

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071219\
 Data File : VX010864.D
 Acq On : 13 Jul 2019 02:32
 Operator : JC/SP
 Sample : K3791-11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0602

Quant Time: Jul 15 08:46:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	250019	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	386228	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	359117	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	185183	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	130143	55.52	ug/l	0.00
Spiked Amount			Recovery	=	111.04%	
35) Dibromofluoromethane	5.50	113	117794	49.85	ug/l	0.00
Spiked Amount			Recovery	=	99.70%	
50) Toluene-d8	8.71	98	465922	51.54	ug/l	0.00
Spiked Amount			Recovery	=	103.08%	
62) 4-Bromofluorobenzene	11.13	95	169450	51.92	ug/l	0.00
Spiked Amount			Recovery	=	103.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	1009	0.499	ug/l #	85
5) Bromomethane	1.65	94	405	0.375	ug/l	98
6) Chloroethane	1.91	64	521	0.398	ug/l #	41
11) Tert butyl alcohol	3.04	59	2935	4.785	ug/l #	74
13) Acrolein	2.40	56	18634	45.794	ug/l #	78
14) Allyl chloride	2.85	41	63972	20.793	ug/l #	64
15) Acrylonitrile	3.18	53	17443	14.363	ug/l #	42
16) Acetone	2.40	43	49091	41.786	ug/l #	48
18) Methyl Acetate	2.84	43	180298	77.001	ug/l #	48
20) Methylene Chloride	2.88	84	933	0.386	ug/l #	1
25) 2-Butanone	4.56	43	15725	9.125	ug/l #	46
29) Tetrahydrofuran	5.16	42	278	0.260	ug/l #	44
30) Chloroform	5.27	83	1921	0.480	ug/l #	1
31) Cyclohexane	5.58	56	319706	94.419	ug/l	96
36) 1,1-Dichloropropene	5.67	75	16592	5.406	ug/l #	48
38) Carbon Tetrachloride	5.66	117	22716	6.835	ug/l #	15
39) Methylcyclohexane	7.46	83	474814	117.693	ug/l	96
41) Methacrylonitrile	5.04	41	480	0.277	ug/l #	33
43) Isopropyl Acetate	6.46	43	6717	1.286	ug/l #	59
45) 1,2-Dichloropropane	7.46	63	4721	1.955	ug/l #	1
47) Bromodichloromethane	7.85	83	1374	0.433	ug/l #	1
48) Methyl methacrylate	7.73	41	21433	8.827	ug/l #	52
49) 1,4-Dioxane	7.70	88	19	0.272	ug/l #	28
51) 4-Methyl-2-Pentanone	8.67	43	9503	2.844	ug/l #	45
55) 1,1,2-Trichloroethane	9.16	97	28465	10.961	ug/l #	19
56) Ethyl methacrylate	9.16	69	5772	1.467	ug/l #	1
67) Ethyl Benzene	10.25	91	117519	9.548	ug/l	98
68) m/p-Xylenes	10.36	106	192526	40.369	ug/l	95
69) o-Xylene	10.69	106	37868	8.074	ug/l	96
70) Styrene	10.69	104	1946	0.247	ug/l #	1
73) Isopropylbenzene	11.02	105	403667	32.157	ug/l	99
74) N-amyl acetate	10.91	43	1384	0.292	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.27	83	1776	0.427	ug/l #	44
76) 1,2,3-Trichloropropane	11.36	75	4141	1.227	ug/l #	1

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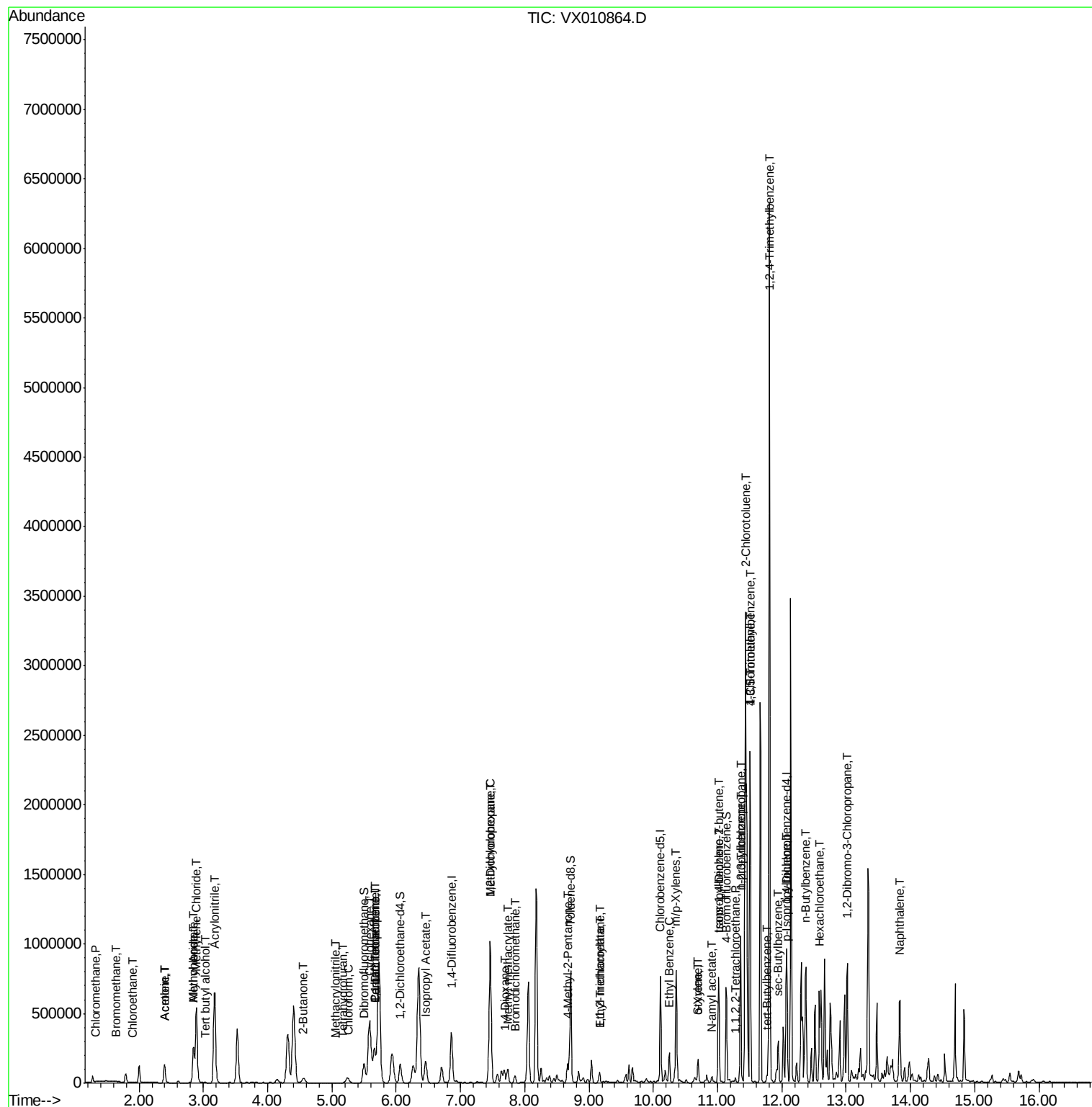
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
78) n-propylbenzene	11.36	91	642008	46.534	ug/l	98
79) 2-Chlorotoluene	11.43	91	308651	37.570	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.51	105	976171	94.329	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.01	75	4640	3.208	ug/l #	53
82) 4-Chlorotoluene	11.51	91	105987	11.338	ug/l #	42
83) tert-Butylbenzene	11.77	119	20012	1.927	ug/l	87
84) 1,2,4-Trimethylbenzene	11.80	105	2778077	267.198	ug/l	100
85) sec-Butylbenzene	11.94	105	152960	12.542	ug/l	86
86) p-Isopropyltoluene	12.06	119	121246	10.748	ug/l	98
89) n-Butylbenzene	12.38	91	115556	12.055	ug/l #	20
90) Hexachloroethane	12.58	117	27277	13.984	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	13.02	75	2631	2.935	ug/l #	1
95) Naphthalene	13.83	128	373961	28.856	ug/l	99

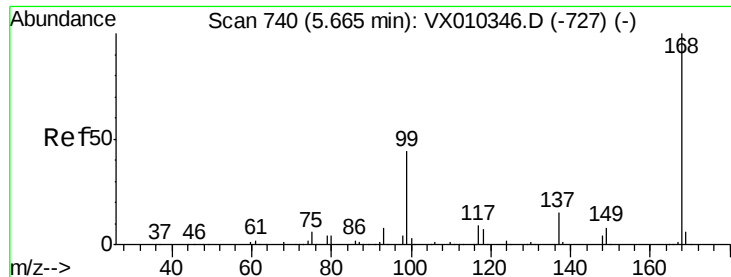
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010864.D

Acq: 13 Jul 2019 02:32

Instrument :

MSVOA_X

ClientSampleId :

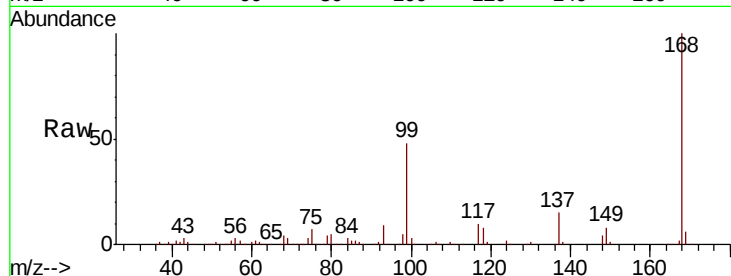
FL-0602

Tot Ion:168 Resp: 250019

Ion Ratio Lower Upper

168 100

99 47.8 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

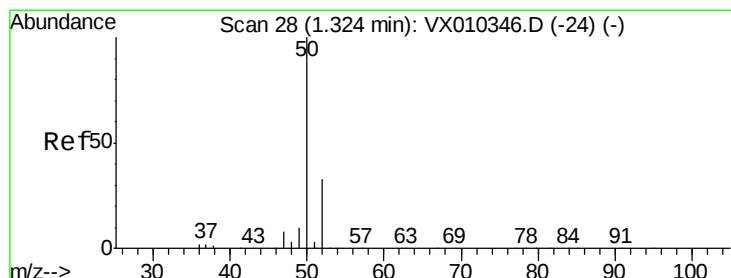
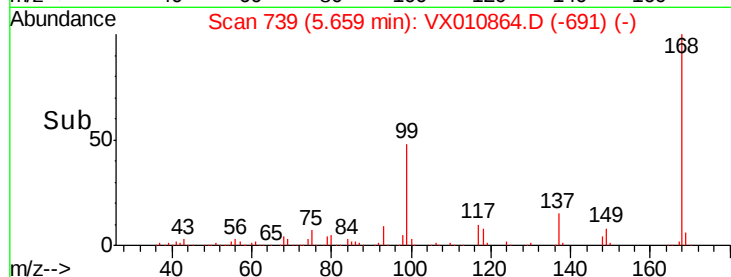
40000

20000

0

5.60 5.70 5.80

Time-->



#3

Chloromethane

Concen: 0.499 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010864.D

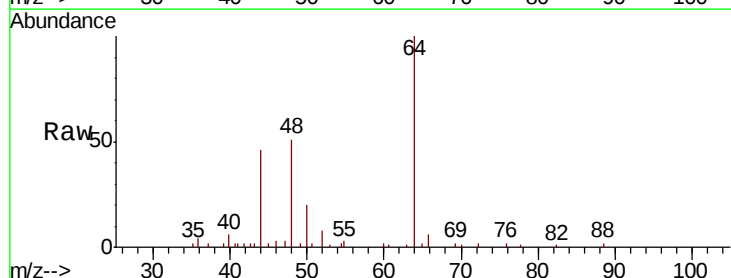
Acq: 13 Jul 2019 02:32

Tgt Ion: 50 Resp: 1009

Ion Ratio Lower Upper

50 100

52 41.8 26.5 39.7#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33

1000

800

600

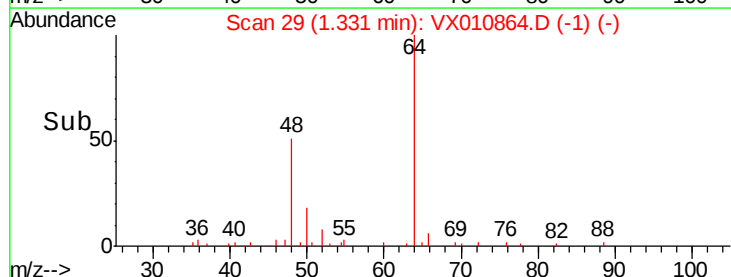
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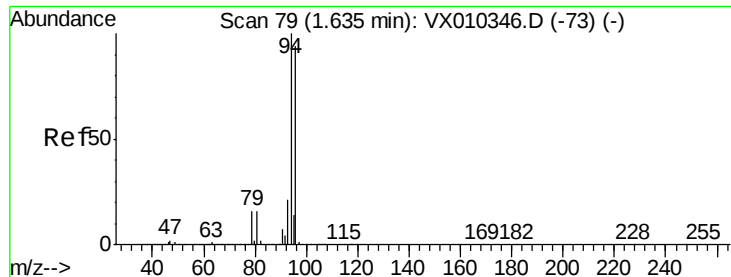
200

0

1.30 1.35

Time-->





#5

Bromomethane

Concen: 0.375 ug/l

RT: 1.65 min Scan# 82

Delta R.T. 0.02 min

Lab File: VX010864.D

Acq: 13 Jul 2019 02:32

Instrument :

MSVOA_X

ClientSampleId :

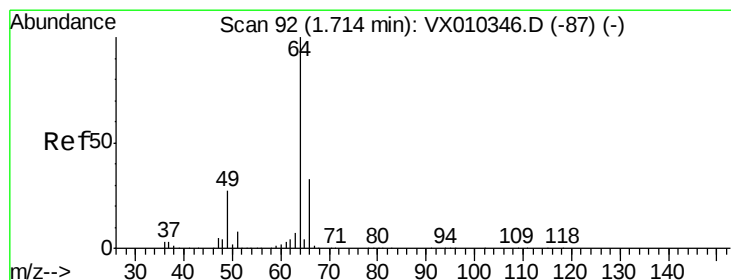
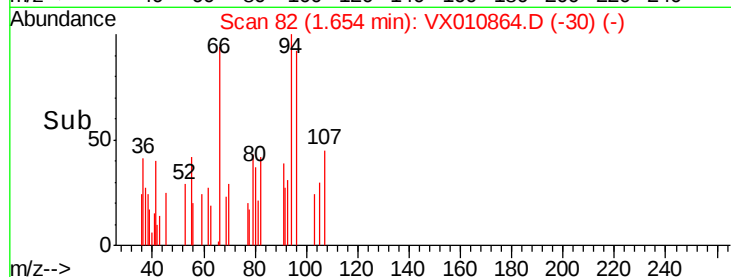
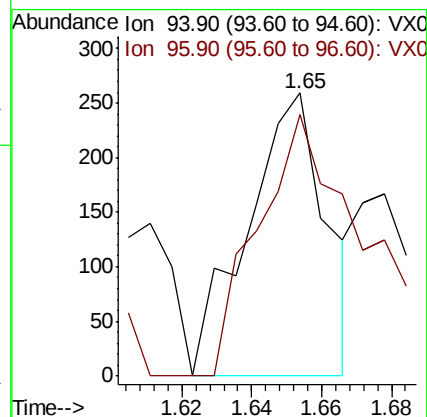
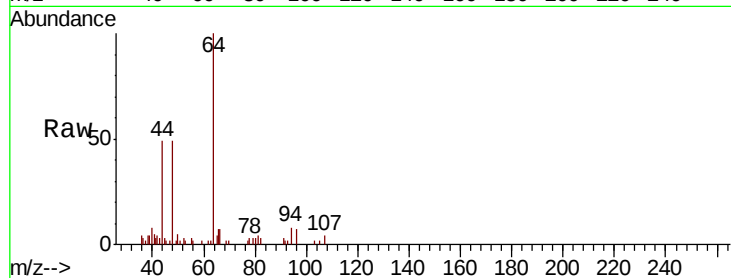
FL-0602

Tot Ion: 94 Resp: 405

Ion Ratio Lower Upper

94 100

96 92.3 75.5 113.3



#6

Chloroethane

Concen: 0.398 ug/l

RT: 1.91 min Scan# 124

Delta R.T. 0.20 min

Lab File: VX010864.D

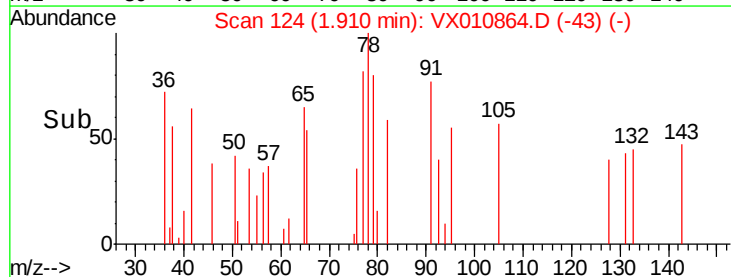
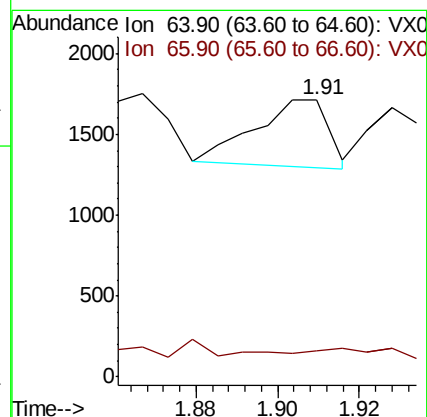
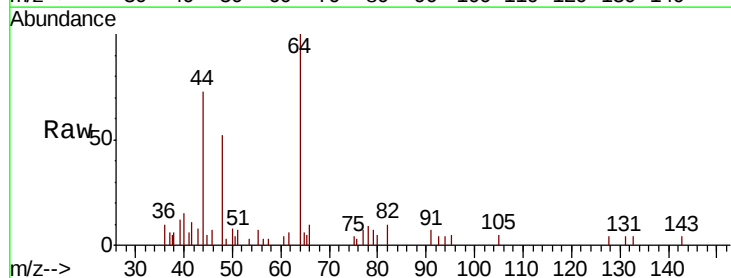
Acq: 13 Jul 2019 02:32

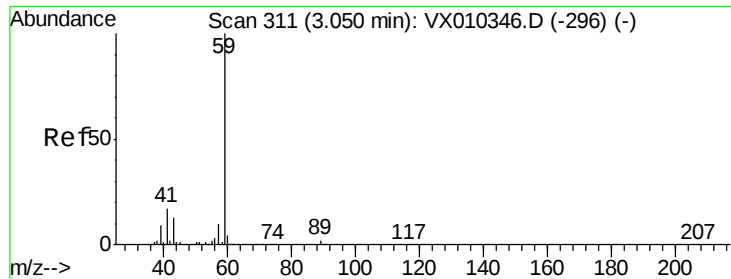
Tgt Ion: 64 Resp: 521

Ion Ratio Lower Upper

64 100

66 0.0 26.6 40.0#

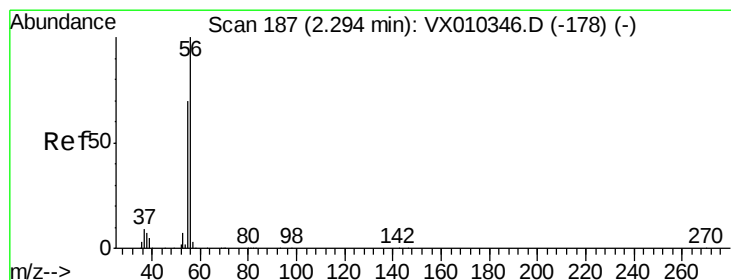
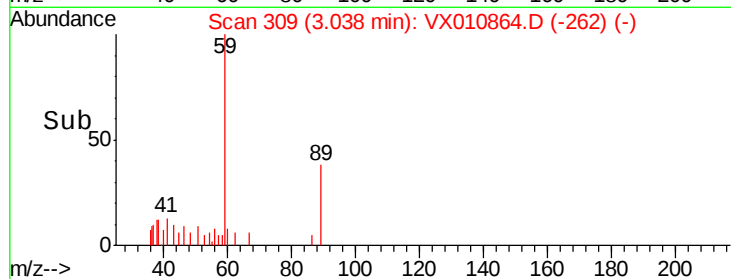
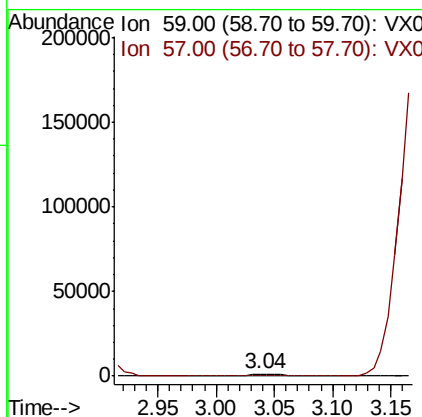
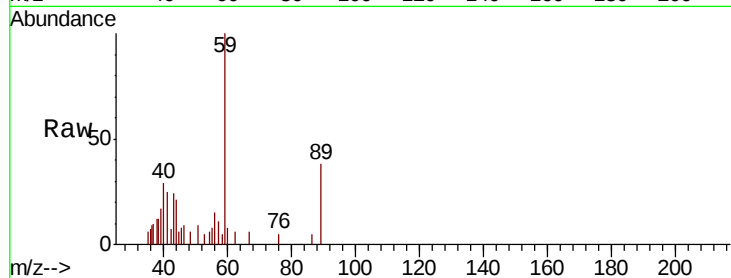




#11
Tert butyl alcohol
Concen: 4.785 ug/l
RT: 3.04 min Scan# 309
Delta R.T. -0.01 min
Lab File: VX010864.D
Acq: 13 Jul 2019 02:32

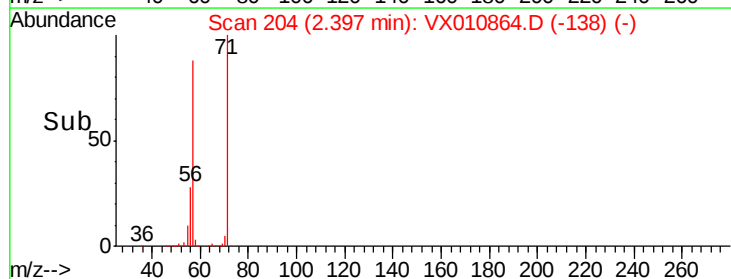
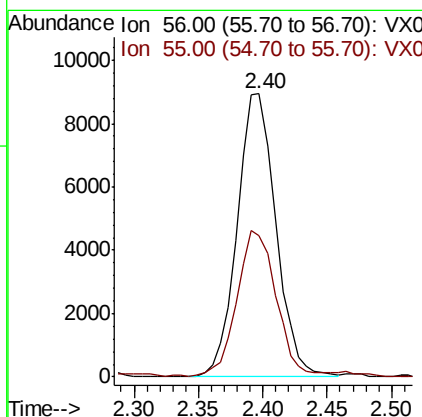
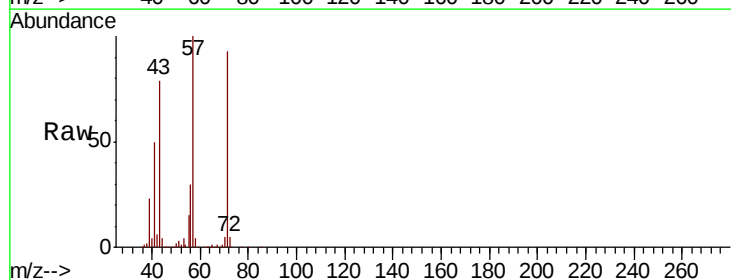
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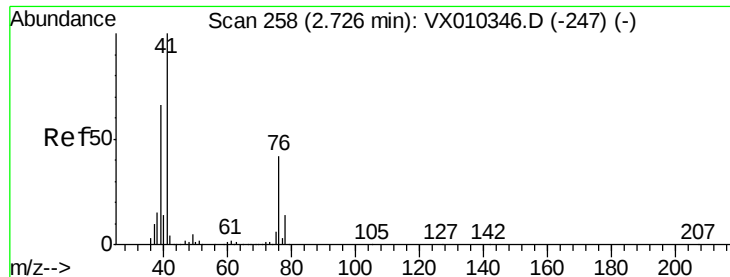
Tot Ion: 59 Resp: 2935
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#



#13
Acrolein
Concen: 45.794 ug/l
RT: 2.40 min Scan# 204
Delta R.T. 0.10 min
Lab File: VX010864.D
Acq: 13 Jul 2019 02:32

Tgt Ion: 56 Resp: 18634
Ion Ratio Lower Upper
56 100
55 52.8 56.9 85.3#

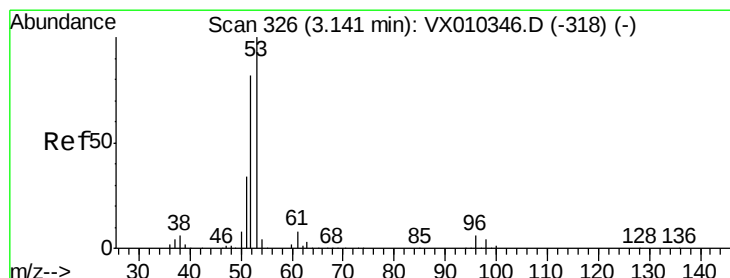
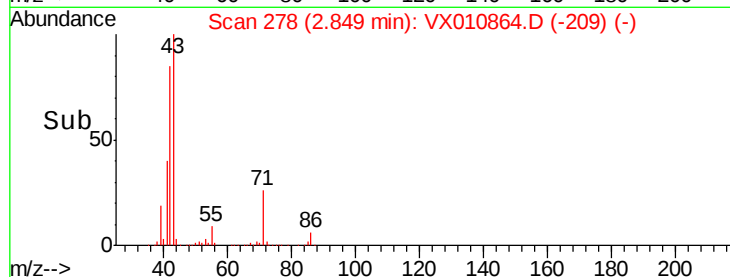
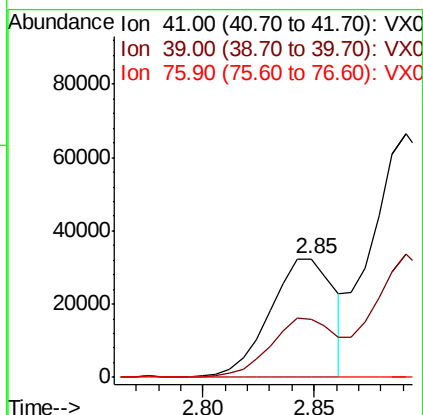
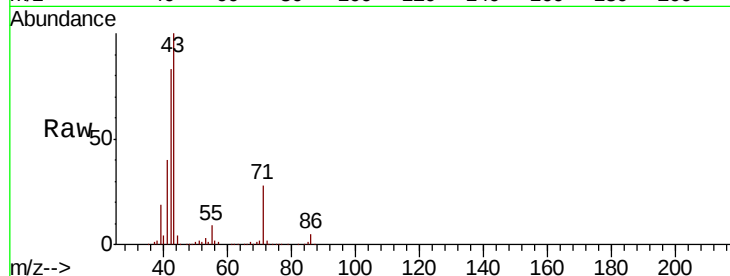




#14
Allvl chloride
Concen: 20.793 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.12 min
Lab File: VX010864.D
Acq: 13 Jul 2019 02:32

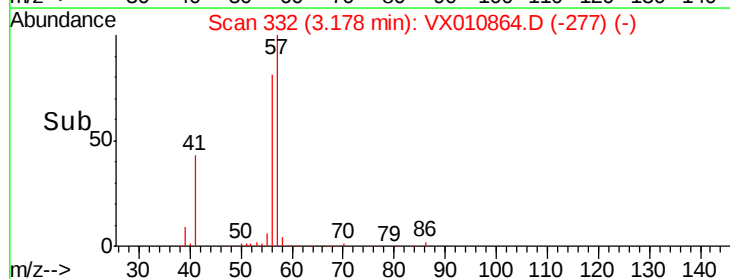
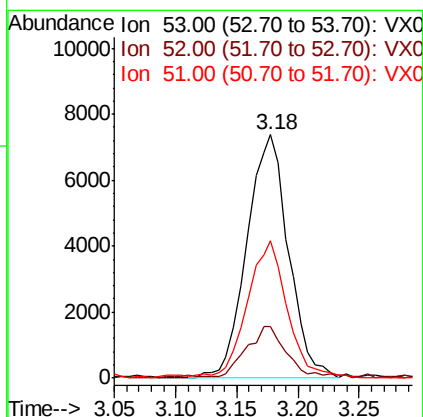
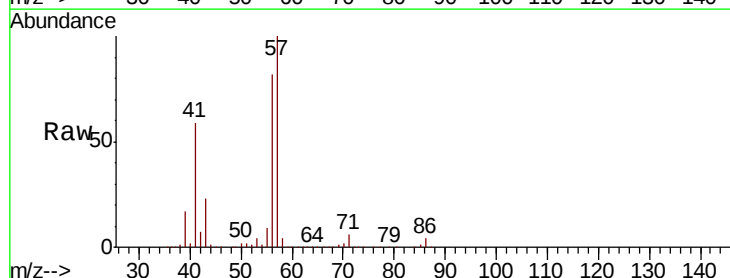
Instrument :
MSVOA_X
ClientSampled :
FL-0602

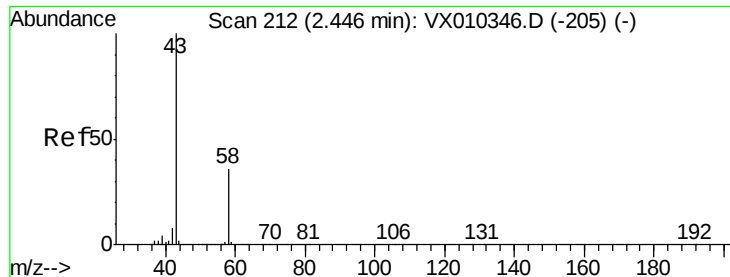
Tot Ion: 41 Resp: 63972
Ion Ratio Lower Upper
41 100
39 48.7 50.3 75.5#
76 0.0 31.3 46.9#



#15
Acrylonitrile
Concen: 14.363 ug/l
RT: 3.18 min Scan# 332
Delta R.T. 0.04 min
Lab File: VX010864.D
Acq: 13 Jul 2019 02:32

Tgt Ion: 53 Resp: 17443
Ion Ratio Lower Upper
53 100
52 20.9 65.5 98.3#
51 54.5 28.2 42.4#





#16

Acetone

Concen: 41.786 ug/l

RT: 2.40 min Scan# 204

Delta R.T. -0.05 min

Lab File: VX010864.D

Acq: 13 Jul 2019 02:32

Instrument :

MSVOA_X

ClientSampled :

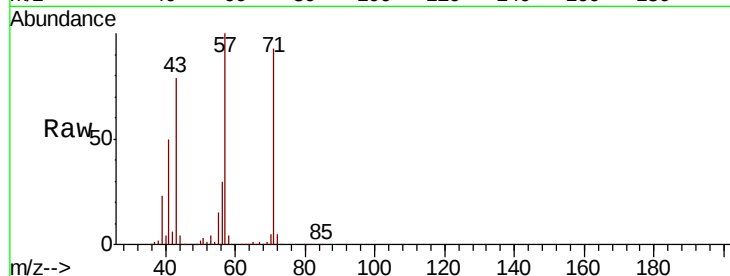
FL-0602

Tot Ion: 43 Resp: 49091

Ion Ratio Lower Upper

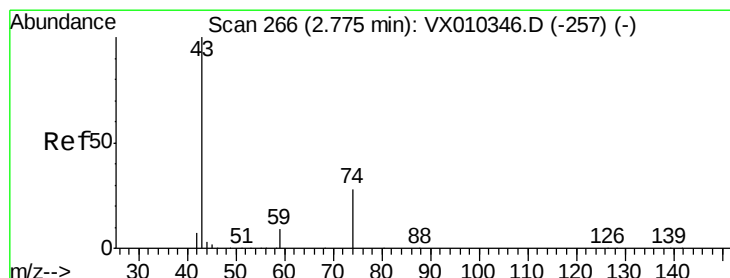
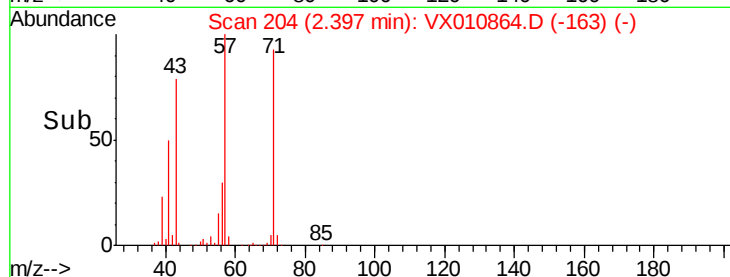
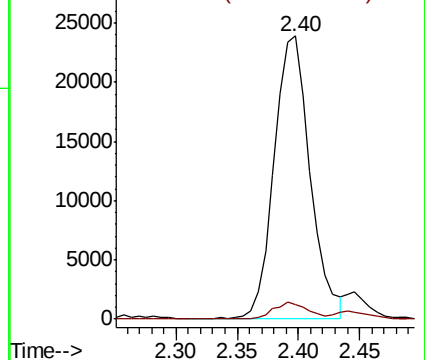
43 100

58 5.2 28.9 43.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#18

Methyl Acetate

Concen: 77.001 ug/l

RT: 2.84 min Scan# 277

Delta R.T. 0.07 min

Lab File: VX010864.D

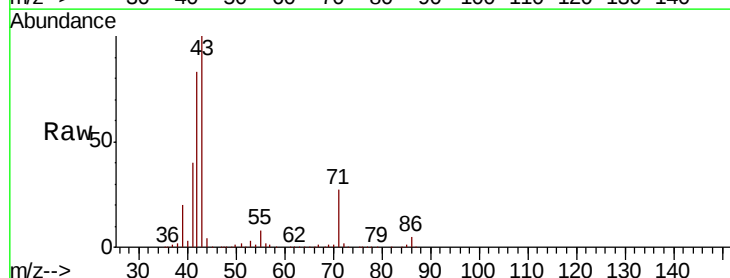
Acq: 13 Jul 2019 02:32

Tgt Ion: 43 Resp: 180298

Ion Ratio Lower Upper

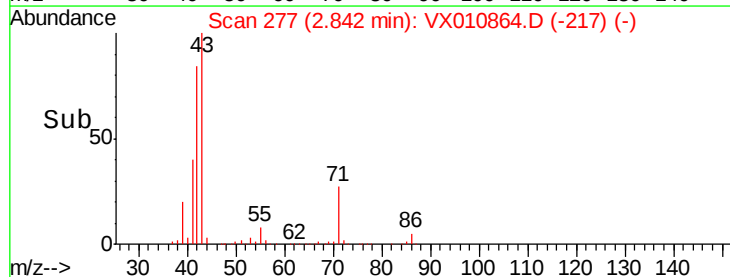
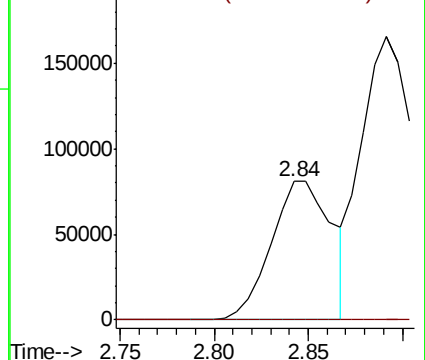
43 100

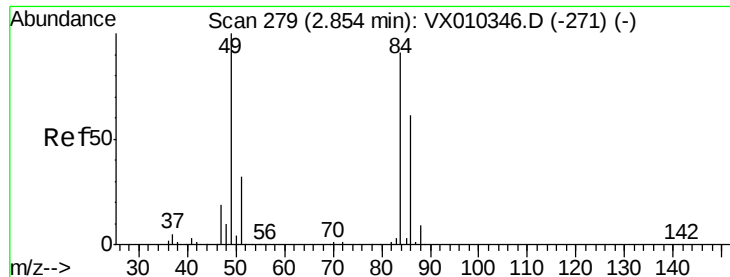
74 0.0 21.3 31.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

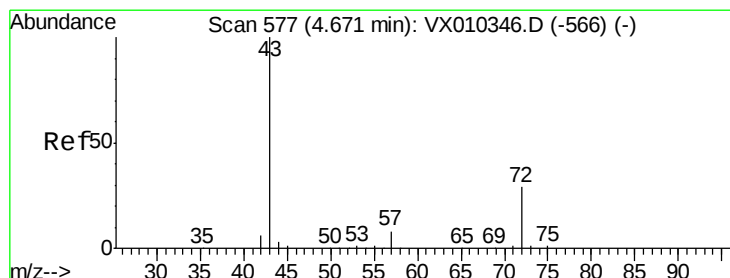
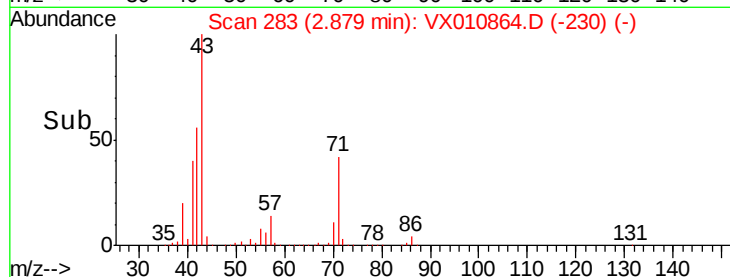
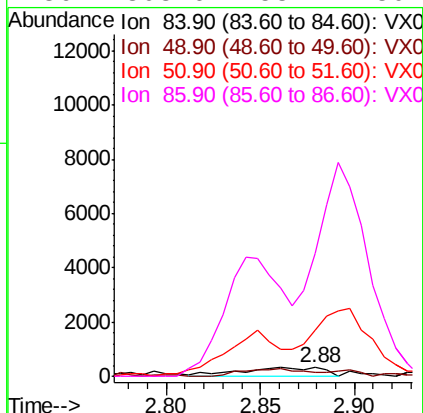
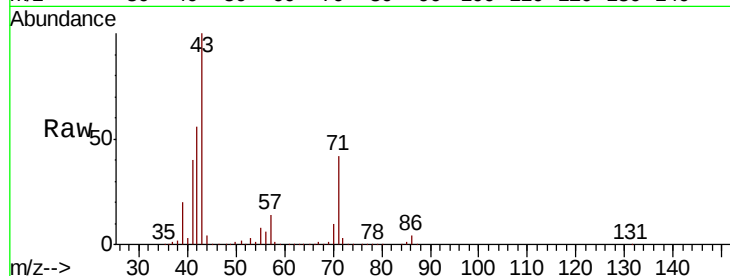




#20
Methvlene Chloride
Concen: 0.386 ug/l
RT: 2.88 min Scan# 283
Delta R.T. 0.02 min
Lab File: VX010864.D
Acq: 13 Jul 2019 02:32

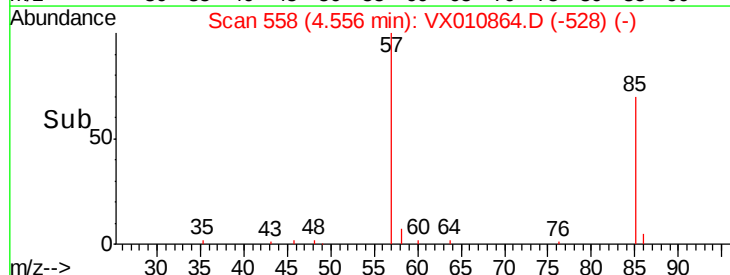
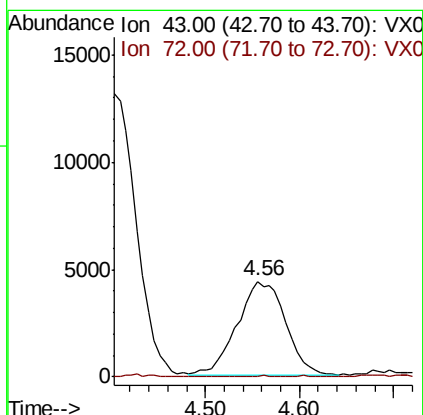
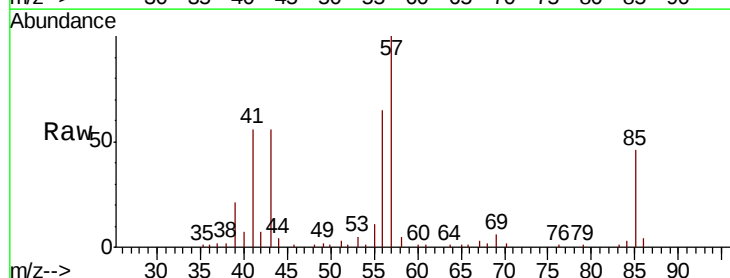
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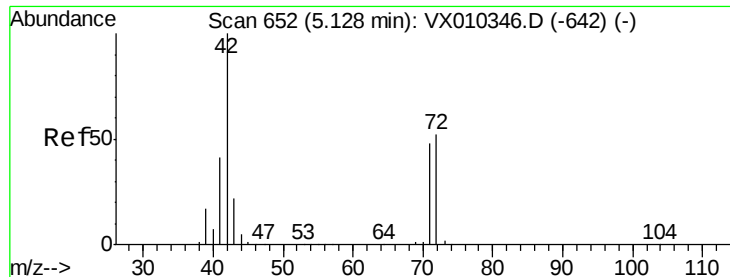
Tot Ion: 84 Resp: 933
Ion Ratio Lower Upper
84 100
49 46.0 87.5 131.3#
51 459.0 27.7 41.5#
86 1308.6 53.4 80.0#



#25
2-Butanone
Concen: 9.125 ug/l
RT: 4.56 min Scan# 558
Delta R.T. -0.12 min
Lab File: VX010864.D
Acq: 13 Jul 2019 02:32

Tgt Ion: 43 Resp: 15725
Ion Ratio Lower Upper
43 100
72 0.0 23.3 34.9#





#29

Tetrahydrofuran

Concen: 0.260 ug/l

RT: 5.16 min Scan# 657

Delta R.T. 0.03 min

Lab File: VX010864.D

Acq: 13 Jul 2019 02:32

Instrument :

MSVOA_X

ClientSampleId :

FL-0602

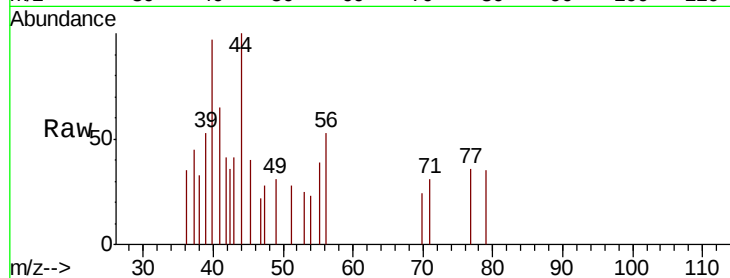
Tot Ion: 42 Resp: 278

Ion Ratio Lower Upper

42 100

72 20.9 40.6 60.8#

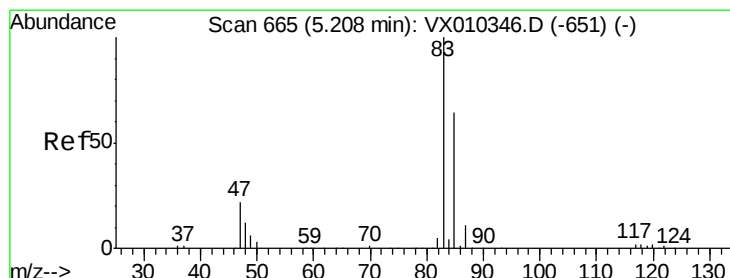
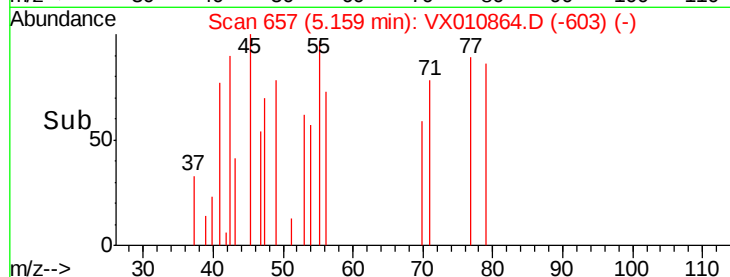
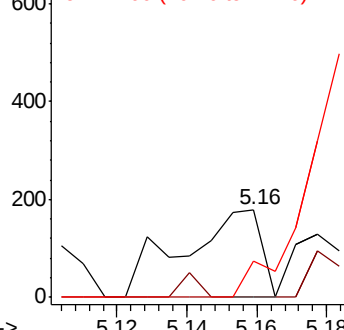
71 0.0 37.8 56.8#



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 0.480 ug/l

RT: 5.27 min Scan# 675

Delta R.T. 0.06 min

Lab File: VX010864.D

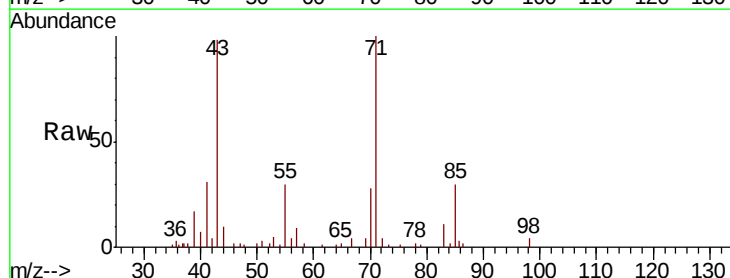
Acq: 13 Jul 2019 02:32

Tgt Ion: 83 Resp: 1921

Ion Ratio Lower Upper

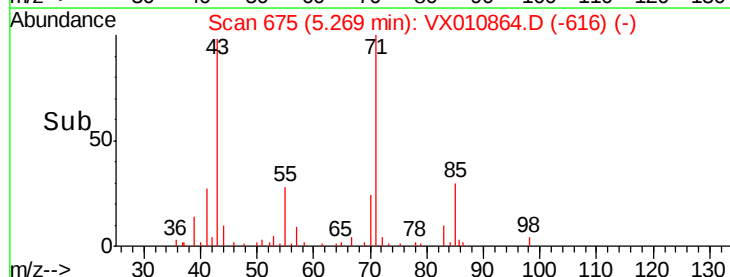
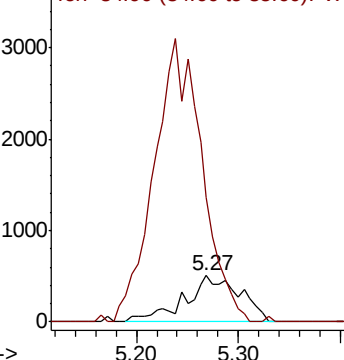
83 100

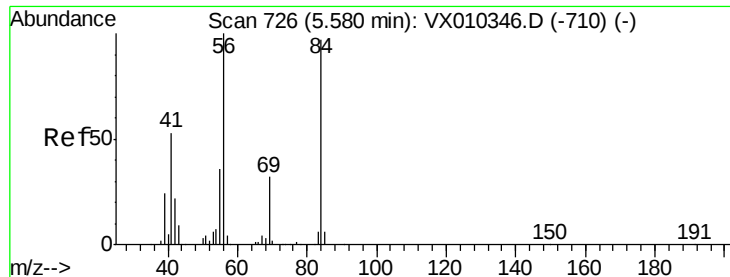
85 271.2 50.9 76.3#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

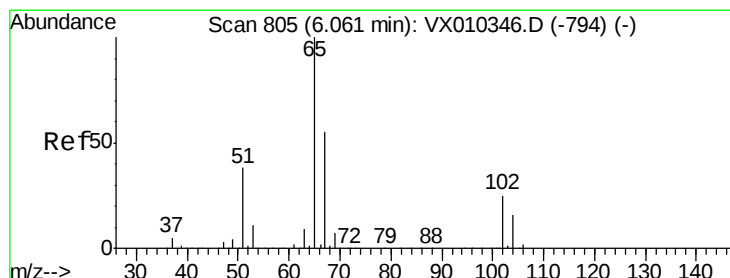
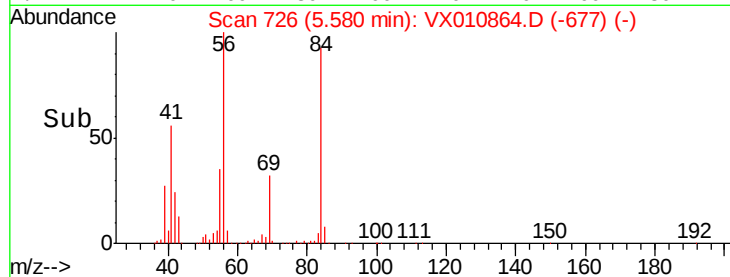
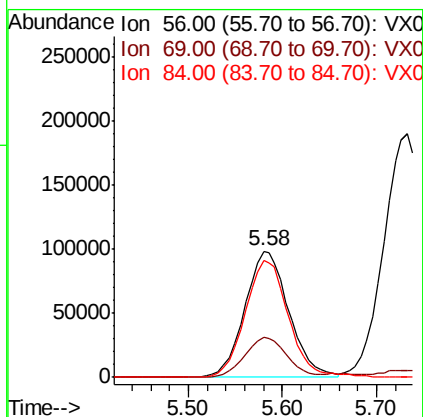
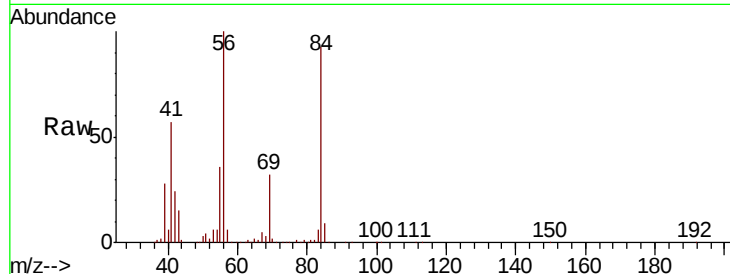




#31
Cyclohexane
Concen: 94.419 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX010864.D
Acq: 13 Jul 2019 02:32

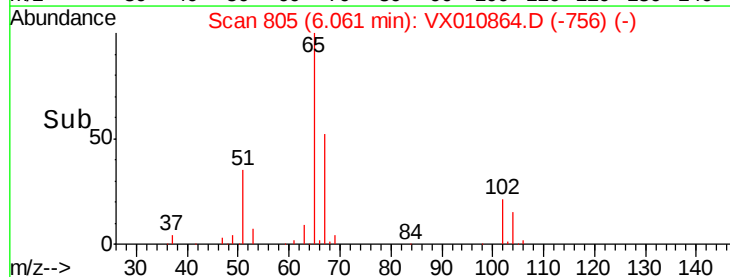
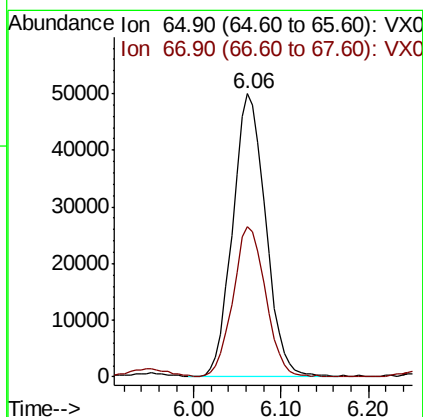
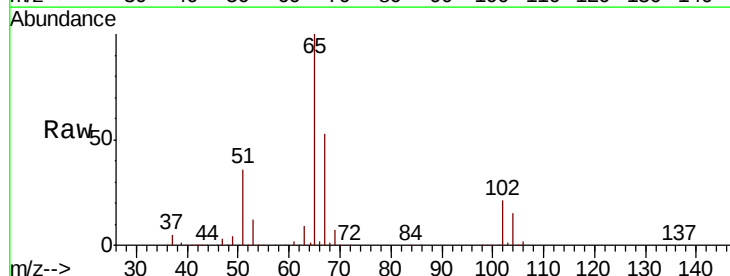
Instrument :
MSVOA_X
ClientSampled :
FL-0602

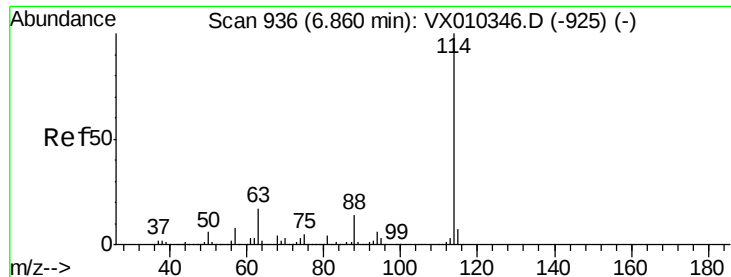
Tot Ion: 56 Resp: 319706
Ion Ratio Lower Upper
56 100
69 31.2 25.9 38.9
84 93.2 78.0 117.0



#33
1,2-Dichloroethane-d4
Concen: 55.518 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX010864.D
Acq: 13 Jul 2019 02:32

Tgt Ion: 65 Resp: 130143
Ion Ratio Lower Upper
65 100
67 52.4 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010864.D

Acq: 13 Jul 2019 02:32

Instrument :

MSVOA_X

ClientSampleId :

FL-0602

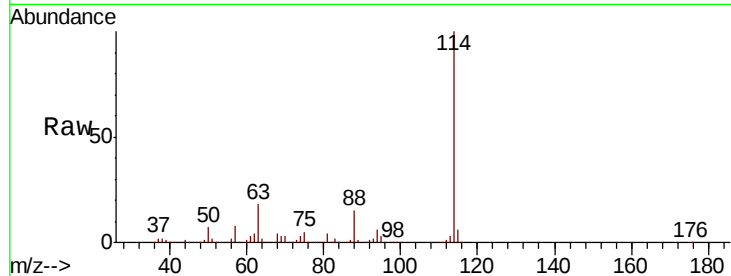
Tot Ion:114 Resp: 386228

Ion Ratio Lower Upper

114 100

63 17.7 0.0 33.8

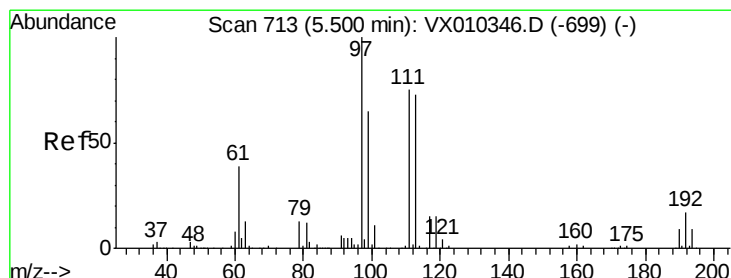
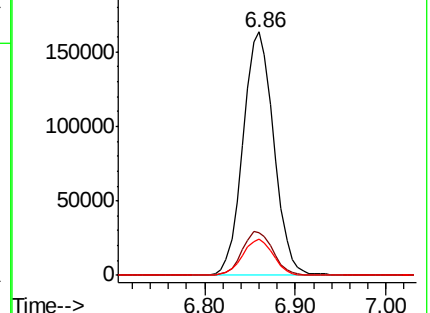
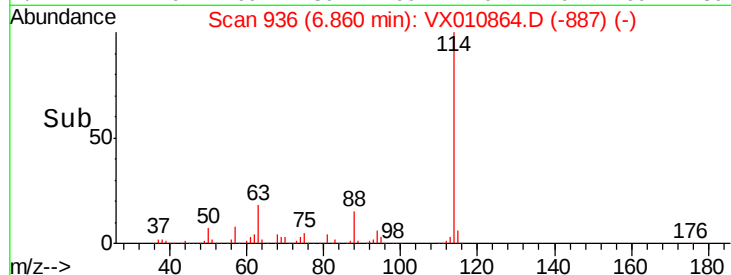
88 15.1 0.0 27.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 49.848 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010864.D

Acq: 13 Jul 2019 02:32

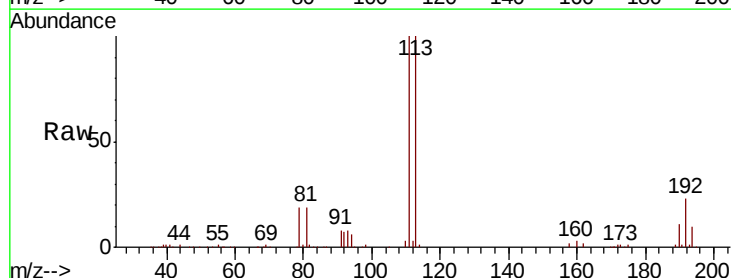
Tgt Ion:113 Resp: 117794

Ion Ratio Lower Upper

113 100

111 101.4 81.2 121.8

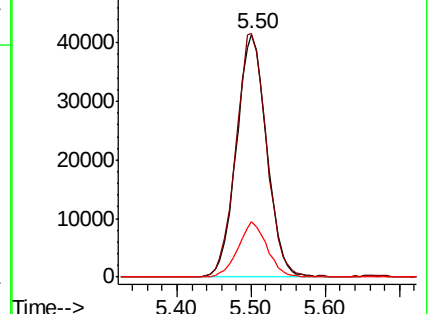
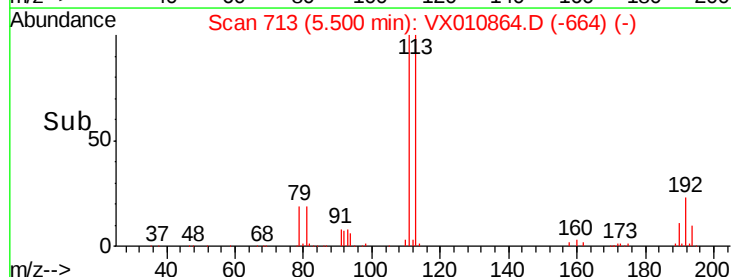
192 21.8 18.6 27.8

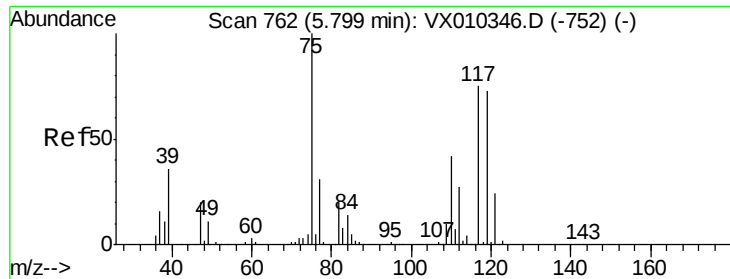


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

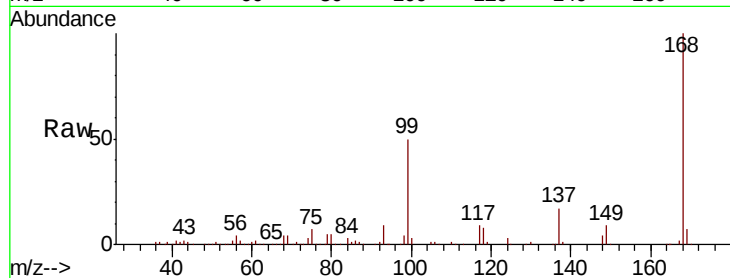




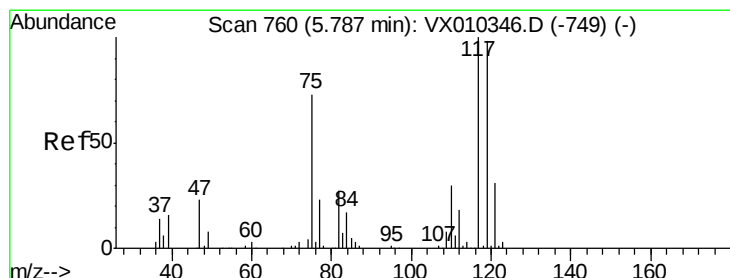
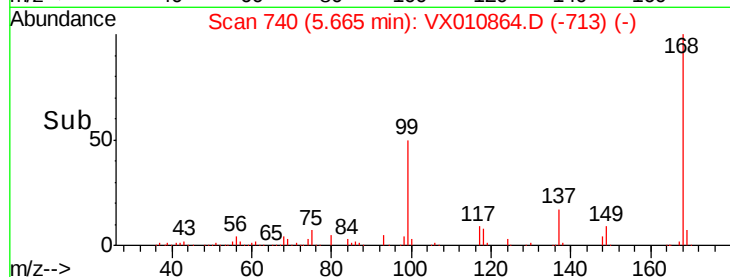
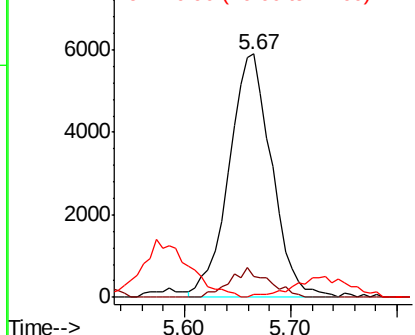
#36
 1,1-Dichloropropene
 Concen: 5.406 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX010864.D
 Acq: 13 Jul 2019 02:32

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0602

Tot Ion	Ratio	Lower	Upper
75	100		
110	11.0	20.8	62.2#
77	0.0	25.4	38.0#

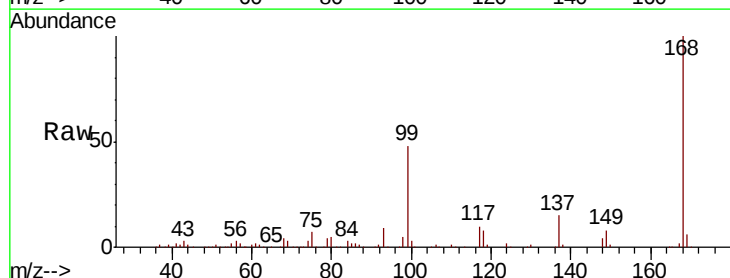


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

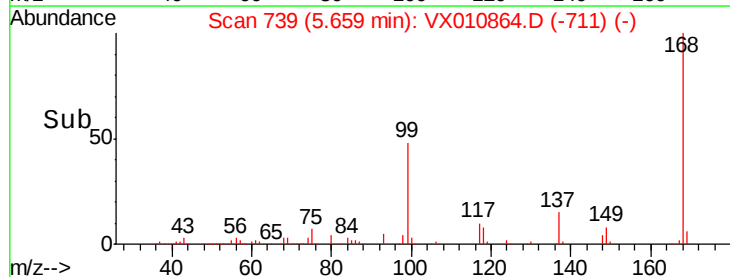
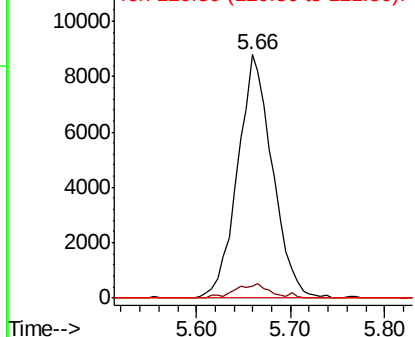


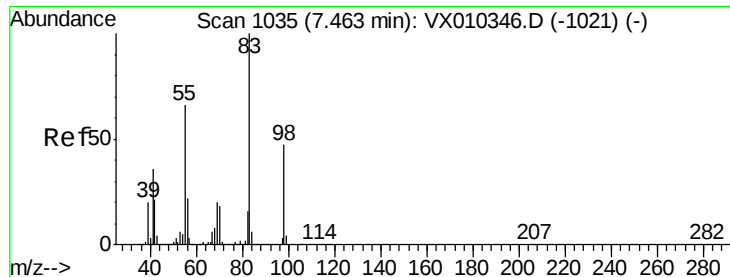
#38
 Carbon Tetrachloride
 Concen: 6.835 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.13 min
 Lab File: VX010864.D
 Acq: 13 Jul 2019 02:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.1	78.2	117.4#
121	0.0	24.7	37.1#



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: 117.693 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.00 min

Lab File: VX010864.D

Acq: 13 Jul 2019 02:32

Instrument :

MSVOA_X

ClientSampleId :

FL-0602

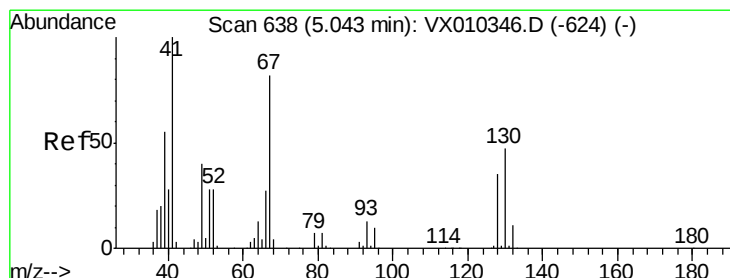
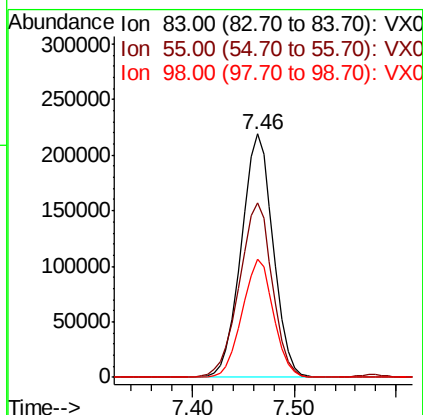
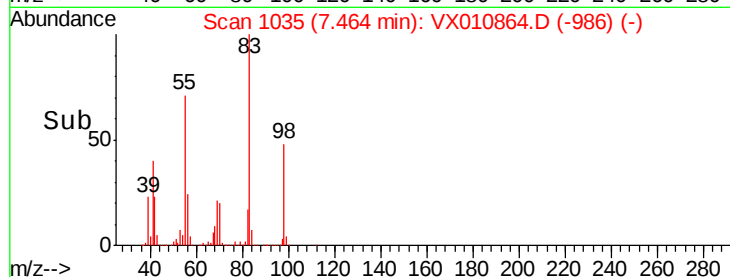
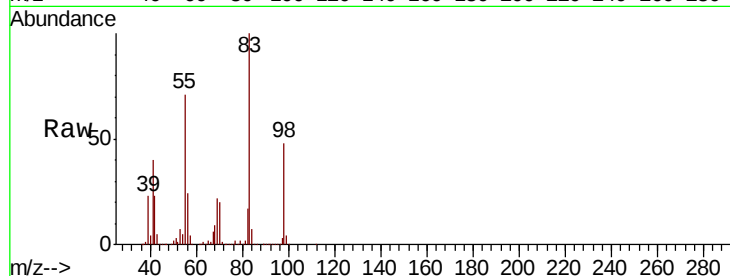
Tot Ion: 83 Resp: 474814

Ion Ratio Lower Upper

83 100

55 71.4 53.0 79.6

98 48.3 37.8 56.8



#41

Methacrylonitrile

Concen: 0.277 ug/l

RT: 5.04 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX010864.D

Acq: 13 Jul 2019 02:32

Tgt Ion: 41 Resp: 480

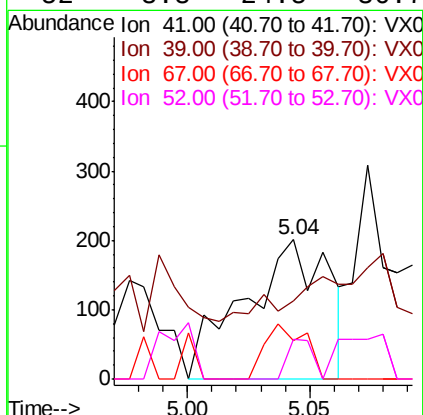
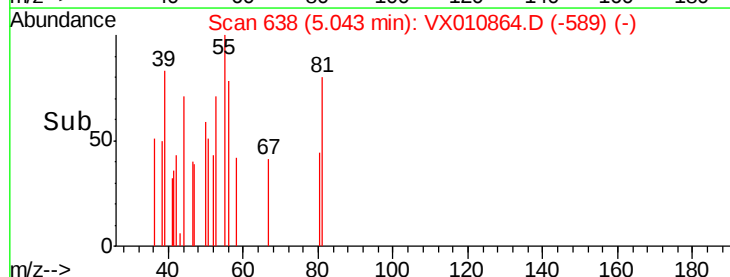
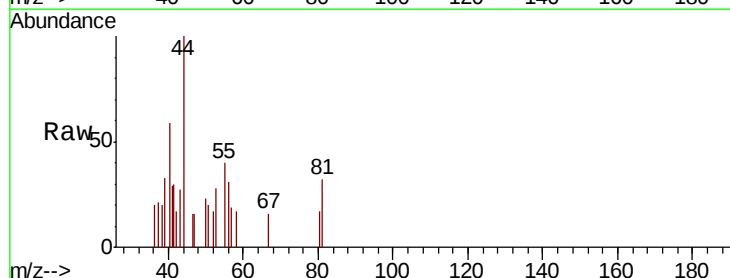
Ion Ratio Lower Upper

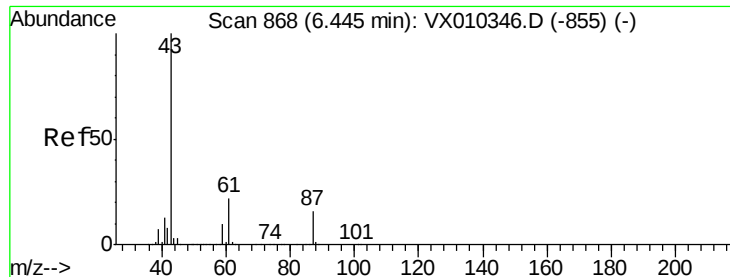
41 100

39 0.0 43.8 65.8#

67 19.4 66.6 100.0#

52 8.8 24.5 36.7#





#43

Isopropyl Acetate

Concen: 1.286 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.01 min

Lab File: VX010864.D

Acq: 13 Jul 2019 02:32

Instrument :

MSVOA_X

ClientSampled :

FL-0602

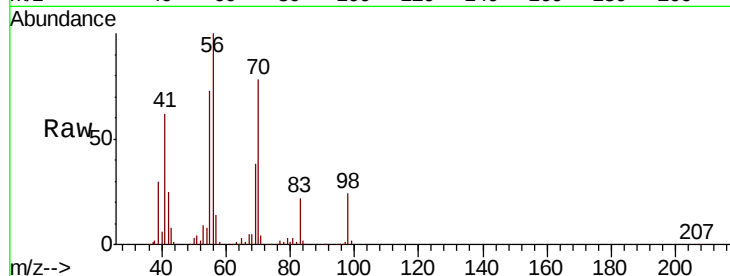
Tot Ion: 43 Resp: 6717

Ion Ratio Lower Upper

43 100

61 1.9 17.8 26.6#

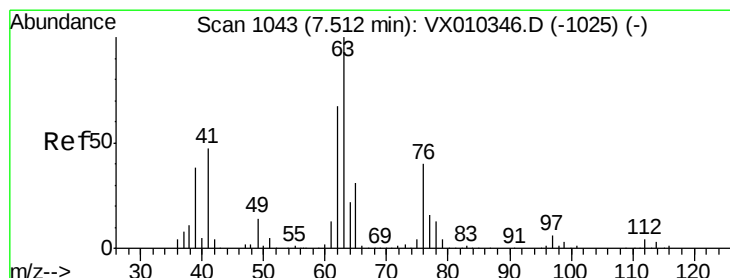
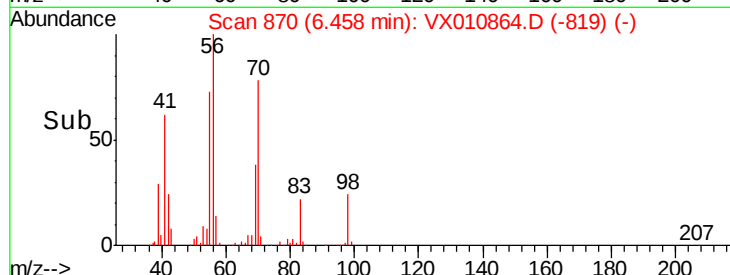
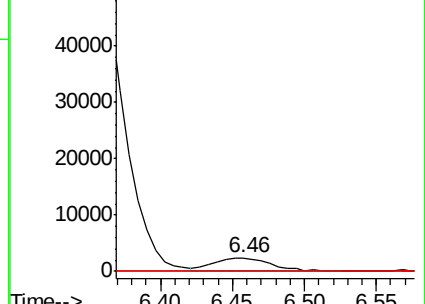
87 0.0 13.0 19.4#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#45

1,2-Dichloropropane

Concen: 1.955 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. -0.05 min

Lab File: VX010864.D

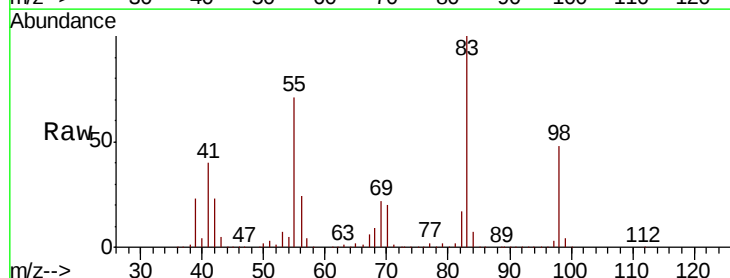
Acq: 13 Jul 2019 02:32

Tgt Ion: 63 Resp: 4721

Ion Ratio Lower Upper

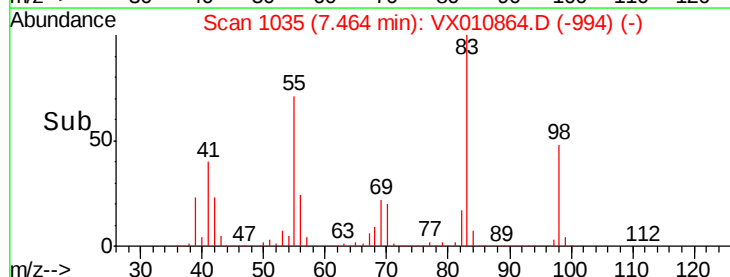
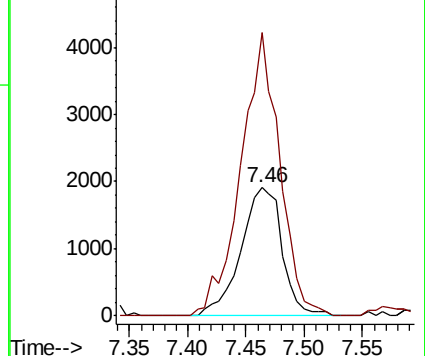
63 100

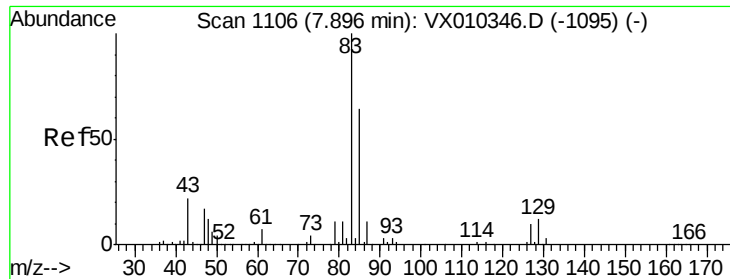
65 220.8 24.8 37.2#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0





#47

Bromodichloromethane

Concen: 0.433 ug/l

RT: 7.85 min Scan# 1098

Delta R.T. -0.05 min

Lab File: VX010864.D

Acq: 13 Jul 2019 02:32

Instrument :

MSVOA_X

ClientSampled :

FL-0602

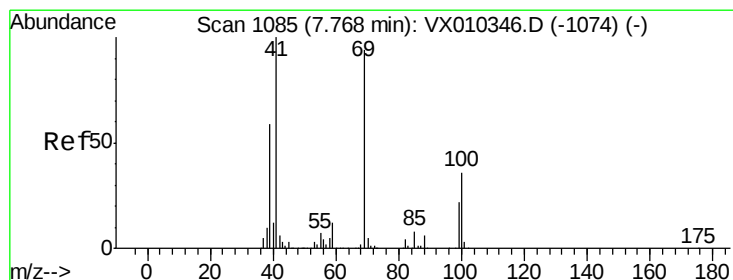
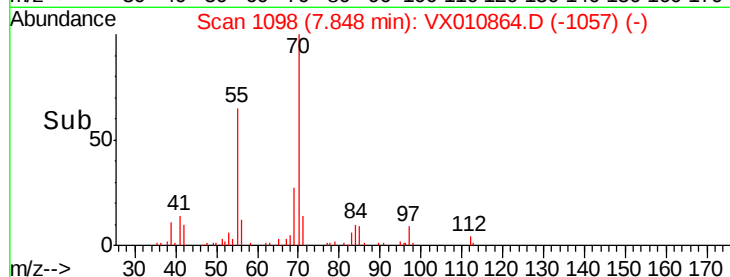
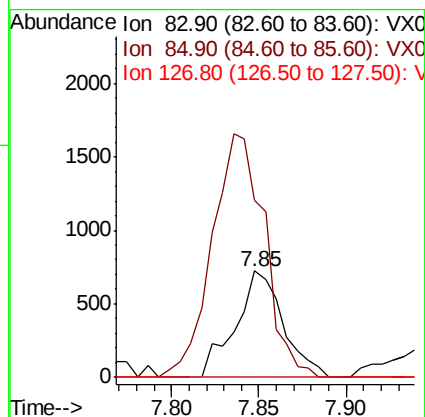
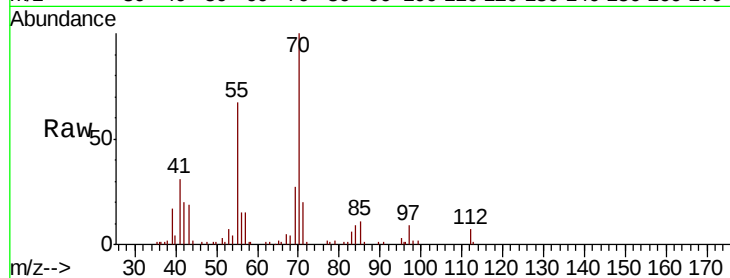
Tot Ion: 83 Resp: 1374

Ion Ratio Lower Upper

83 100

85 166.3 51.5 77.3#

127 0.0 7.8 11.8#



#48

Methyl methacrylate

Concen: 8.827 ug/l

RT: 7.73 min Scan# 1079

Delta R.T. -0.04 min

Lab File: VX010864.D

Acq: 13 Jul 2019 02:32

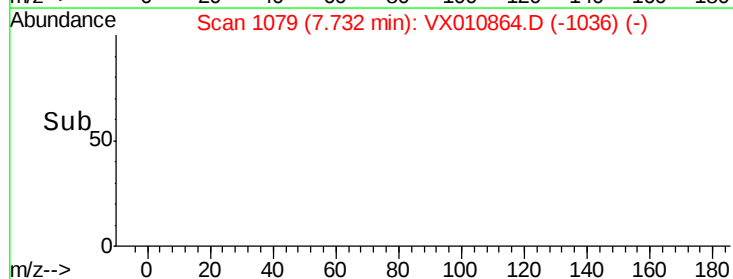
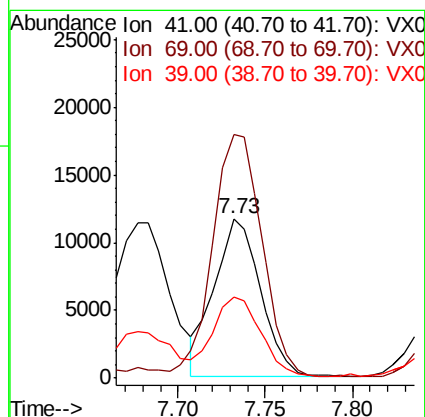
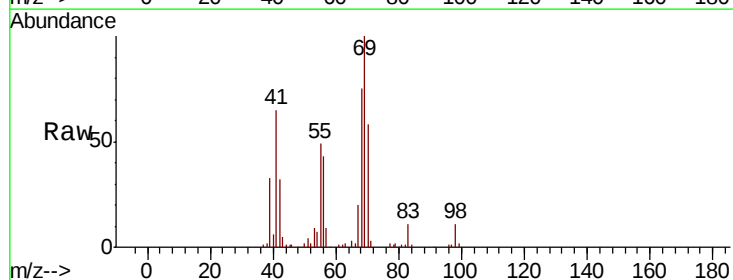
Tgt Ion: 41 Resp: 21433

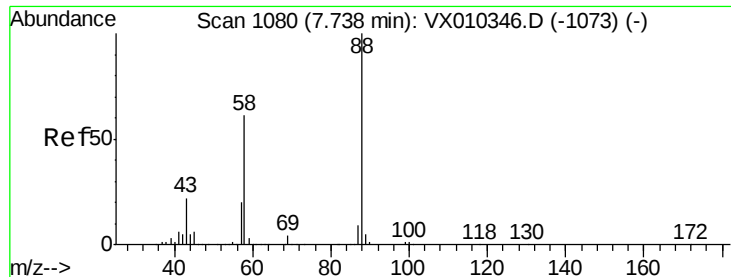
Ion Ratio Lower Upper

41 100

69 165.1 76.1 114.1#

39 51.7 47.6 71.4

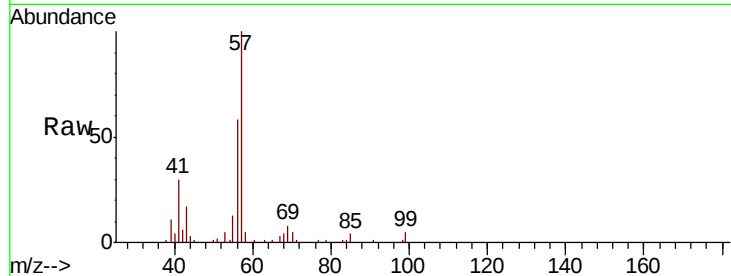




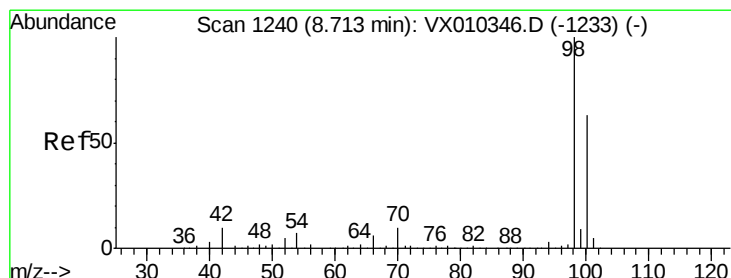
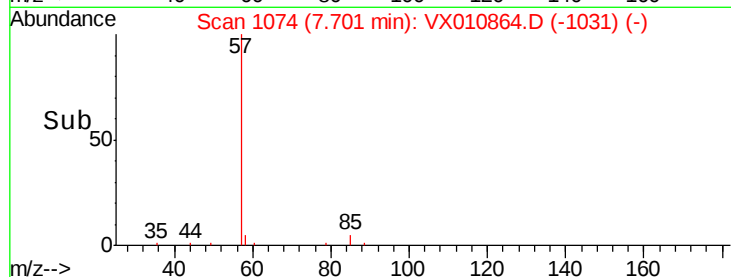
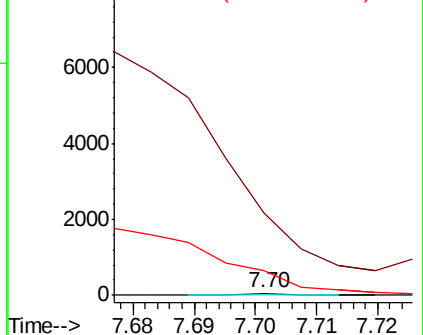
#49
1,4-Dioxane
Concen: 0.272 ug/l
RT: 7.70 min Scan# 1074
Delta R.T. -0.04 min
Lab File: VX010864.D
Acq: 13 Jul 2019 02:32

Instrument :
MSVOA_X
ClientSampleId :
FL-0602

Tot Ion: 88 Resp: 19
Ion Ratio Lower Upper
88 100
43 0.0 20.2 30.2#
58 0.0 49.5 74.3#

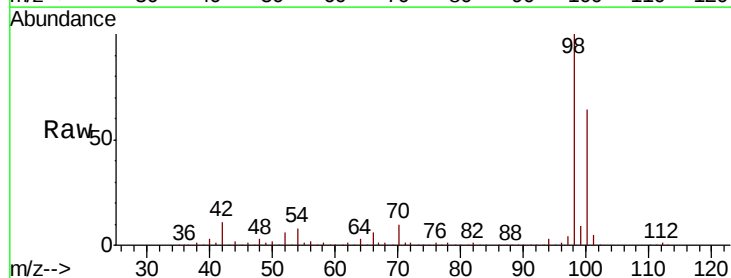


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

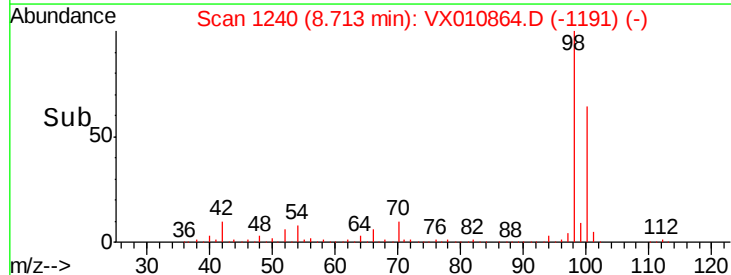
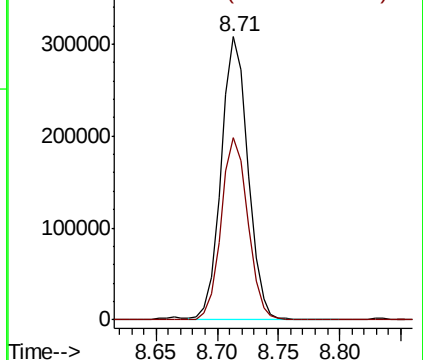


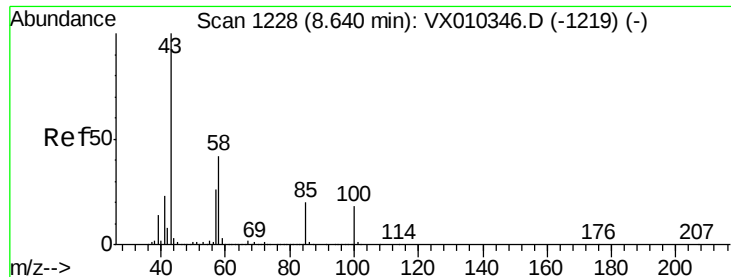
#50
Toluene-d8
Concen: 51.536 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010864.D
Acq: 13 Jul 2019 02:32

Tgt Ion: 98 Resp: 465922
Ion Ratio Lower Upper
98 100
100 64.6 51.6 77.4



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





#51

4-Methyl-2-Pentanone

Concen: 2.844 ug/l

RT: 8.67 min Scan# 1233

Delta R.T. 0.03 min

Lab File: VX010864.D

Acq: 13 Jul 2019 02:32

Instrument :

MSVOA_X

ClientSampleId :

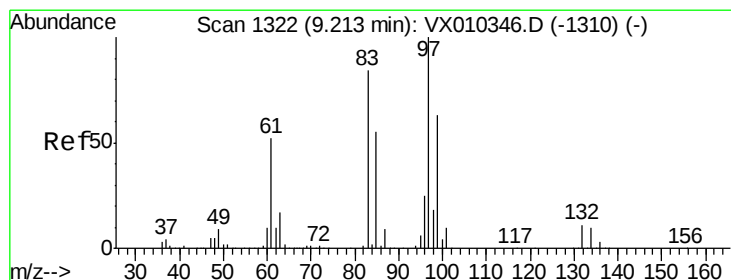
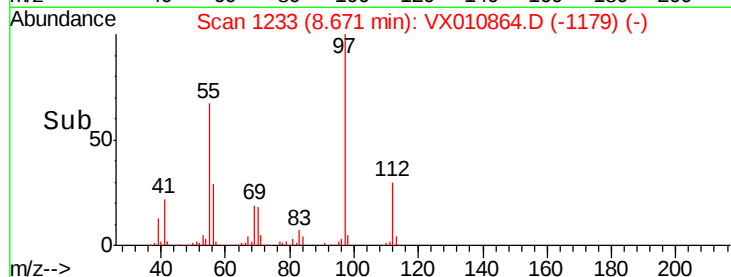
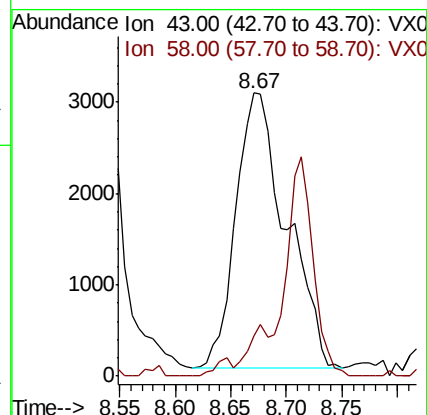
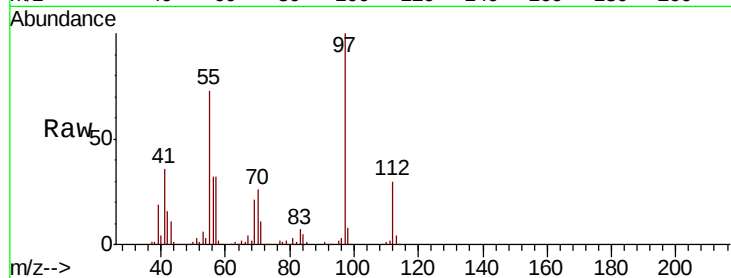
FL-0602

Tot Ion: 43 Resp: 9503

Ion Ratio Lower Upper

43 100

58 7.2 33.5 50.3#



#55

1,1,2-Trichloroethane

Concen: 10.961 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX010864.D

Acq: 13 Jul 2019 02:32

Tgt Ion: 97 Resp: 28465

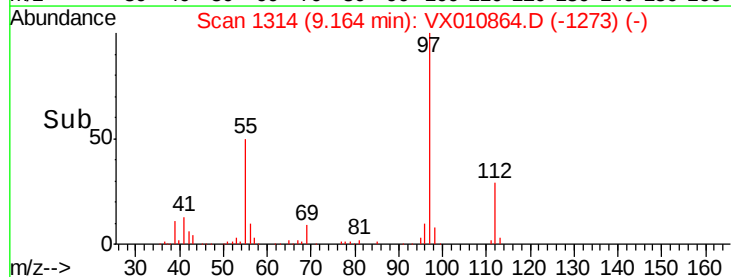
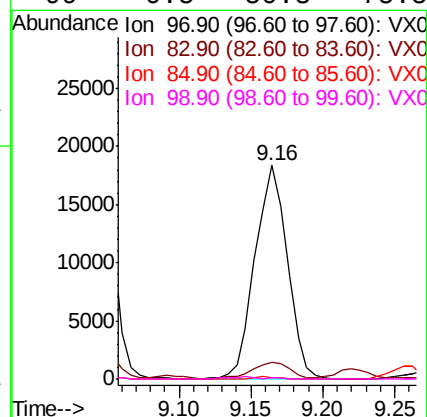
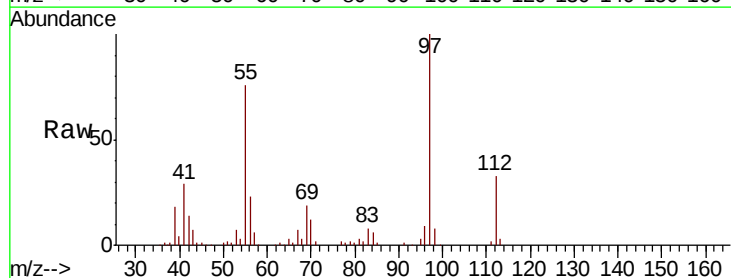
Ion Ratio Lower Upper

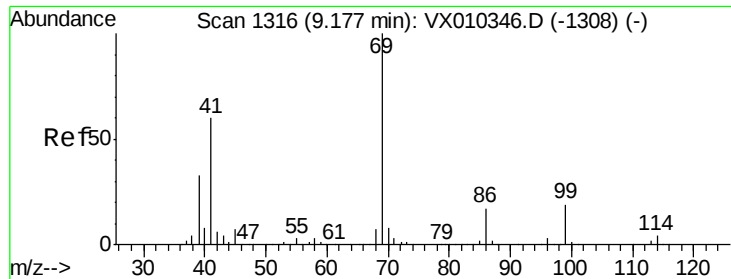
97 100

83 7.2 67.4 101.0#

85 0.5 43.8 65.8#

99 0.5 50.3 75.5#





#56

Ethyl methacrylate

Concen: 1.467 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.01 min

Lab File: VX010864.D

Acq: 13 Jul 2019 02:32

Instrument :

MSVOA_X

ClientSampleId :

FL-0602

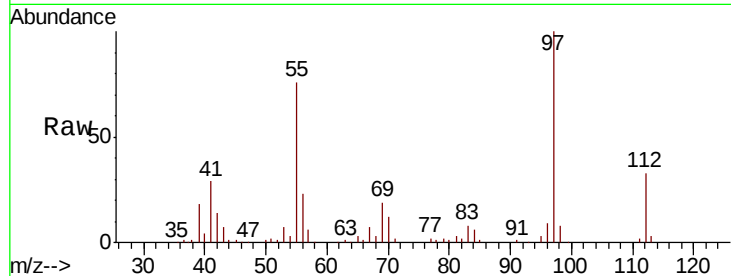
Tot Ion: 69 Resp: 5772

Ion Ratio Lower Upper

69 100

41 155.7 47.1 70.7#

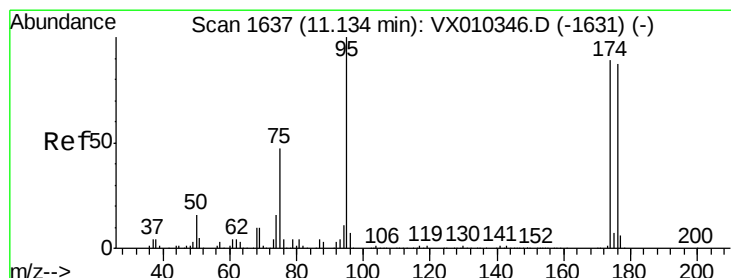
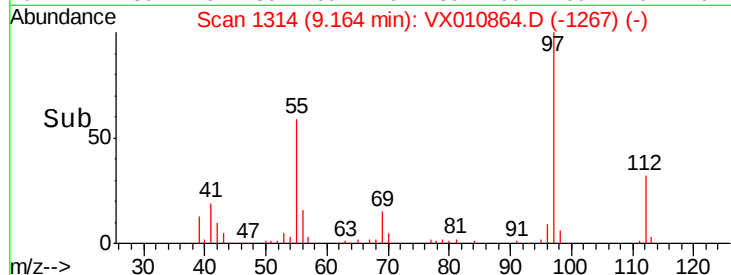
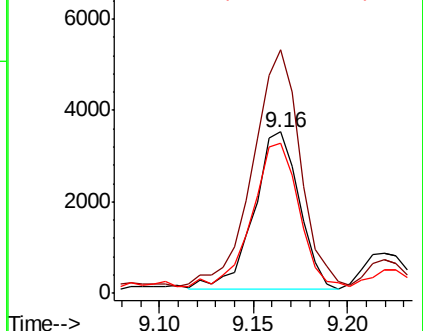
39 93.1 26.6 40.0#



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#62

4-Bromofluorobenzene

Concen: 51.916 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010864.D

Acq: 13 Jul 2019 02:32

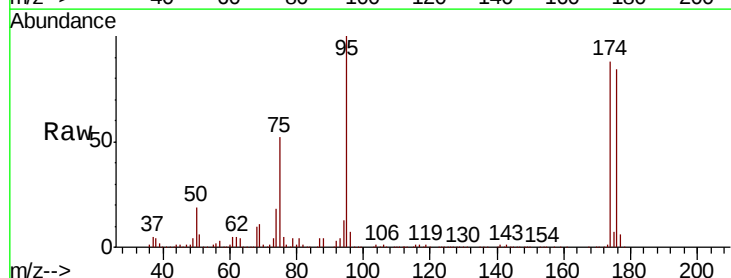
Tgt Ion: 95 Resp: 169450

Ion Ratio Lower Upper

95 100

174 91.6 0.0 187.6

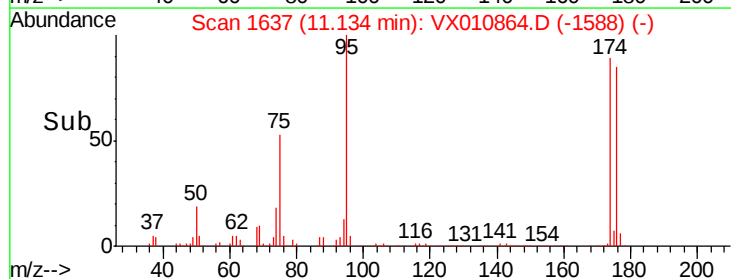
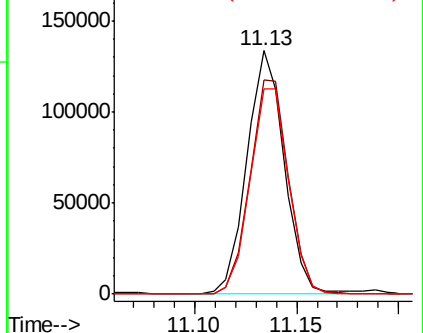
176 88.4 0.0 184.0

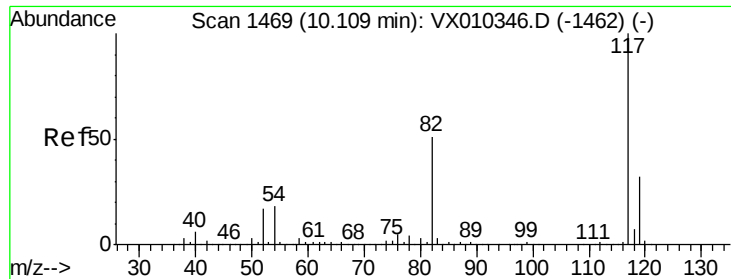


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

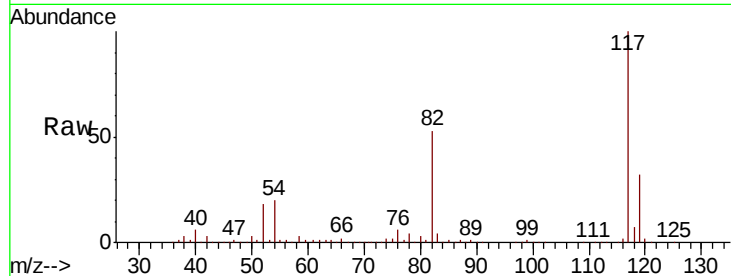




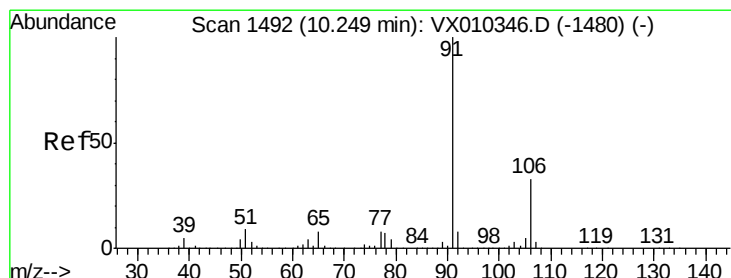
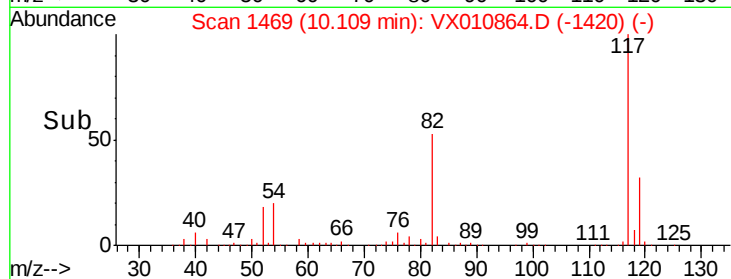
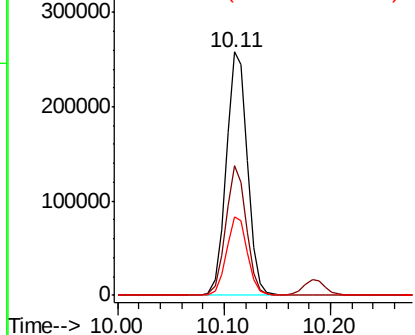
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010864.D
Acq: 13 Jul 2019 02:32

Instrument :
MSVOA_X
ClientSampleId :
FL-0602

Tot Ion:117 Resp: 359117
Ion Ratio Lower Upper
117 100
82 52.9 41.2 61.8
119 32.3 25.5 38.3

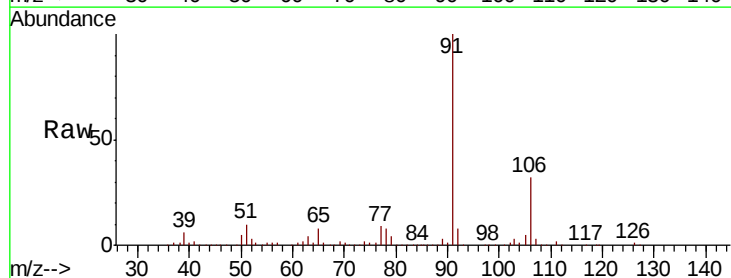


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

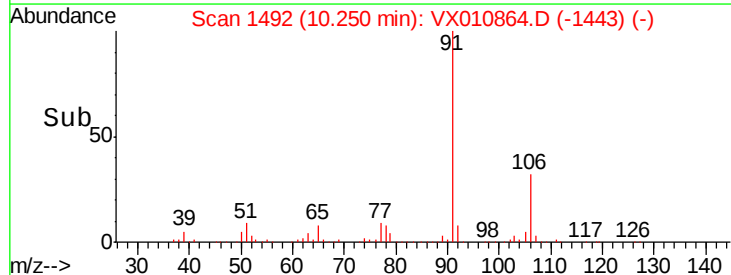
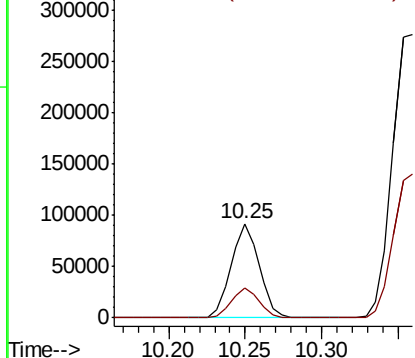


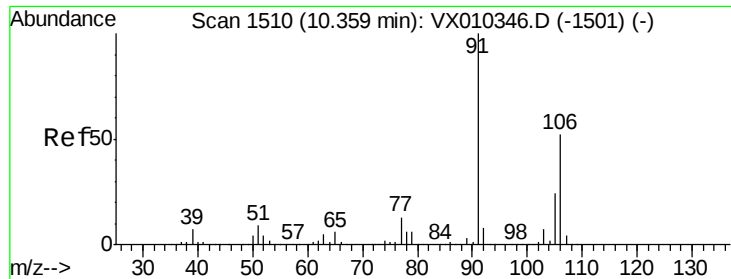
#67
Ethyl Benzene
Concen: 9.548 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010864.D
Acq: 13 Jul 2019 02:32

Tgt Ion: 91 Resp: 117519
Ion Ratio Lower Upper
91 100
106 31.7 26.2 39.2



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

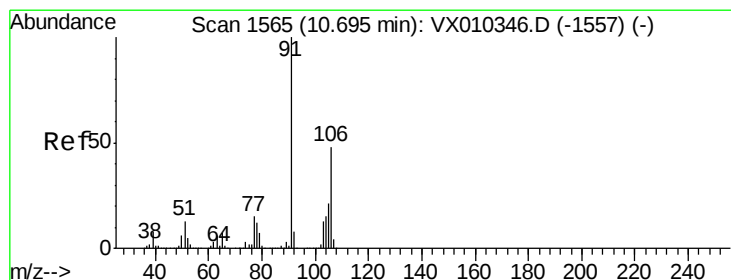
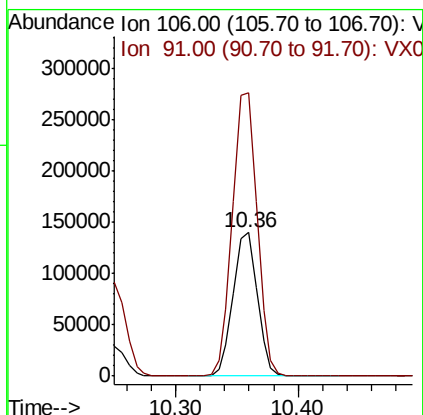
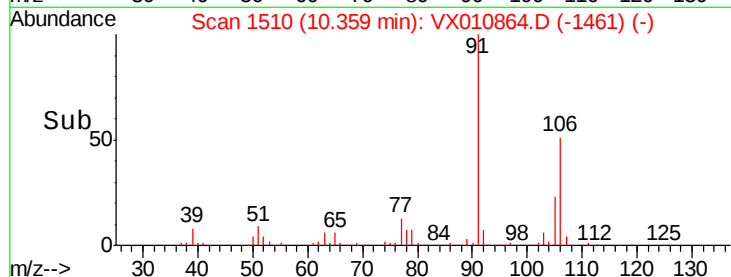
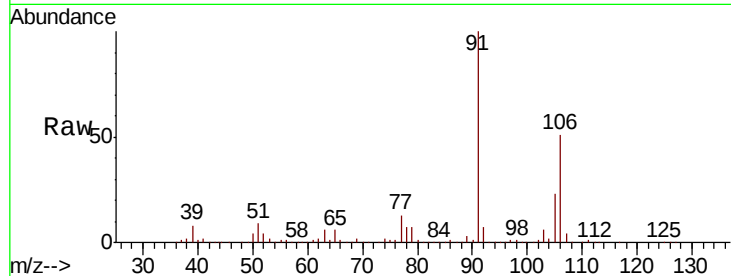




#68
m/p-Xylenes
Concen: 40.369 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010864.D
Acq: 13 Jul 2019 02:32

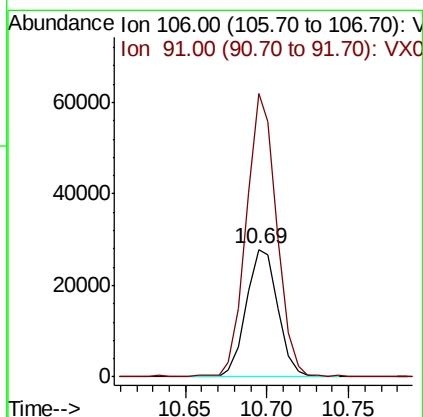
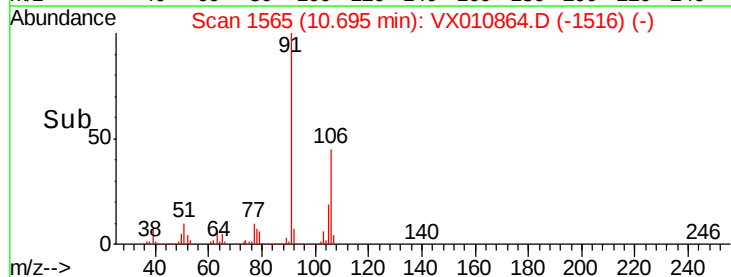
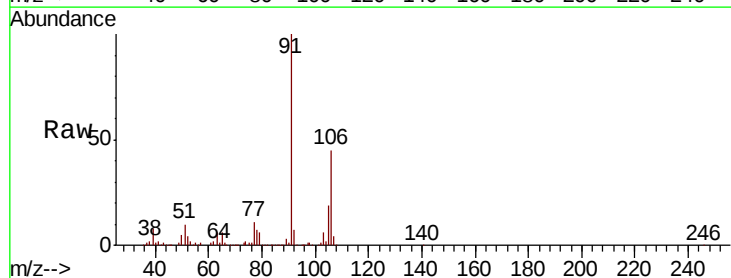
Instrument :
MSVOA_X
ClientSampled :
FL-0602

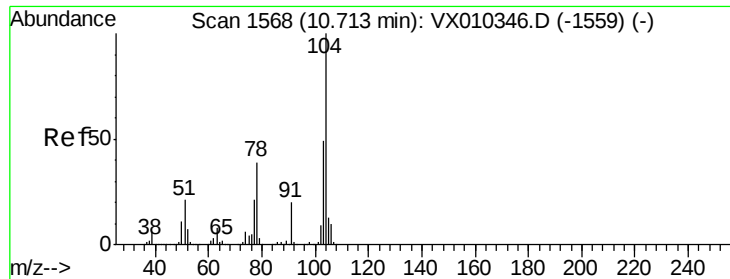
Tot Ion:106 Resp: 192526
Ion Ratio Lower Upper
106 100
91 201.2 155.3 232.9



#69
o-Xylene
Concen: 8.074 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010864.D
Acq: 13 Jul 2019 02:32

Tgt Ion:106 Resp: 37868
Ion Ratio Lower Upper
106 100
91 211.6 102.7 308.1





#70

Stvrene

Concen: 0.247 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. -0.02 min

Lab File: VX010864.D

Acq: 13 Jul 2019 02:32

Instrument :

MSVOA_X

ClientSampled :

FL-0602

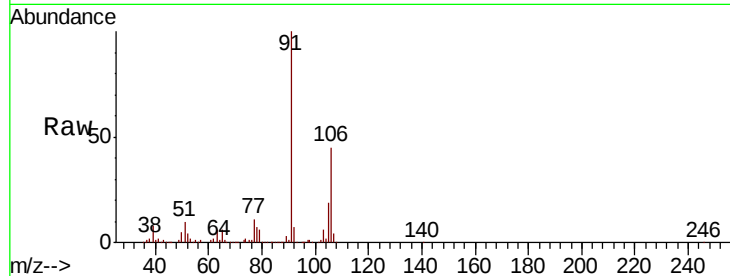
Tot Ion:104 Resp: 1946

Ion Ratio Lower Upper

104 100

78 290.0 36.2 54.2#

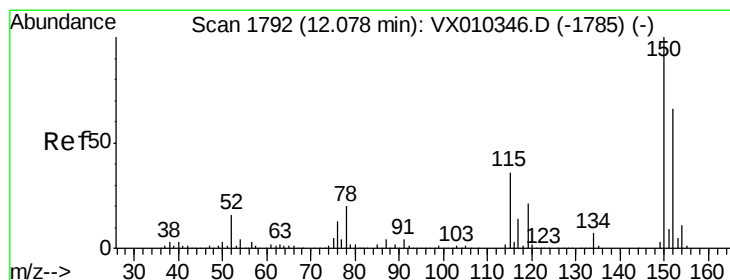
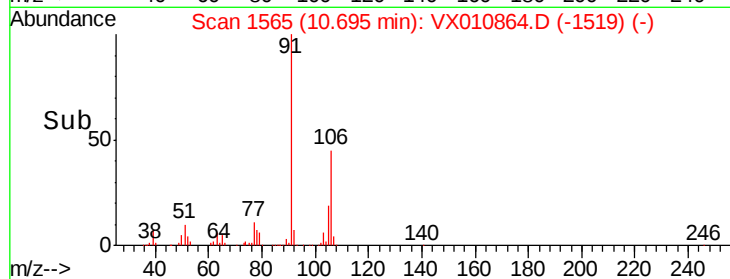
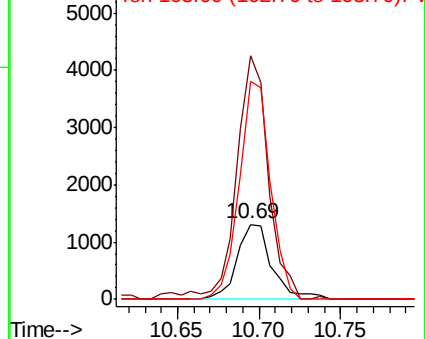
103 261.7 44.2 66.4#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010864.D

Acq: 13 Jul 2019 02:32

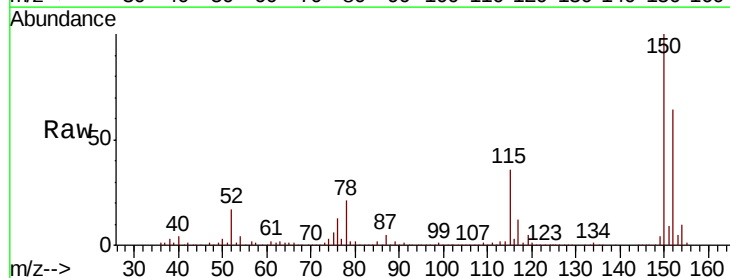
Tgt Ion:152 Resp: 185183

Ion Ratio Lower Upper

152 100

115 62.6 38.6 115.7

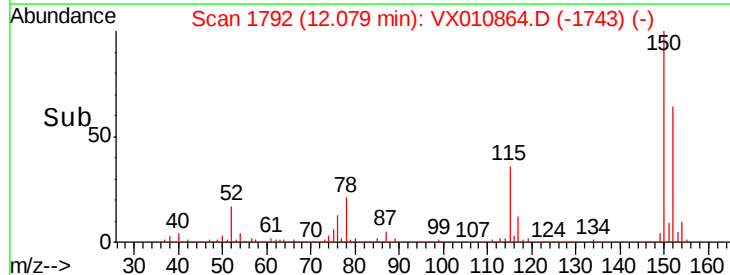
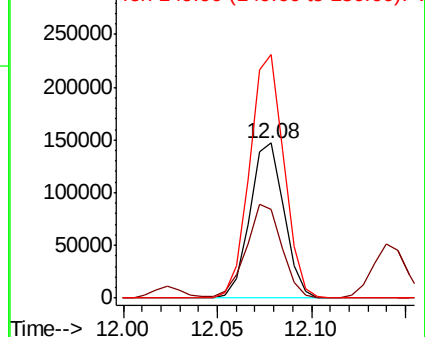
150 157.5 0.0 347.4

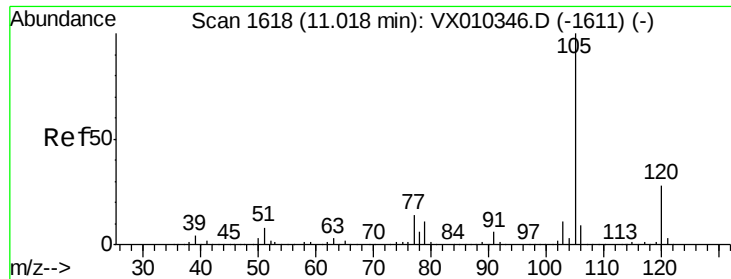


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

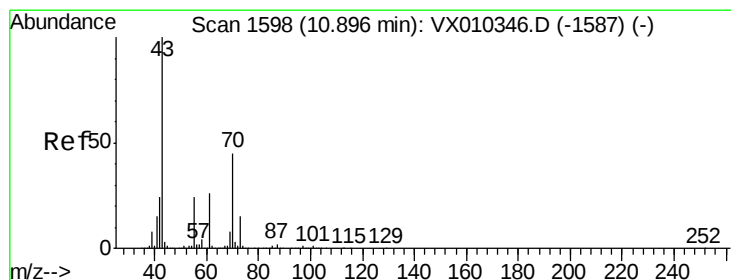
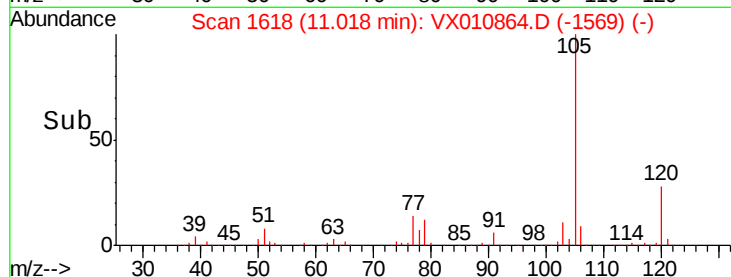
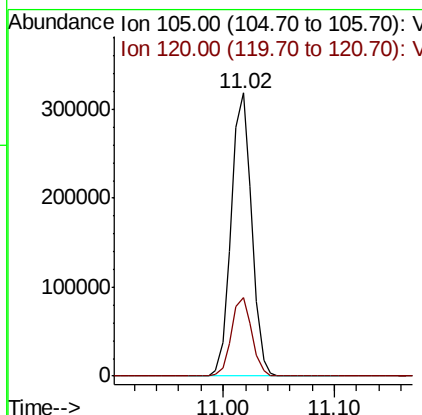
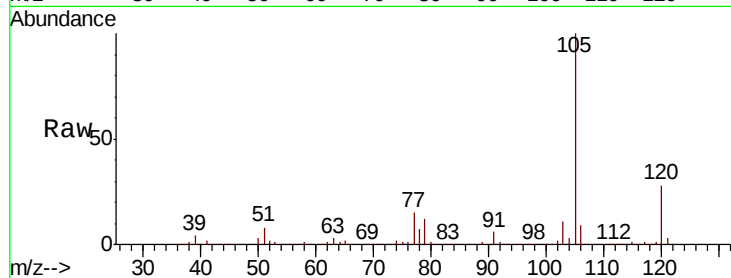




#73
Isopropylbenzene
Concen: 32.157 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX010864.D
Acq: 13 Jul 2019 02:32

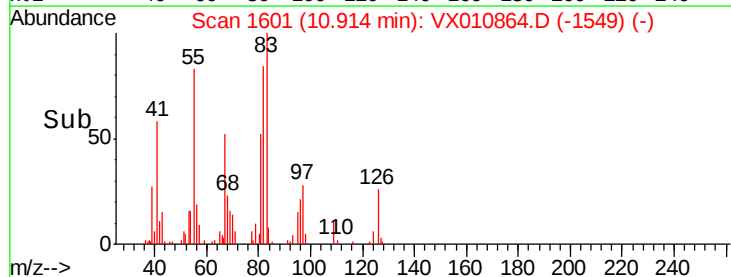
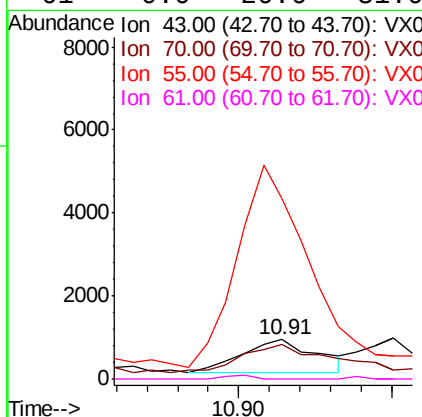
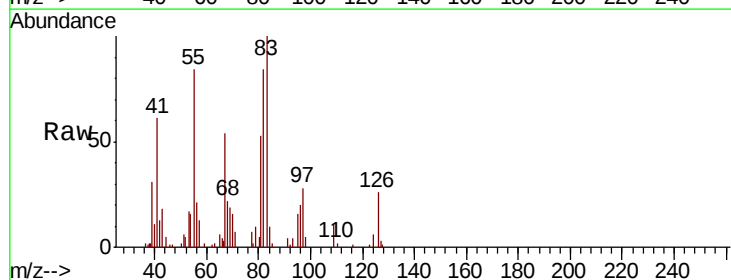
Instrument :
MSVOA_X
ClientSampleId :
FL-0602

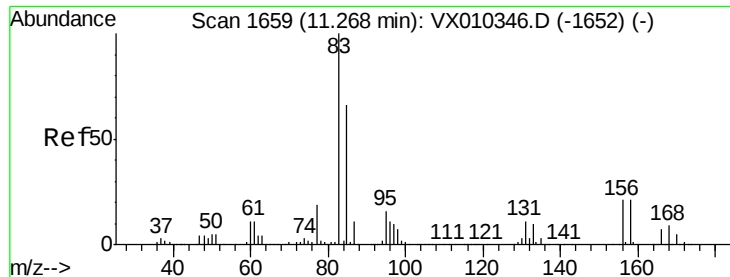
Tot Ion:105 Resp: 403667
Ion Ratio Lower Upper
105 100
120 27.6 14.1 42.4



#74
N-ethyl acetate
Concen: 0.292 ug/l
RT: 10.91 min Scan# 1601
Delta R.T. 0.02 min
Lab File: VX010864.D
Acq: 13 Jul 2019 02:32

Tgt Ion: 43 Resp: 1384
Ion Ratio Lower Upper
43 100
70 113.1 36.6 54.8#
55 584.5 18.7 28.1#
61 0.0 20.6 31.0#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.427 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX010864.D

Acq: 13 Jul 2019 02:32

Instrument :

MSVOA_X

ClientSampleId :

FL-0602

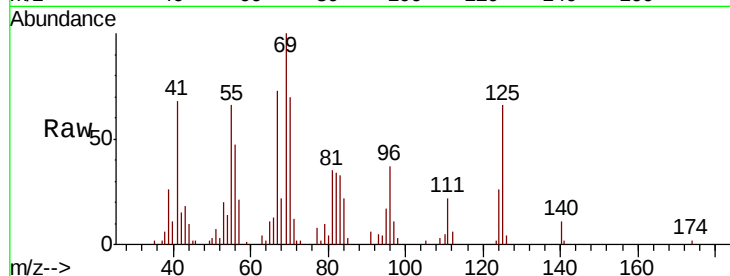
Tot Ion: 83 Resp: 1776

Ion Ratio Lower Upper

83 100

131 0.0 5.5 16.4#

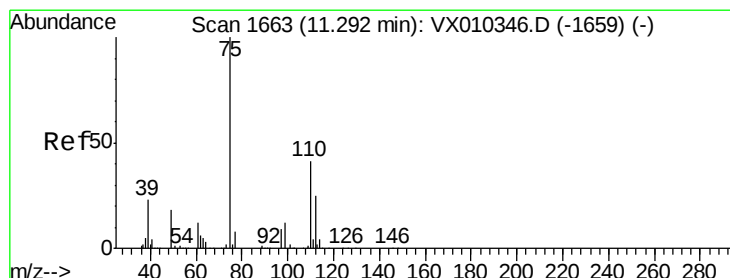
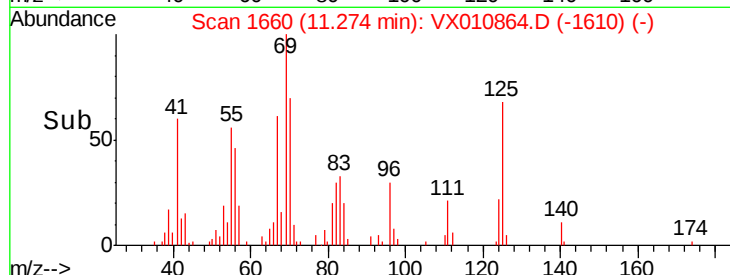
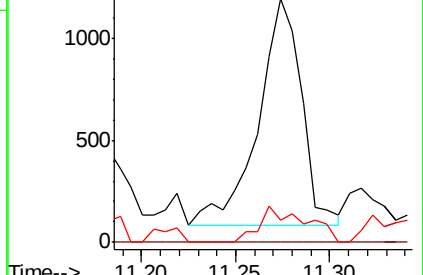
85 16.8 32.3 96.8#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 1.227 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.07 min

Lab File: VX010864.D

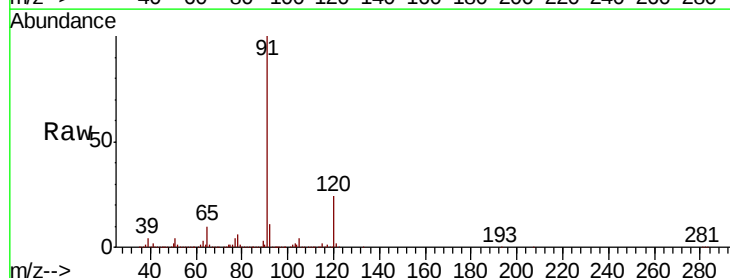
Acq: 13 Jul 2019 02:32

Tgt Ion: 75 Resp: 4141

Ion Ratio Lower Upper

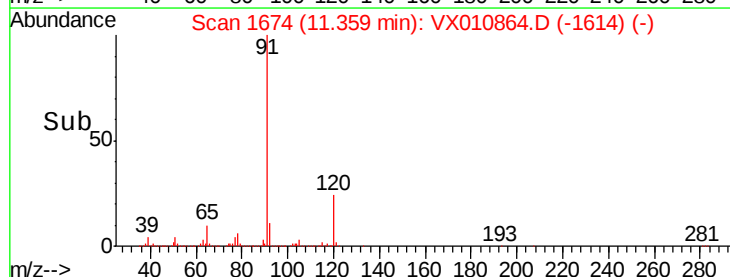
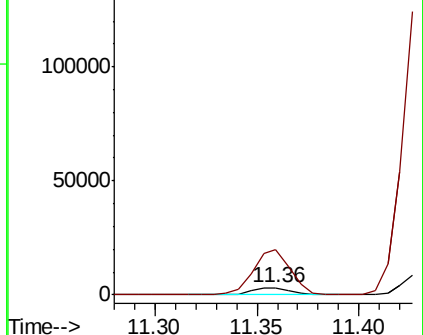
75 100

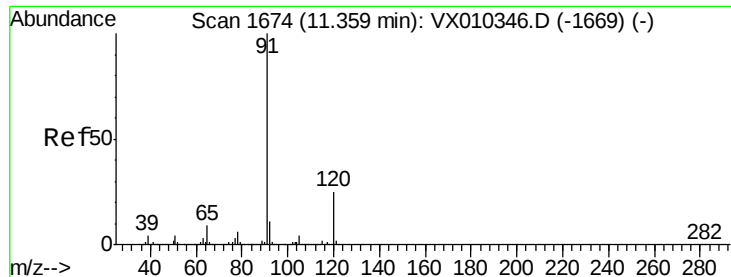
77 599.0 22.6 67.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 46.534 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010864.D

Acq: 13 Jul 2019 02:32

Instrument :

MSVOA_X

ClientSampled :

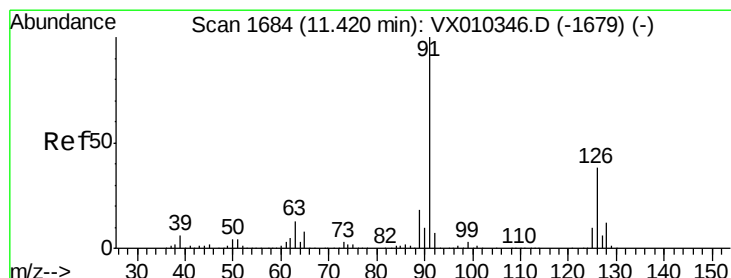
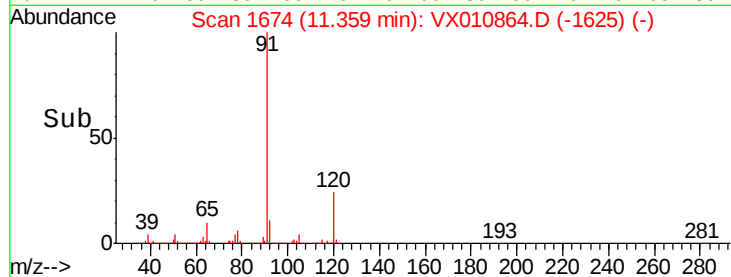
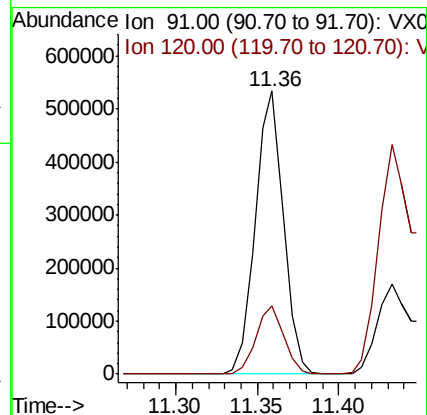
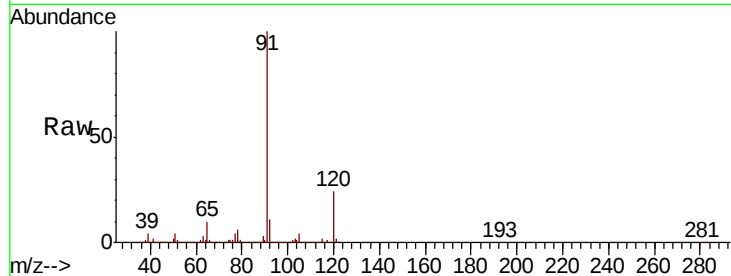
FL-0602

Tot Ion: 91 Resp: 642008

Ion Ratio Lower Upper

91 100

120 24.0 12.4 37.4



#79

2-Chlorotoluene

Concen: 37.570 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX010864.D

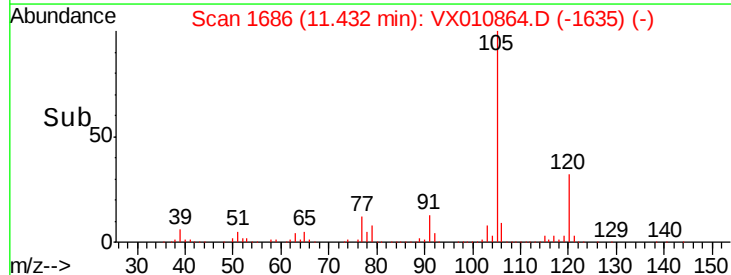
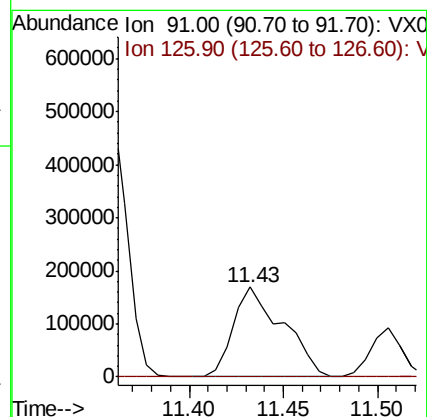
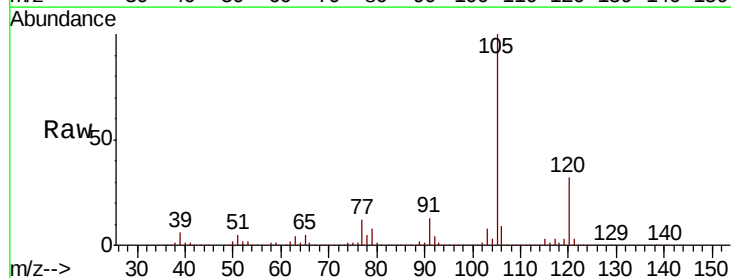
Acq: 13 Jul 2019 02:32

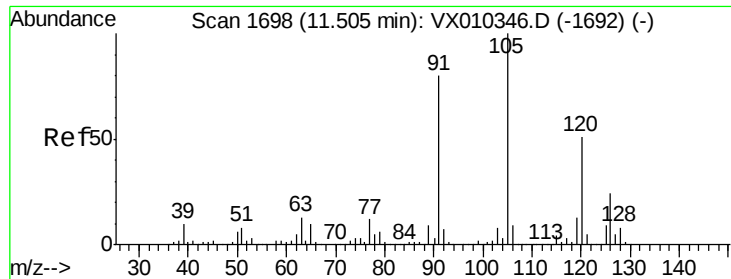
Tgt Ion: 91 Resp: 308651

Ion Ratio Lower Upper

91 100

126 0.0 18.7 56.1#

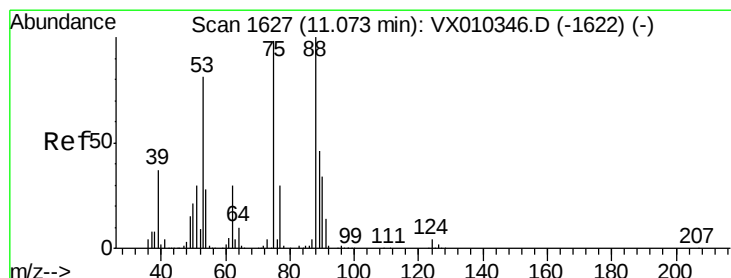
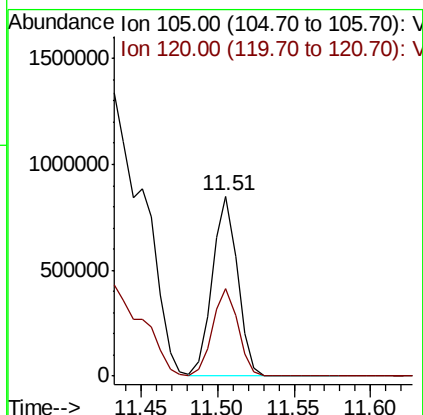
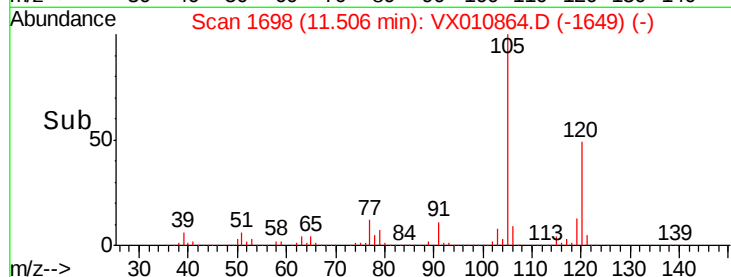
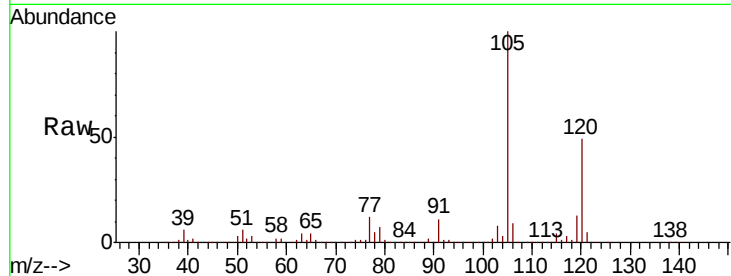




#80
 1,3,5-Trimethylbenzene
 Concen: 94.329 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010864.D
 Acq: 13 Jul 2019 02:32

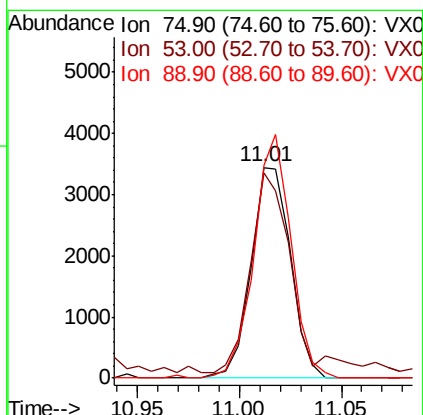
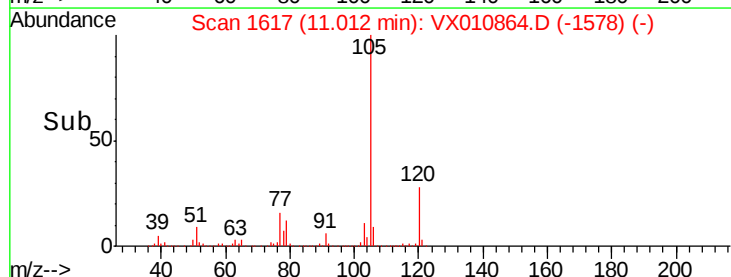
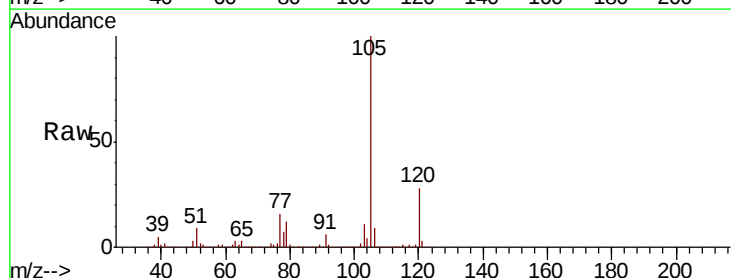
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0602

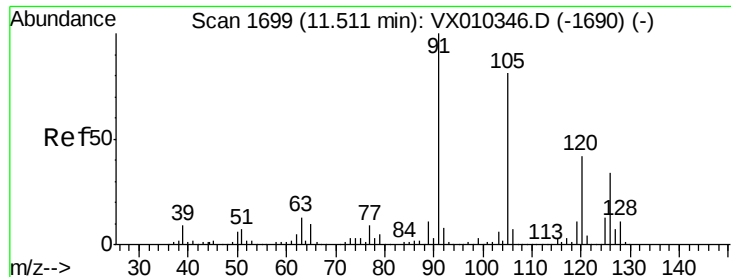
Tot Ion:105 Resp: 976171
 Ion Ratio Lower Upper
 105 100
 120 49.1 25.2 75.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 3.208 ug/l
 RT: 11.01 min Scan# 1617
 Delta R.T. -0.06 min
 Lab File: VX010864.D
 Acq: 13 Jul 2019 02:32

Tgt Ion: 75 Resp: 4640
 Ion Ratio Lower Upper
 75 100
 53 102.1 66.1 99.1#
 89 108.7 37.8 56.6#





#82

4-Chlorotoluene

Concen: 11.338 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX010864.D

Acq: 13 Jul 2019 02:32

Instrument :

MSVOA_X

ClientSampled :

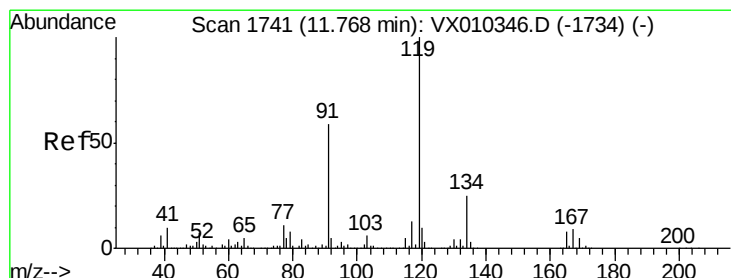
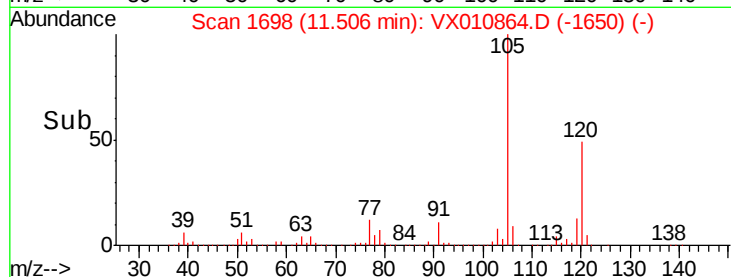
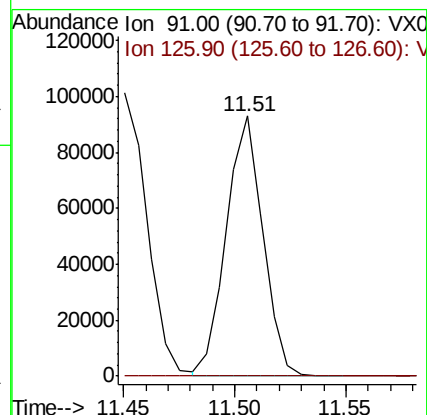
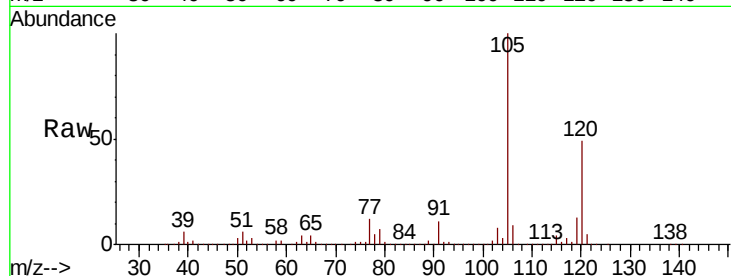
FL-0602

Tot Ion: 91 Resp: 105987

Ion Ratio Lower Upper

91 100

126 0.0 16.2 48.6#



#83

tert-Butylbenzene

Concen: 1.927 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX010864.D

Acq: 13 Jul 2019 02:32

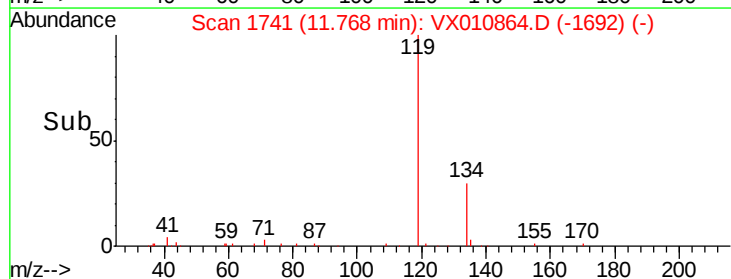
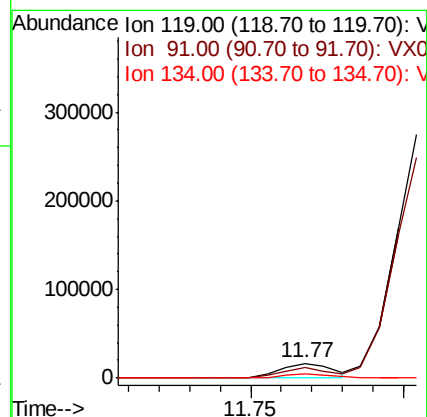
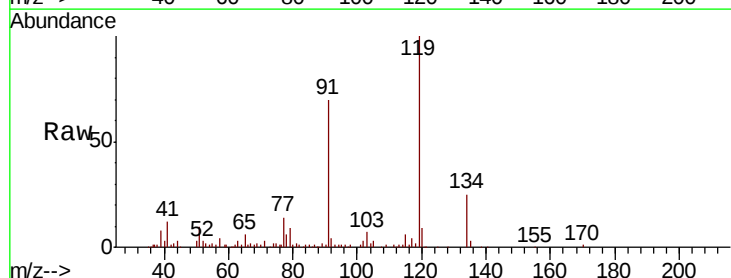
Tgt Ion: 119 Resp: 20012

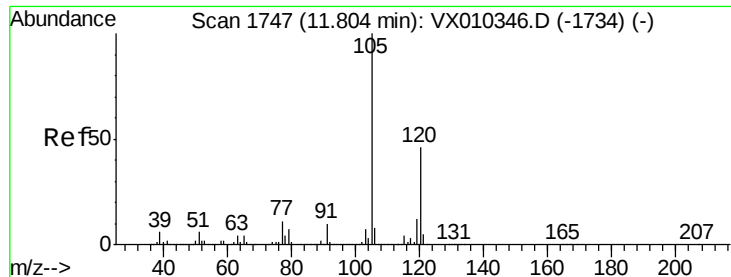
Ion Ratio Lower Upper

119 100

91 67.5 27.6 82.7

134 25.0 11.8 35.4





#84

1,2,4-Trimethylbenzene

Concen: 267.198 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX010864.D

Acq: 13 Jul 2019 02:32

Instrument :

MSVOA_X

ClientSampled :

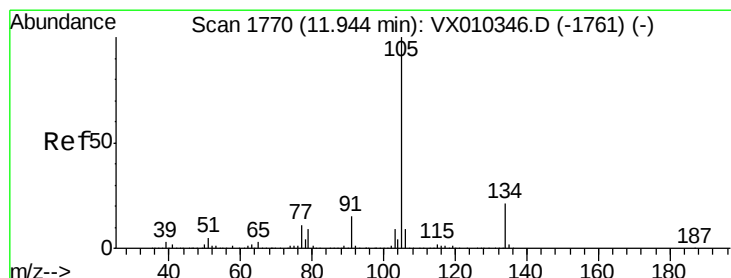
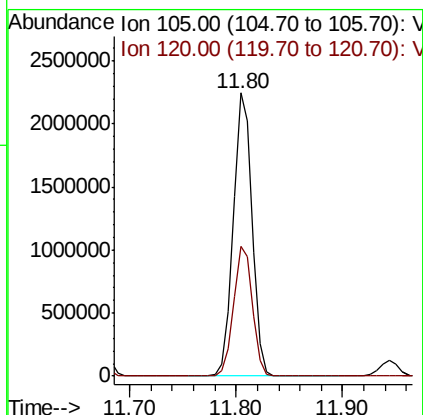
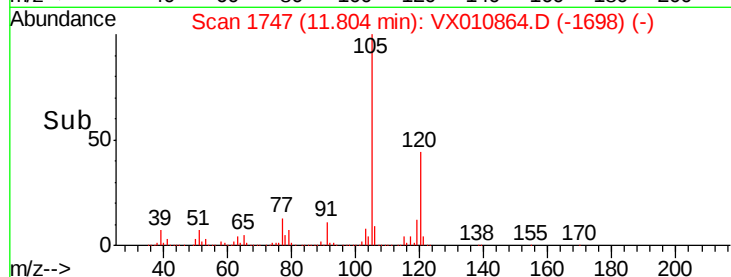
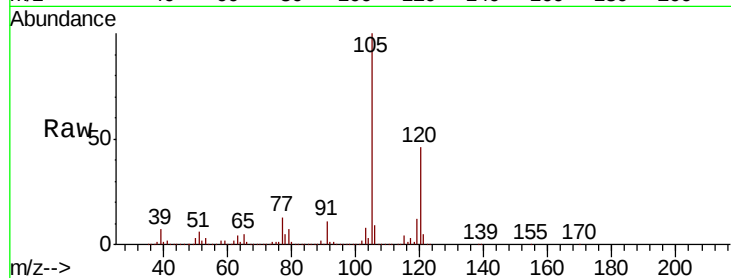
FL-0602

Tot Ion:105 Resp: 2778077

Ion Ratio Lower Upper

105 100

120 46.0 23.1 69.2



#85

sec-Butylbenzene

Concen: 12.542 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010864.D

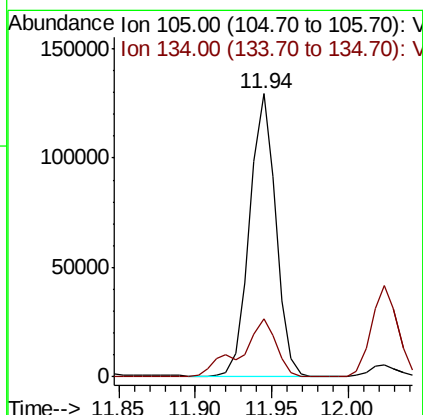
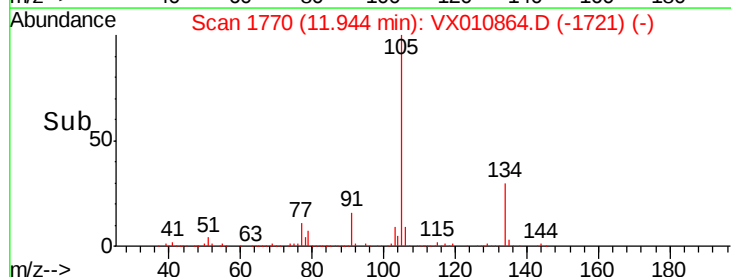
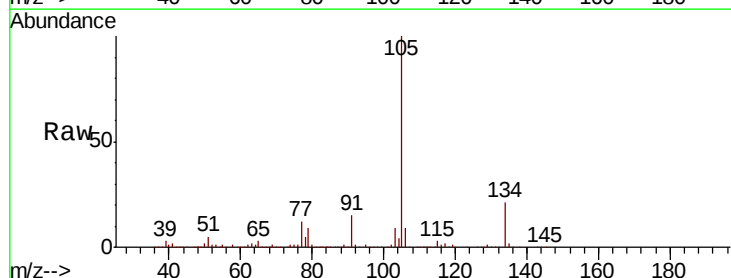
Acq: 13 Jul 2019 02:32

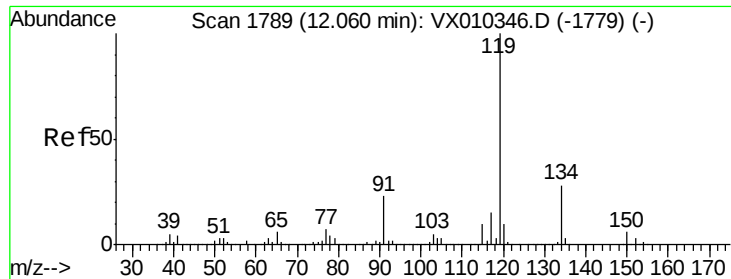
Tgt Ion:105 Resp: 152960

Ion Ratio Lower Upper

105 100

134 28.1 10.7 31.9

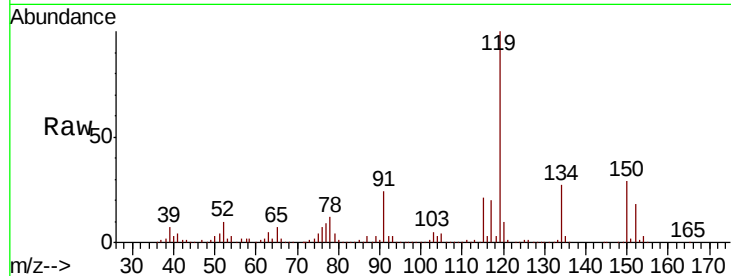




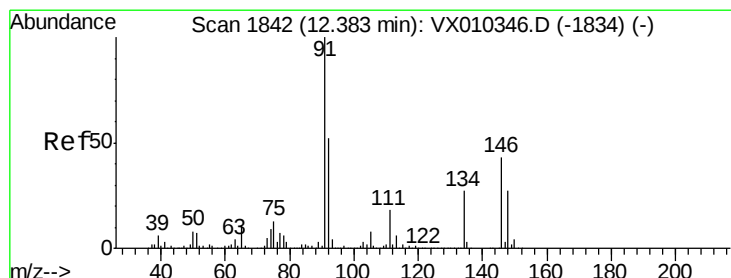
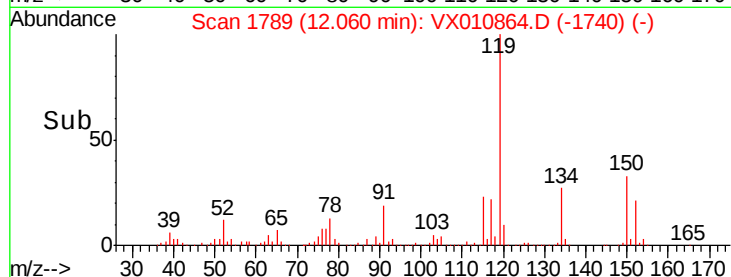
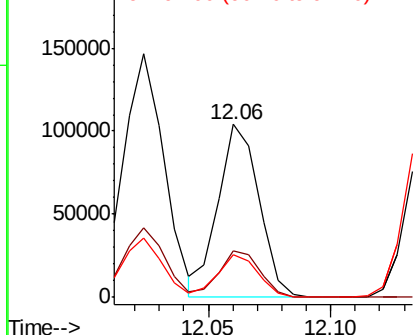
#86
p-Isopropyltoluene
Concen: 10.748 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX010864.D
Acq: 13 Jul 2019 02:32

Instrument :
MSVOA_X
ClientSampled :
FL-0602

Tot Ion:119 Resp: 121246
Ion Ratio Lower Upper
119 100
134 27.1 13.7 41.1
91 23.9 11.3 33.8

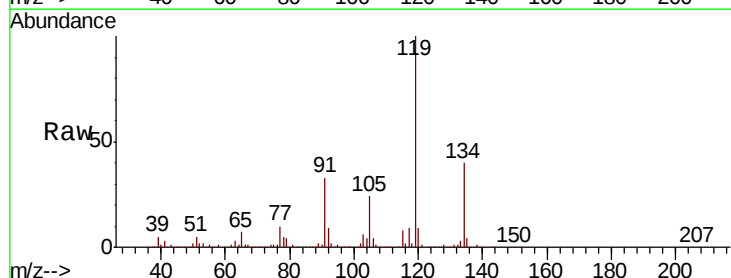


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V

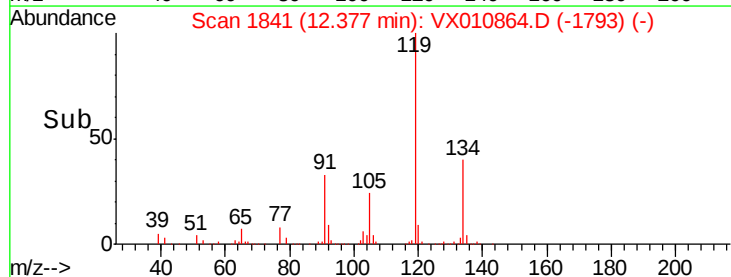
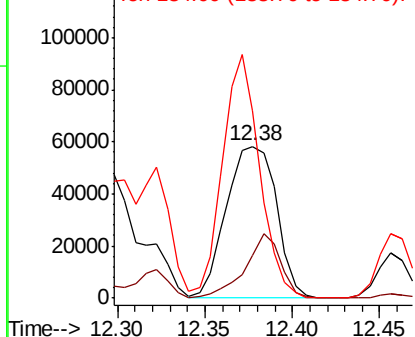


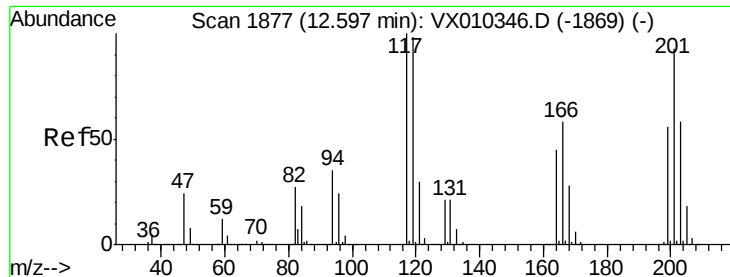
#89
n-Butylbenzene
Concen: 12.055 ug/l
RT: 12.38 min Scan# 1841
Delta R.T. -0.01 min
Lab File: VX010864.D
Acq: 13 Jul 2019 02:32

Tgt Ion: 91 Resp: 115556
Ion Ratio Lower Upper
91 100
92 30.2 26.2 78.5
134 118.8 14.1 42.4#



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0
Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 13.984 ug/l

RT: 12.58 min Scan# 1875

Delta R.T. -0.01 min

Lab File: VX010864.D

Acq: 13 Jul 2019 02:32

Instrument :

MSVOA_X

ClientSampleId :

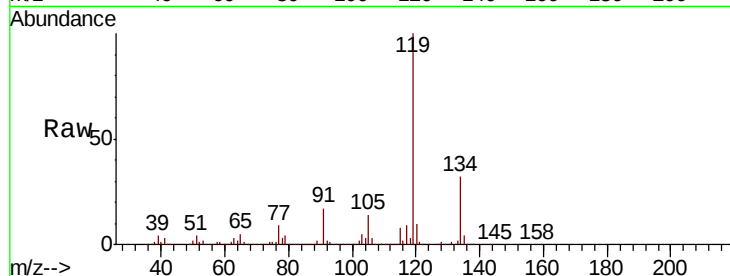
FL-0602

Tot Ion:117 Resp: 27277

Ion Ratio Lower Upper

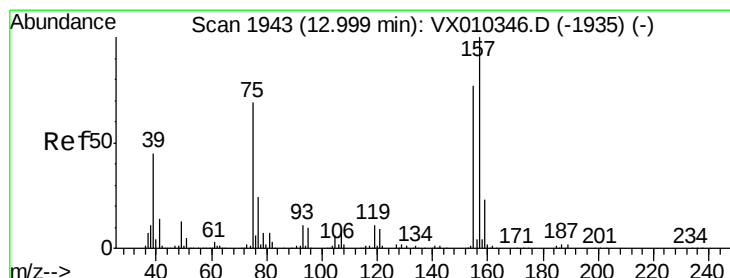
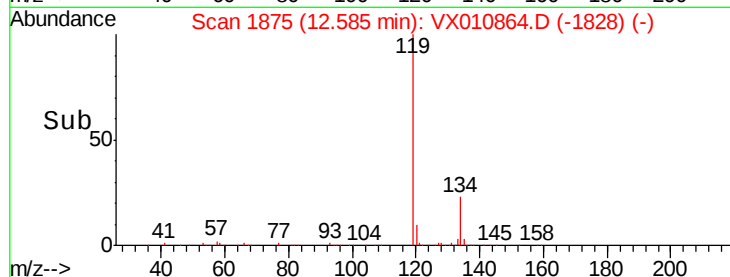
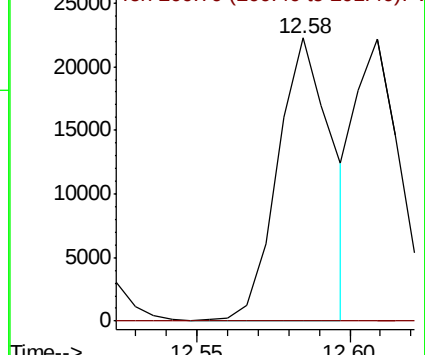
117 100

201 0.0 44.0 131.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.935 ug/l

RT: 13.02 min Scan# 1946

Delta R.T. 0.02 min

Lab File: VX010864.D

Acq: 13 Jul 2019 02:32

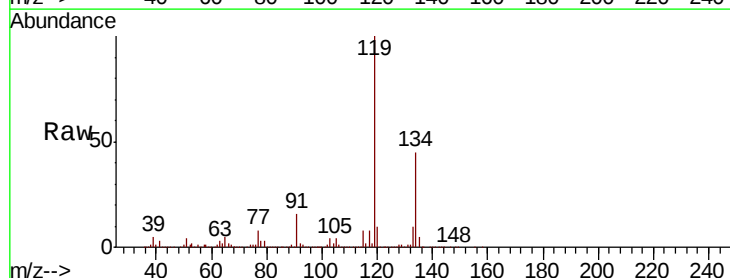
Tgt Ion: 75 Resp: 2631

Ion Ratio Lower Upper

75 100

155 1.8 54.4 163.1#

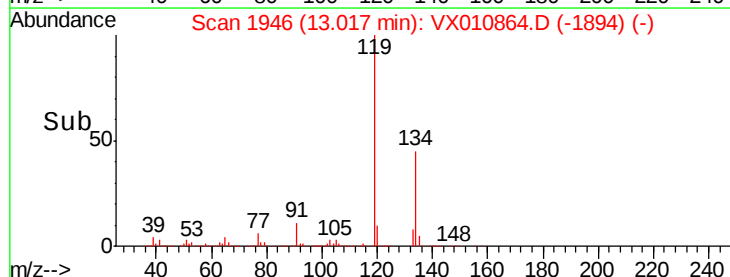
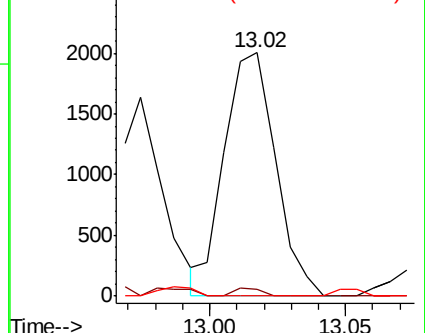
157 0.0 69.5 208.3#

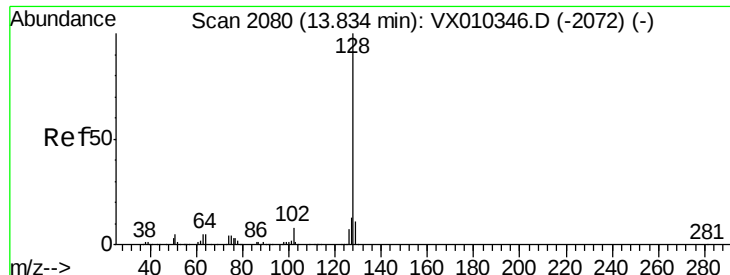


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95
Naphthalene
Concen: 28.856 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010864.D
Acq: 13 Jul 2019 02:32

Instrument :
MSVOA_X
ClientSampleId :
FL-0602

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.4
129	11.6	8.9	13.3

