

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072019\
 Data File : VX011001.D
 Acq On : 19 Jul 2019 14:41
 Operator : JC/SP
 Sample : K3884-15
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0613

Quant Time: Jul 20 01:01:09 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	224670	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	354783	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	330010	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	170186	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	119011	49.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.58%	
35) Dibromofluoromethane	5.50	113	109181	48.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.96%	
50) Toluene-d8	8.71	98	425903	50.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.86%	
62) 4-Bromofluorobenzene	11.13	95	159572	51.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	25	0.557	ug/l #	1
3) Chloromethane	1.33	50	468	0.227	ug/l #	37
5) Bromomethane	1.66	94	797	0.671	ug/l #	54
6) Chloroethane	1.60	64	1506	1.125	ug/l #	50
11) Tert butyl alcohol	3.02	59	2509	4.507	ug/l #	73
13) Acrolein	2.40	56	8913	27.714	ug/l #	82
14) Allyl chloride	2.84	41	25842	8.890	ug/l #	64
15) Acrylonitrile	3.18	53	7060	6.277	ug/l #	41
16) Acetone	2.40	43	23055	21.357	ug/l #	50
18) Methyl Acetate	2.85	43	63853	25.977	ug/l #	48
25) 2-Butanone	4.56	43	4028	2.599	ug/l #	46
31) Cyclohexane	5.59	56	462307	142.456	ug/l	99
36) 1,1-Dichloropropene	5.67	75	14963	5.134	ug/l #	48
38) Carbon Tetrachloride	5.67	117	20822	6.857	ug/l #	18
39) Methylcyclohexane	7.46	83	240841	63.728	ug/l	98
43) Isopropyl Acetate	6.46	43	3072	0.626	ug/l #	58
45) 1,2-Dichloropropane	7.47	63	2815	1.239	ug/l #	1
47) Bromodichloromethane	7.85	83	853	0.295	ug/l #	88
48) Methyl methacrylate	7.73	41	8867	3.710	ug/l #	54
49) 1,4-Dioxane	7.80	88	51	0.763	ug/l #	61
51) 4-Methyl-2-Pentanone	8.66	43	1875	0.589	ug/l #	45
52) Toluene	8.79	92	1671	0.285	ug/l	92
55) 1,1,2-Trichloroethane	9.16	97	14453	5.986	ug/l #	18
56) Ethyl methacrylate	9.16	69	2887	0.817	ug/l #	1
60) Dibromochloromethane	9.35	129	57	2.547	ug/l #	11
67) Ethyl Benzene	10.25	91	1243916	107.818	ug/l	100
68) m/p-Xylenes	10.36	106	790682	178.662	ug/l	100
69) o-Xylene	10.69	106	594218	137.578	ug/l	98
70) Styrene	10.69	104	29007	4.029	ug/l #	1
73) Isopropylbenzene	11.02	105	289248	25.153	ug/l	100
76) 1,2,3-Trichloropropane	11.43	75	4751	1.547	ug/l #	1
78) n-propylbenzene	11.36	91	171645	13.509	ug/l	99
79) 2-Chlorotoluene	11.43	91	66408	8.700	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.51	105	255612	26.601	ug/l	100

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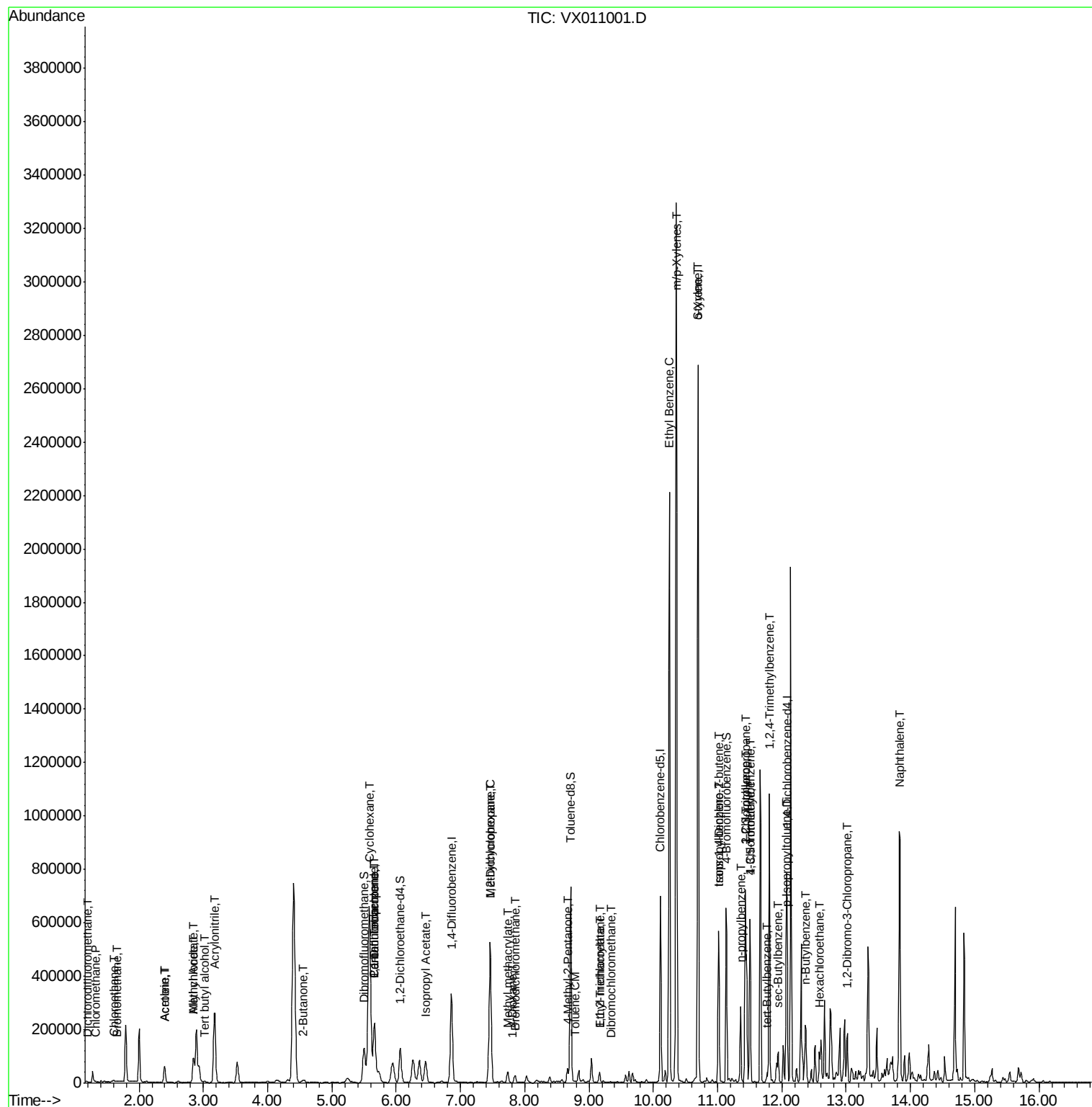
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) trans-1,4-Dichloro-2-buten	11.01	75	3570	6.690	ug/l #	70
82) 4-Chlorotoluene	11.51	91	27438	3.089	ug/l #	43
83) tert-Butylbenzene	11.77	119	14279	1.513	ug/l	95
84) 1,2,4-Trimethylbenzene	11.80	105	453683	46.845	ug/l	99
85) sec-Butylbenzene	11.94	105	59379	5.369	ug/l	94
86) p-Isopropyltoluene	12.06	119	32518	3.180	ug/l	99
89) n-Butylbenzene	12.38	91	32210	3.682	ug/l #	28
90) Hexachloroethane	12.58	117	5079	3.149	ug/l #	6
92) 1,2-Dibromo-3-Chloropropan	13.02	75	730	0.928	ug/l #	1
95) Naphthalene	13.83	128	605004	55.415	ug/l	99

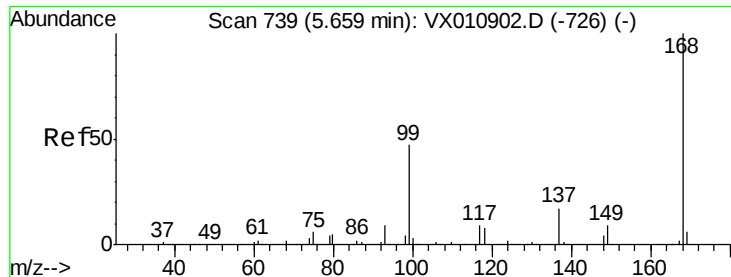
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX011001.D

Acq: 19 Jul 2019 14:41

Instrument :

MSVOA_X

ClientSampled :

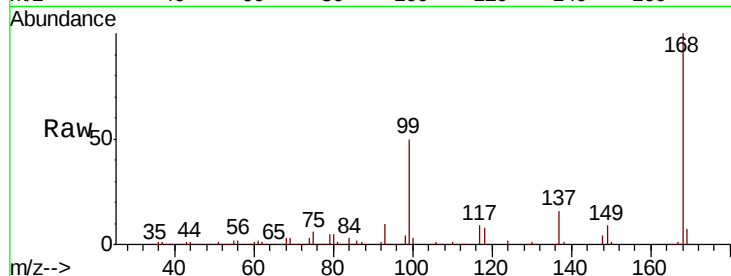
FL-0613

Tot Ion:168 Resp: 224670

Ion Ratio Lower Upper

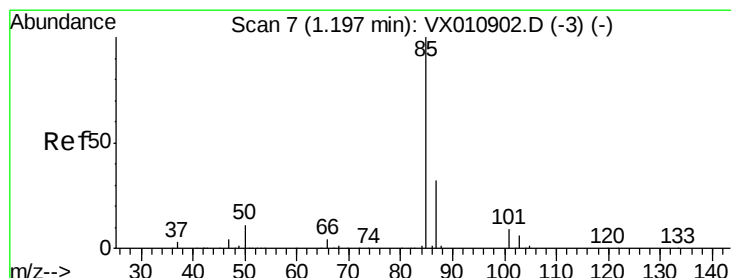
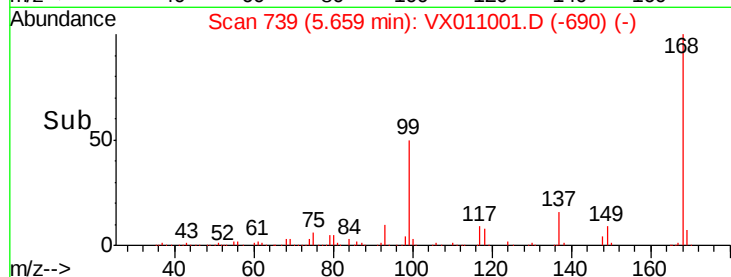
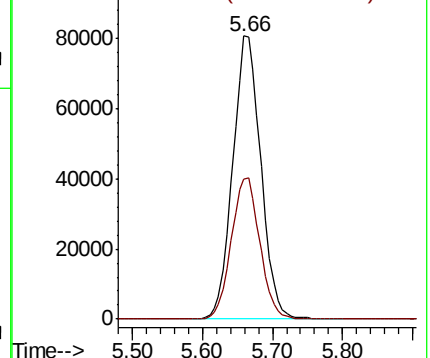
168 100

99 49.5 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: 0.557 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX011001.D

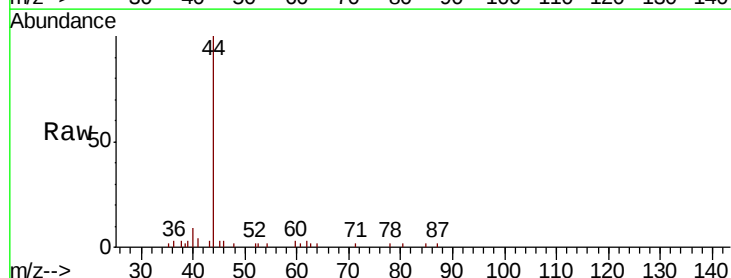
Acq: 19 Jul 2019 14:41

Tgt Ion: 85 Resp: 25

Ion Ratio Lower Upper

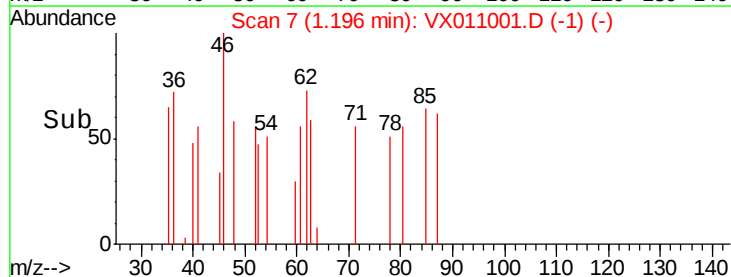
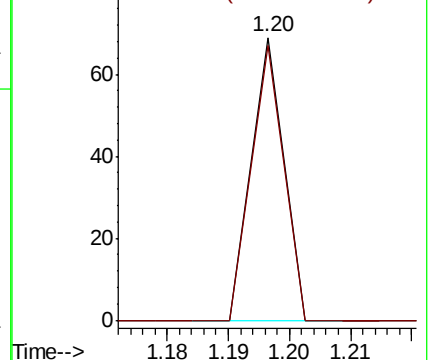
85 100

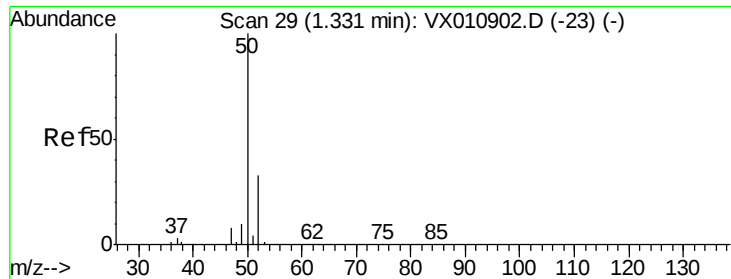
87 97.1 15.9 47.7#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 0.227 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX011001.D

Acq: 19 Jul 2019 14:41

Instrument :

MSVOA_X

ClientSampleId :

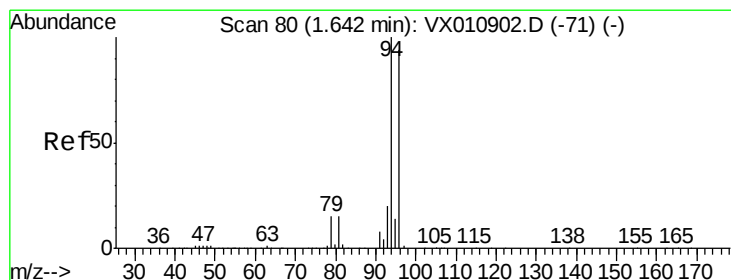
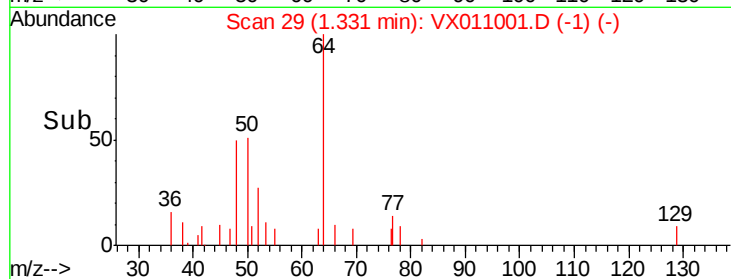
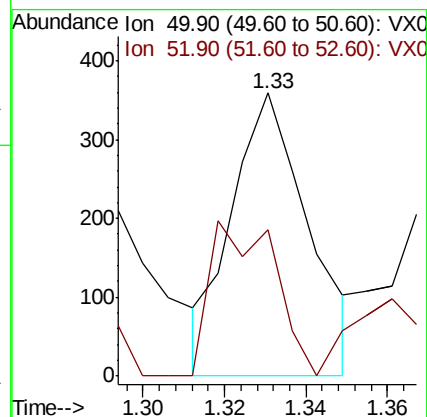
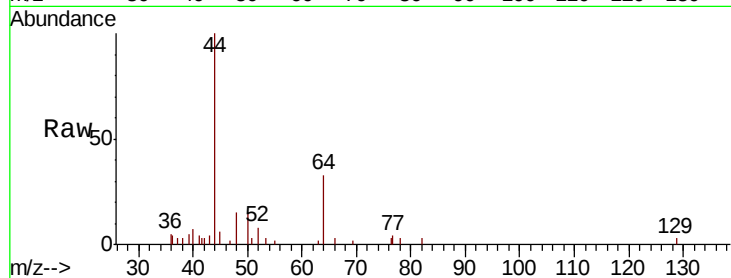
FL-0613

Tot Ion: 50 Resp: 468

Ion Ratio Lower Upper

50 100

52 68.4 26.4 39.6#



#5

Bromomethane

Concen: 0.671 ug/l

RT: 1.66 min Scan# 83

Delta R.T. 0.02 min

Lab File: VX011001.D

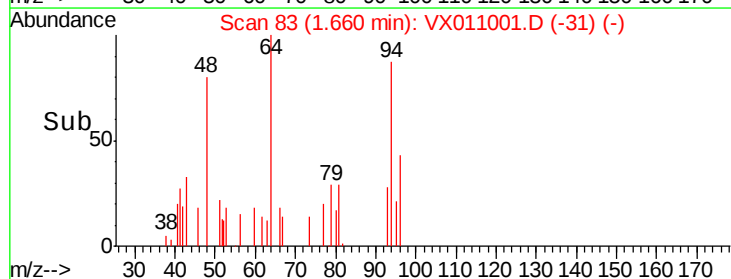
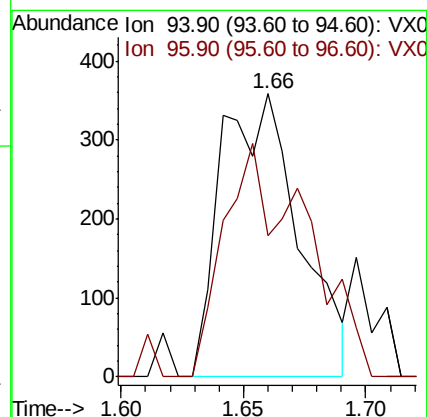
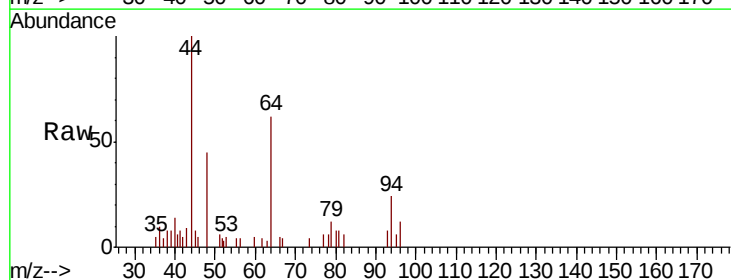
Acq: 19 Jul 2019 14:41

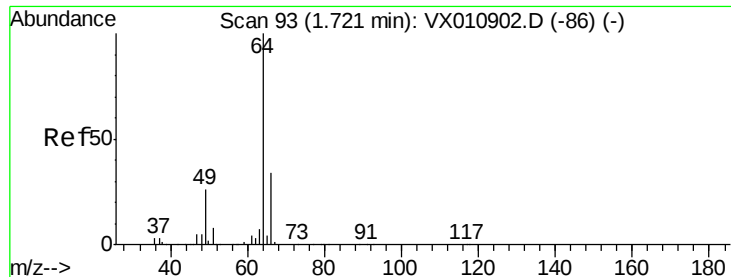
Tgt Ion: 94 Resp: 797

Ion Ratio Lower Upper

94 100

96 49.7 75.6 113.4#





#6

Chloroethane

Concen: 1.125 ug/l

RT: 1.60 min Scan# 74

Delta R.T. -0.12 min

Lab File: VX011001.D

Acq: 19 Jul 2019 14:41

Instrument :

MSVOA_X

ClientSampled :

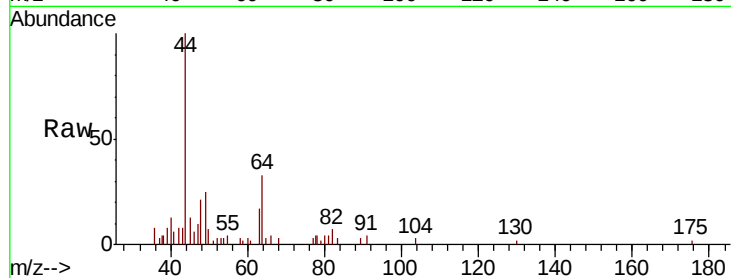
FL-0613

Tot Ion: 64 Resp: 1506

Ion Ratio Lower Upper

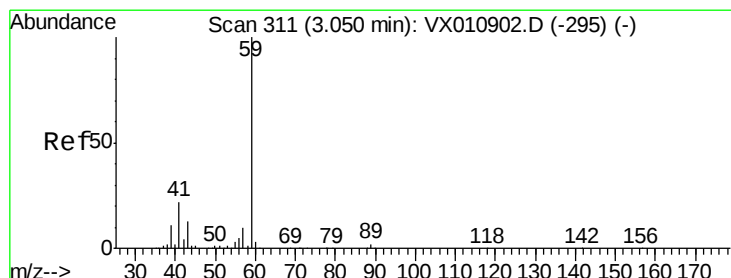
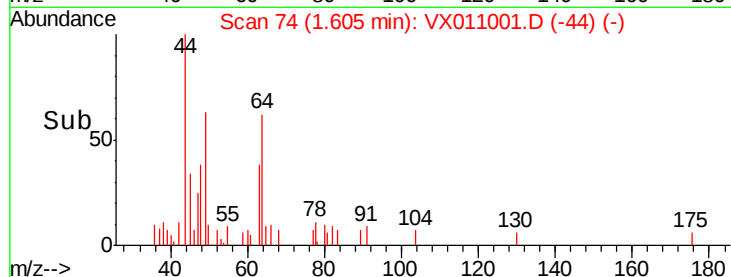
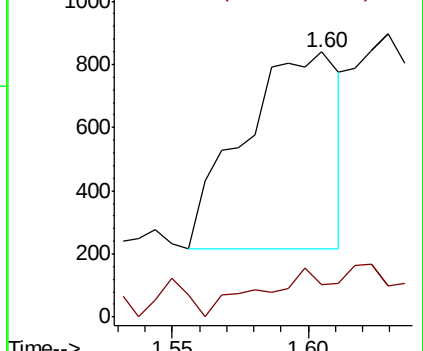
64 100

66 5.3 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: 4.507 ug/l

RT: 3.02 min Scan# 306

Delta R.T. -0.03 min

Lab File: VX011001.D

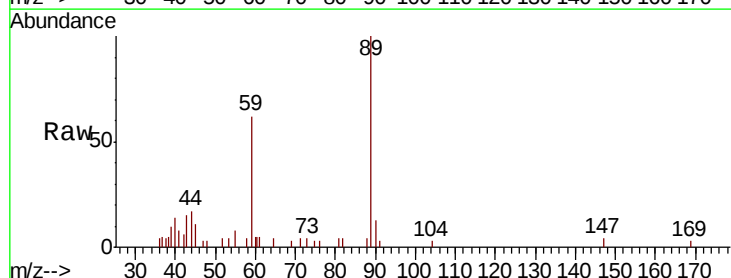
Acq: 19 Jul 2019 14:41

Tgt Ion: 59 Resp: 2509

Ion Ratio Lower Upper

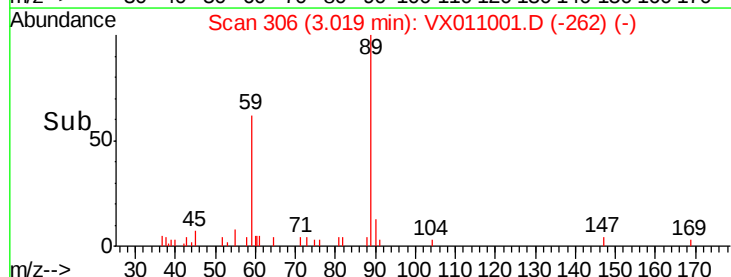
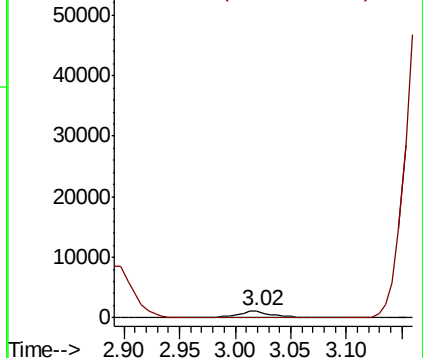
59 100

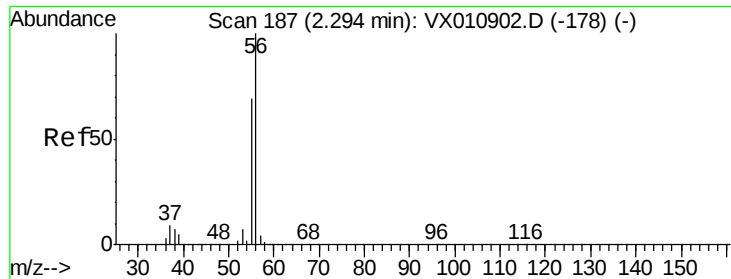
57 0.0 7.9 11.9#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: 27.714 ug/l

RT: 2.40 min Scan# 204

Delta R.T. 0.10 min

Lab File: VX011001.D

Acq: 19 Jul 2019 14:41

Instrument :

MSVOA_X

ClientSampleId :

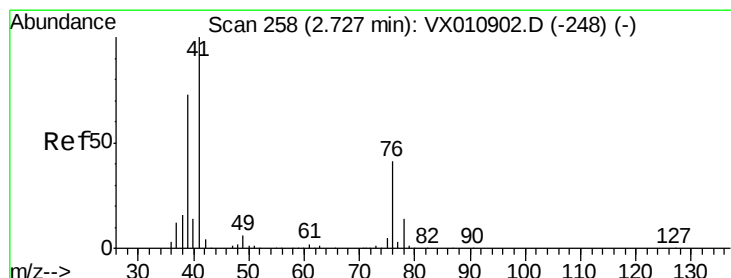
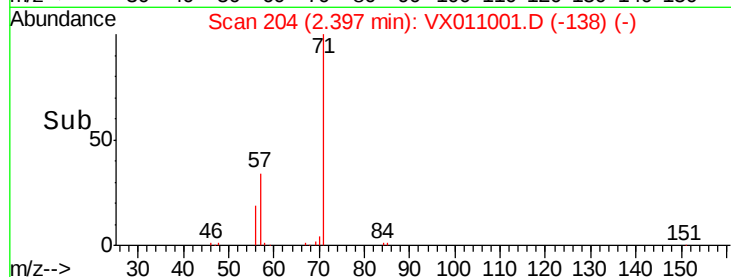
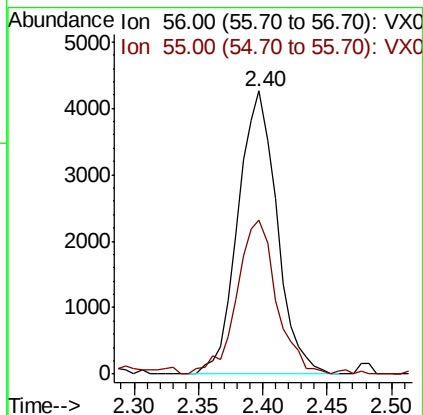
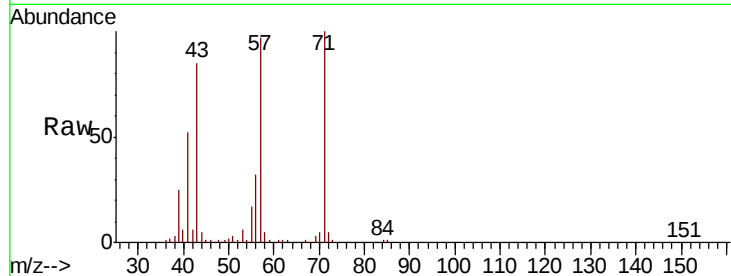
FL-0613

Tot Ion: 56 Resp: 8913

Ion Ratio Lower Upper

56 100

55 55.3 55.9 83.9#



#14

Allyl chloride

Concen: 8.890 ug/l

RT: 2.84 min Scan# 277

Delta R.T. 0.12 min

Lab File: VX011001.D

Acq: 19 Jul 2019 14:41

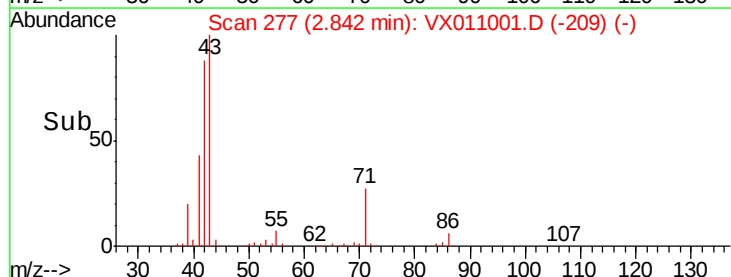
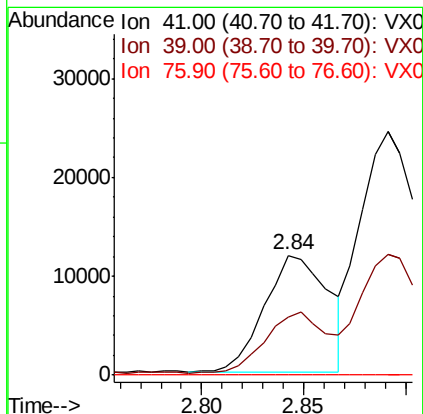
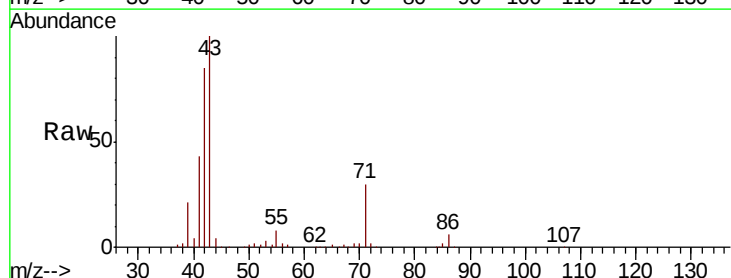
Tgt Ion: 41 Resp: 25842

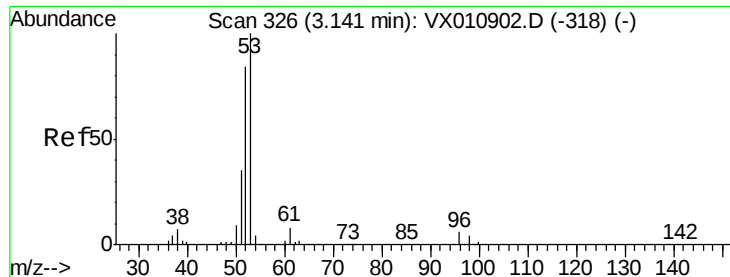
Ion Ratio Lower Upper

41 100

39 50.1 53.6 80.4#

76 0.0 29.7 44.5#





#15

Acrylonitrile

Concen: 6.277 ug/l

RT: 3.18 min Scan# 332

Delta R.T. 0.04 min

Lab File: VX011001.D

Acq: 19 Jul 2019 14:41

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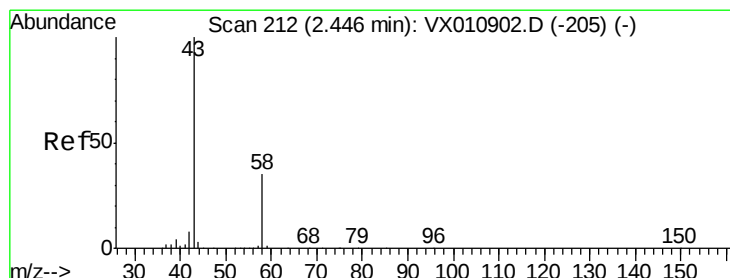
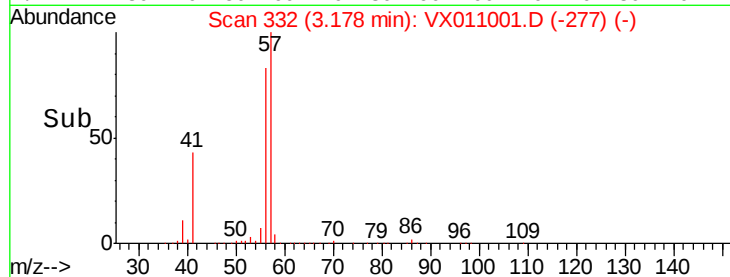
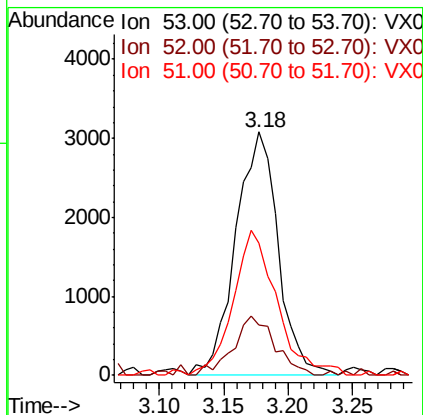
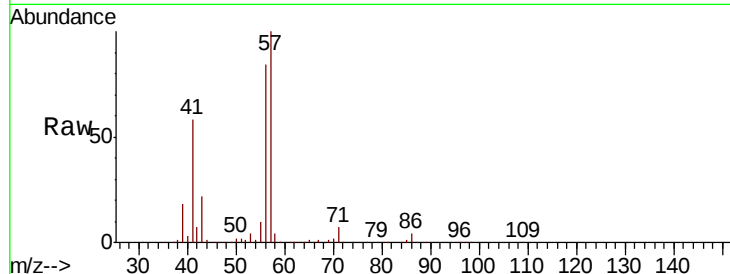
Tot Ion: 53 Resp: 7060

Ion Ratio Lower Upper

53 100

52 23.9 66.5 99.7#

51 61.1 28.2 42.4#



#16

Acetone

Concen: 21.357 ug/l

RT: 2.40 min Scan# 204

Delta R.T. -0.05 min

Lab File: VX011001.D

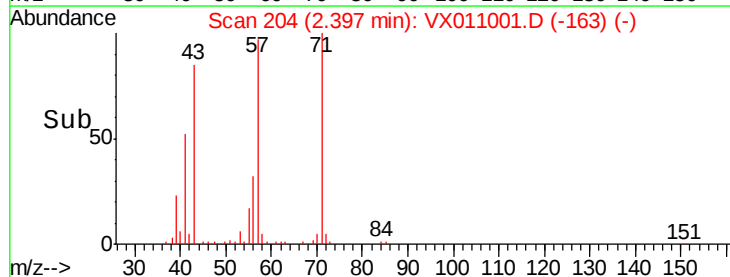
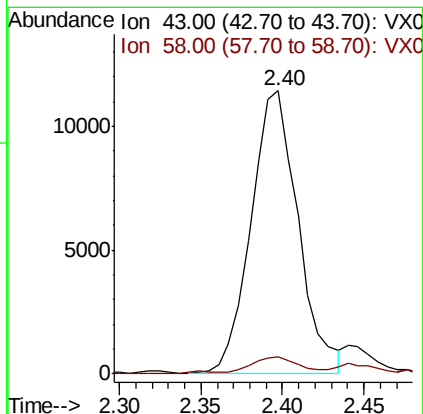
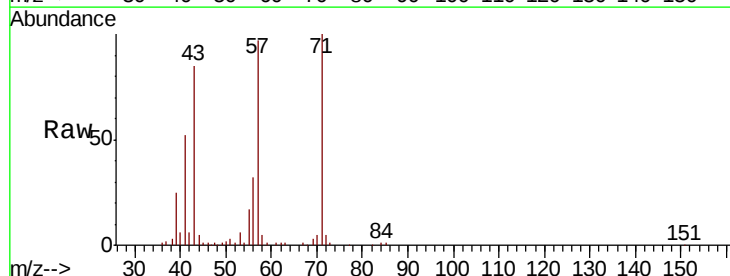
Acq: 19 Jul 2019 14:41

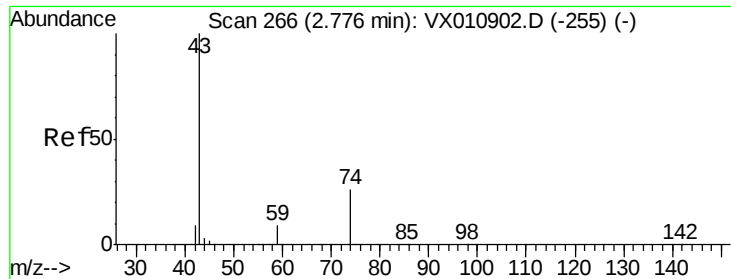
Tgt Ion: 43 Resp: 23055

Ion Ratio Lower Upper

43 100

58 5.6 27.7 41.5#

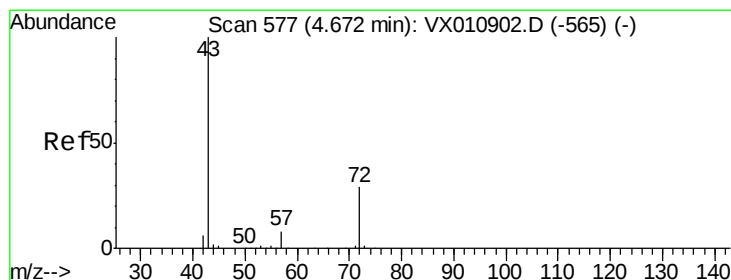
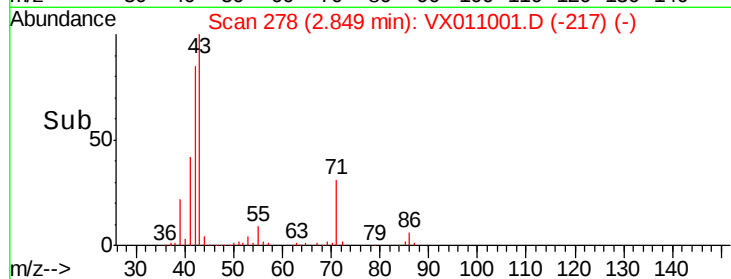
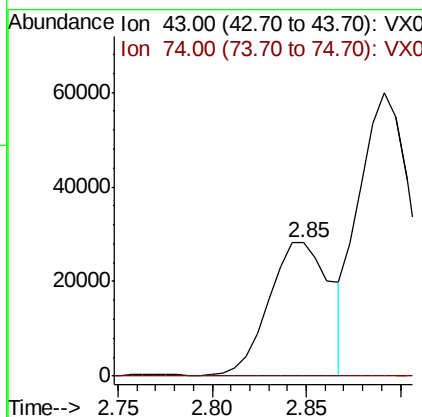
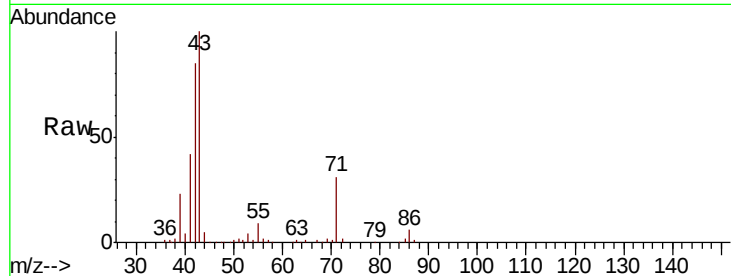




#18
Methvl Acetate
Concen: 25.977 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.07 min
Lab File: VX011001.D
Acq: 19 Jul 2019 14:41

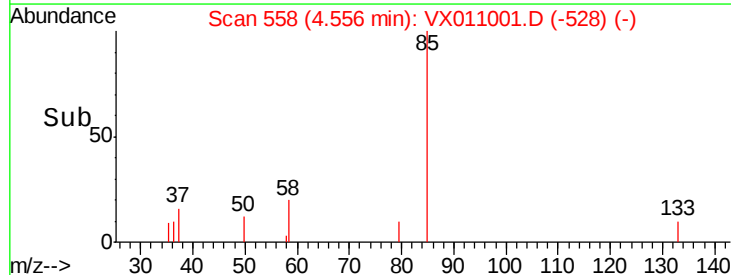
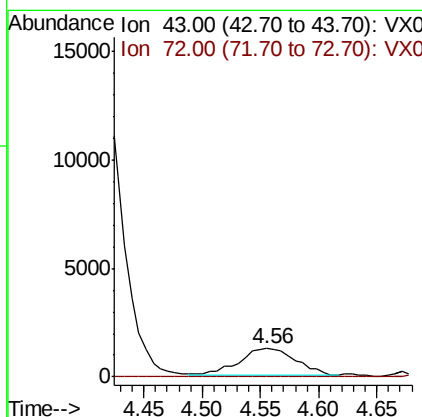
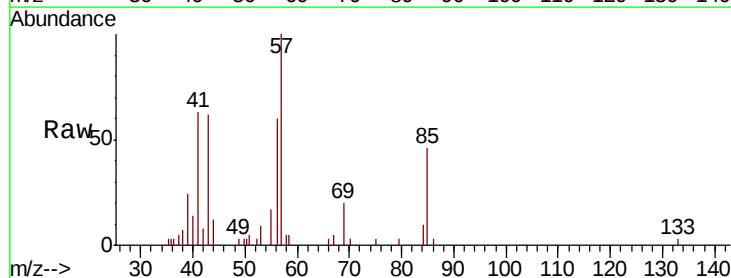
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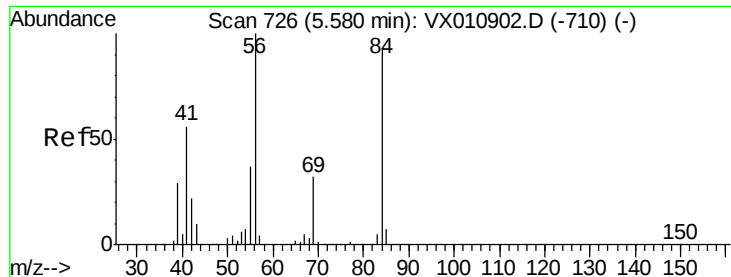
Tot Ion: 43 Resp: 63853
Ion Ratio Lower Upper
43 100
74 0.0 21.5 32.3#



#25
2-Butanone
Concen: 2.599 ug/l
RT: 4.56 min Scan# 558
Delta R.T. -0.12 min
Lab File: VX011001.D
Acq: 19 Jul 2019 14:41

Tgt Ion: 43 Resp: 4028
Ion Ratio Lower Upper
43 100
72 0.0 23.0 34.6#





#31

Cyclohexane

Concen: 142.456 ug/l

RT: 5.59 min Scan# 727

Delta R.T. 0.01 min

Lab File: VX011001.D

Acq: 19 Jul 2019 14:41

Instrument :

MSVOA_X

ClientSampleId :

FL-0613

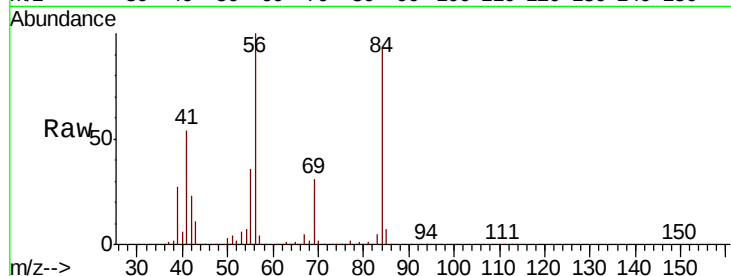
Tot Ion: 56 Resp: 462307

Ion Ratio Lower Upper

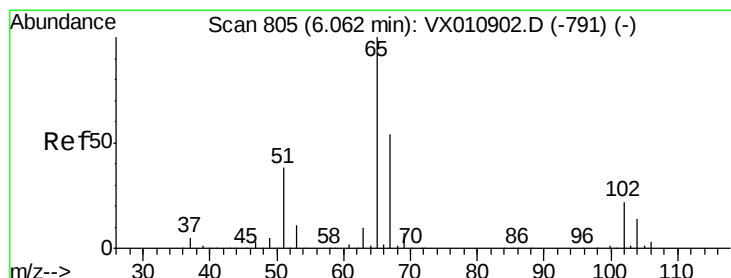
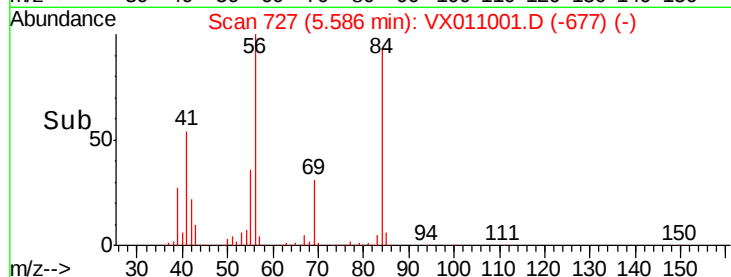
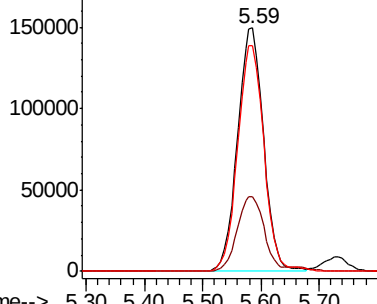
56 100

69 30.6 25.8 38.8

84 92.9 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: 49.792 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX011001.D

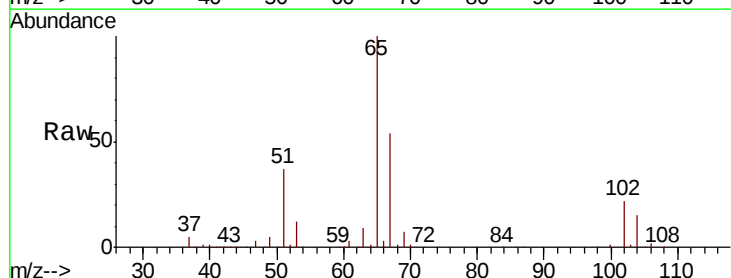
Acq: 19 Jul 2019 14:41

Tgt Ion: 65 Resp: 119011

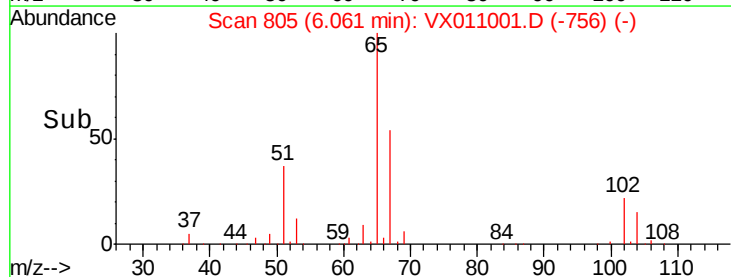
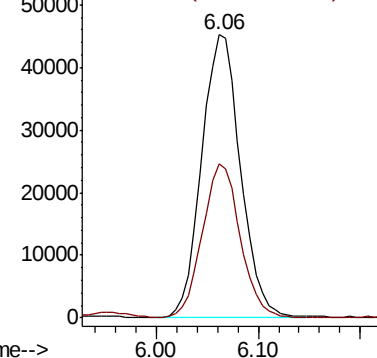
Ion Ratio Lower Upper

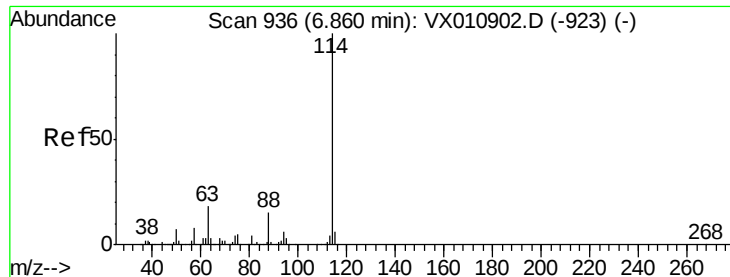
65 100

67 52.5 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: VX011001.D

Acq: 19 Jul 2019 14:41

Instrument :

MSVOA_X

ClientSampleId :

FL-0613

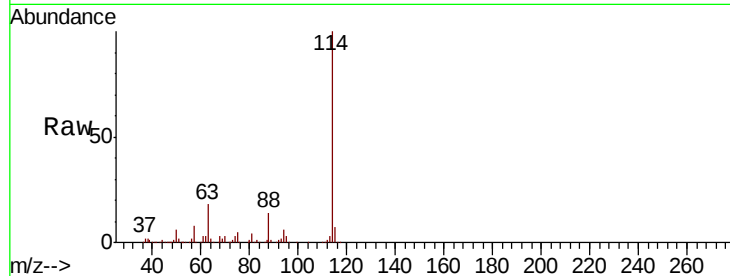
Tot Ion:114 Resp: 354783

Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.6

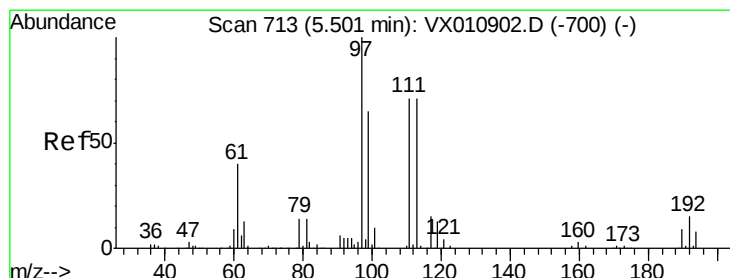
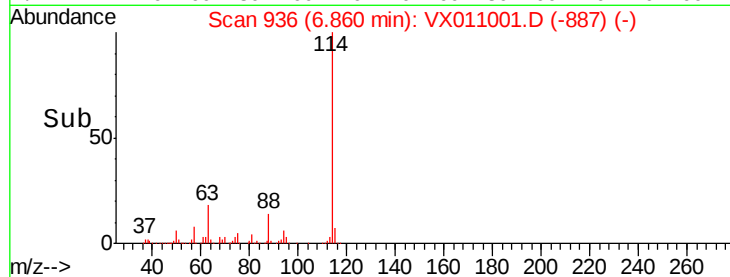
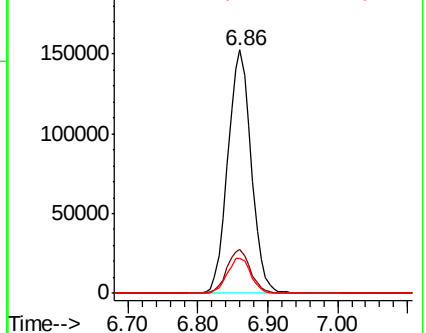
88 14.4 0.0 29.8



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: 48.484 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX011001.D

Acq: 19 Jul 2019 14:41

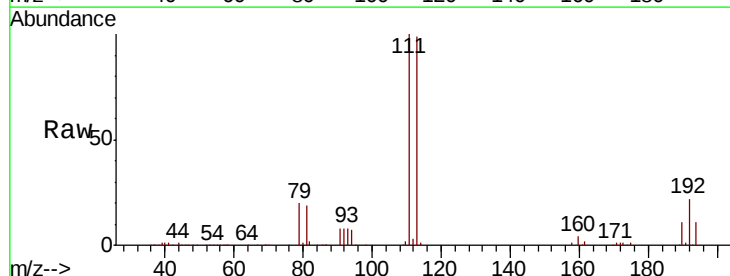
Tgt Ion:113 Resp: 109181

Ion Ratio Lower Upper

113 100

111 101.2 82.3 123.5

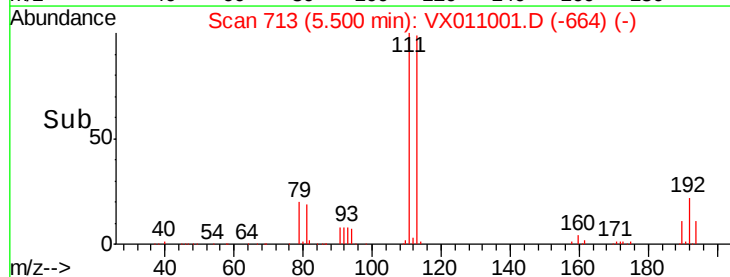
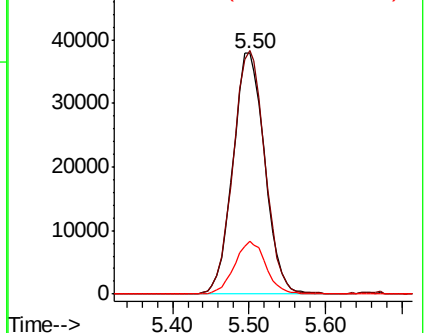
192 21.5 17.4 26.2

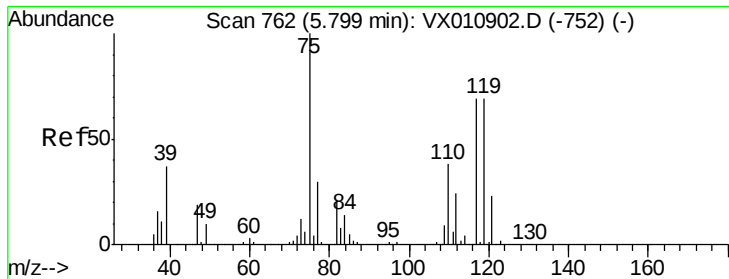


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.134 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX011001.D

Acq: 19 Jul 2019 14:41

Instrument :

MSVOA_X

ClientSampled :

FL-0613

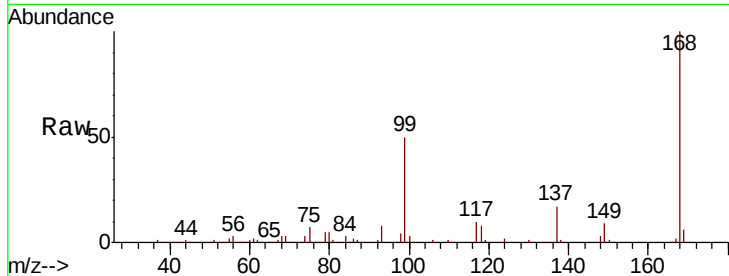
Tot Ion: 75 Resp: 14963

Ion Ratio Lower Upper

75 100

110 10.1 19.9 59.7#

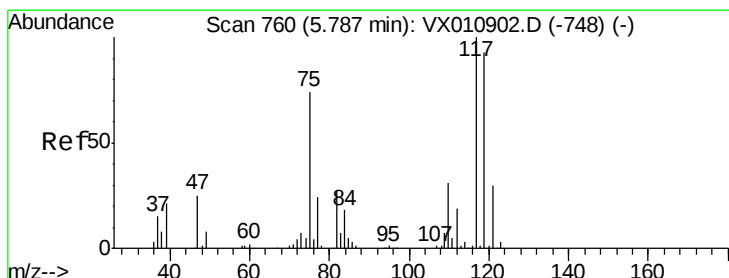
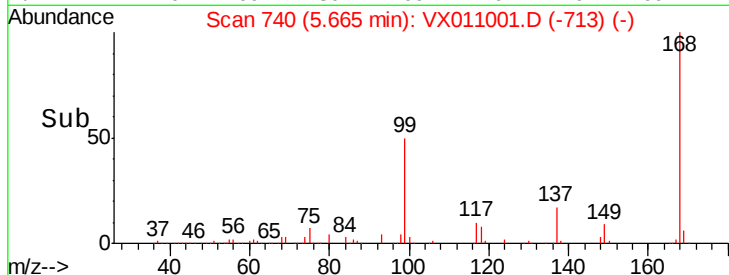
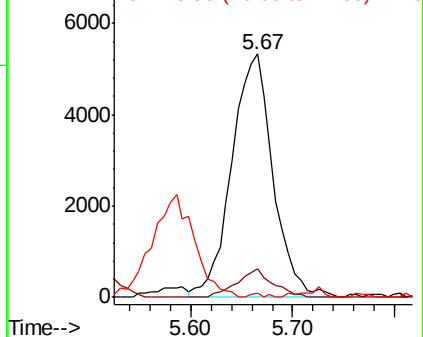
77 0.0 25.0 37.4#



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: 6.857 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX011001.D

Acq: 19 Jul 2019 14:41

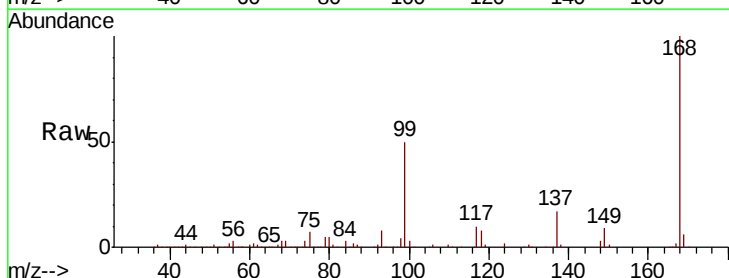
Tgt Ion: 117 Resp: 20822

Ion Ratio Lower Upper

117 100

119 5.4 74.2 111.2#

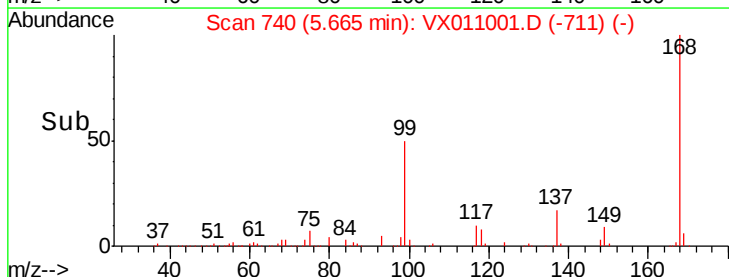
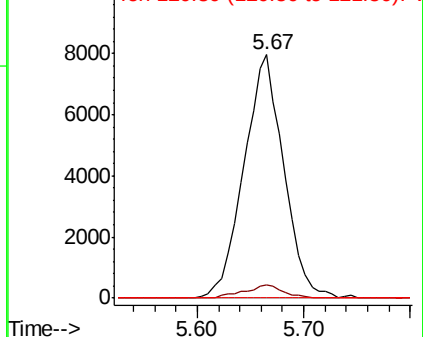
121 0.0 24.2 36.2#

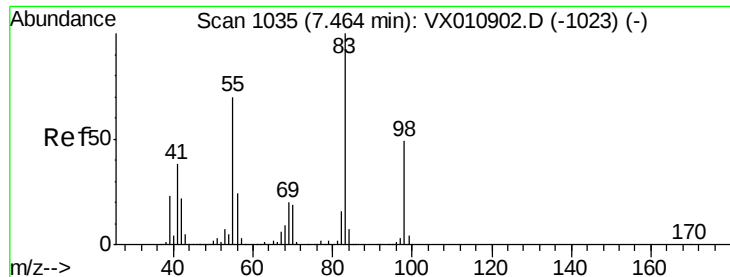


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

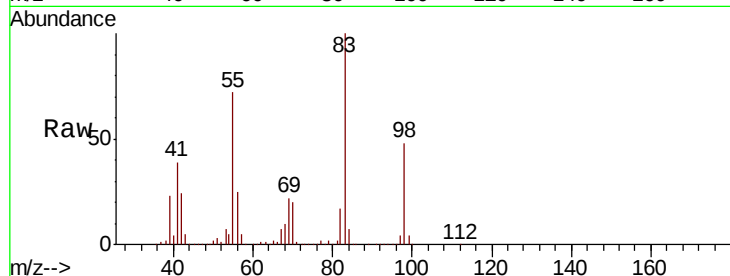




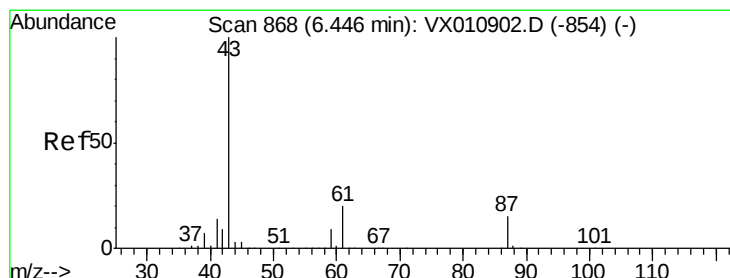
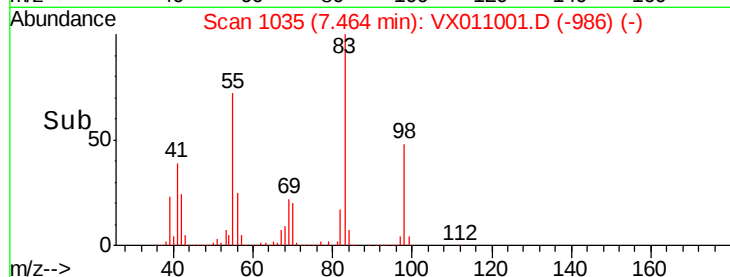
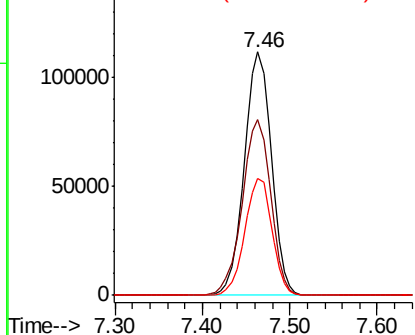
#39
Methvlcvclohexane
Concen: 63.728 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX011001.D
Acq: 19 Jul 2019 14:41

Instrument :
MSVOA_X
ClientSampled :
FL-0613

Tot Ion: 83 Resp: 240841
Ion Ratio Lower Upper
83 100
55 72.1 56.2 84.4
98 48.1 39.0 58.4

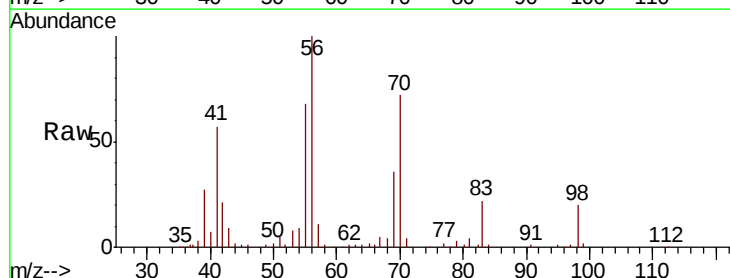


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

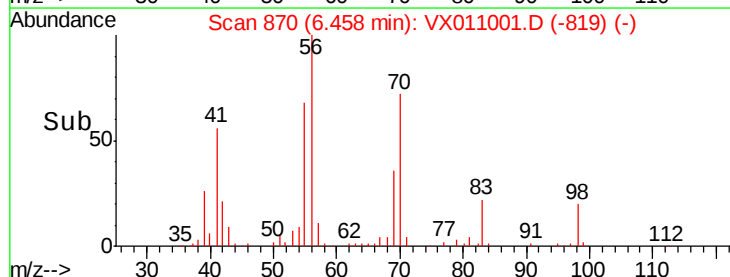
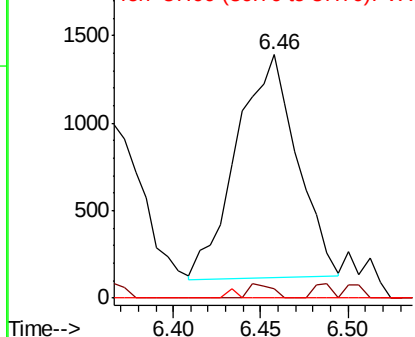


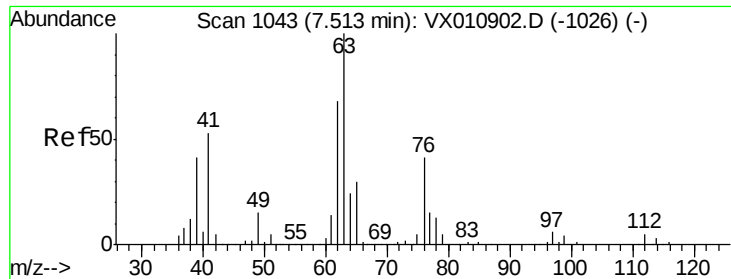
#43
Isopropyl Acetate
Concen: 0.626 ug/l
RT: 6.46 min Scan# 870
Delta R.T. 0.01 min
Lab File: VX011001.D
Acq: 19 Jul 2019 14:41

Tgt Ion: 43 Resp: 3072
Ion Ratio Lower Upper
43 100
61 0.0 17.1 25.7#
87 0.0 12.0 18.0#



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: 1.239 ug/l

RT: 7.47 min Scan# 1036

Delta R.T. -0.04 min

Lab File: VX011001.D

Acq: 19 Jul 2019 14:41

Instrument :

MSVOA_X

ClientSampleId :

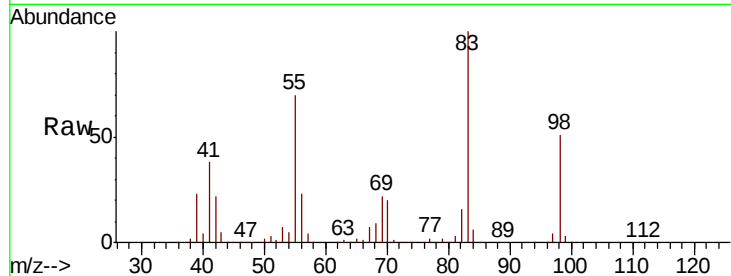
FL-0613

Tot Ion: 63 Resp: 2815

Ion Ratio Lower Upper

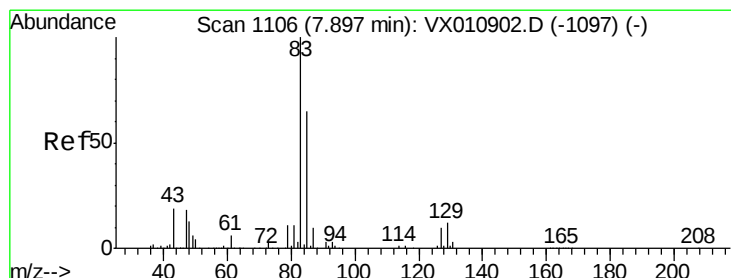
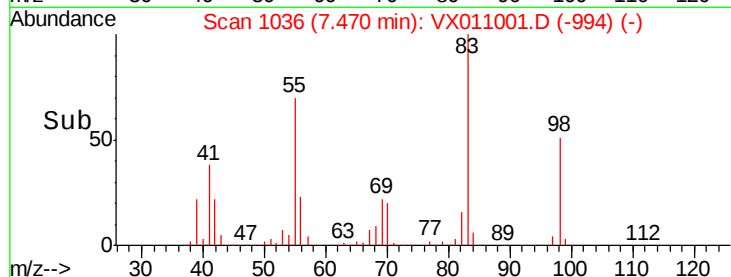
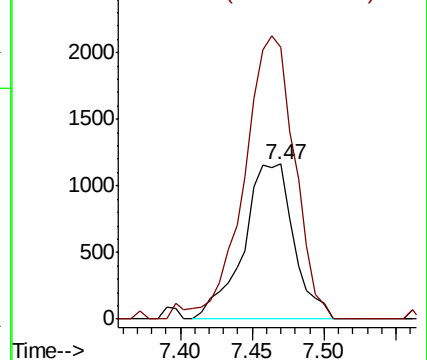
63 100

65 175.9 24.4 36.6#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#47

Bromodichloromethane

Concen: 0.295 ug/l

RT: 7.85 min Scan# 1098

Delta R.T. -0.05 min

Lab File: VX011001.D

Acq: 19 Jul 2019 14:41

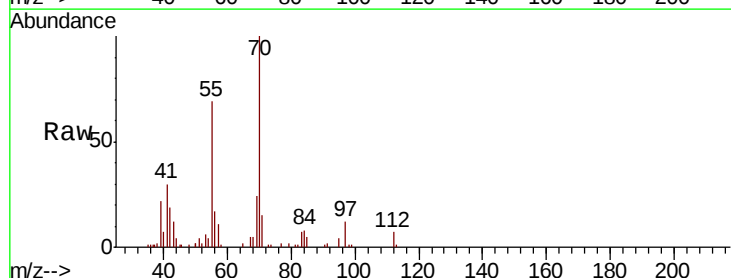
Tgt Ion: 83 Resp: 853

Ion Ratio Lower Upper

83 100

85 57.9 52.5 78.7

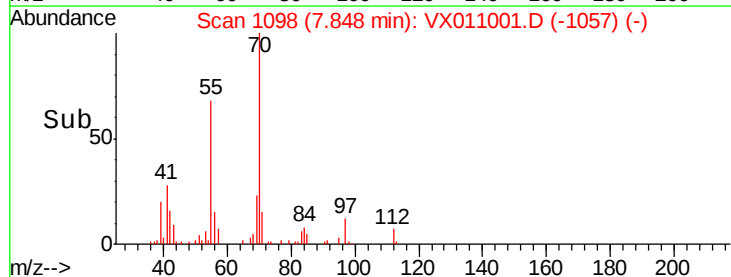
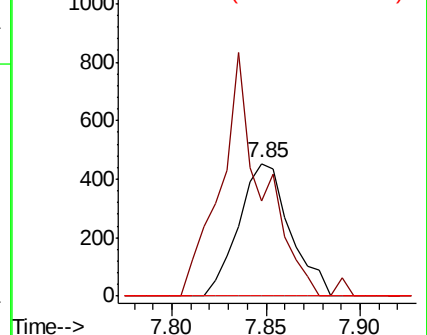
127 0.0 7.8 11.8#

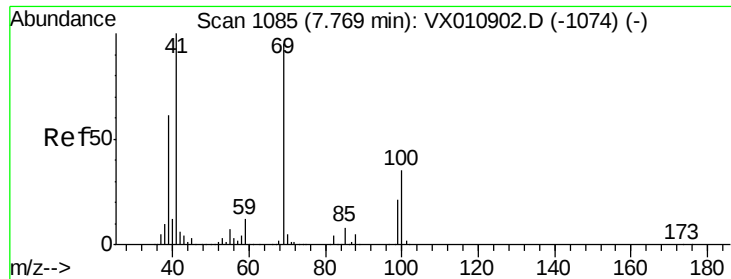


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V

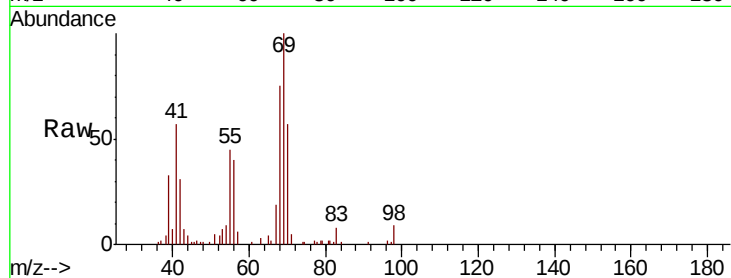




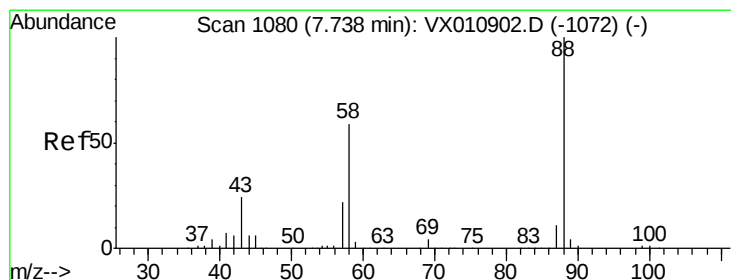
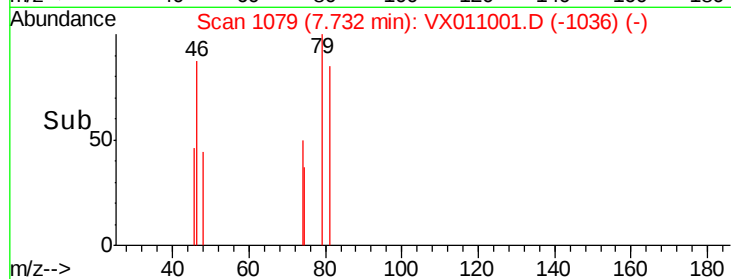
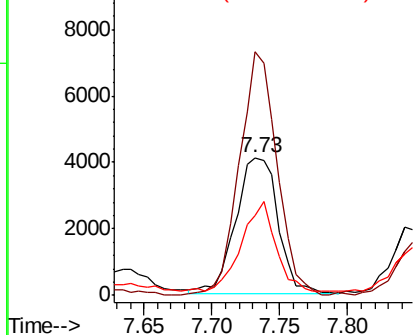
#48
Methvl methacrylate
Concen: 3.710 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. -0.04 min
Lab File: VX011001.D
Acq: 19 Jul 2019 14:41

Instrument :
MSVOA_X
ClientSampled :
FL-0613

Tot Ion: 41 Resp: 8867
Ion Ratio Lower Upper
41 100
69 159.9 74.4 111.6#
39 54.2 48.9 73.3

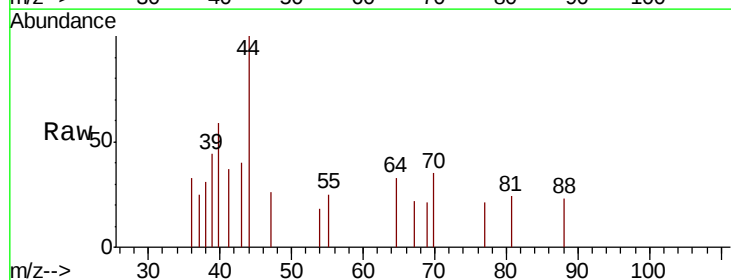


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

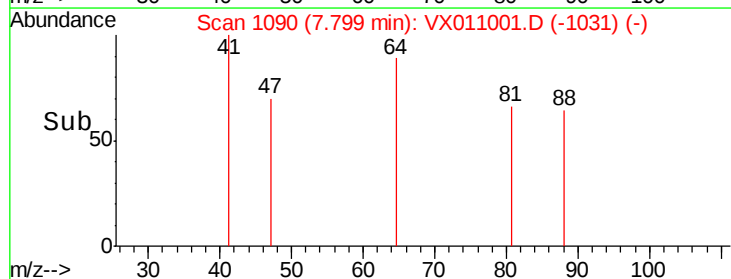
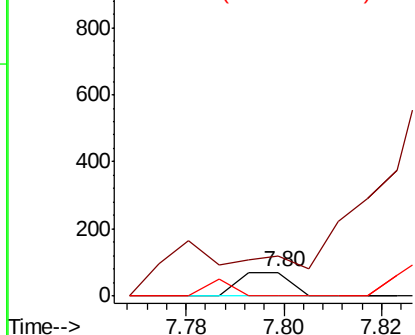


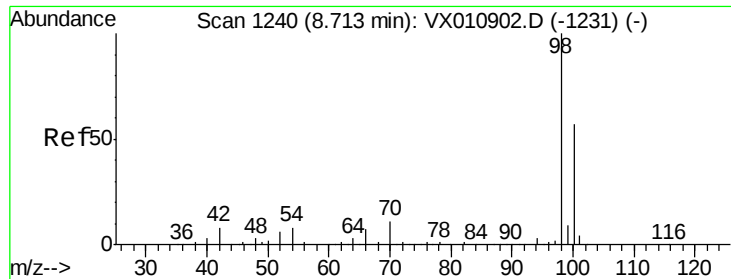
#49
1,4-Dioxane
Concen: 0.763 ug/l
RT: 7.80 min Scan# 1090
Delta R.T. 0.06 min
Lab File: VX011001.D
Acq: 19 Jul 2019 14:41

Tgt Ion: 88 Resp: 51
Ion Ratio Lower Upper
88 100
43 0.0 22.9 34.3#
58 37.3 49.8 74.8#



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

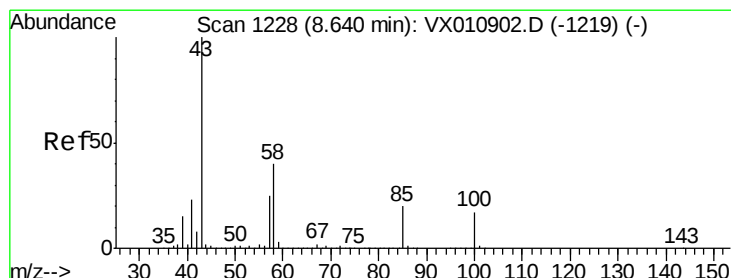
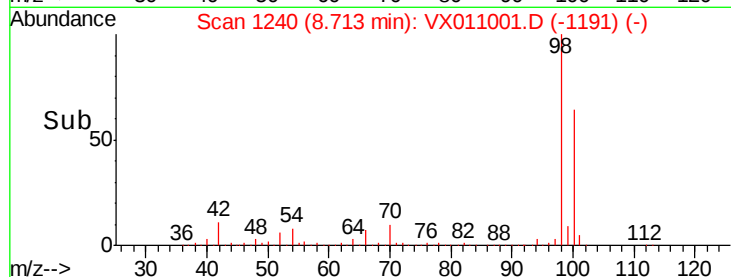
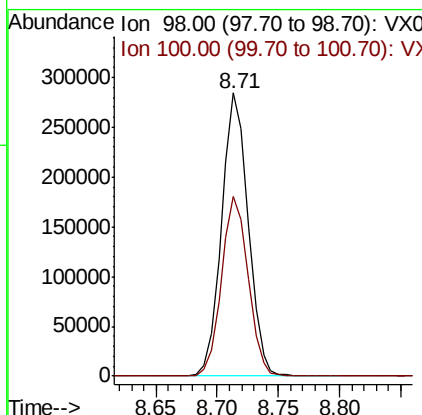
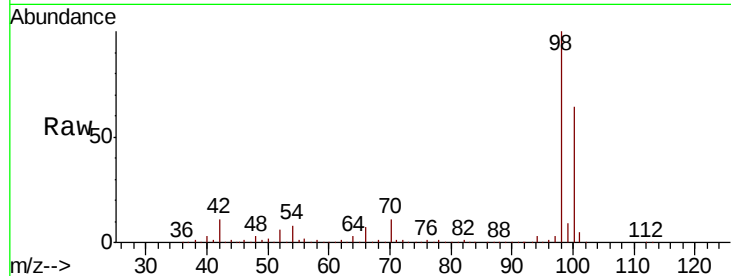




#50
Toluene-d8
Concen: 50.427 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011001.D
Acq: 19 Jul 2019 14:41

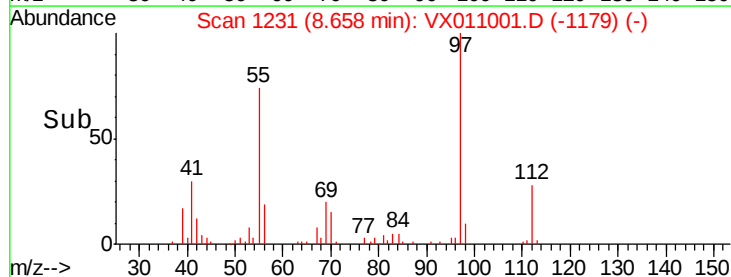
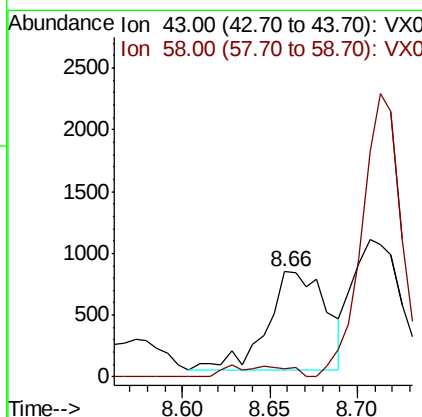
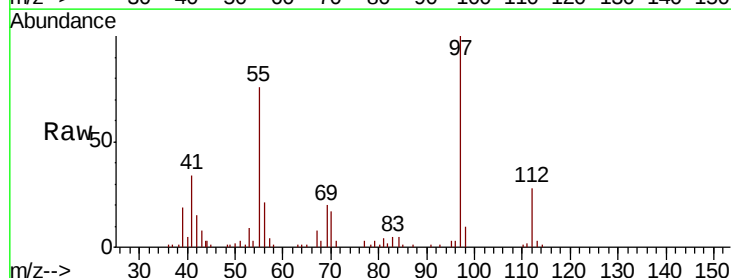
Instrument :
MSVOA_X
ClientSampled :
FL-0613

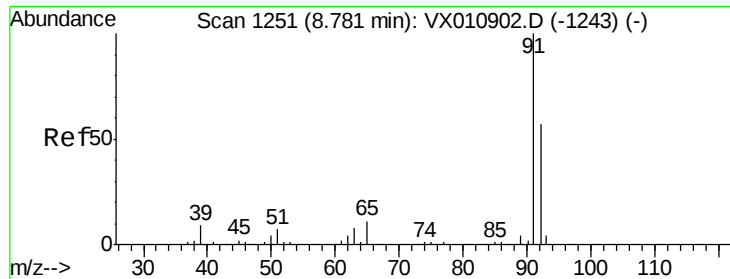
Tot Ion: 98 Resp: 425903
Ion Ratio Lower Upper
98 100
100 64.1 50.6 75.8



#51
4-Methyl-2-Pentanone
Concen: 0.589 ug/l
RT: 8.66 min Scan# 1231
Delta R.T. 0.02 min
Lab File: VX011001.D
Acq: 19 Jul 2019 14:41

Tgt Ion: 43 Resp: 1875
Ion Ratio Lower Upper
43 100
58 5.9 32.2 48.4#





#52

Toluene

Concen: 0.285 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX011001.D

Acq: 19 Jul 2019 14:41

Instrument :

MSVOA_X

ClientSampled :

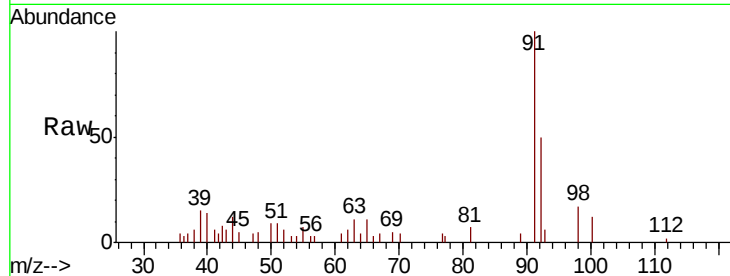
FL-0613

Tot Ion: 92 Resp: 1671

Ion Ratio Lower Upper

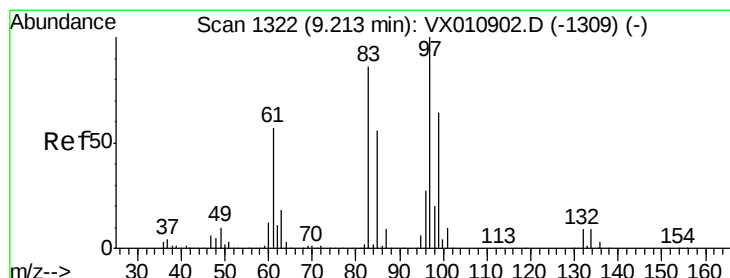
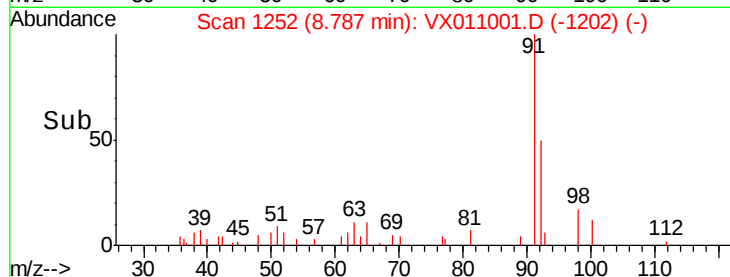
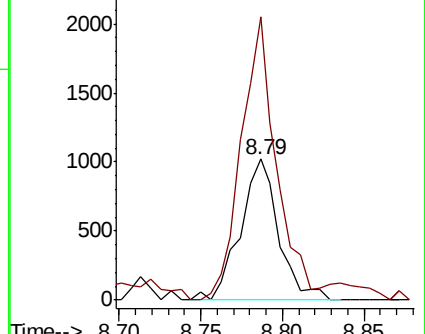
92 100

91 184.9 139.4 209.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#55

1,1,2-Trichloroethane

Concen: 5.986 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX011001.D

Acq: 19 Jul 2019 14:41

Tgt Ion: 97 Resp: 14453

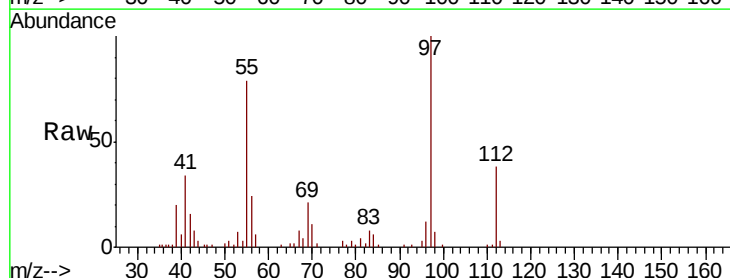
Ion Ratio Lower Upper

97 100

83 7.3 69.2 103.8#

85 0.7 44.6 66.8#

99 0.0 51.2 76.8#

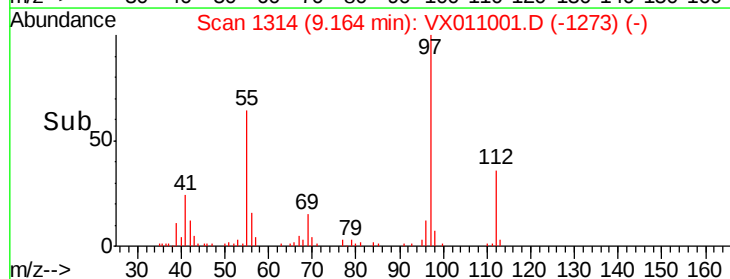
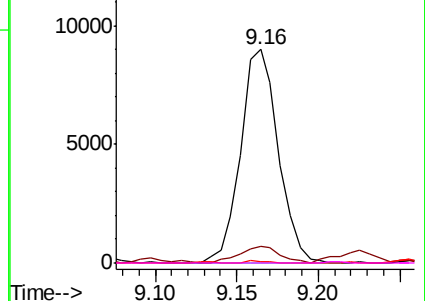


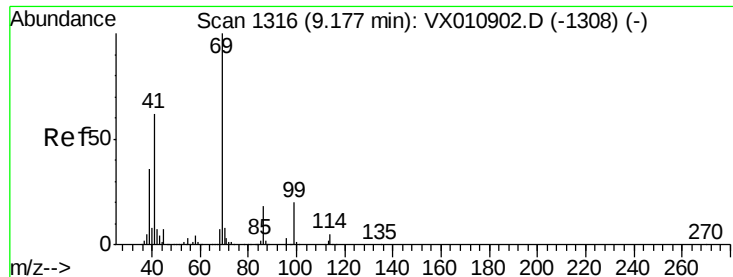
Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0





#56

Ethyl methacrylate

Concen: 0.817 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.01 min

Lab File: VX011001.D

Acq: 19 Jul 2019 14:41

Instrument :

MSVOA_X

ClientSampleId :

FL-0613

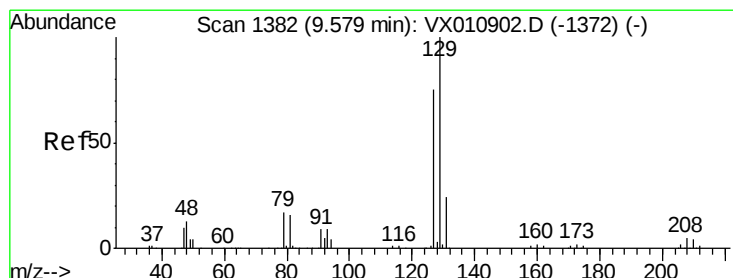
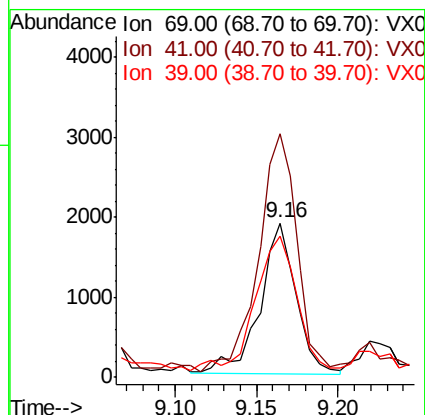
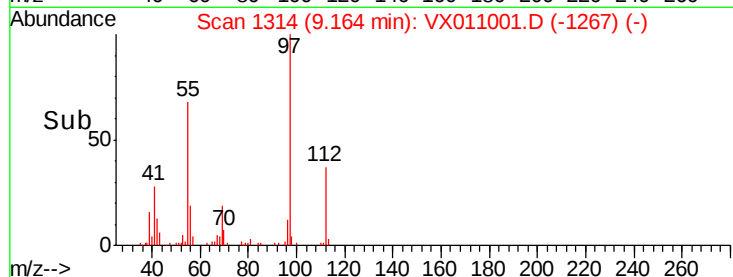
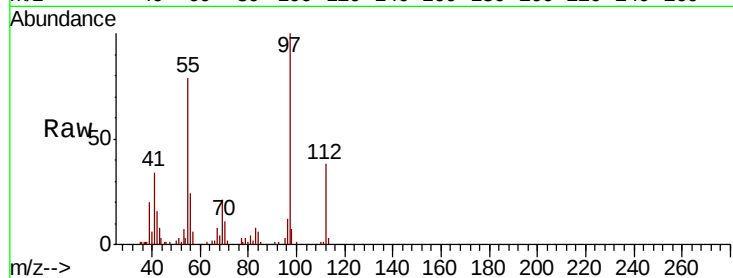
Tot Ion: 69 Resp: 2887

Ion Ratio Lower Upper

69 100

41 167.4 49.7 74.5#

39 102.1 29.6 44.4#



#60

Dibromochloromethane

Concen: 2.547 ug/l

RT: 9.35 min Scan# 1344

Delta R.T. -0.23 min

Lab File: VX011001.D

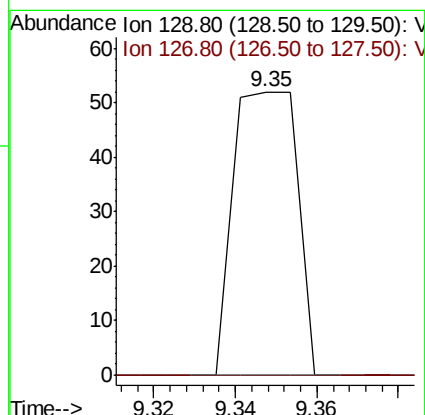
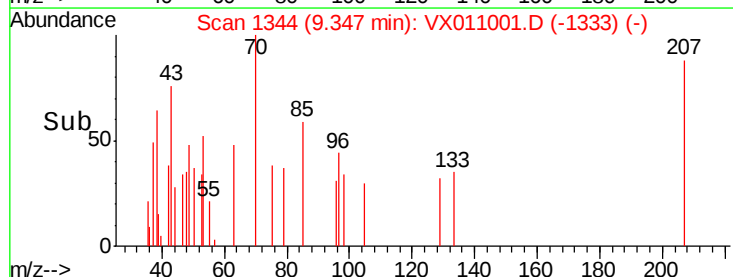
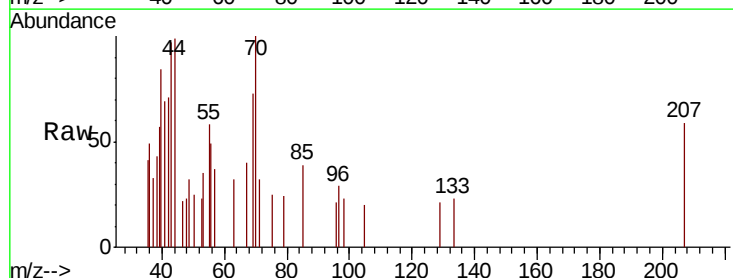
Acq: 19 Jul 2019 14:41

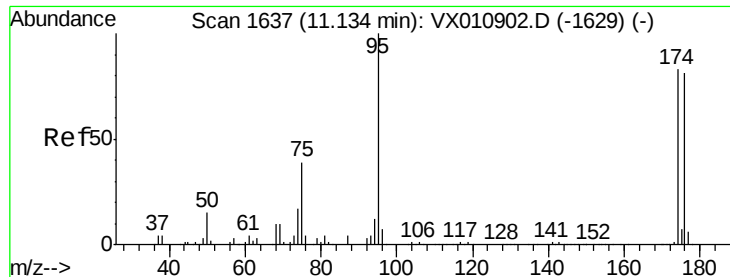
Tgt Ion: 129 Resp: 57

Ion Ratio Lower Upper

129 100

127 0.0 38.6 115.8#





#62

4-Bromofluorobenzene

Concen: 51.400 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011001.D

Acq: 19 Jul 2019 14:41

Instrument :

MSVOA_X

ClientSampleId :

FL-0613

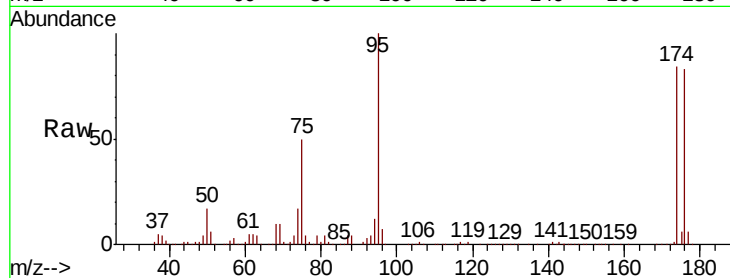
Tot Ion: 95 Resp: 159572

Ion Ratio Lower Upper

95 100

174 89.8 0.0 180.6

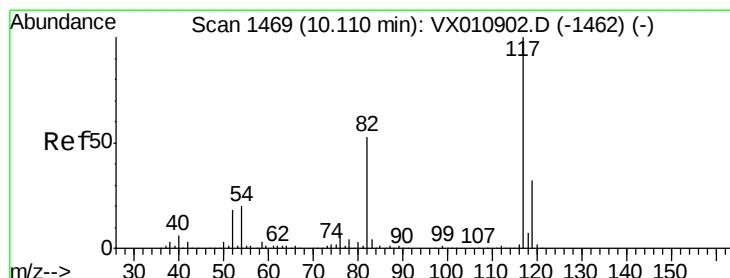
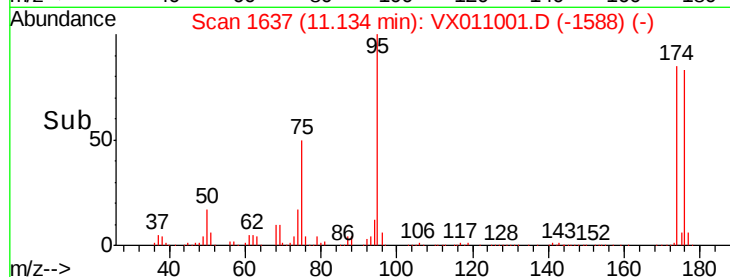
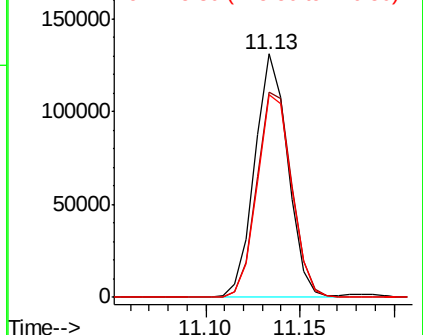
176 87.3 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX011001.D

Acq: 19 Jul 2019 14:41

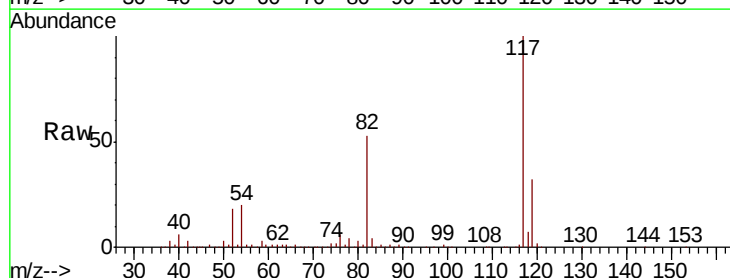
Tgt Ion: 117 Resp: 330010

Ion Ratio Lower Upper

117 100

82 53.1 42.6 63.8

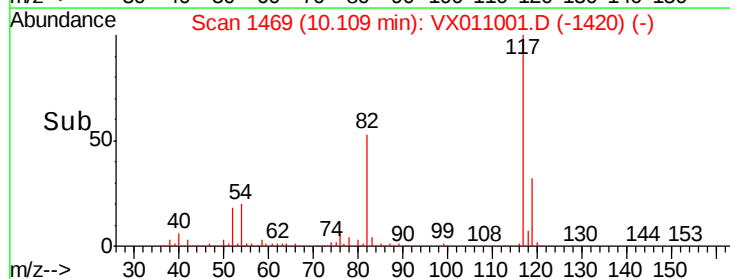
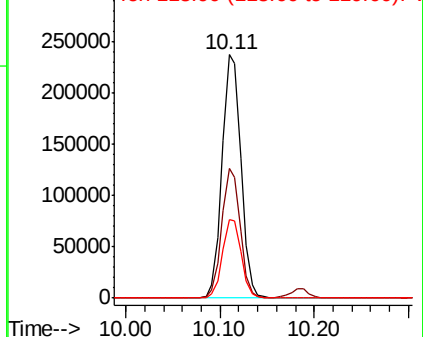
119 32.3 25.9 38.9

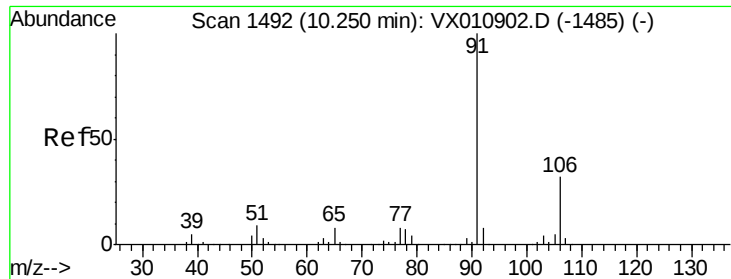


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

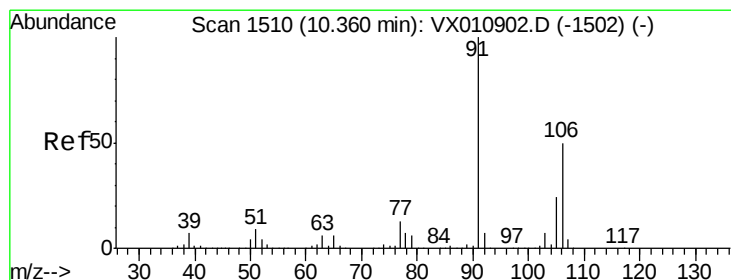
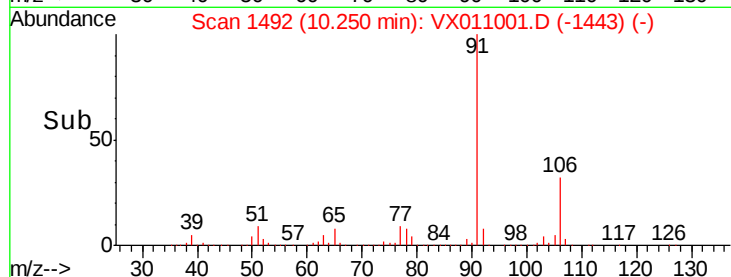
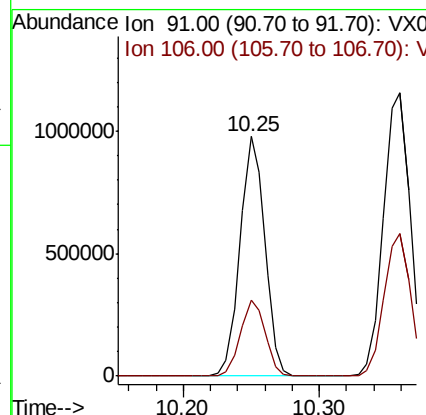
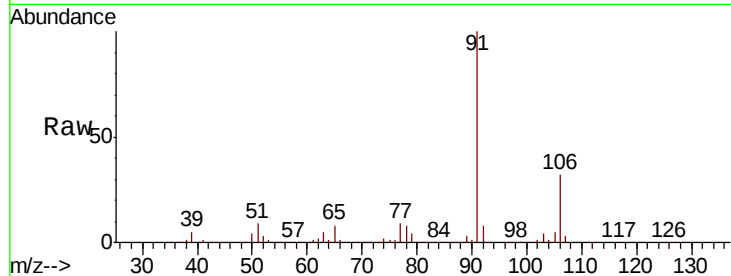




#67
Ethyl Benzene
Concen: 107.818 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX011001.D
Acq: 19 Jul 2019 14:41

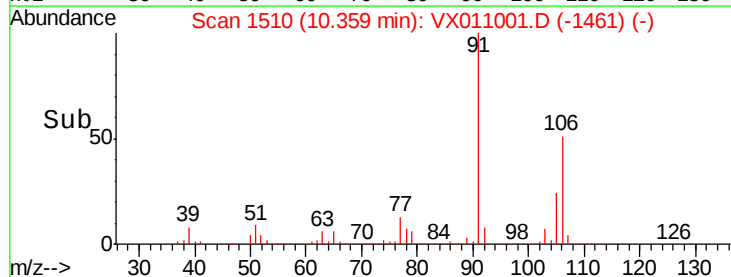
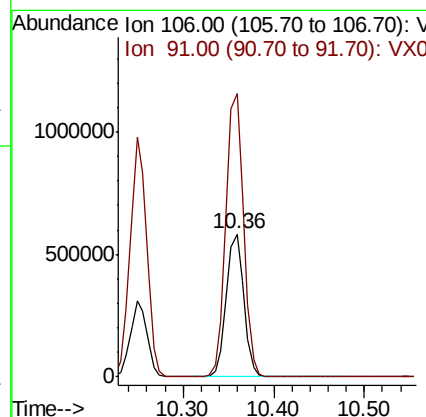
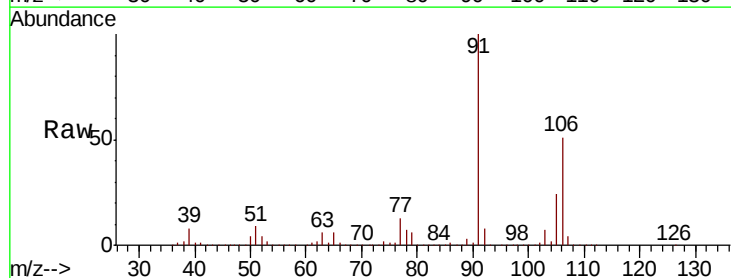
Instrument :
MSVOA_X
ClientSampled :
FL-0613

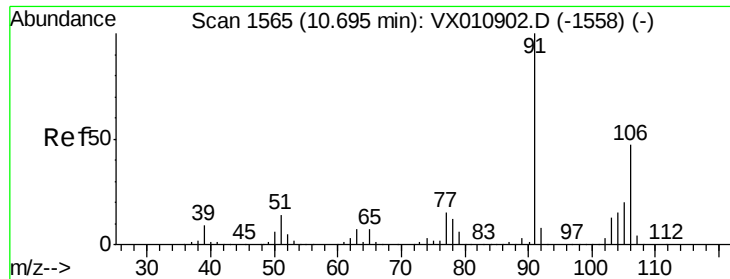
Tot Ion: 91 Resp: 1243916
Ion Ratio Lower Upper
91 100
106 31.9 25.4 38.2



#68
m/p-Xylenes
Concen: 178.662 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX011001.D
Acq: 19 Jul 2019 14:41

Tgt Ion: 106 Resp: 790682
Ion Ratio Lower Upper
106 100
91 199.8 160.1 240.1

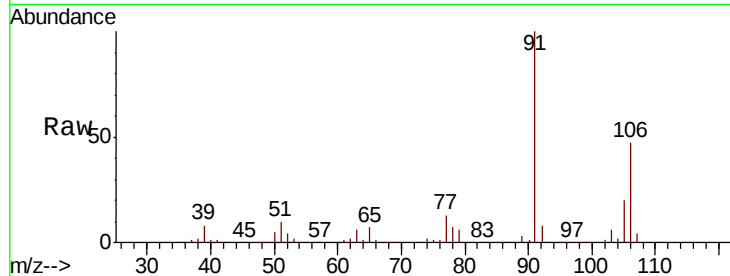




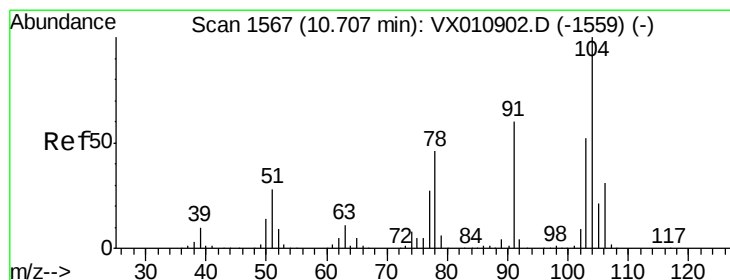
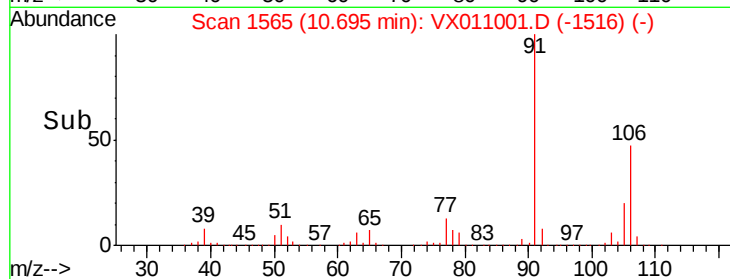
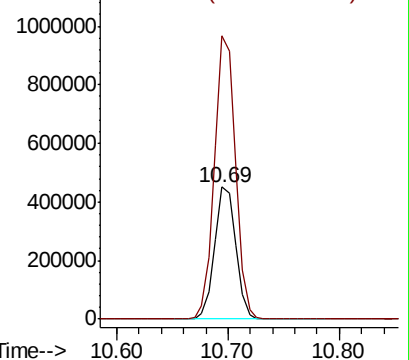
#69
o-Xylene
Concen: 137.578 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX011001.D
Acq: 19 Jul 2019 14:41

Instrument :
MSVOA_X
ClientSampled :
FL-0613

Tot Ion:106 Resp: 594218
Ion Ratio Lower Upper
106 100
91 213.2 105.1 315.3

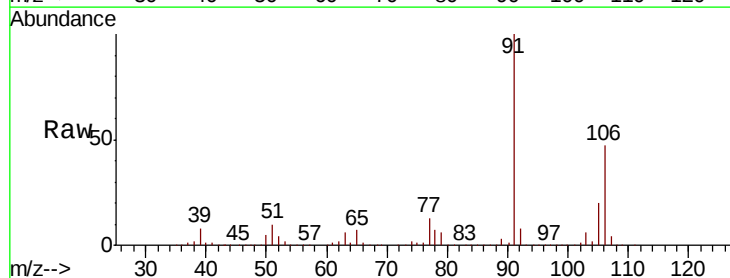


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

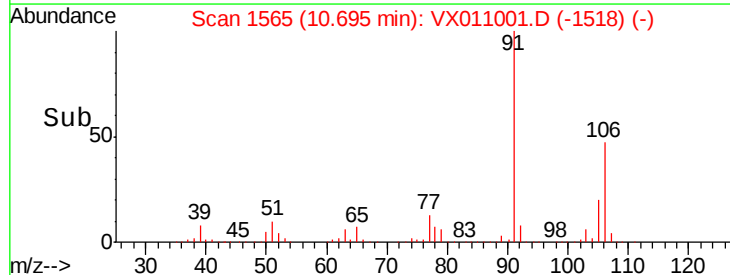
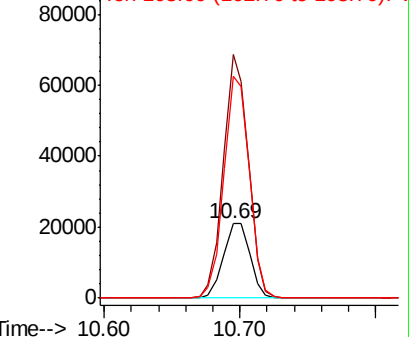


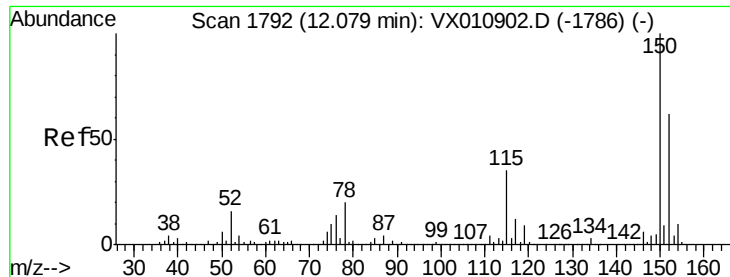
#70
Styrene
Concen: 4.029 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX011001.D
Acq: 19 Jul 2019 14:41

Tgt Ion:104 Resp: 29007
Ion Ratio Lower Upper
104 100
78 303.7 38.8 58.2#
103 281.8 44.2 66.4#



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



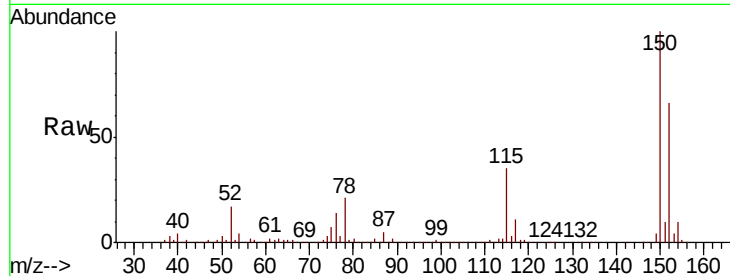


#72

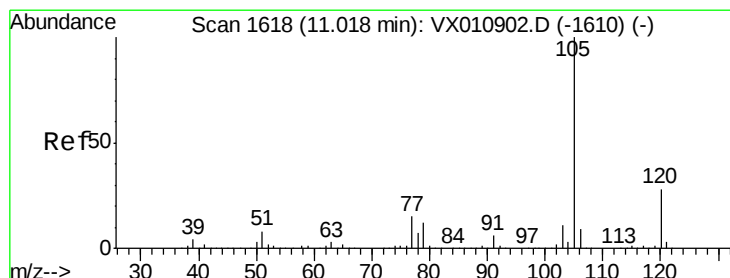
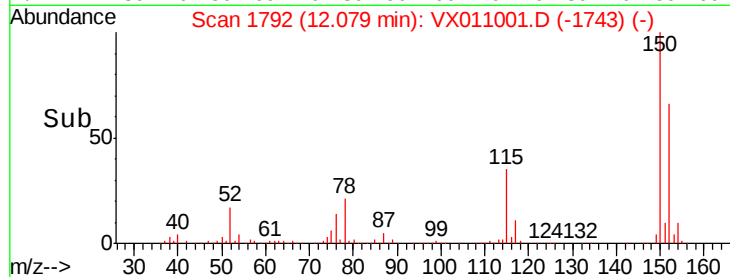
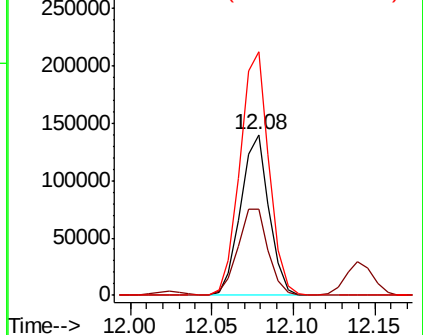
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX011001.D
Acq: 19 Jul 2019 14:41

Instrument :
MSVOA_X
ClientSampled :
FL-0613

Tot Ion:152 Resp: 170186
Ion Ratio Lower Upper
152 100
115 56.9 39.7 119.1
150 154.3 0.0 345.6



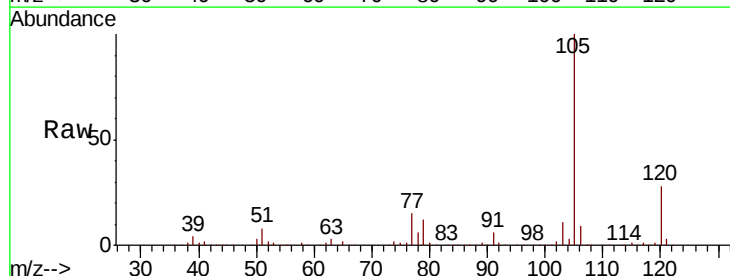
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



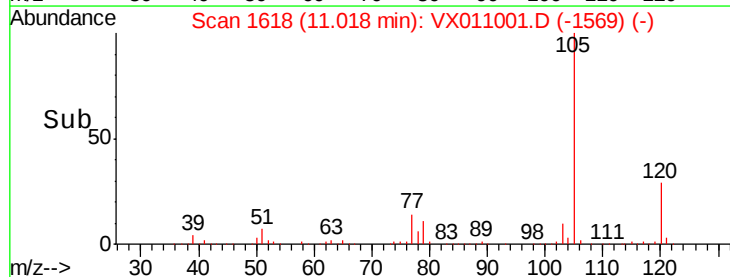
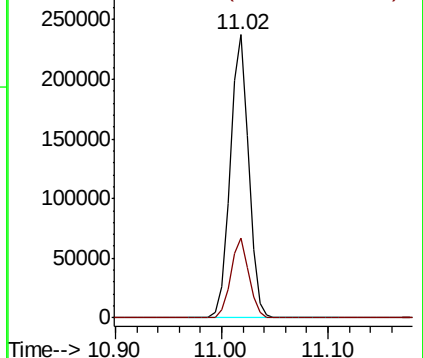
#73

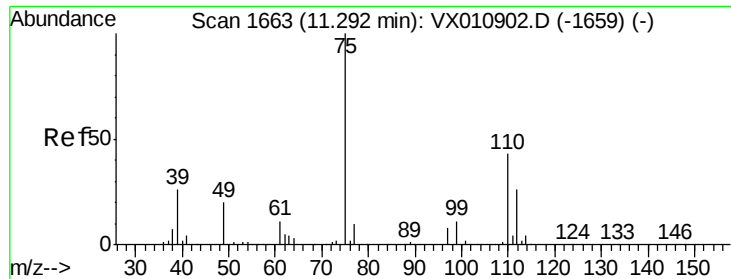
Isopropylbenzene
Concen: 25.153 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX011001.D
Acq: 19 Jul 2019 14:41

Tgt Ion:105 Resp: 289248
Ion Ratio Lower Upper
105 100
120 27.6 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

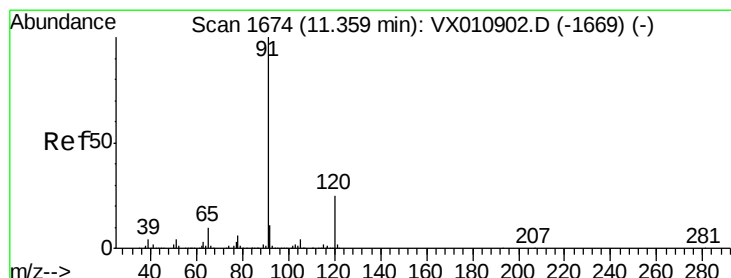
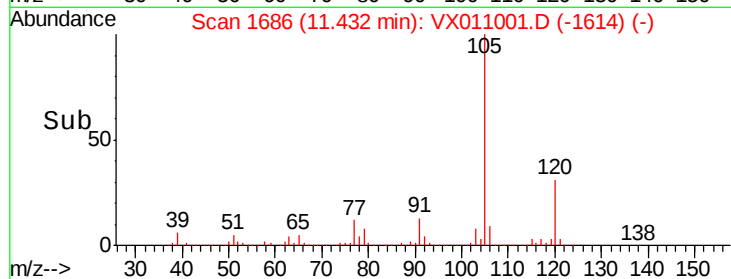
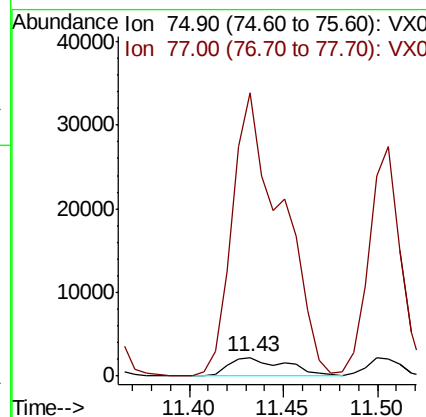
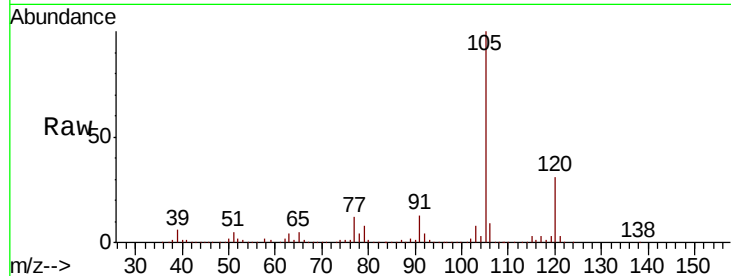




#76
 1,2,3-Trichloropropane
 Concen: 1.547 ug/l
 RT: 11.43 min Scan# 1686
 Delta R.T. 0.14 min
 Lab File: VX011001.D
 Acq: 19 Jul 2019 14:41

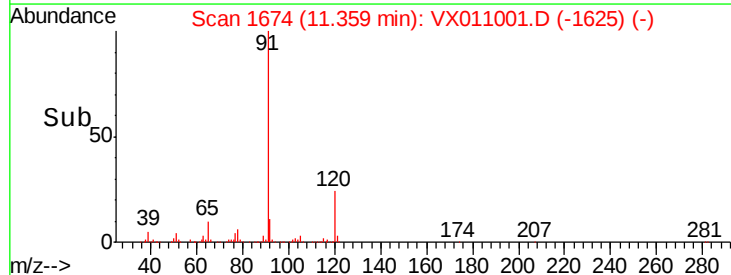
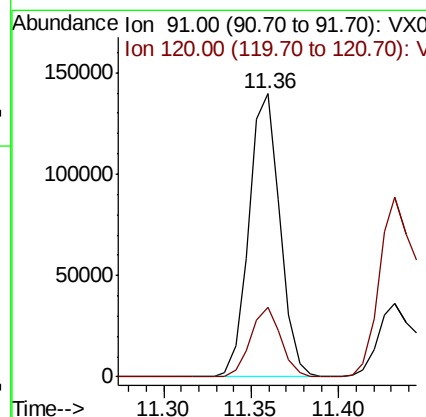
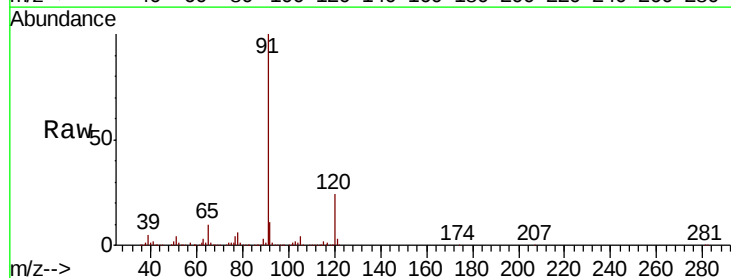
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0613

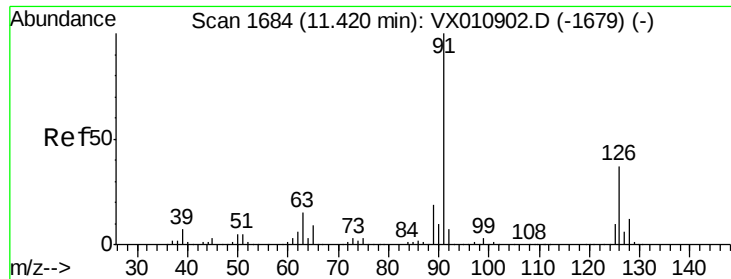
Tot Ion: 75 Resp: 4751
 Ion Ratio Lower Upper
 75 100
 77 1299.3 21.3 64.0#



#78
 n-propylbenzene
 Concen: 13.509 ug/l
 RT: 11.36 min Scan# 1674
 Delta R.T. -0.00 min
 Lab File: VX011001.D
 Acq: 19 Jul 2019 14:41

Tgt Ion: 91 Resp: 171645
 Ion Ratio Lower Upper
 91 100
 120 24.1 12.3 36.8





#79

2-Chlorotoluene

Concen: 8.700 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX011001.D

Acq: 19 Jul 2019 14:41

Instrument :

MSVOA_X

ClientSampleId :

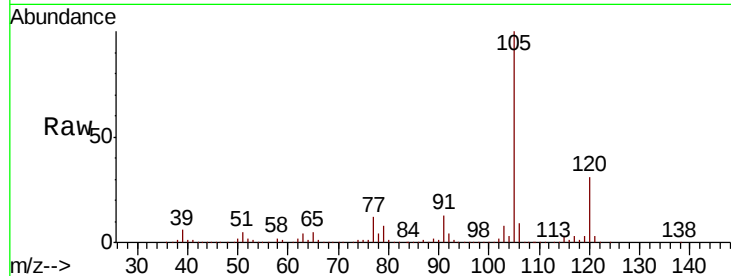
FL-0613

Tot Ion: 91 Resp: 66408

Ion Ratio Lower Upper

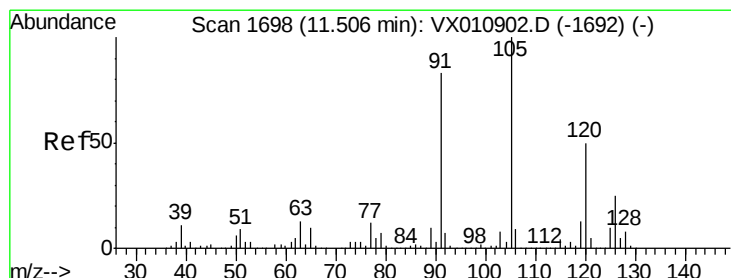
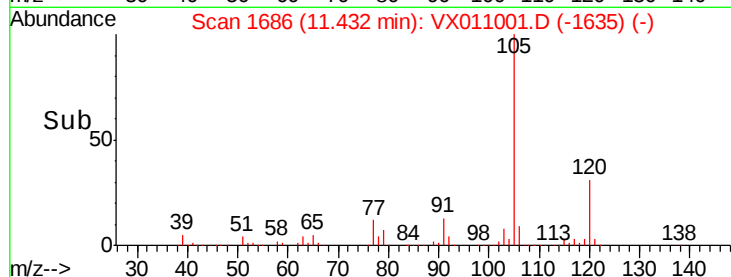
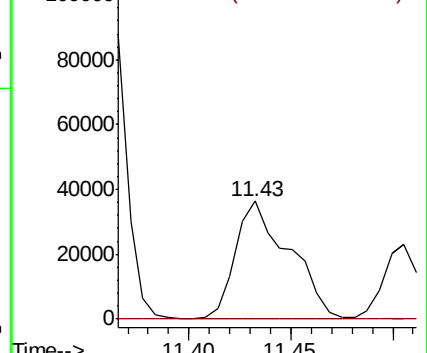
91 100

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



#80

1,3,5-Trimethylbenzene

Concen: 26.601 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011001.D

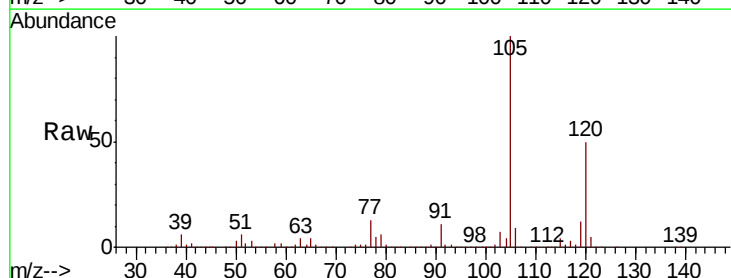
Acq: 19 Jul 2019 14:41

Tgt Ion:105 Resp: 255612

Ion Ratio Lower Upper

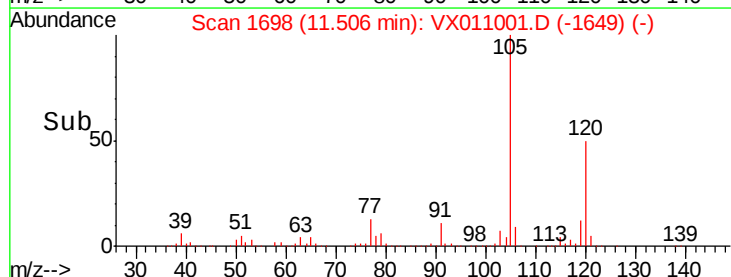
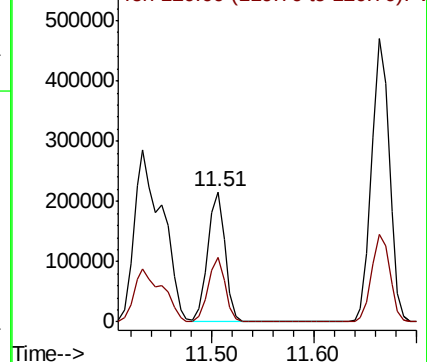
105 100

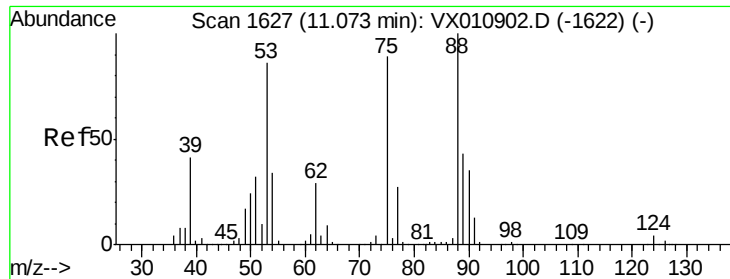
120 48.9 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 6.690 ug/l

RT: 11.01 min Scan# 1617

Delta R.T. -0.06 min

Lab File: VX011001.D

Acq: 19 Jul 2019 14:41

Instrument :

MSVOA_X

ClientSampleId :

FL-0613

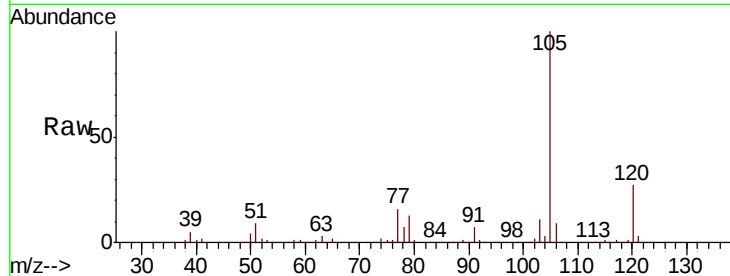
Tot Ion: 75 Resp: 3570

Ion Ratio Lower Upper

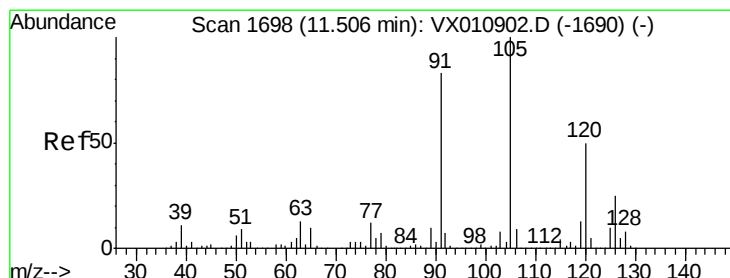
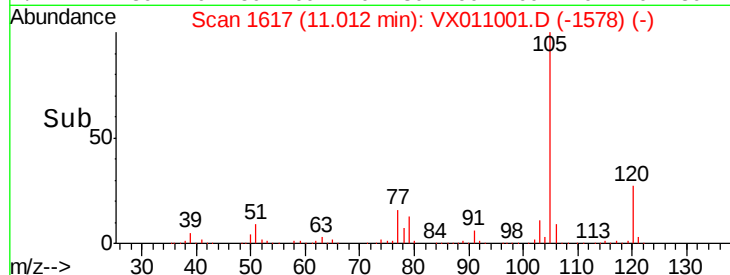
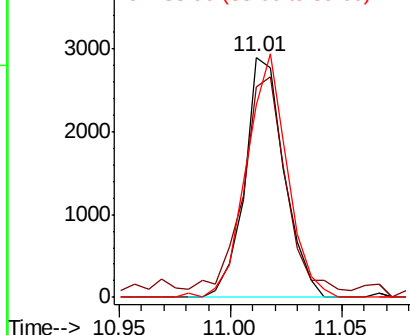
75 100

53 98.3 76.7 115.1

89 104.8 38.5 57.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 3.089 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011001.D

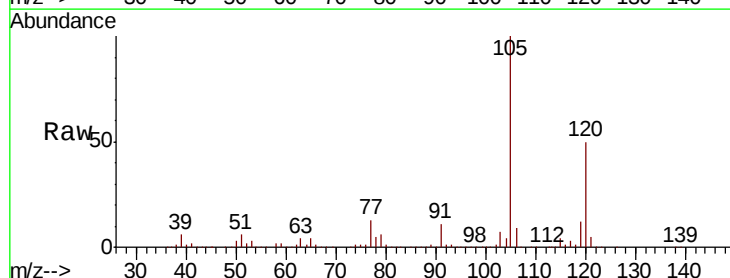
Acq: 19 Jul 2019 14:41

Tgt Ion: 91 Resp: 27438

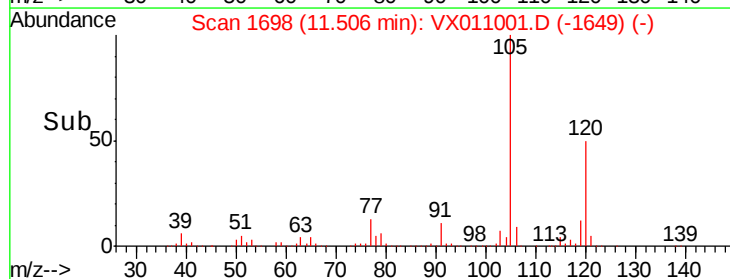
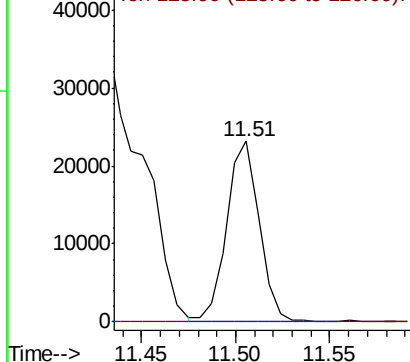
Ion Ratio Lower Upper

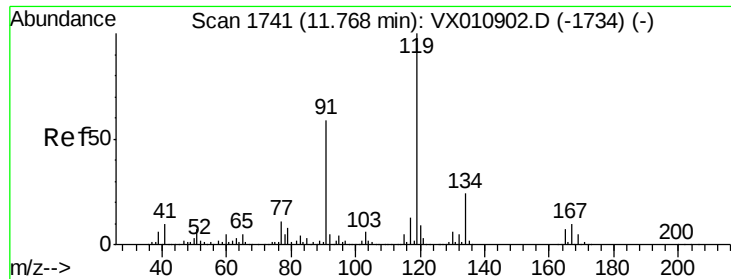
91 100

126 0.2 15.9 47.7#



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 1.513 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX011001.D

Acq: 19 Jul 2019 14:41

Instrument :

MSVOA_X

ClientSampled :

FL-0613

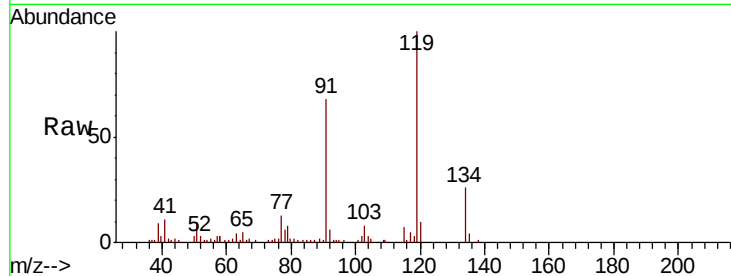
Tot Ion:119 Resp: 14279

Ion Ratio Lower Upper

119 100

91 61.5 28.6 85.8

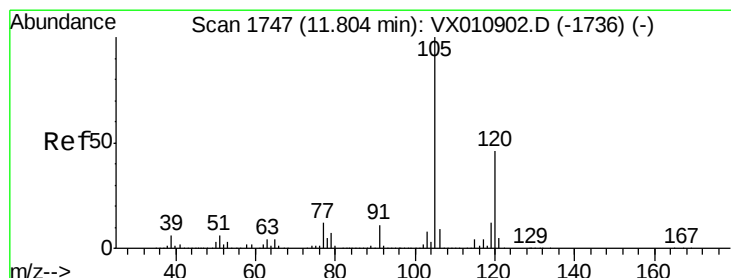
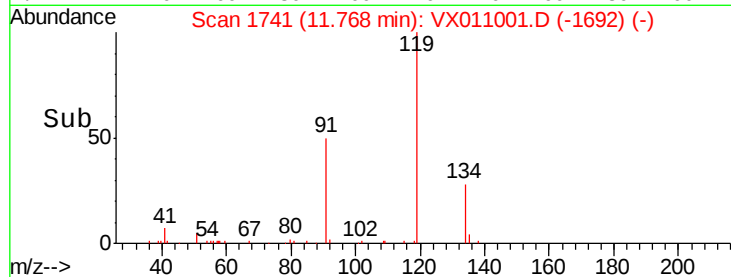
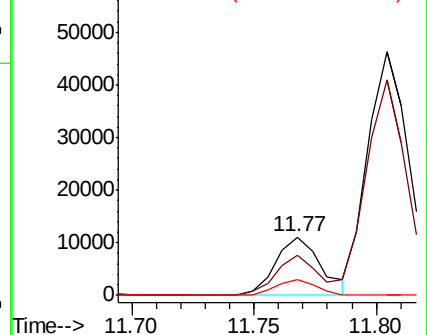
134 24.9 11.6 34.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 46.845 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX011001.D

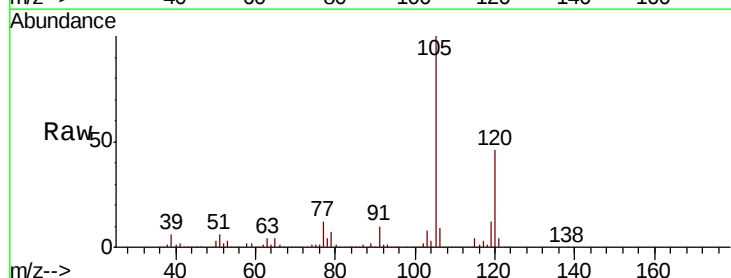
Acq: 19 Jul 2019 14:41

Tgt Ion:105 Resp: 453683

Ion Ratio Lower Upper

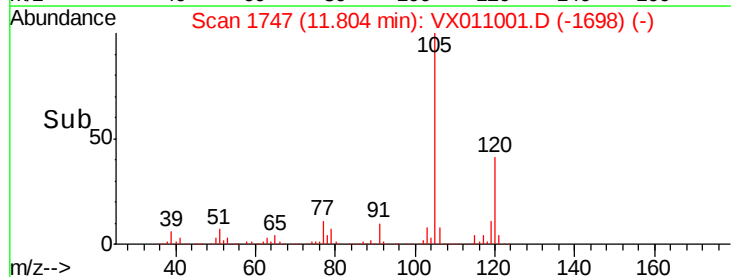
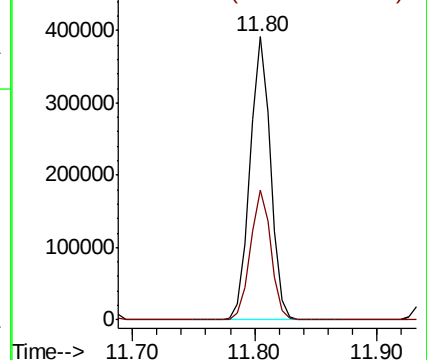
105 100

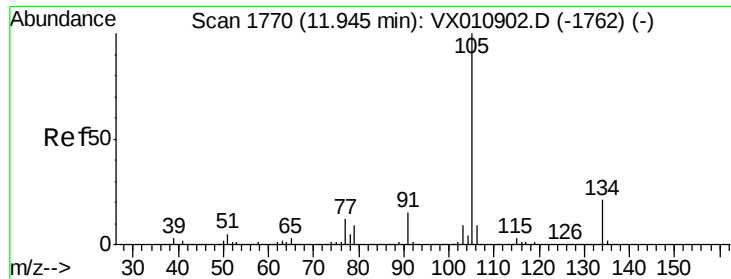
120 46.1 22.9 68.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 5.369 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX011001.D

Acq: 19 Jul 2019 14:41

Instrument :

MSVOA_X

ClientSampled :

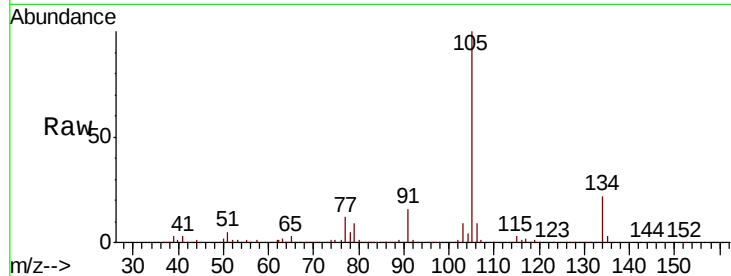
FL-0613

Tot Ion:105 Resp: 59379

Ion Ratio Lower Upper

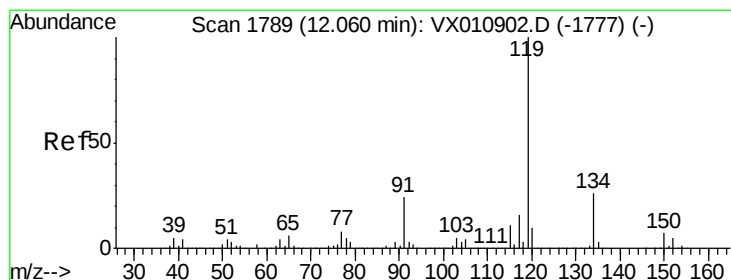
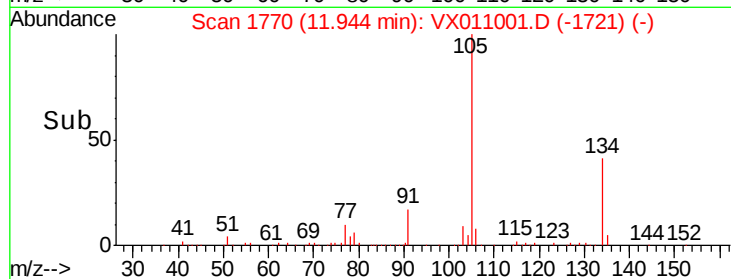
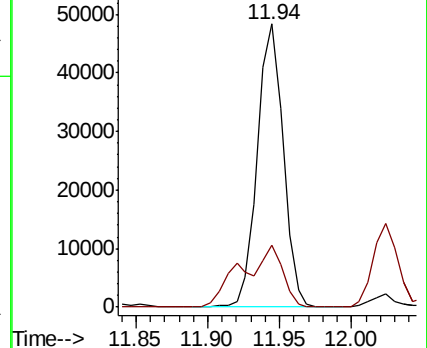
105 100

134 18.0 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 3.180 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX011001.D

Acq: 19 Jul 2019 14:41

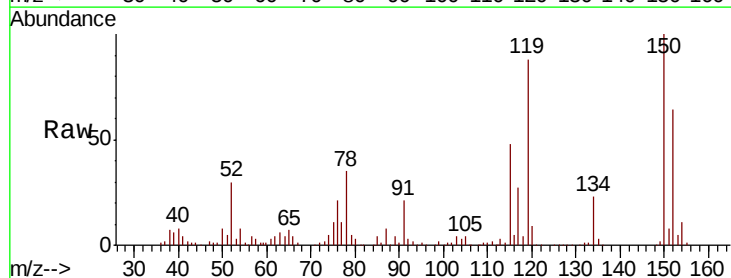
Tgt Ion:119 Resp: 32518

Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

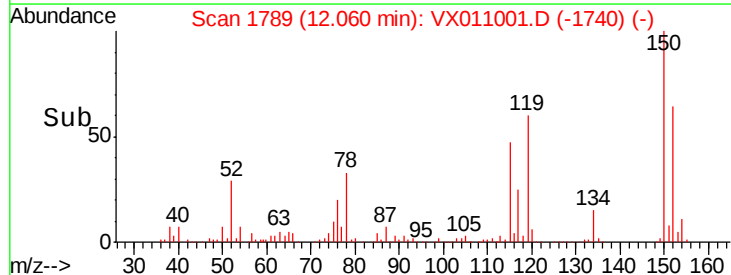
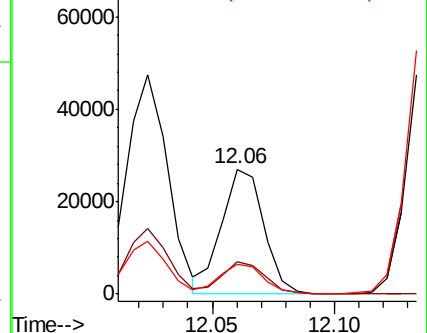
91 24.6 11.8 35.4

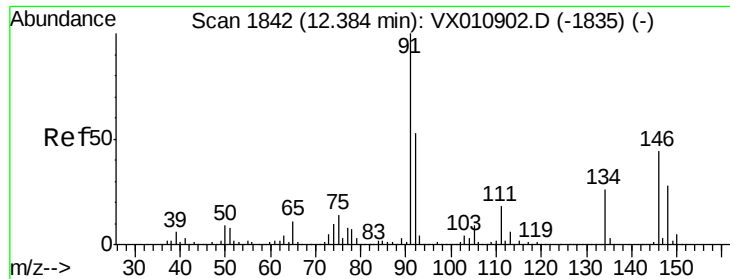


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

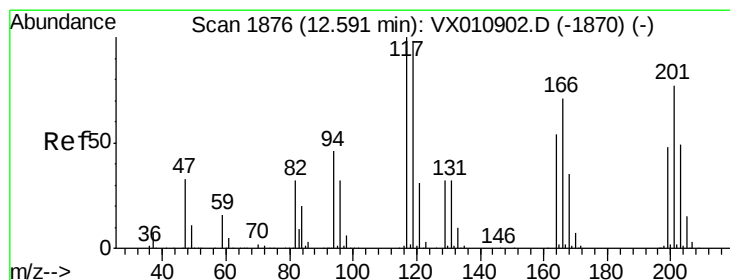
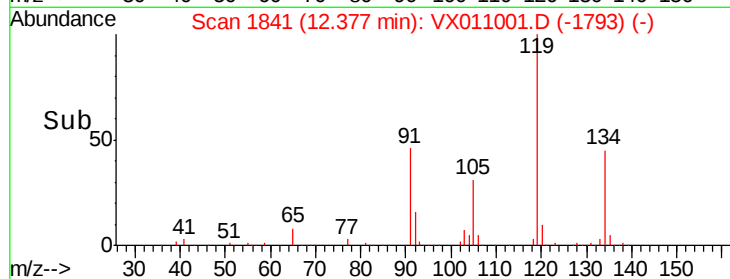
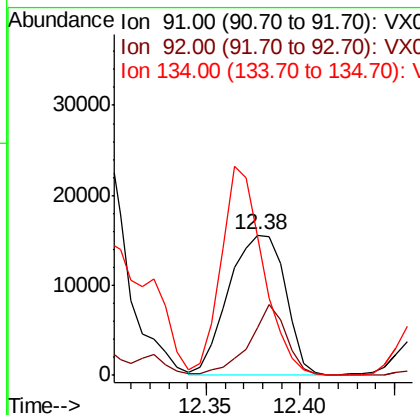
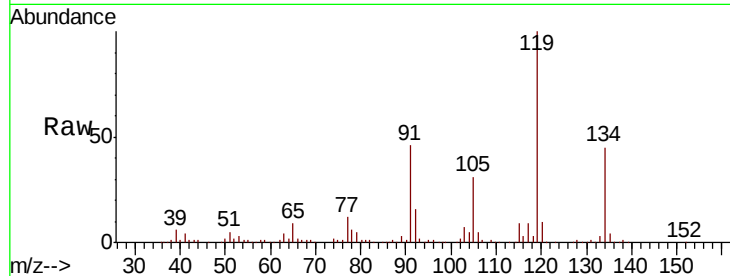




#89
n-Butylbenzene
Concen: 3.682 ug/l
RT: 12.38 min Scan# 1841
Delta R.T. -0.01 min
Lab File: VX011001.D
Acq: 19 Jul 2019 14:41

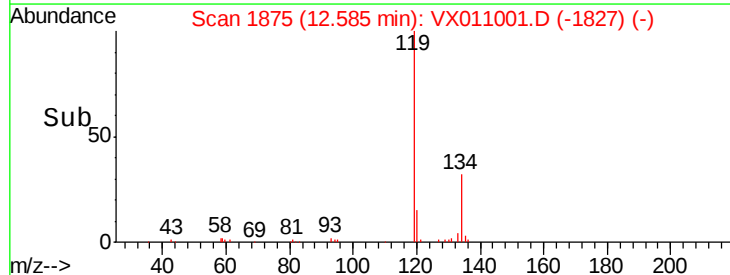
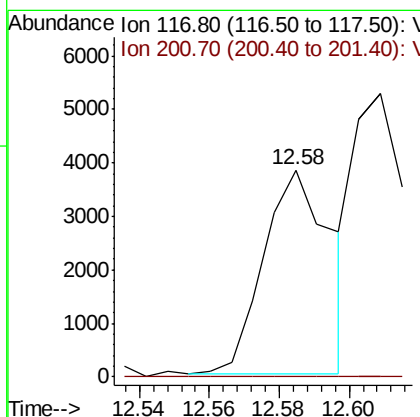
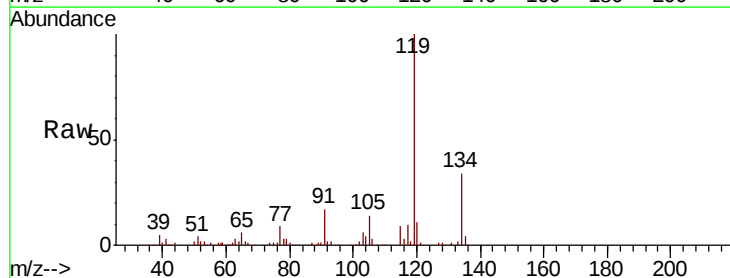
Instrument :
MSVOA_X
ClientSampled :
FL-0613

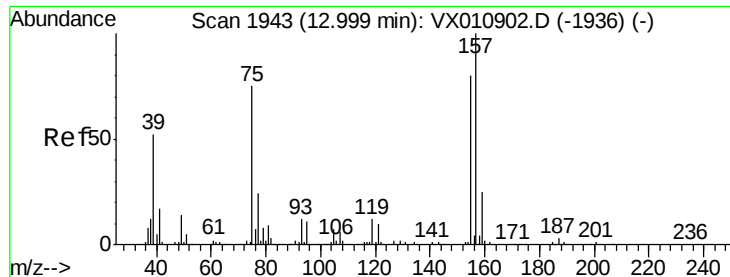
Tot Ion: 91 Resp: 32210
Ion Ratio Lower Upper
91 100
92 33.6 26.2 78.5
134 110.7 13.8 41.3#



#90
Hexachloroethane
Concen: 3.149 ug/l
RT: 12.58 min Scan# 1875
Delta R.T. -0.01 min
Lab File: VX011001.D
Acq: 19 Jul 2019 14:41

Tgt Ion: 117 Resp: 5079
Ion Ratio Lower Upper
117 100
201 0.0 43.3 129.8#

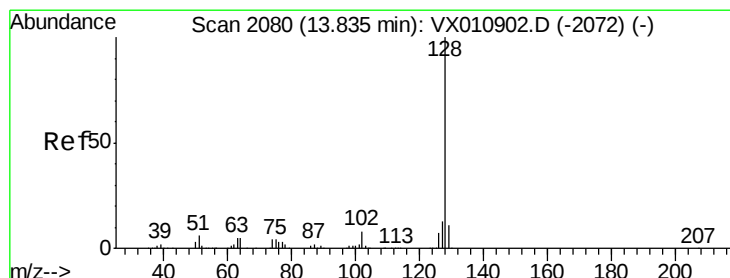
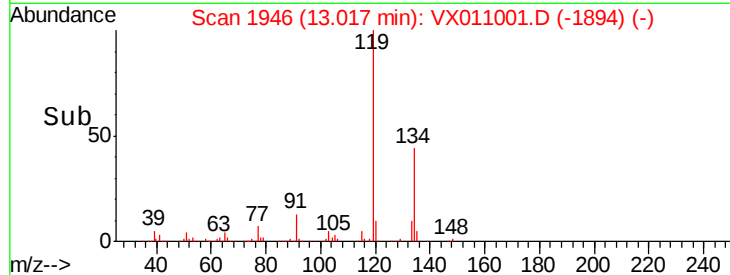
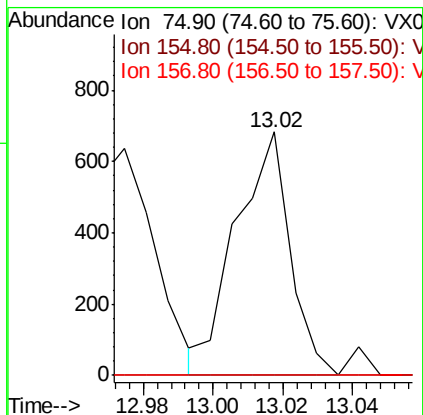
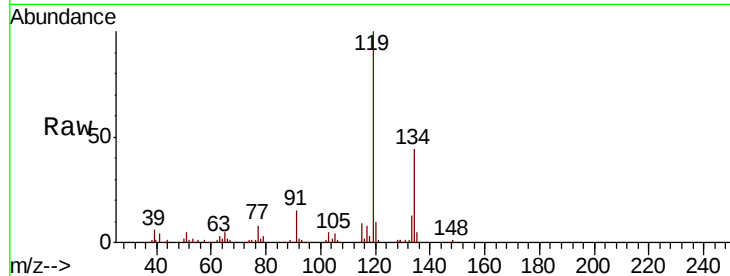




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.928 ug/l
 RT: 13.02 min Scan# 1946
 Delta R.T. 0.02 min
 Lab File: VX011001.D
 Acq: 19 Jul 2019 14:41

Instrument :
 MSVOA_X
 ClientSampled :
 FL-0613

Tot Ion: 75 Resp: 730
 Ion Ratio Lower Upper
 75 100
 155 0.0 48.7 146.1#
 157 0.0 62.5 187.6#



#95
 Naphthalene
 Concen: 55.415 ug/l
 RT: 13.83 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX011001.D
 Acq: 19 Jul 2019 14:41

Tgt Ion:128 Resp: 605004
 Ion Ratio Lower Upper
 128 100
 127 13.3 10.4 15.6
 129 11.3 8.9 13.3

