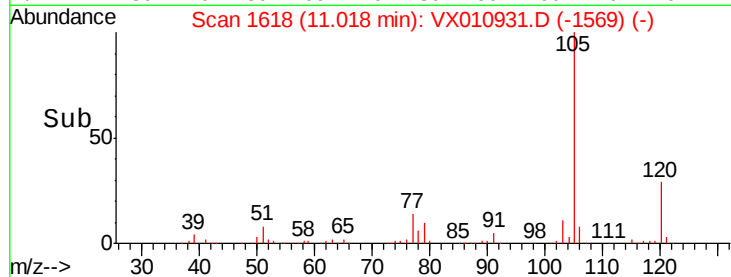
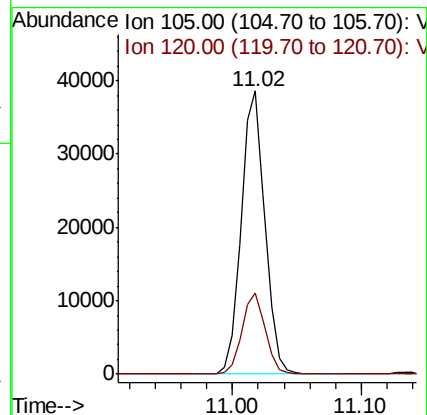
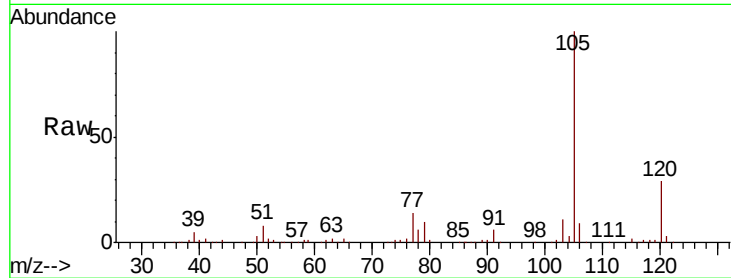
FL-0610DL

Tot Ion:105 Resp: 49057

Ion Ratio Lower Upper

105 100

120 28.1 13.7 41.1



#76

1,2,3-Trichloropropane

Concen: 1.127 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.14 min

Lab File: VX010931.D

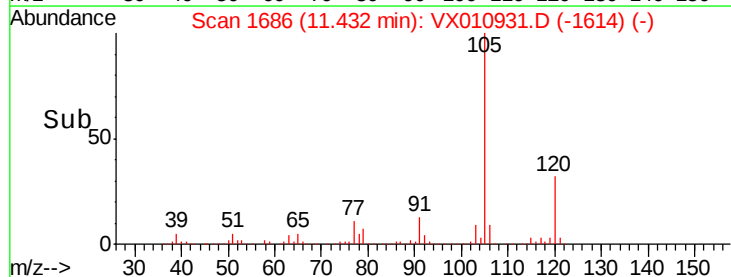
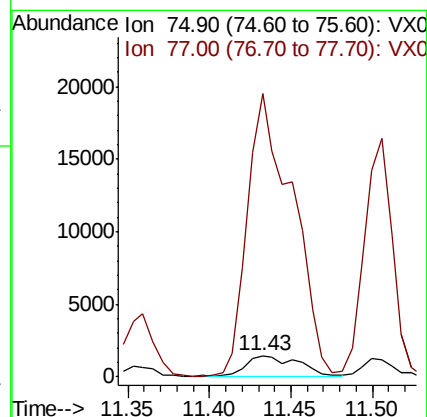
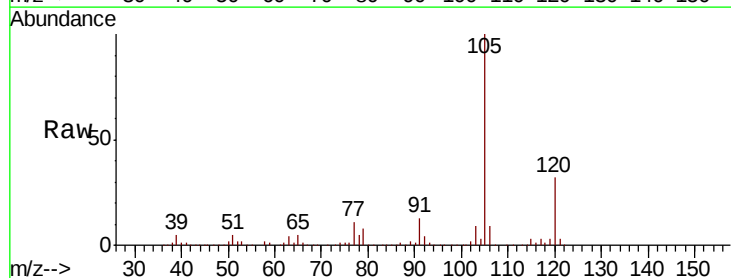
Acq: 17 Jul 2019 13:23

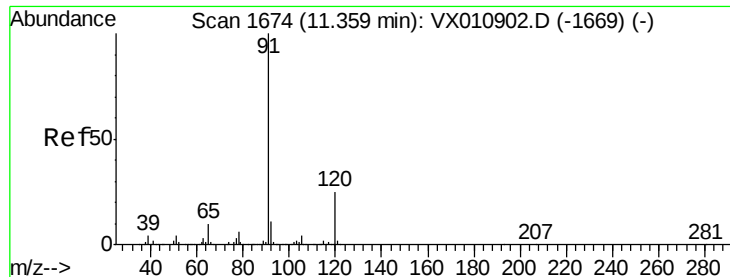
Tgt Ion: 75 Resp: 3318

Ion Ratio Lower Upper

75 100

77 1136.8 21.3 64.0#





#78

n-propylbenzene

Concen: 11.326 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010931.D

Acq: 17 Jul 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

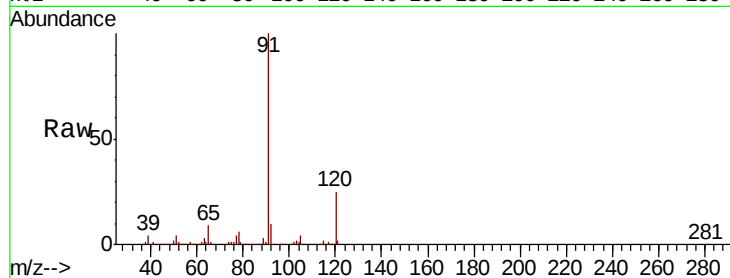
FL-0610DL

Tot Ion: 91 Resp: 137936

Ion Ratio Lower Upper

91 100

120 24.0 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

11.36

120000

100000

80000

60000

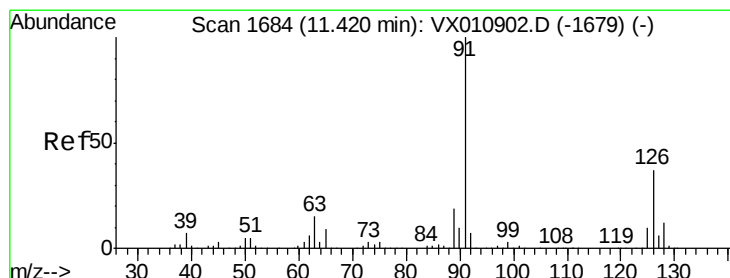
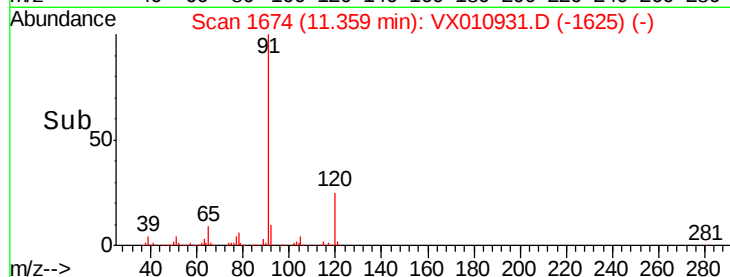
40000

20000

0

11.30 11.35 11.40

Time-->



#79

2-Chlorotoluene

Concen: 5.578 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX010931.D

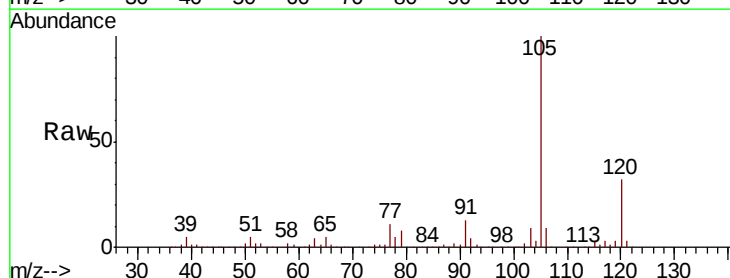
Acq: 17 Jul 2019 13:23

Tgt Ion: 91 Resp: 40811

Ion Ratio Lower Upper

91 100

126 0.1 18.0 54.0#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

80000

60000

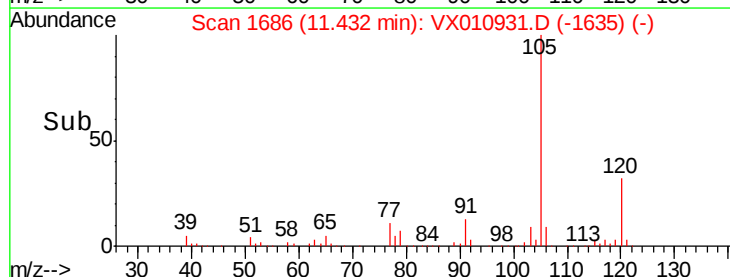
40000

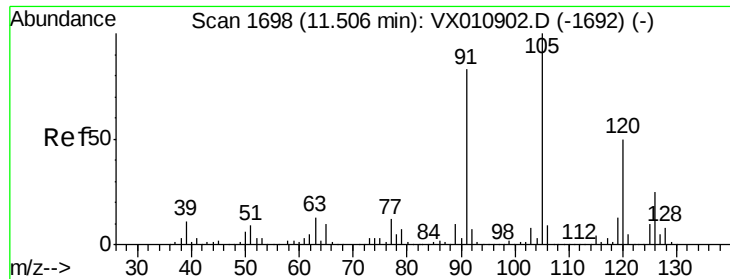
20000

0

11.40 11.43 11.45

Time-->





#80

1,3,5-Trimethylbenzene

Concen: 17.365 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010931.D

Acq: 17 Jul 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

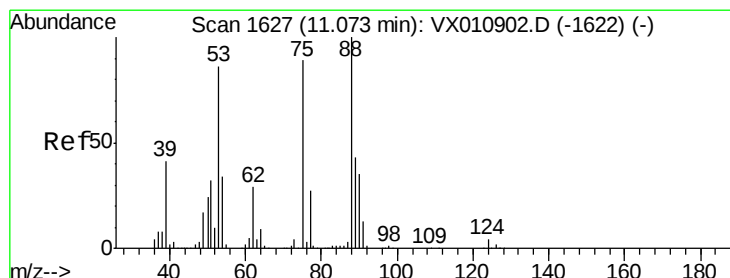
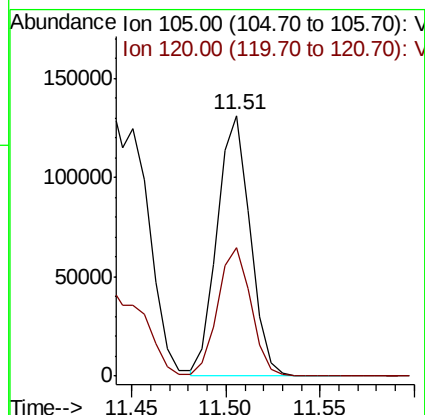
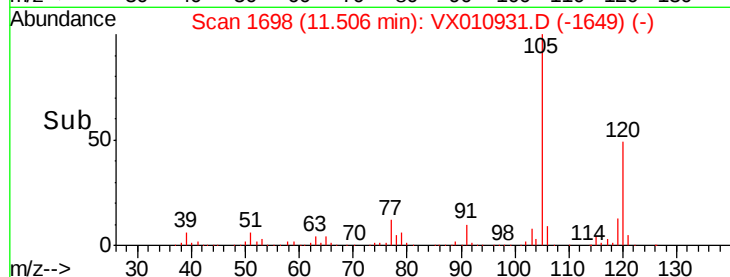
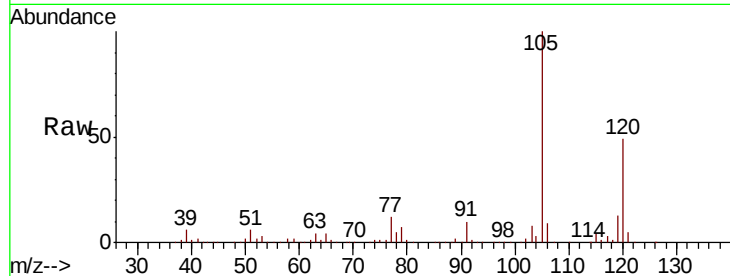
FL-0610DL

Tot Ion:105 Resp: 159927

Ion Ratio Lower Upper

105 100

120 49.6 24.6 73.8



#81

trans-1,4-Dichloro-2-butene

Concen: 65.245 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX010931.D

Acq: 17 Jul 2019 13:23

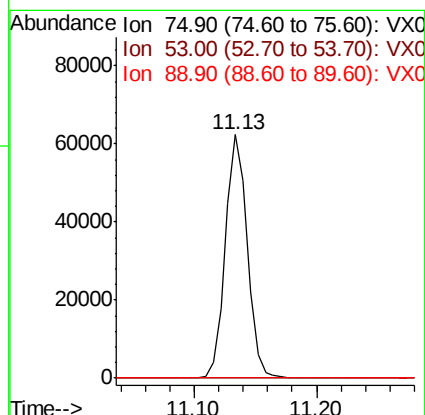
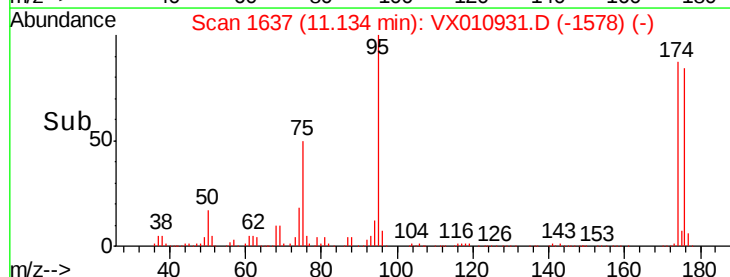
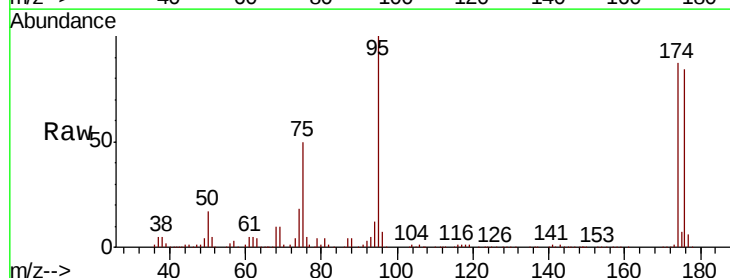
Tgt Ion: 75 Resp: 77336

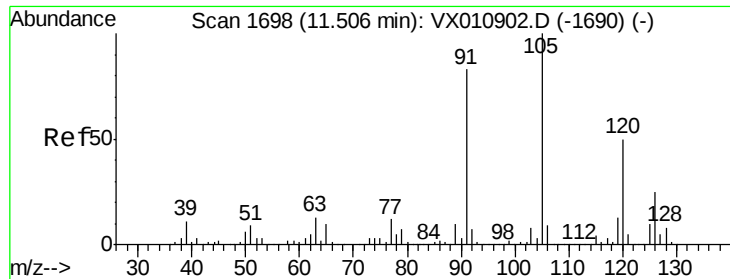
Ion Ratio Lower Upper

75 100

53 0.1 76.7 115.1#

89 0.0 38.5 57.7#





#82

4-Chlorotoluene

Concen: 1.998 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010931.D

Acq: 17 Jul 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

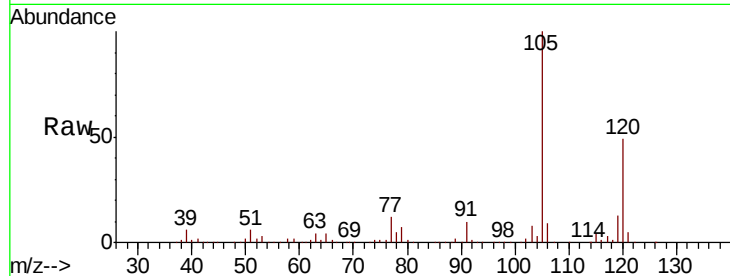
FL-0610DL

Tot Ion: 91 Resp: 17010

Ion Ratio Lower Upper

91 100

126 0.4 15.9 47.7#



Abundance Ion 91.00 (90.70 to 91.70): VX010902.D (-1690) (-)

Ion 125.90 (125.60 to 126.60): VX010902.D (-1690) (-)

20000

15000

10000

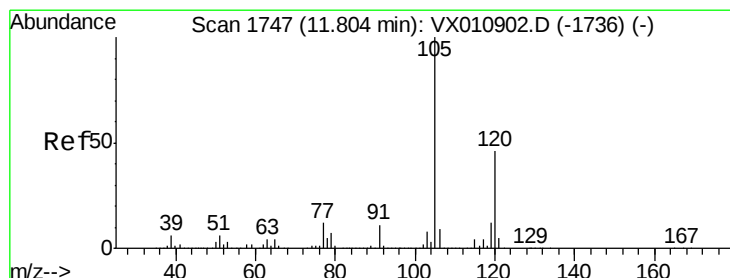
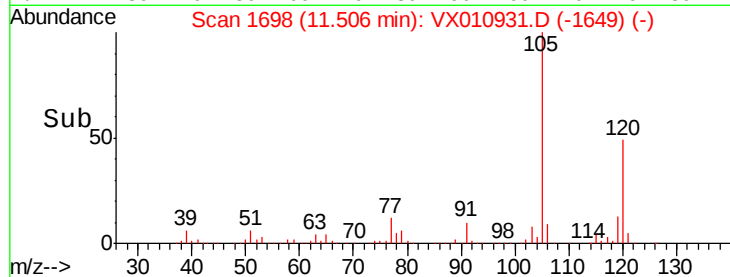
5000

0

Time-->

11.45 11.50 11.55

11.51



#84

1,2,4-Trimethylbenzene

Concen: 31.674 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX010931.D

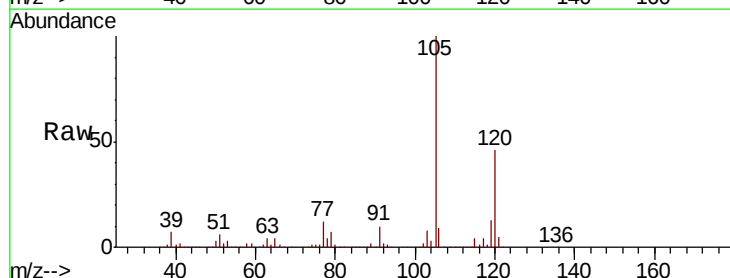
Acq: 17 Jul 2019 13:23

Tgt Ion:105 Resp: 294022

Ion Ratio Lower Upper

105 100

120 46.9 22.9 68.5



Abundance Ion 105.00 (104.70 to 105.70): VX010902.D (-1736) (-)

Ion 120.00 (119.70 to 120.70): VX010902.D (-1736) (-)

300000

250000

200000

150000

100000

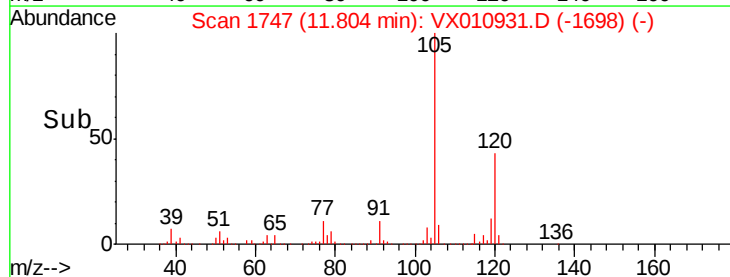
50000

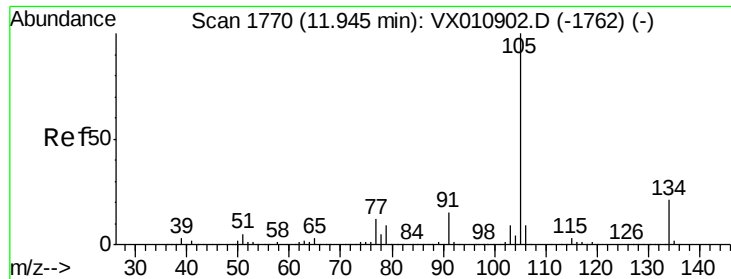
0

Time-->

11.70 11.80 11.90

11.80





#85

sec-Butylbenzene

Concen: 1.516 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010931.D

Acq: 17 Jul 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

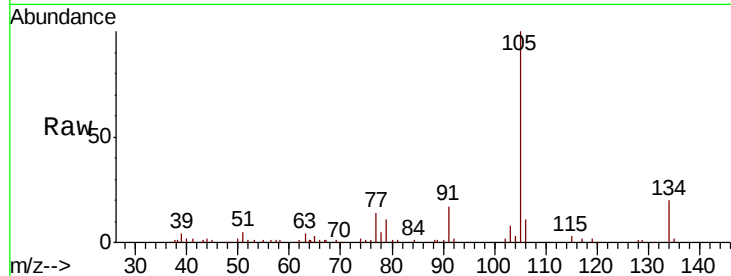
FL-0610DL

Tot Ion:105 Resp: 16067

Ion Ratio Lower Upper

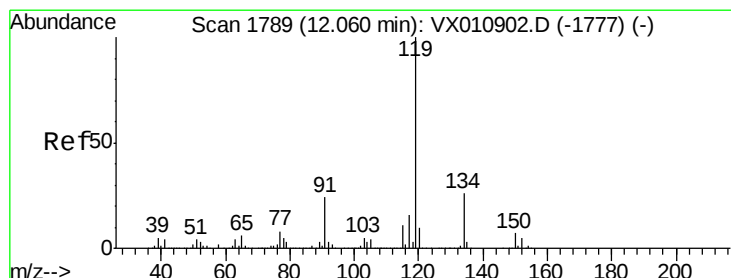
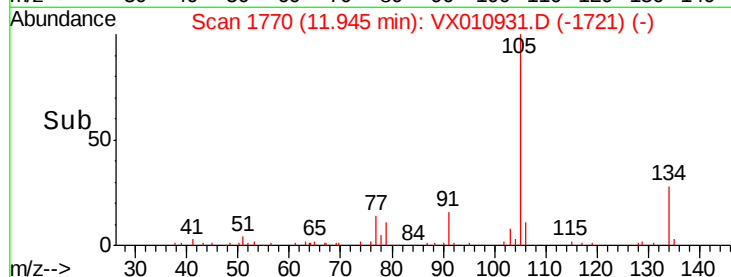
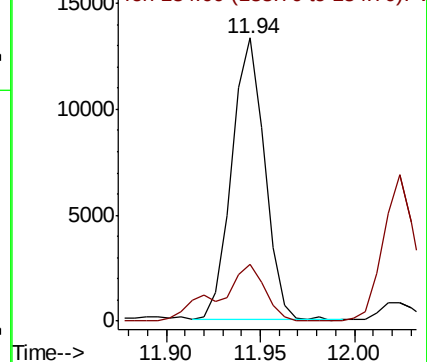
105 100

134 28.7 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: 1.675 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010931.D

Acq: 17 Jul 2019 13:23

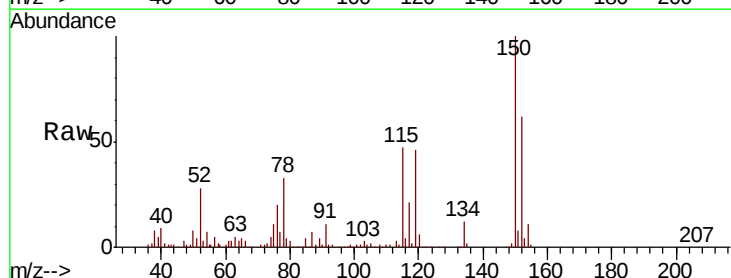
Tgt Ion:119 Resp: 16417

Ion Ratio Lower Upper

119 100

134 28.4 13.4 40.1

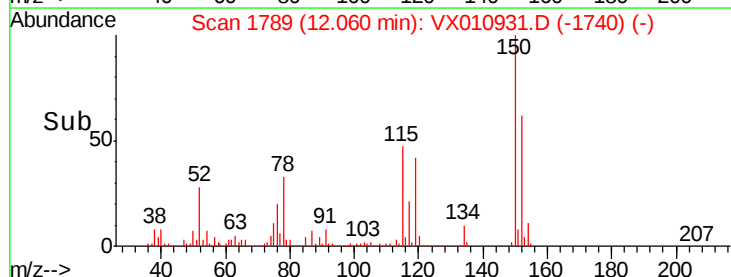
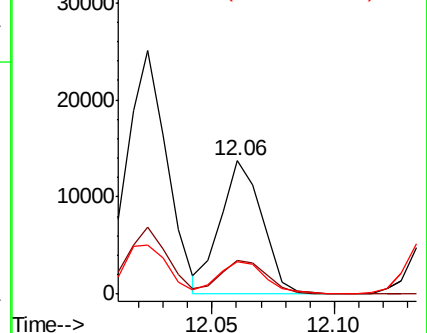
91 27.6 11.8 35.4

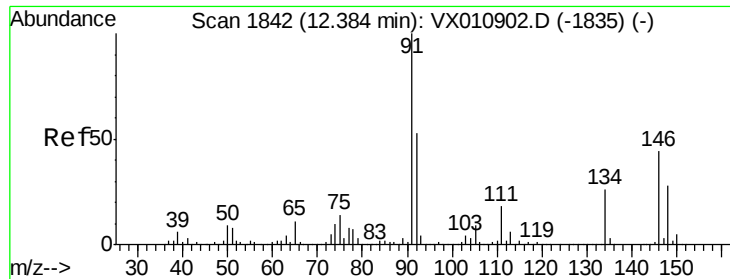


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

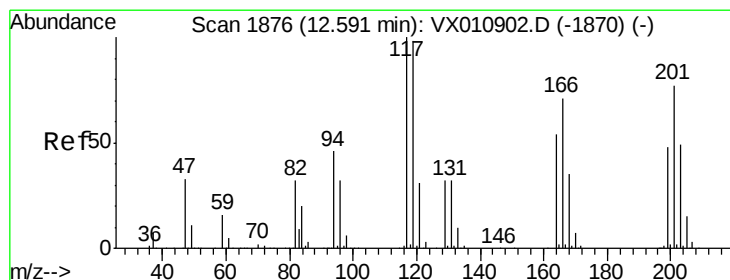
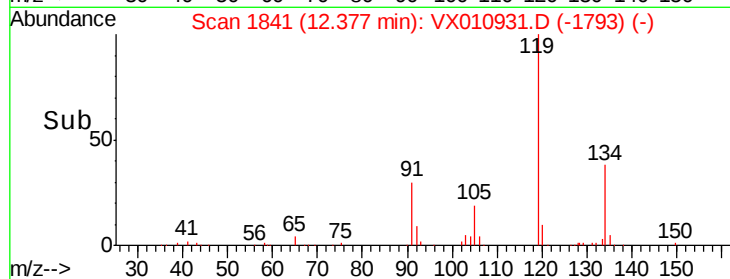
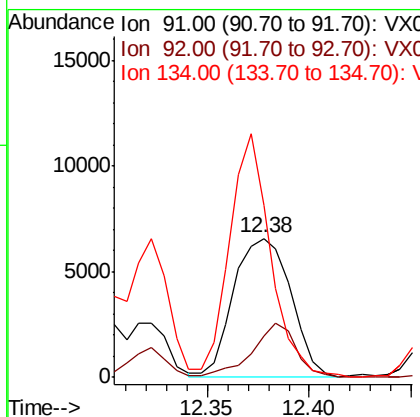
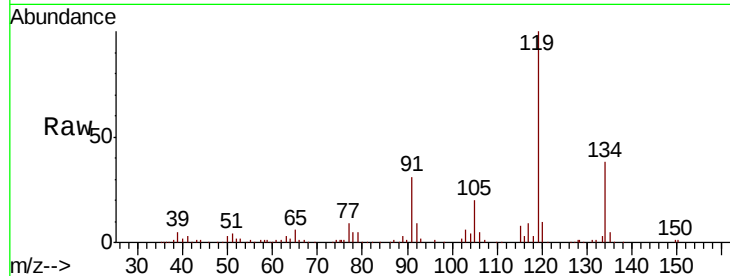




#89
n-Butylbenzene
Concen: 1.534 ug/l
RT: 12.38 min Scan# 1841
Delta R.T. -0.01 min
Lab File: VX010931.D
Acq: 17 Jul 2019 13:23

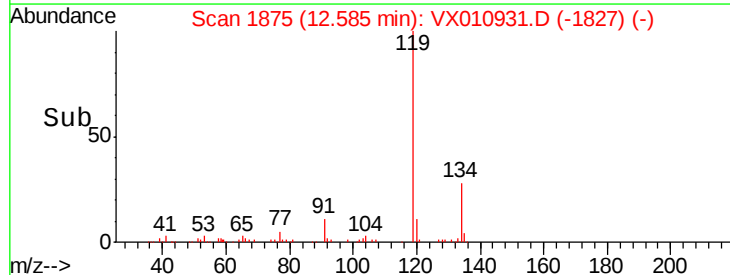
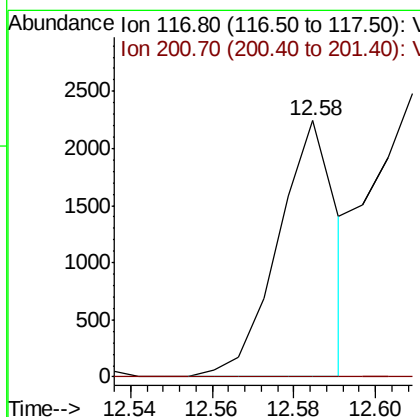
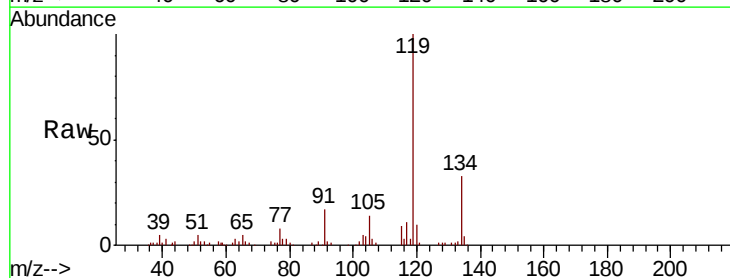
Instrument :
MSVOA_X
ClientSampled :
FL-0610DL

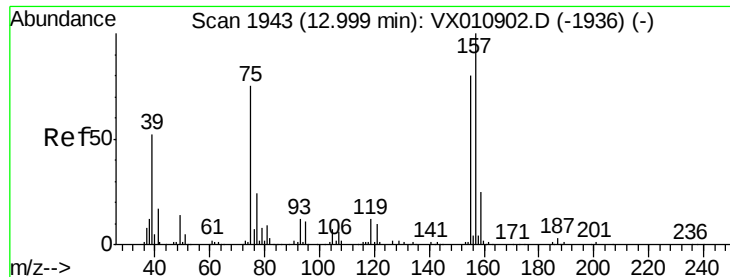
Tot Ion: 91 Resp: 12858
Ion Ratio Lower Upper
91 100
92 29.7 26.2 78.5
134 125.5 13.8 41.3#



#90
Hexachloroethane
Concen: 1.457 ug/l
RT: 12.58 min Scan# 1875
Delta R.T. -0.01 min
Lab File: VX010931.D
Acq: 17 Jul 2019 13:23

Tgt Ion: 117 Resp: 2252
Ion Ratio Lower Upper
117 100
201 0.0 43.3 129.8#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.383 ug/l

RT: 12.99 min Scan# 1942

Delta R.T. -0.01 min

Lab File: VX010931.D

Acq: 17 Jul 2019 13:23

Instrument :

MSVOA_X

ClientSampled :

FL-0610DL

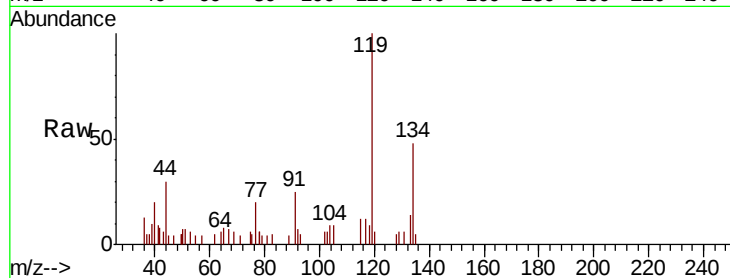
Tot Ion: 75 Resp: 289

Ion Ratio Lower Upper

75 100

155 0.0 48.7 146.1#

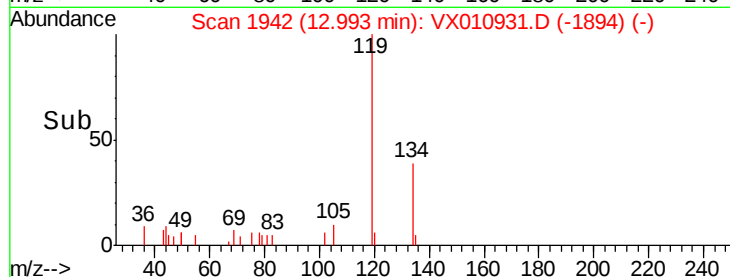
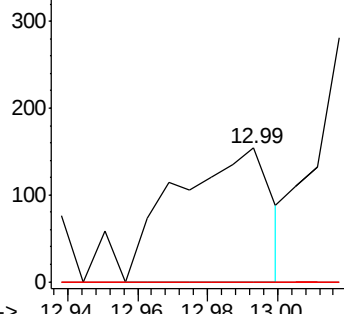
157 0.0 62.5 187.6#



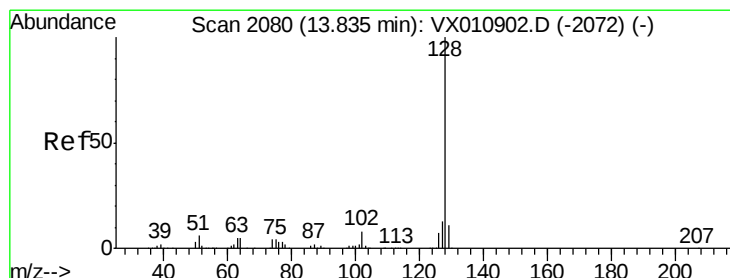
Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



Time-->



#95

Naphthalene

Concen: 2.069 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX010931.D

Acq: 17 Jul 2019 13:23

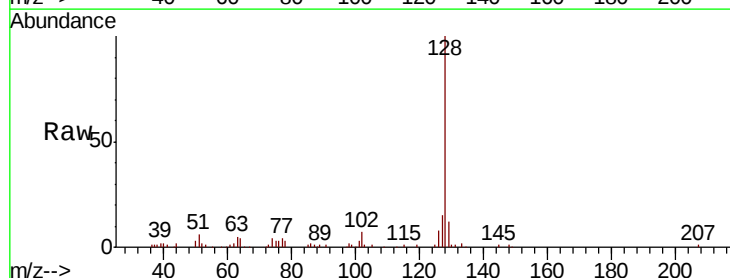
Tgt Ion: 128 Resp: 21648

Ion Ratio Lower Upper

128 100

127 13.5 10.4 15.6

129 12.4 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

