

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071819\
 Data File : VX010969.D
 Acq On : 18 Jul 2019 19:15
 Operator : JC/SP
 Sample : K3884-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0625

Quant Time: Jul 19 01:37:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 17 06:57:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	247322	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	386036	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	372128	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	201555	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	137210	52.15	ug/l	0.00
Spiked Amount			Recovery	=	104.30%	
35) Dibromofluoromethane	5.50	113	119980	48.97	ug/l	0.00
Spiked Amount			Recovery	=	97.94%	
50) Toluene-d8	8.71	98	478268	52.04	ug/l	0.00
Spiked Amount			Recovery	=	104.08%	
62) 4-Bromofluorobenzene	11.13	95	188652	55.85	ug/l	0.00
Spiked Amount			Recovery	=	111.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	42	0.562	ug/l #	1
3) Chloromethane	1.33	50	485	0.213	ug/l	98
5) Bromomethane	1.66	94	644	0.493	ug/l #	60
11) Tert butyl alcohol	3.02	59	2596	4.237	ug/l #	73
13) Acrolein	2.39	56	31665	89.440	ug/l #	80
14) Allyl chloride	2.85	41	64319	20.100	ug/l #	61
15) Acrylonitrile	3.17	53	19703	15.912	ug/l #	38
16) Acetone	2.40	43	89102	74.980	ug/l #	49
18) Methyl Acetate	2.85	43	155133	57.332	ug/l #	48
25) 2-Butanone	4.69	43	1737	1.018	ug/l	99
30) Chloroform	5.28	83	4072	0.961	ug/l	96
31) Cyclohexane	5.59	56	363389	101.719	ug/l	98
36) 1,1-Dichloropropene	5.66	75	16844	5.312	ug/l #	49
38) Carbon Tetrachloride	5.67	117	23982	7.258	ug/l #	17
39) Methylcyclohexane	7.46	83	560496	136.304	ug/l	98
41) Methacrylonitrile	5.24	41	14116	7.658	ug/l #	37
43) Isopropyl Acetate	6.45	43	6325	1.185	ug/l #	61
45) 1,2-Dichloropropane	7.46	63	5863	2.372	ug/l #	1
47) Bromodichloromethane	7.85	83	1606	0.511	ug/l #	28
48) Methyl methacrylate	7.73	41	35502	13.650	ug/l #	56
49) 1,4-Dioxane	7.82	88	51	0.701	ug/l #	1
51) 4-Methyl-2-Pentanone	8.66	43	8328	2.406	ug/l #	35
55) 1,1,2-Trichloroethane	9.16	97	46153	17.567	ug/l #	18
56) Ethyl methacrylate	9.16	69	9143	2.379	ug/l #	1
60) Dibromochloromethane	9.34	129	22	2.535	ug/l #	11
67) Ethyl Benzene	10.25	91	4577818	351.878	ug/l	99
68) m/p-Xylenes	10.36	106	2341434	469.188	ug/l	99
69) o-Xylene	10.70	106	1993785	409.370	ug/l	99
70) Styrene	10.70	104	97154	11.966	ug/l #	1
73) Isopropylbenzene	11.02	105	743465	54.590	ug/l	100
74) N-amyl acetate	10.91	43	3352	0.644	ug/l #	1
75) 1,1,1,2,2-Tetrachloroethane	11.27	83	2774	0.622	ug/l #	26
76) 1,2,3-Trichloropropane	11.36	75	7528	2.070	ug/l #	1
78) n-propylbenzene	11.36	91	1136723	75.540	ug/l	99

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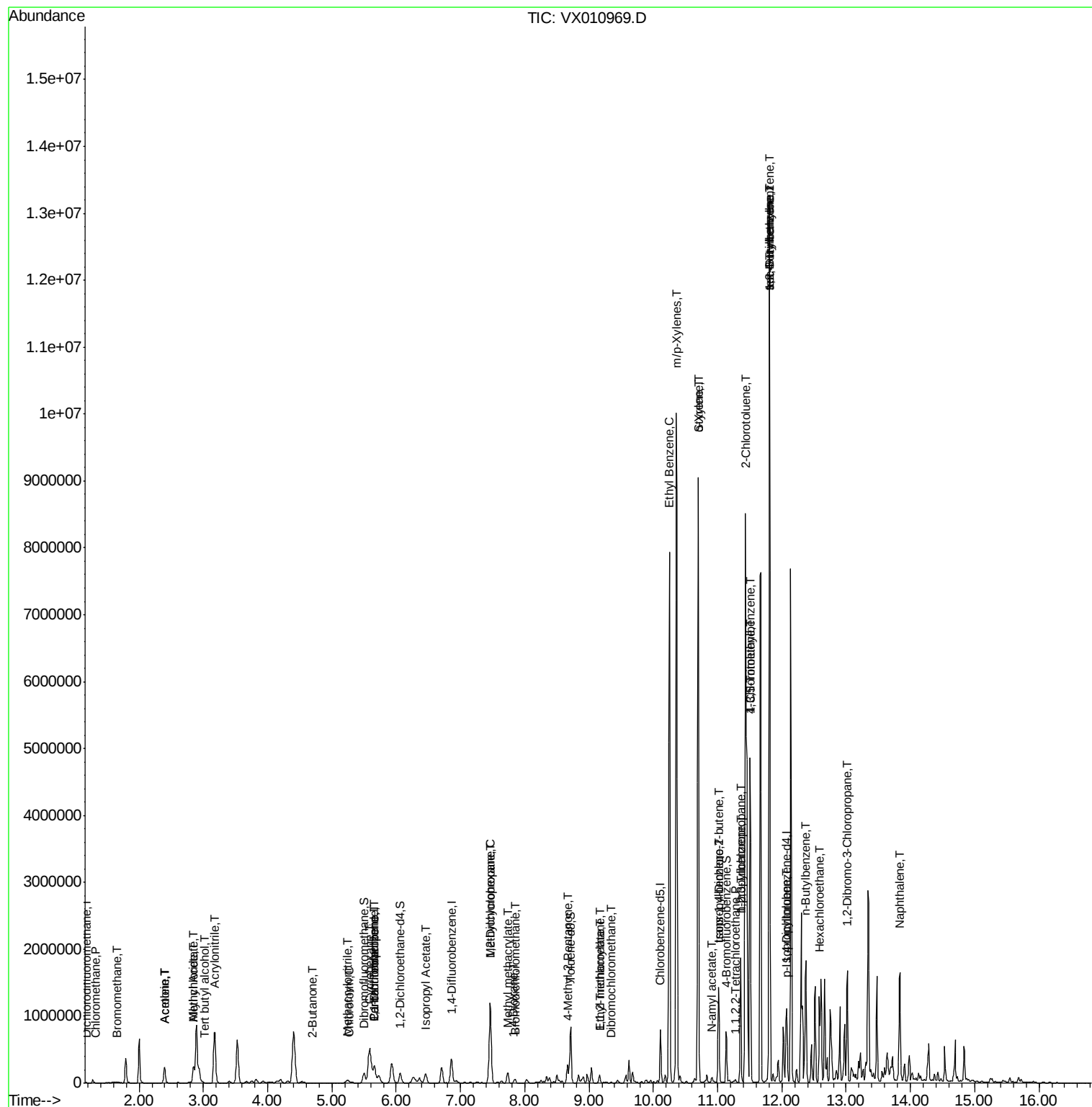
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
79) 2-Chlorotoluene	11.43	91	794930	87.938	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.51	105	2058366	180.874	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.02	75	9092	9.809	ug/l #	69
82) 4-Chlorotoluene	11.51	91	220410	20.949	ug/l #	43
83) tert-Butylbenzene	11.81	119	745050	66.653	ug/l #	56
84) 1,2,4-Trimethylbenzene	11.81	105	5927734	516.804	ug/l	98
85) sec-Butylbenzene	11.81	105	5927469	452.554	ug/l #	55
86) p-Isopropyltoluene	12.06	119	205075	16.936	ug/l	99
89) n-Butylbenzene	12.37	91	234373	22.624	ug/l #	14
90) Hexachloroethane	12.58	117	56038	29.341	ug/l #	6
92) 1,2-Dibromo-3-Chloropropan	13.02	75	5447	5.847	ug/l #	1
95) Naphthalene	13.83	128	1034873	80.035	ug/l	99

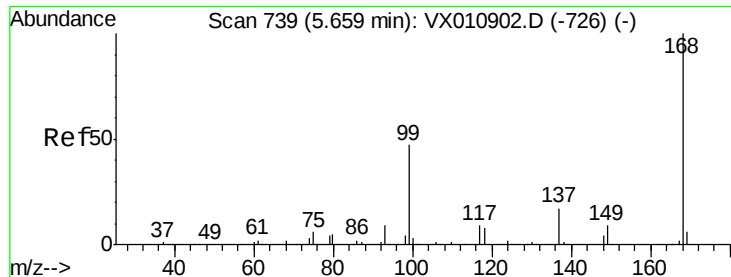
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX010969.D

Acq: 18 Jul 2019 19:15

Instrument :

MSVOA_X

ClientSampleId :

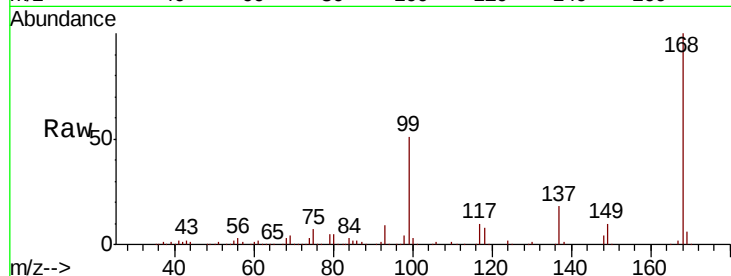
FL-0625

Tot Ion:168 Resp: 247322

Ion Ratio Lower Upper

168 100

99 51.3 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

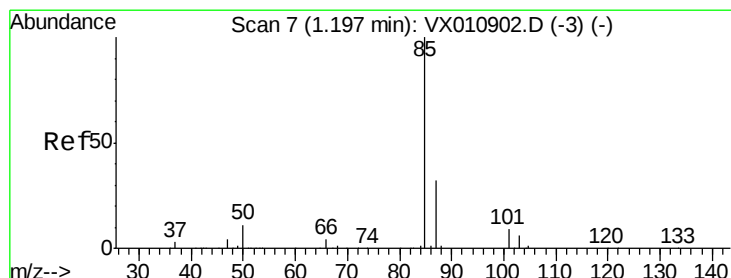
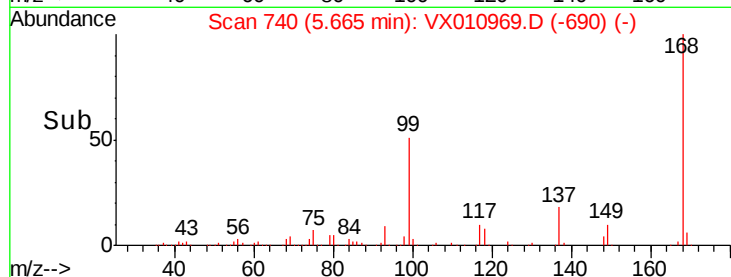
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 0.562 ug/l

RT: 1.19 min Scan# 6

Delta R.T. -0.01 min

Lab File: VX010969.D

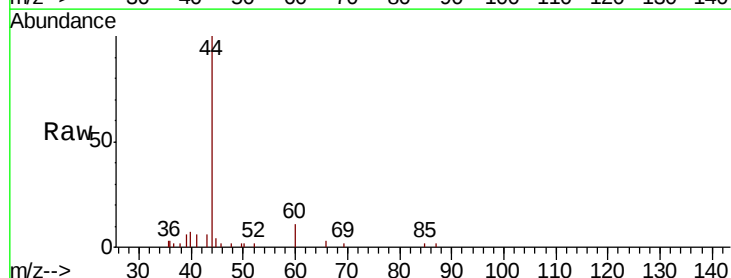
Acq: 18 Jul 2019 19:15

Tgt Ion: 85 Resp: 42

Ion Ratio Lower Upper

85 100

87 90.2 15.9 47.7#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

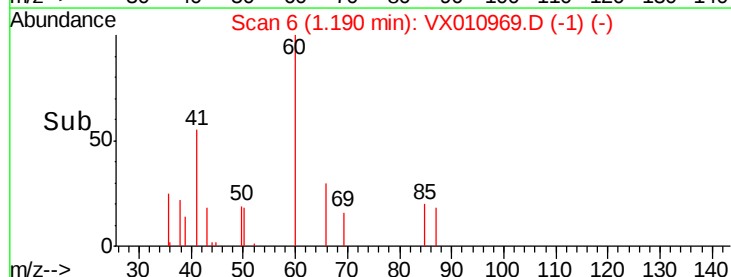
60

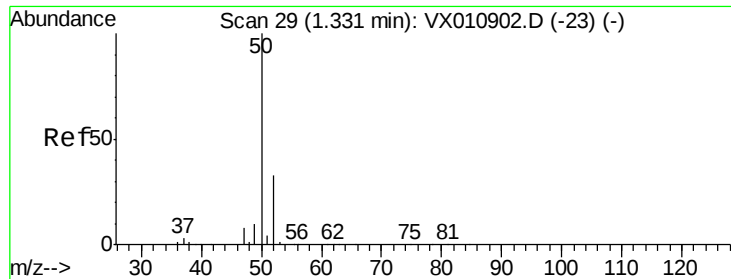
40

20

0

Time--> 1.18 1.20





#3

Chloromethane

Concen: 0.213 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX010969.D

Acq: 18 Jul 2019 19:15

Instrument :

MSVOA_X

ClientSampled :

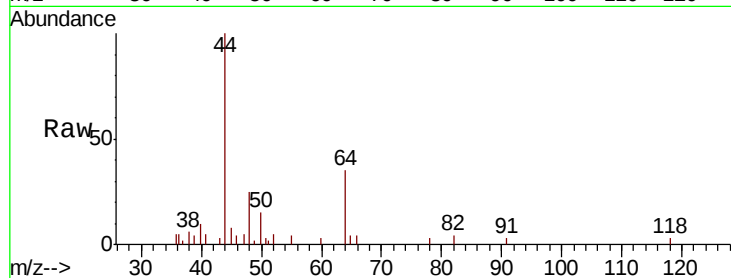
FL-0625

Tot Ion: 50 Resp: 485

Ion Ratio Lower Upper

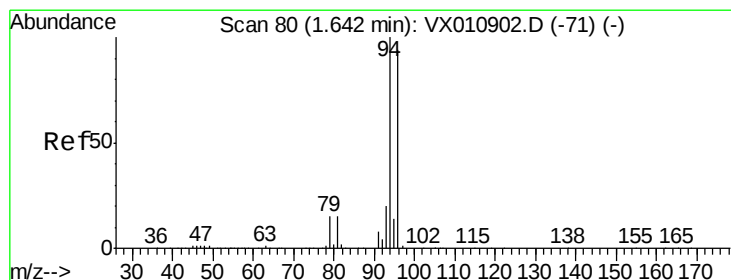
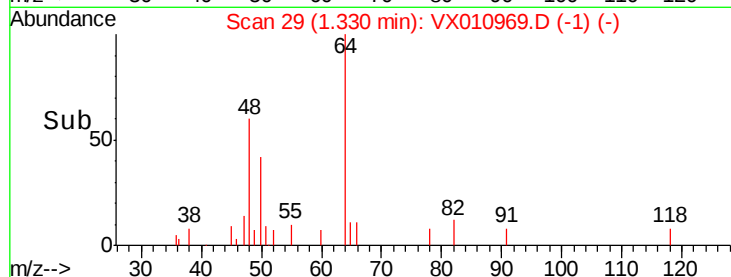
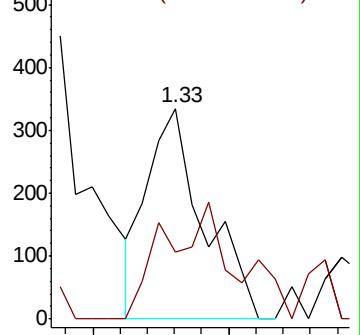
50 100

52 31.6 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#5

Bromomethane

Concen: 0.493 ug/l

RT: 1.66 min Scan# 83

Delta R.T. 0.02 min

Lab File: VX010969.D

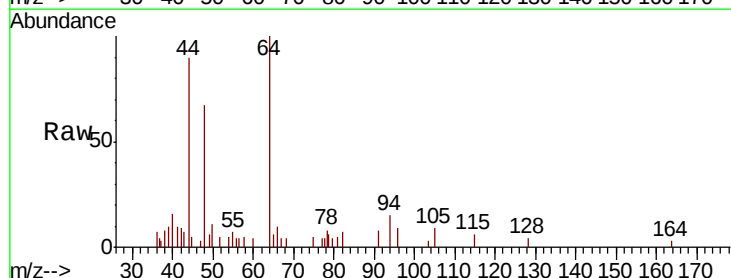
Acq: 18 Jul 2019 19:15

Tgt Ion: 94 Resp: 644

Ion Ratio Lower Upper

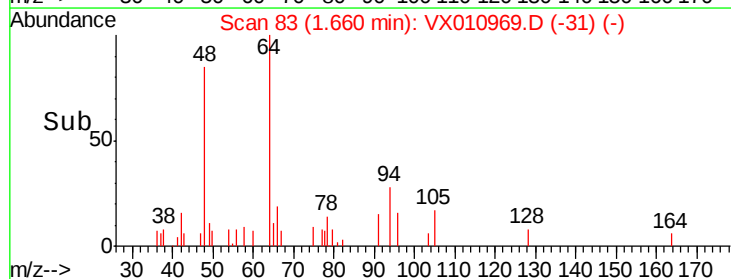
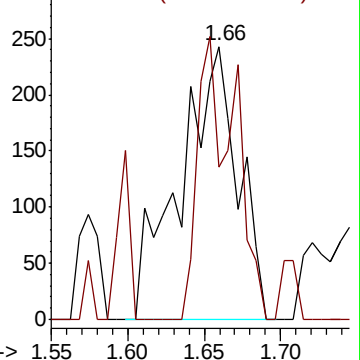
94 100

96 56.0 75.6 113.4#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

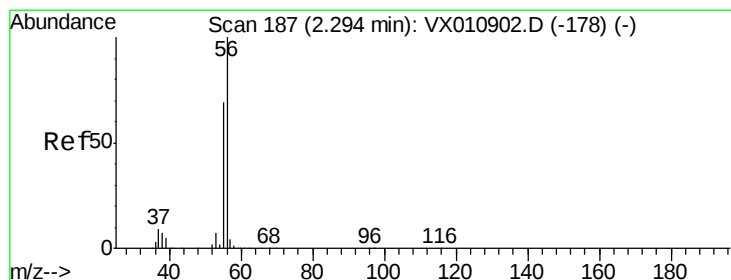
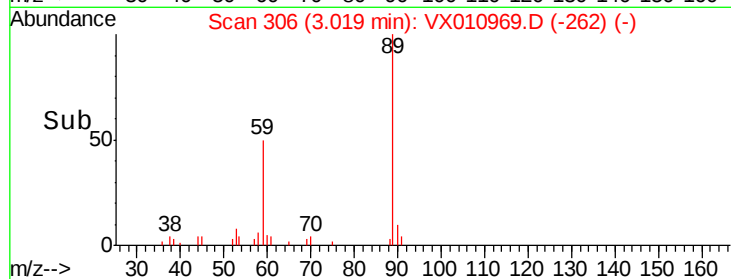
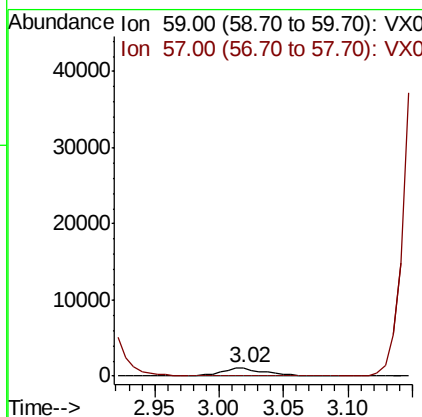
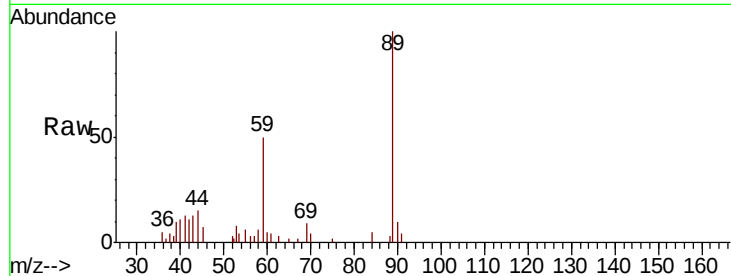




#11
Tert butyl alcohol
Concen: 4.237 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.03 min
Lab File: VX010969.D
Acq: 18 Jul 2019 19:15

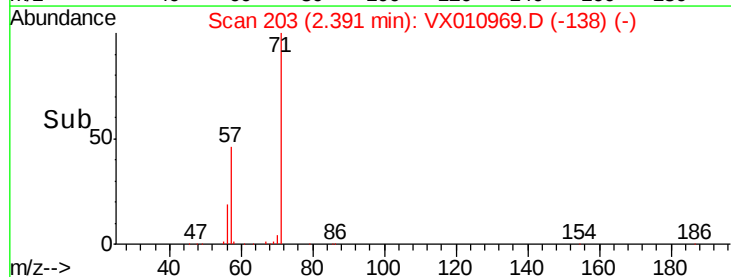
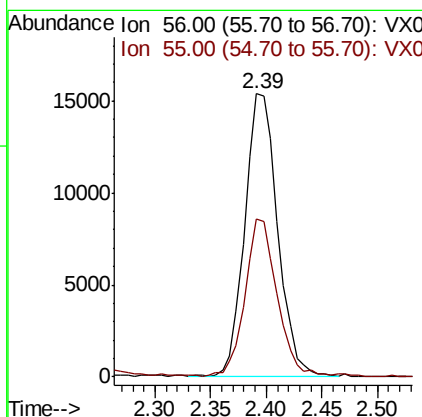
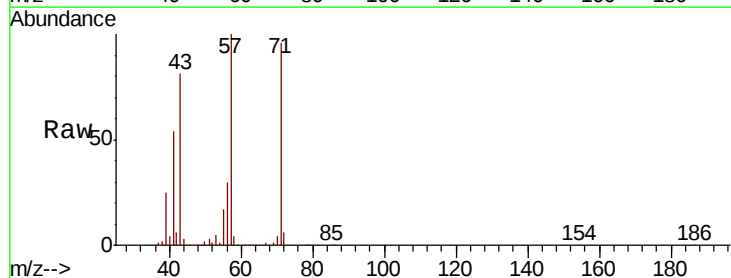
Instrument :
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FL-0625

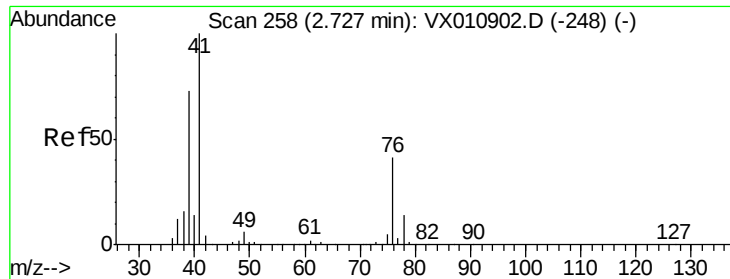
Tot Ion: 59 Resp: 2596
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#



#13
Acrolein
Concen: 89.440 ug/l
RT: 2.39 min Scan# 203
Delta R.T. 0.10 min
Lab File: VX010969.D
Acq: 18 Jul 2019 19:15

Tgt Ion: 56 Resp: 31665
Ion Ratio Lower Upper
56 100
55 53.3 55.9 83.9#

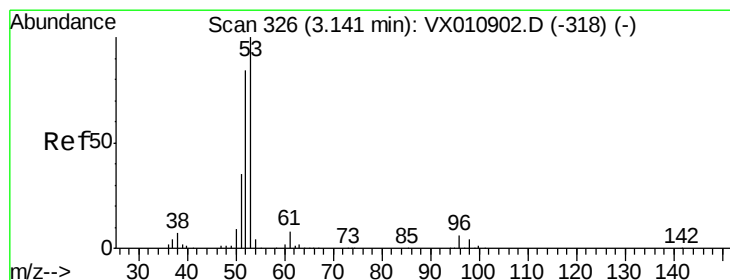
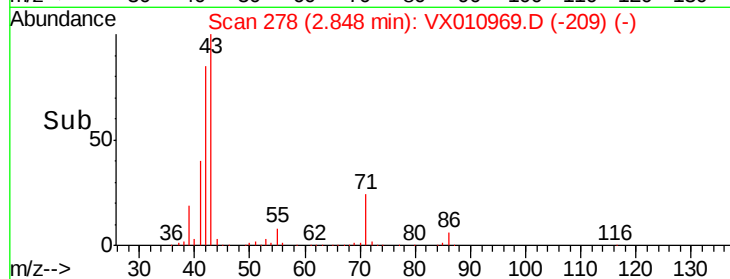
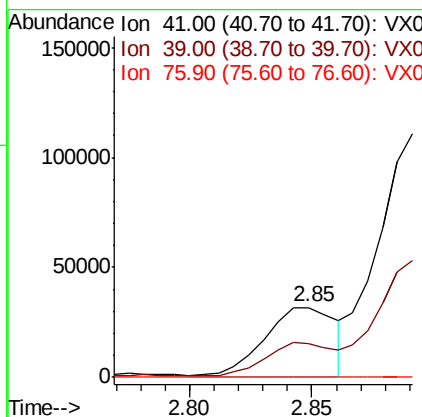
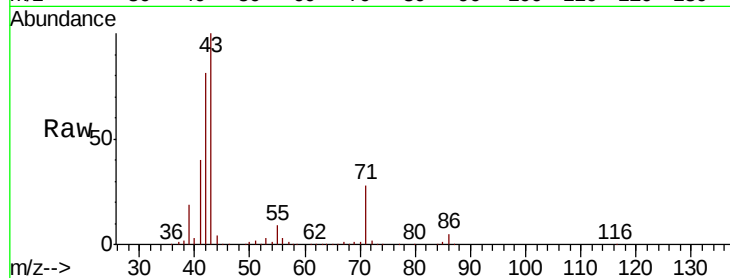




#14
 Allvl chloride
 Concen: 20.100 ug/l
 RT: 2.85 min Scan# 278
 Delta R.T. 0.12 min
 Lab File: VX010969.D
 Acq: 18 Jul 2019 19:15

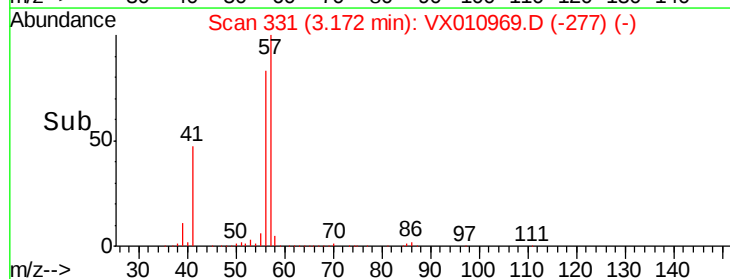
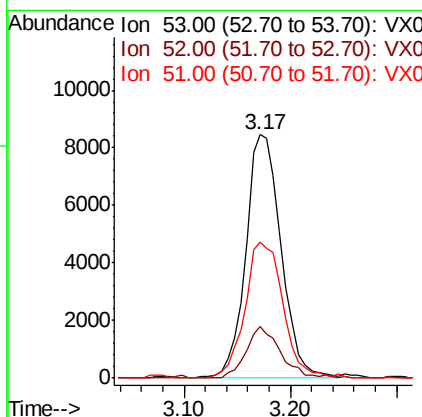
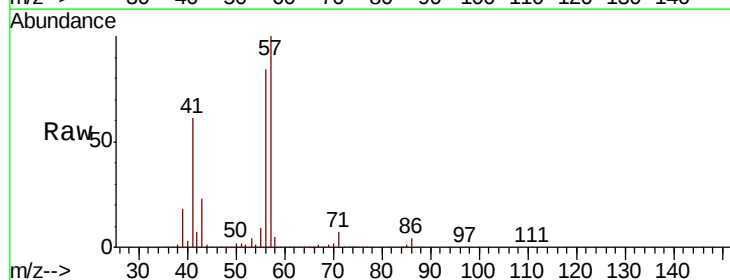
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0625

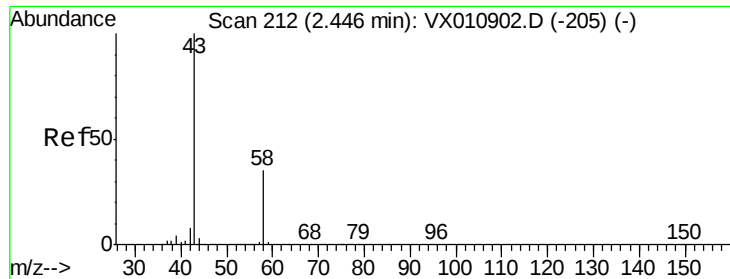
Tot Ion: 41 Resp: 64319
 Ion Ratio Lower Upper
 41 100
 39 45.7 53.6 80.4#
 76 0.1 29.7 44.5#



#15
 Acrylonitrile
 Concen: 15.912 ug/l
 RT: 3.17 min Scan# 331
 Delta R.T. 0.03 min
 Lab File: VX010969.D
 Acq: 18 Jul 2019 19:15

Tgt Ion: 53 Resp: 19703
 Ion Ratio Lower Upper
 53 100
 52 20.5 66.5 99.7#
 51 60.3 28.2 42.4#





#16

Acetone

Concen: 74.980 ug/l

RT: 2.40 min Scan# 204

Delta R.T. -0.05 min

Lab File: VX010969.D

Acq: 18 Jul 2019 19:15

Instrument :

MSVOA_X

ClientSampleId :

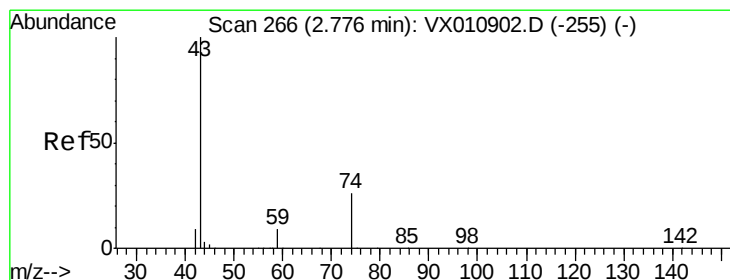
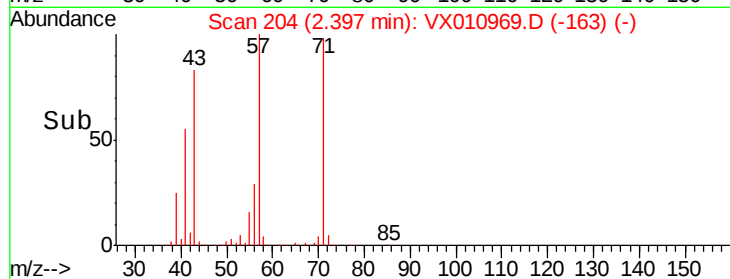
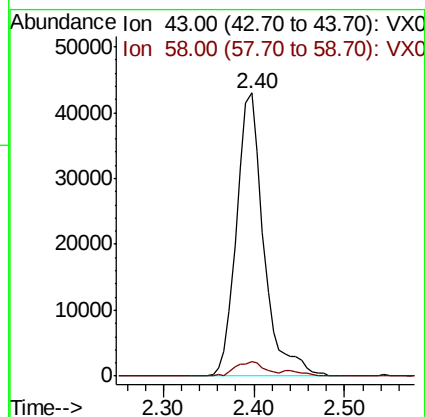
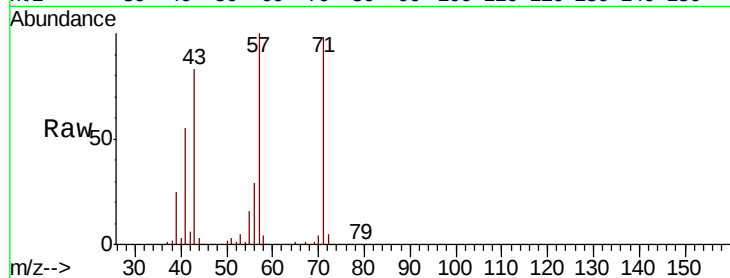
FL-0625

Tot Ion: 43 Resp: 89102

Ion Ratio Lower Upper

43 100

58 5.1 27.7 41.5#



#18

Methyl Acetate

Concen: 57.332 ug/l

RT: 2.85 min Scan# 278

Delta R.T. 0.07 min

Lab File: VX010969.D

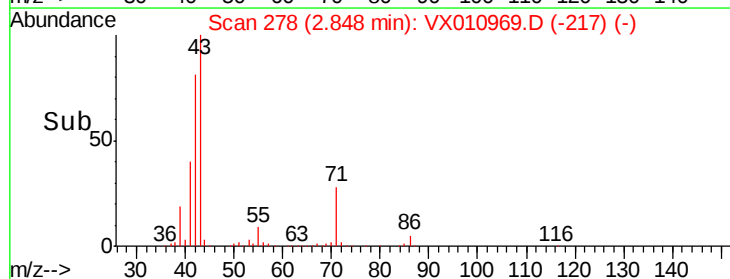
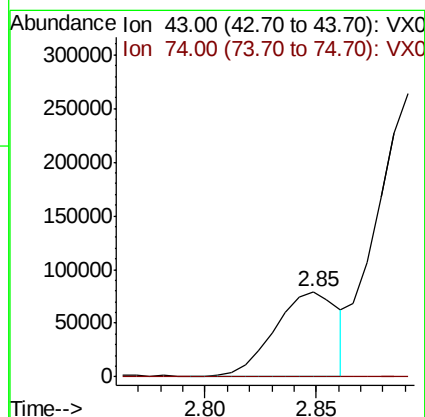
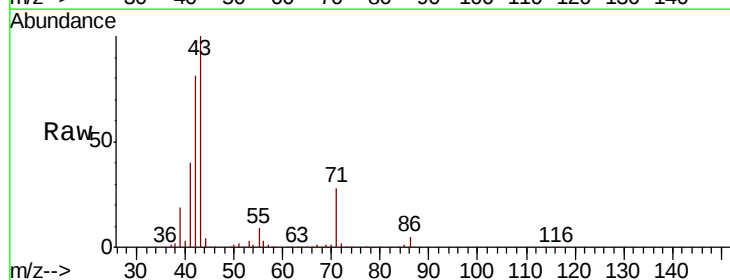
Acq: 18 Jul 2019 19:15

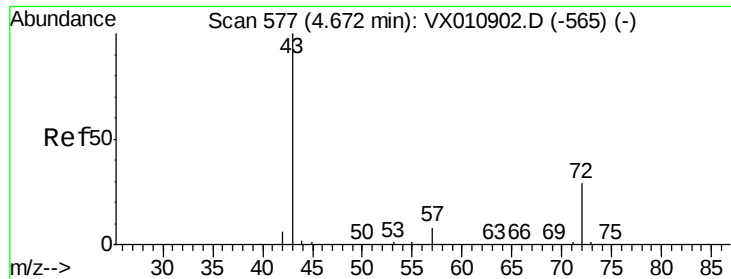
Tgt Ion: 43 Resp: 155133

Ion Ratio Lower Upper

43 100

74 0.1 21.5 32.3#





#25

2-Butanone

Concen: 1.018 ug/l

RT: 4.69 min Scan# 580

Delta R.T. 0.02 min

Lab File: VX010969.D

Acq: 18 Jul 2019 19:15

Instrument :

MSVOA_X

ClientSampleId :

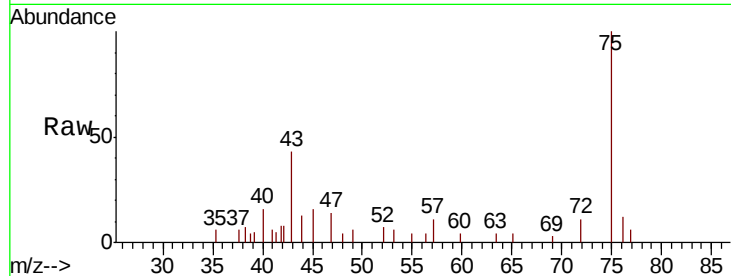
FL-0625

Tot Ion: 43 Resp: 1737

Ion Ratio Lower Upper

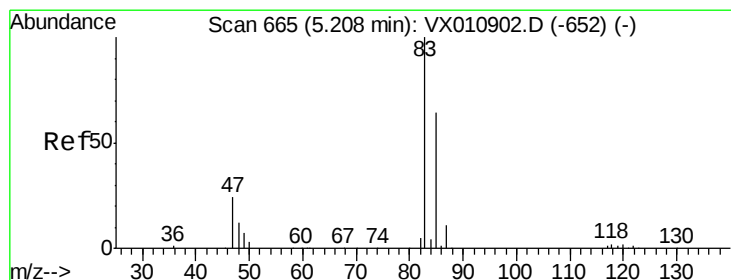
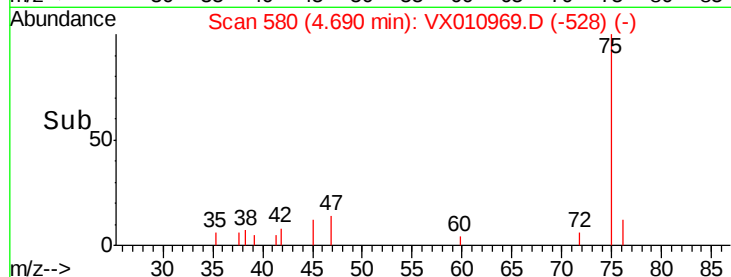
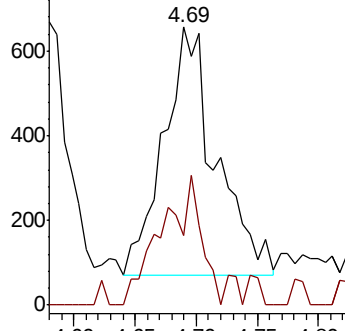
43 100

72 28.4 23.0 34.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#30

Chloroform

Concen: 0.961 ug/l

RT: 5.28 min Scan# 677

Delta R.T. 0.07 min

Lab File: VX010969.D

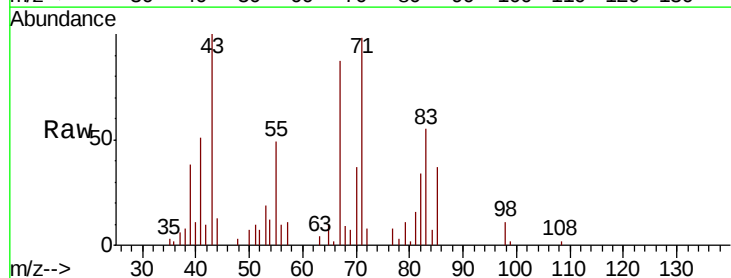
Acq: 18 Jul 2019 19:15

Tgt Ion: 83 Resp: 4072

Ion Ratio Lower Upper

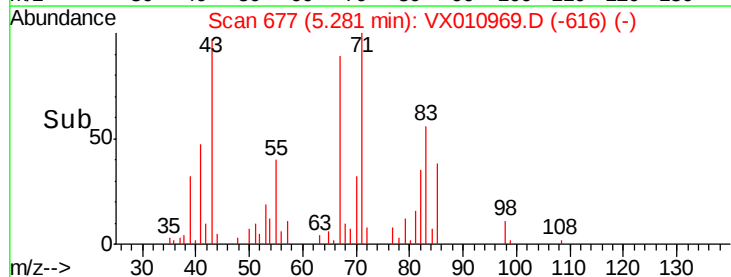
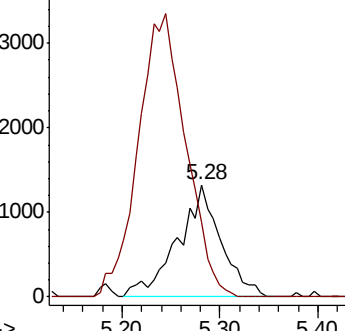
83 100

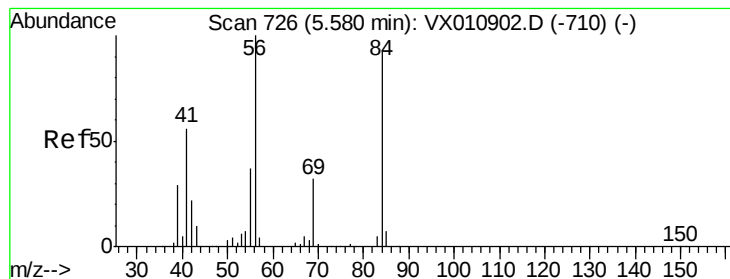
85 66.9 51.4 77.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 101.719 ug/l

RT: 5.59 min Scan# 727

Delta R.T. 0.01 min

Lab File: VX010969.D

Acq: 18 Jul 2019 19:15

Instrument :

MSVOA_X

ClientSampled :

FL-0625

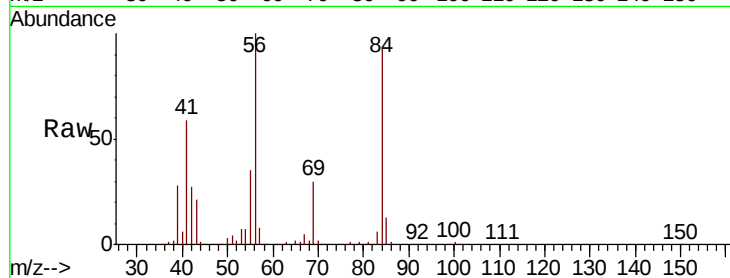
Tot Ion: 56 Resp: 363389

Ion Ratio Lower Upper

56 100

69 29.2 25.8 38.8

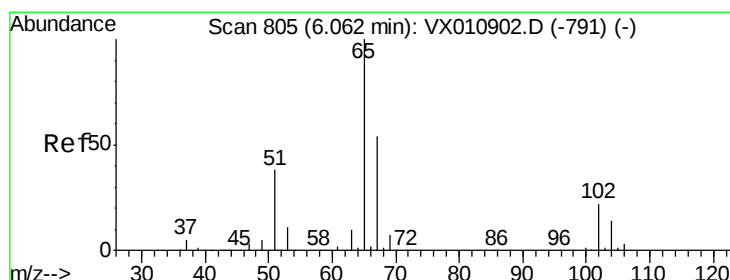
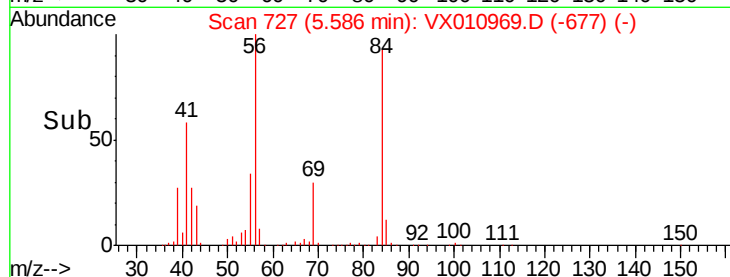
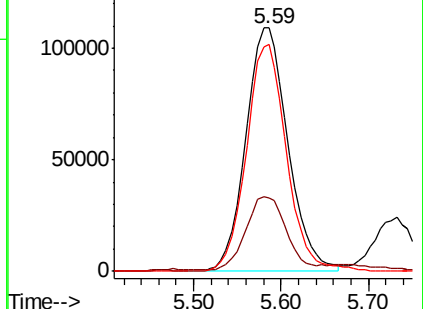
84 93.4 73.8 110.6



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 52.149 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX010969.D

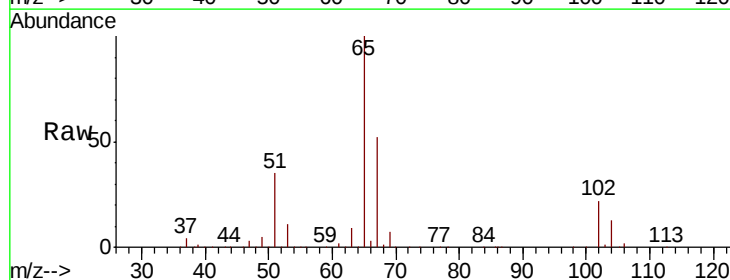
Acq: 18 Jul 2019 19:15

Tgt Ion: 65 Resp: 137210

Ion Ratio Lower Upper

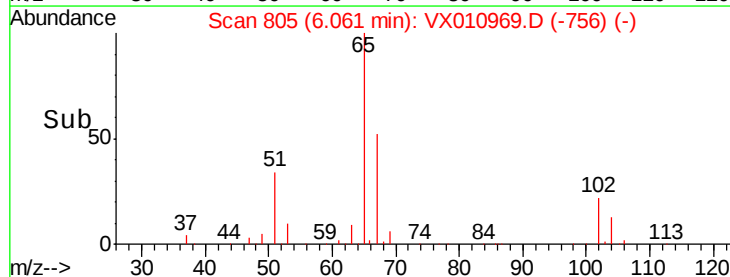
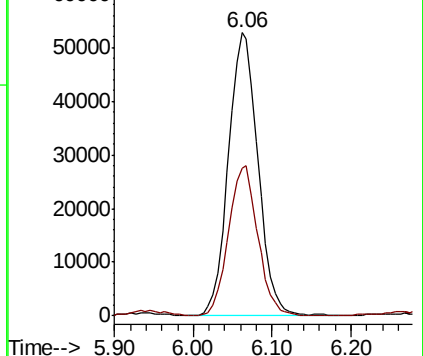
65 100

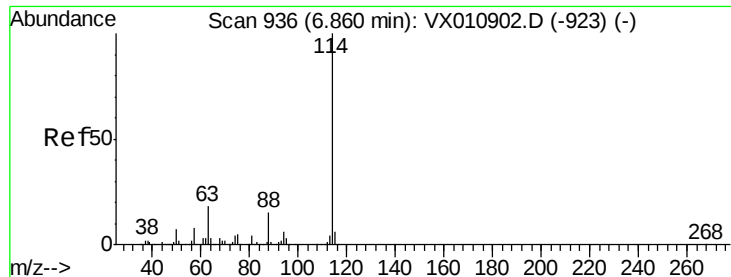
67 52.2 0.0 107.8



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: VX010969.D

Acq: 18 Jul 2019 19:15

Instrument :

MSVOA_X

ClientSampleId :

FL-0625

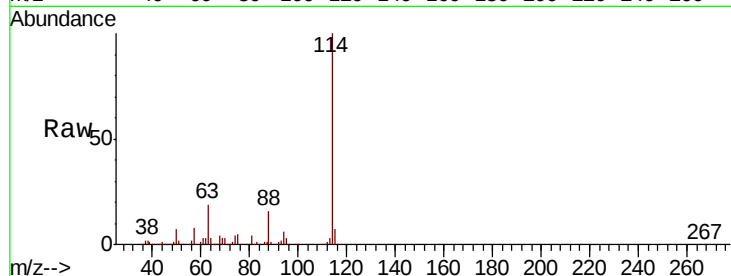
Tot Ion:114 Resp: 386036

Ion Ratio Lower Upper

114 100

63 19.4 0.0 35.6

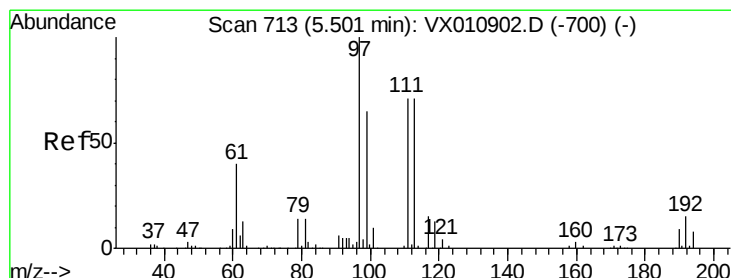
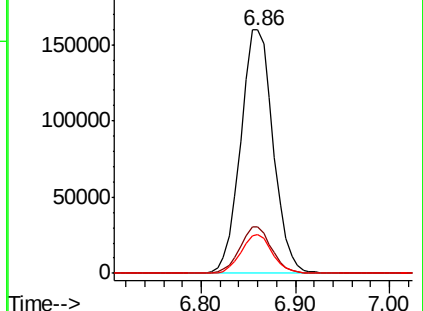
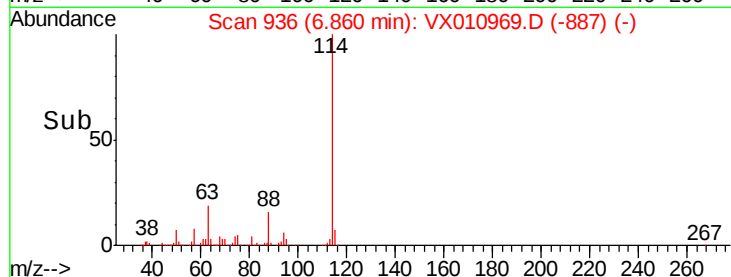
88 16.0 0.0 29.8



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: 48.966 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010969.D

Acq: 18 Jul 2019 19:15

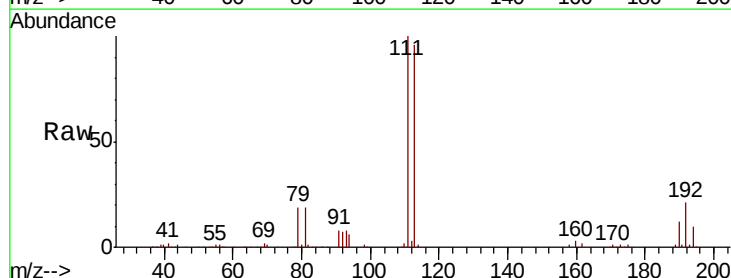
Tgt Ion:113 Resp: 119980

Ion Ratio Lower Upper

113 100

111 102.8 82.3 123.5

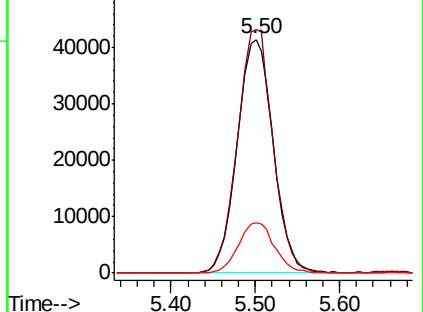
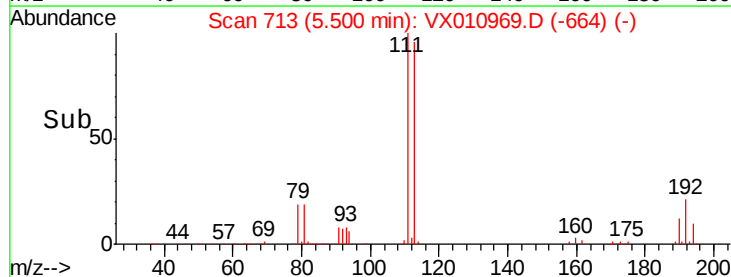
192 21.5 17.4 26.2

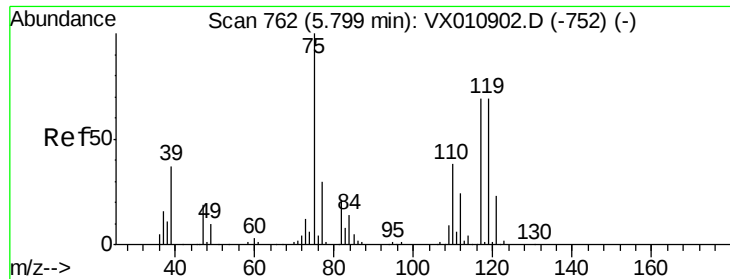


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

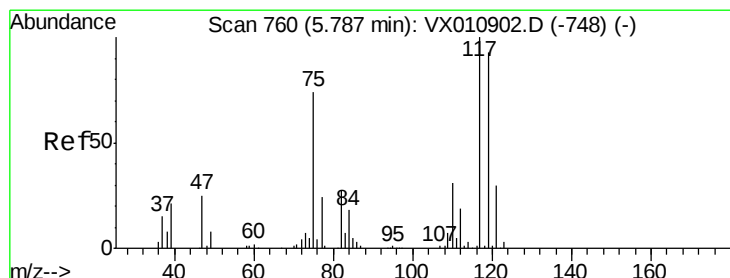
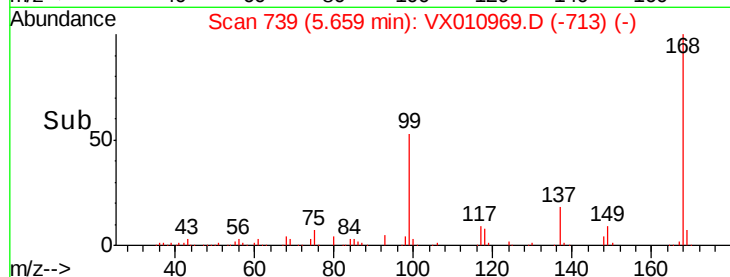
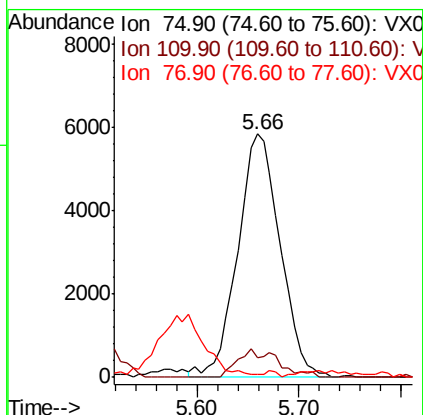
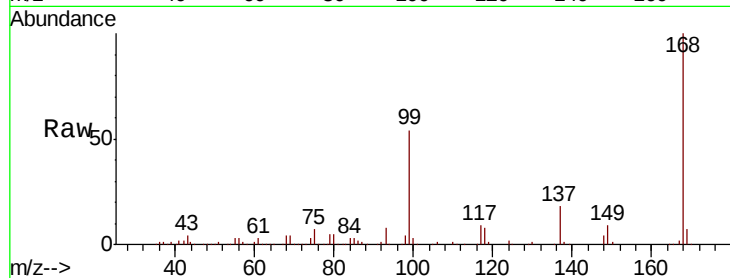




#36
 1,1-Dichloropropene
 Concen: 5.312 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX010969.D
 Acq: 18 Jul 2019 19:15

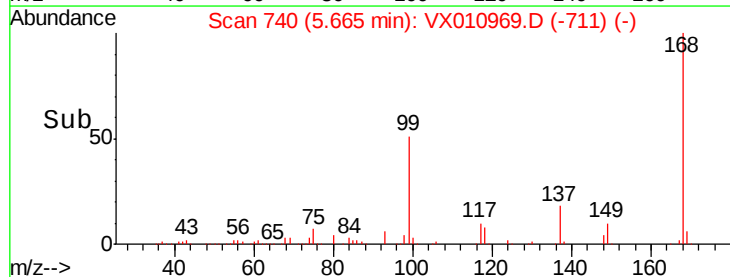
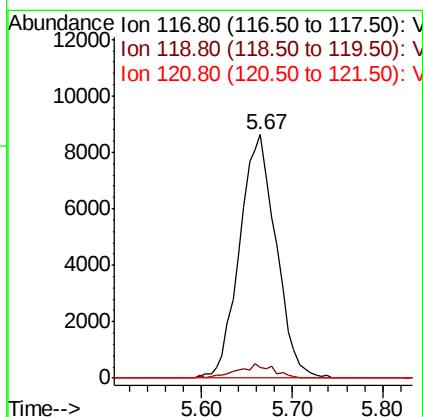
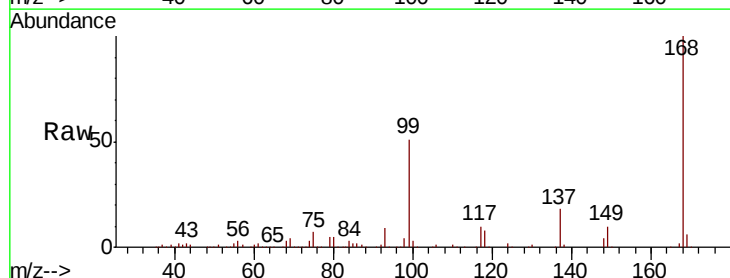
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0625

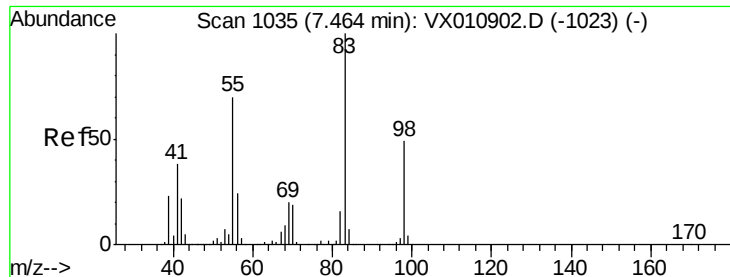
Tot Ion: 75 Resp: 16844
 Ion Ratio Lower Upper
 75 100
 110 11.0 19.9 59.7#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 7.258 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.12 min
 Lab File: VX010969.D
 Acq: 18 Jul 2019 19:15

Tgt Ion: 117 Resp: 23982
 Ion Ratio Lower Upper
 117 100
 119 4.2 74.2 111.2#
 121 0.0 24.2 36.2#

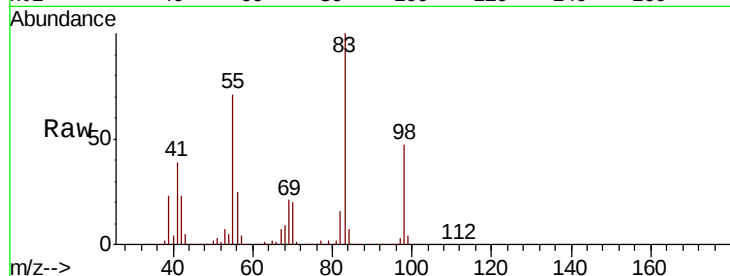




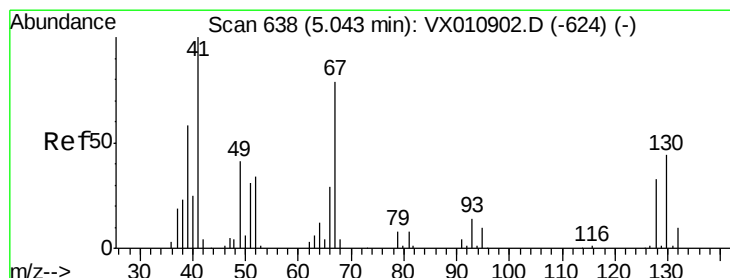
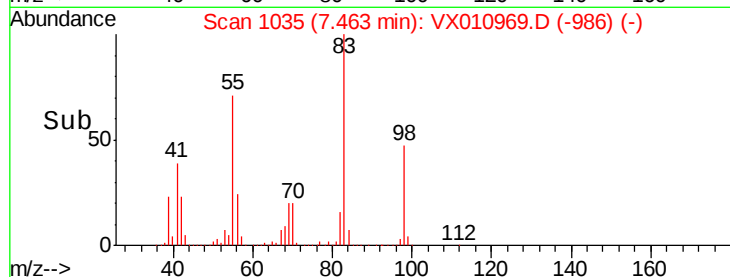
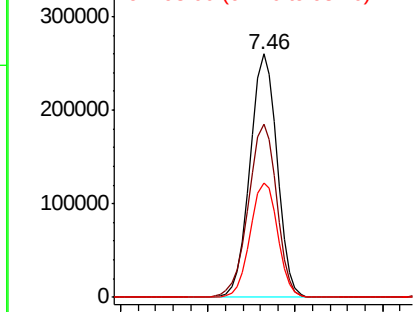
#39
Methvlcvclohexane
Concen: 136.304 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX010969.D
Acq: 18 Jul 2019 19:15

Instrument :
MSVOA_X
ClientSampleId :
FL-0625

Tot Ion: 83 Resp: 560496
Ion Ratio Lower Upper
83 100
55 71.3 56.2 84.4
98 47.0 39.0 58.4

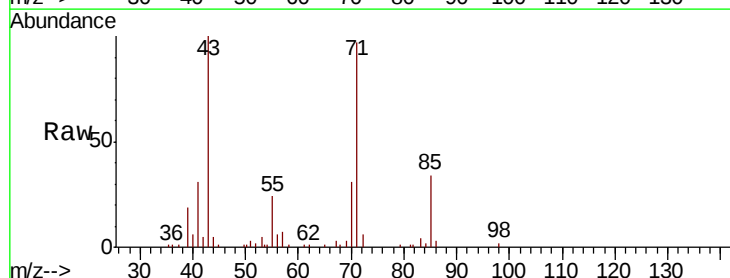


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

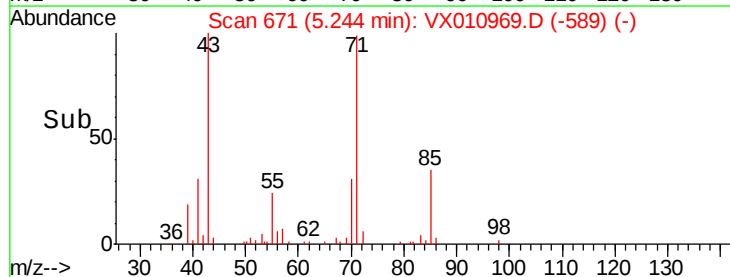
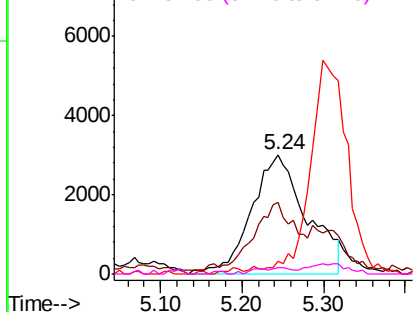


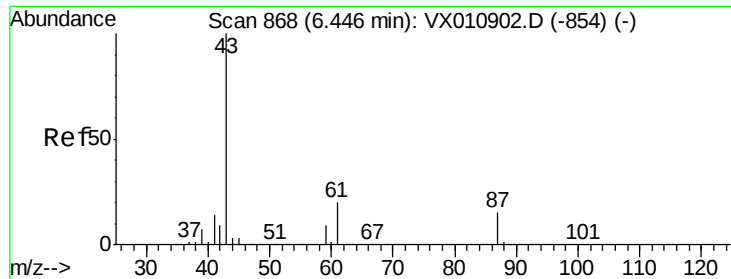
#41
Methacrylonitrile
Concen: 7.658 ug/l
RT: 5.24 min Scan# 671
Delta R.T. 0.20 min
Lab File: VX010969.D
Acq: 18 Jul 2019 19:15

Tgt Ion: 41 Resp: 14116
Ion Ratio Lower Upper
41 100
39 39.5 45.4 68.2#
67 0.0 65.9 98.9#
52 0.6 26.2 39.2#



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0





#43

Isopropyl Acetate

Concen: 1.185 ug/l

RT: 6.45 min Scan# 869

Delta R.T. 0.01 min

Lab File: VX010969.D

Acq: 18 Jul 2019 19:15

Instrument :

MSVOA_X

ClientSampleId :

FL-0625

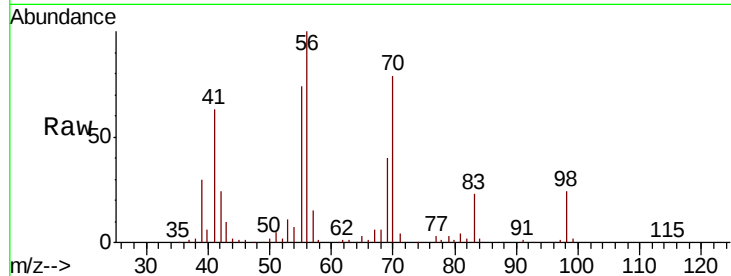
Tot Ion: 43 Resp: 6325

Ion Ratio Lower Upper

43 100

61 2.2 17.1 25.7#

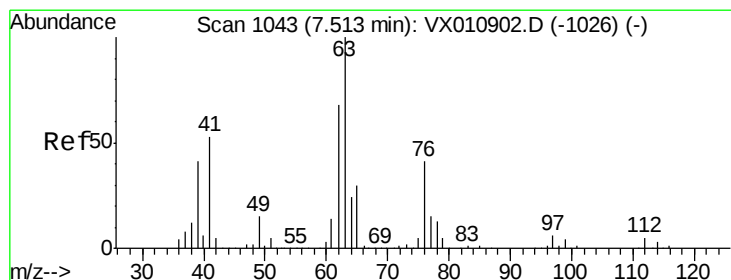
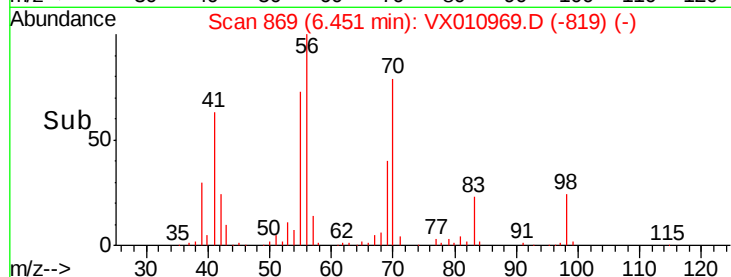
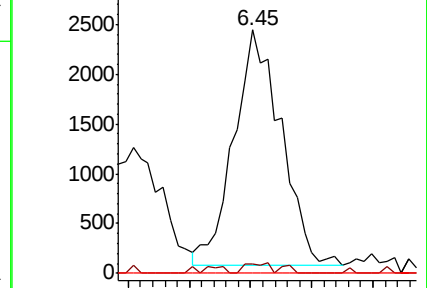
87 0.0 12.0 18.0#



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: 2.372 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. -0.05 min

Lab File: VX010969.D

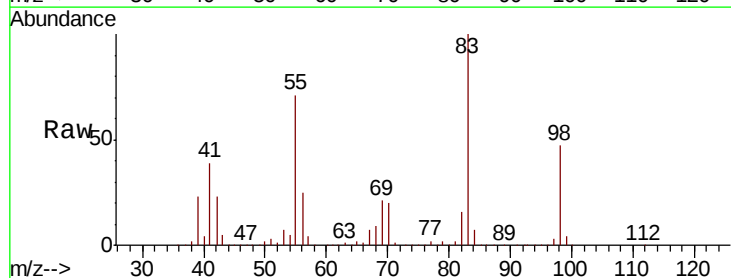
Acq: 18 Jul 2019 19:15

Tgt Ion: 63 Resp: 5863

Ion Ratio Lower Upper

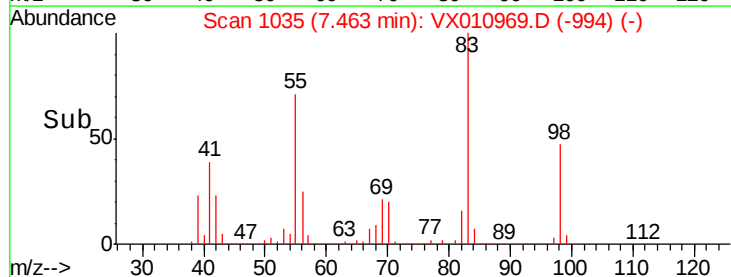
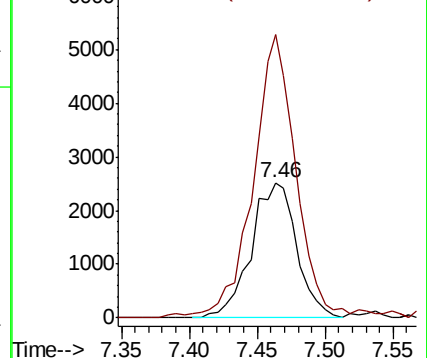
63 100

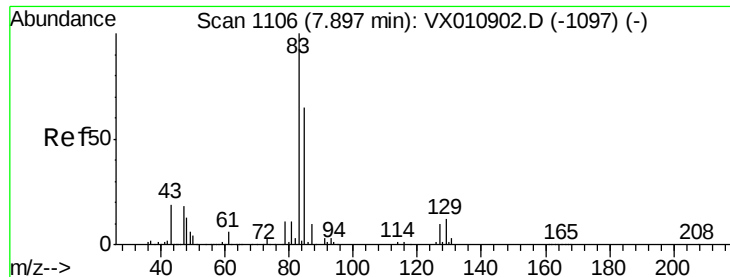
65 205.5 24.4 36.6#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0





#47

Bromodichloromethane

Concen: 0.511 ug/l

RT: 7.85 min Scan# 1099

Delta R.T. -0.04 min

Lab File: VX010969.D

Acq: 18 Jul 2019 19:15

Instrument :

MSVOA_X

ClientSampled :

FL-0625

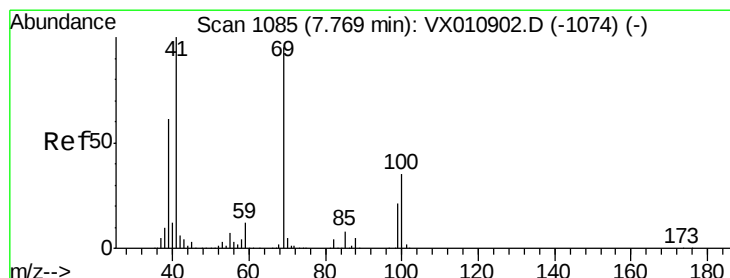
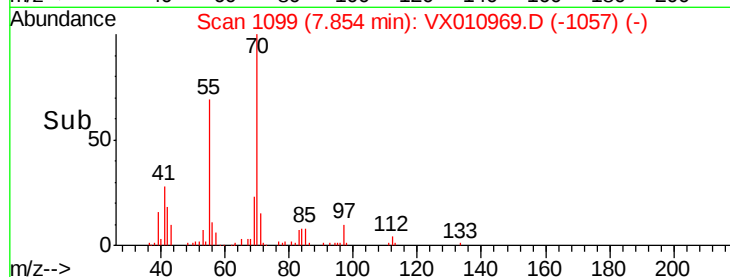
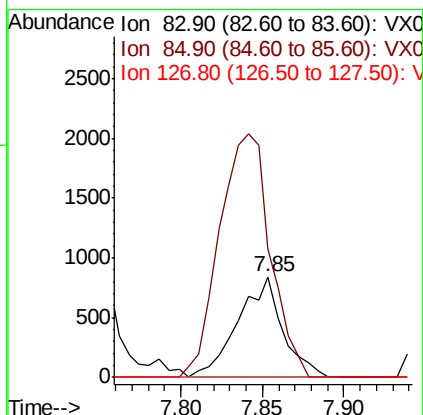
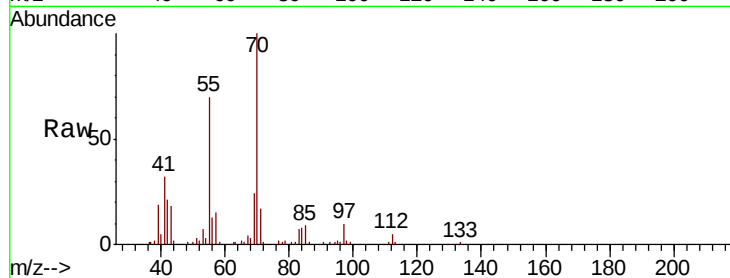
Tot Ion: 83 Resp: 1606

Ion Ratio Lower Upper

83 100

85 128.0 52.5 78.7#

127 0.0 7.8 11.8#



#48

Methyl methacrylate

Concen: 13.650 ug/l

RT: 7.73 min Scan# 1079

Delta R.T. -0.04 min

Lab File: VX010969.D

Acq: 18 Jul 2019 19:15

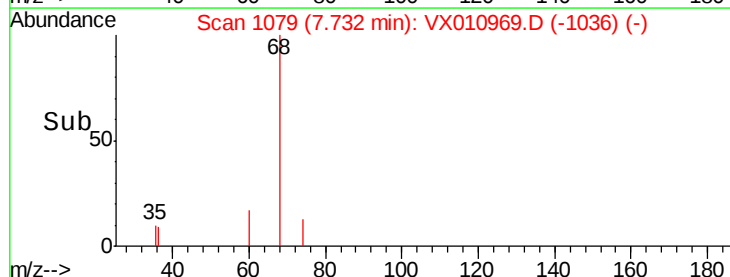
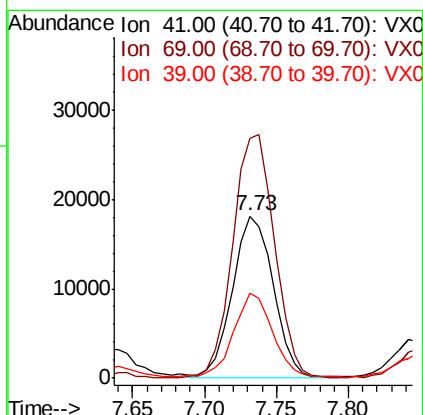
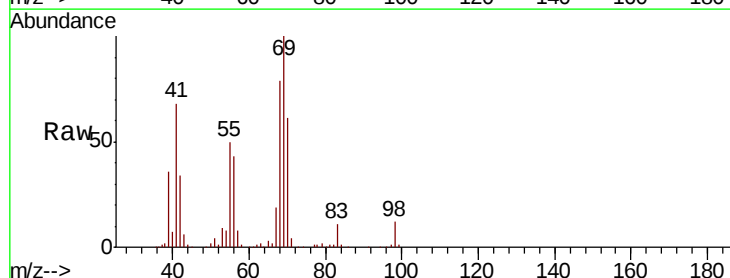
Tgt Ion: 41 Resp: 35502

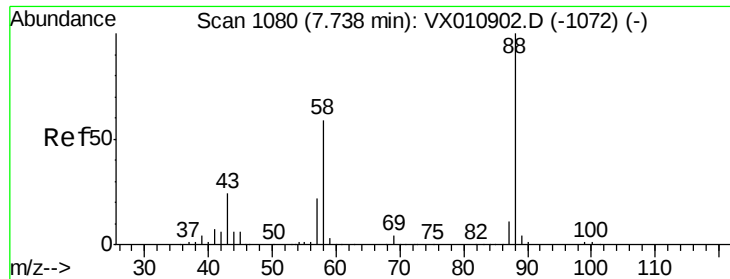
Ion Ratio Lower Upper

41 100

69 153.7 74.4 111.6#

39 49.5 48.9 73.3

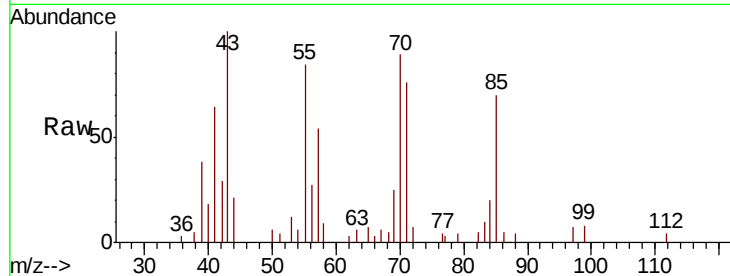




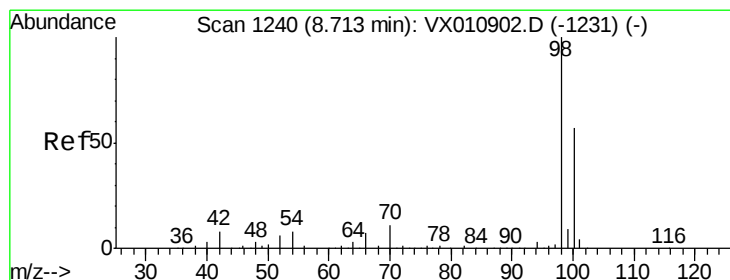
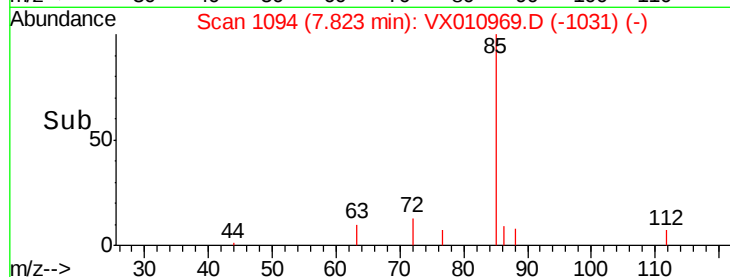
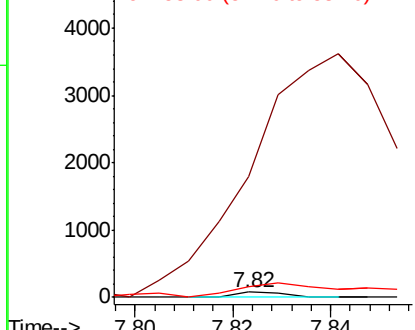
#49
1,4-Dioxane
Concen: 0.701 ug/l
RT: 7.82 min Scan# 1094
Delta R.T. 0.09 min
Lab File: VX010969.D
Acq: 18 Jul 2019 19:15

Instrument :
MSVOA_X
ClientSampleId :
FL-0625

Tot Ion: 88 Resp: 51
Ion Ratio Lower Upper
88 100
43 15525.5 22.9 34.3#
58 902.0 49.8 74.8#

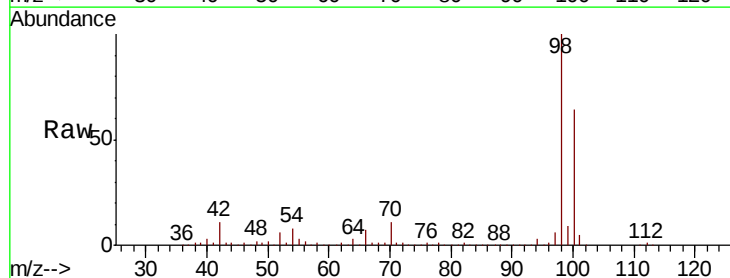


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

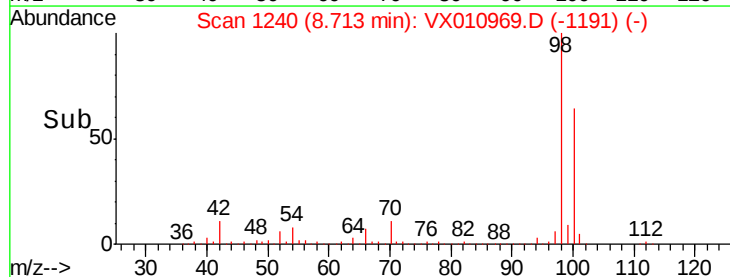
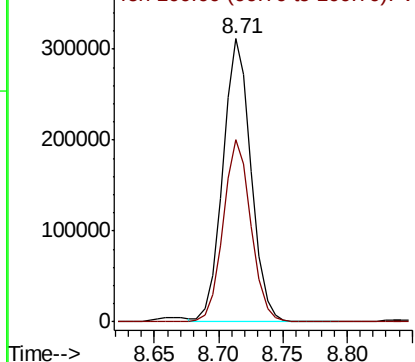


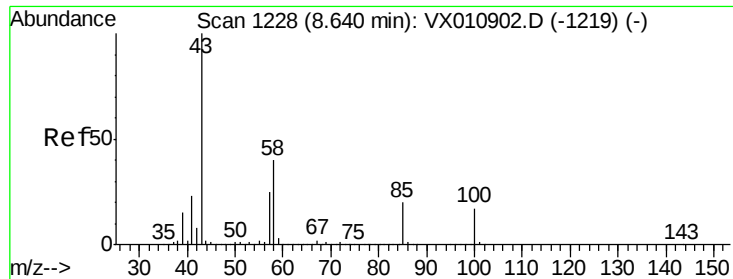
#50
Toluene-d8
Concen: 52.042 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX010969.D
Acq: 18 Jul 2019 19:15

Tgt Ion: 98 Resp: 478268
Ion Ratio Lower Upper
98 100
100 63.6 50.6 75.8



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

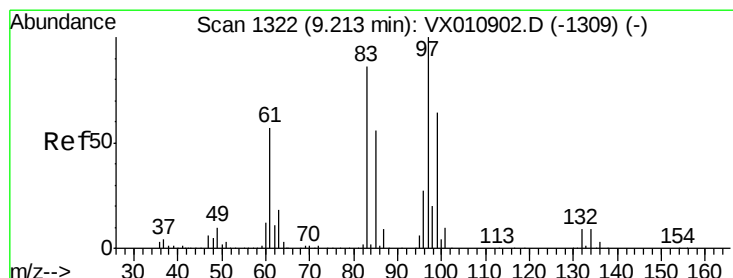
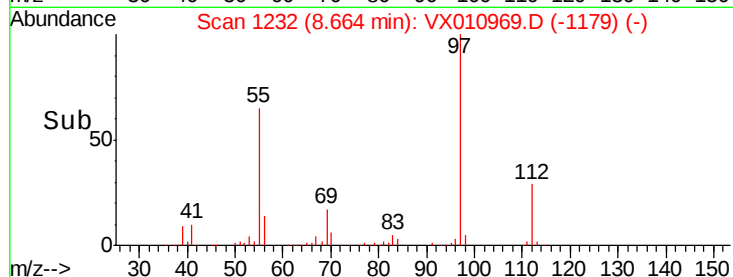
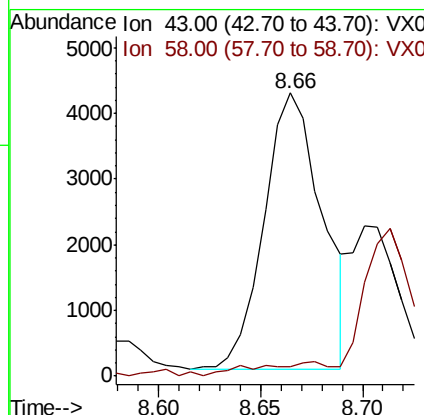
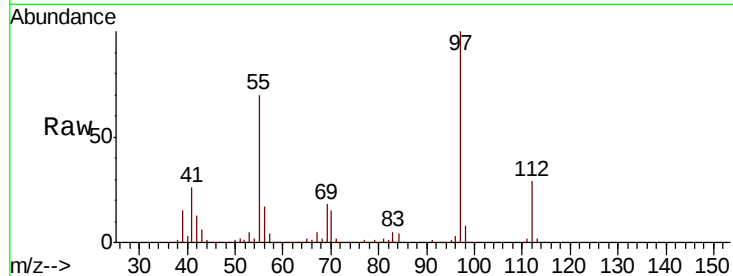




#51
 4-Methyl-2-Pentanone
 Concen: 2.406 ug/l
 RT: 8.66 min Scan# 1232
 Delta R.T. 0.02 min
 Lab File: VX010969.D
 Acq: 18 Jul 2019 19:15

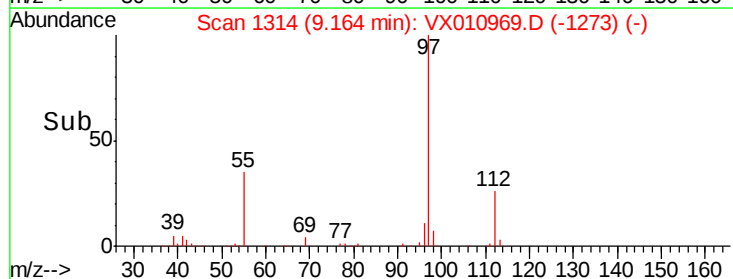
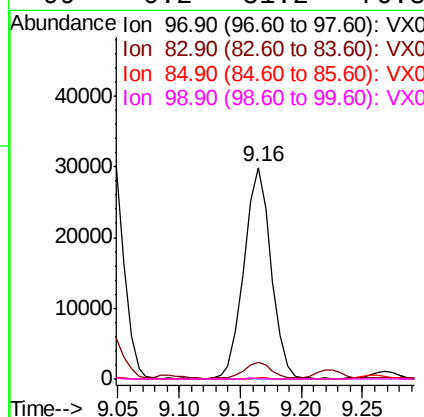
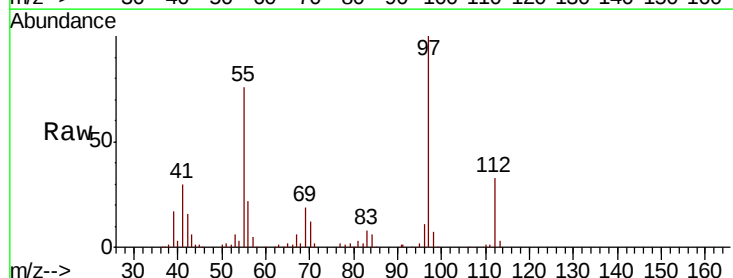
Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0625

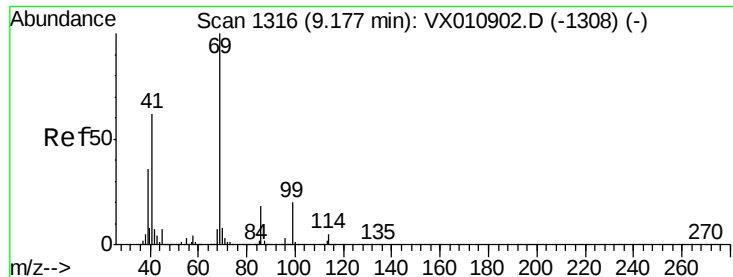
Tot Ion: 43 Resp: 8328
 Ion Ratio Lower Upper
 43 100
 58 0.0 32.2 48.4#



#55
 1,1,2-Trichloroethane
 Concen: 17.567 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.05 min
 Lab File: VX010969.D
 Acq: 18 Jul 2019 19:15

Tgt Ion: 97 Resp: 46153
 Ion Ratio Lower Upper
 97 100
 83 7.2 69.2 103.8#
 85 0.4 44.6 66.8#
 99 0.2 51.2 76.8#





#56

Ethyl methacrylate

Concen: 2.379 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.01 min

Lab File: VX010969.D

Acq: 18 Jul 2019 19:15

Instrument :

MSVOA_X

ClientSampled :

FL-0625

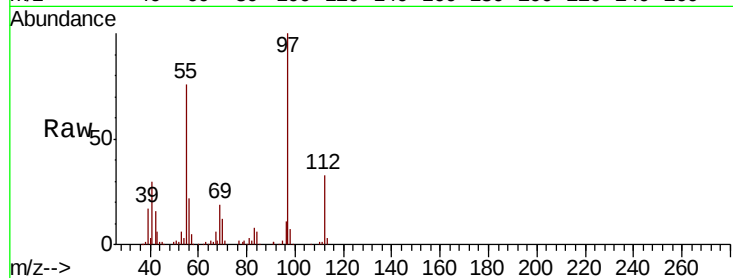
Tot Ion: 69 Resp: 9143

Ion Ratio Lower Upper

69 100

41 159.9 49.7 74.5#

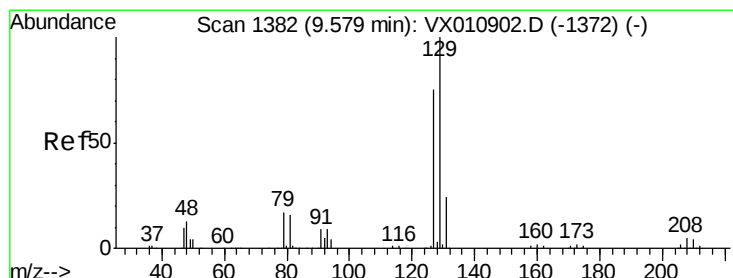
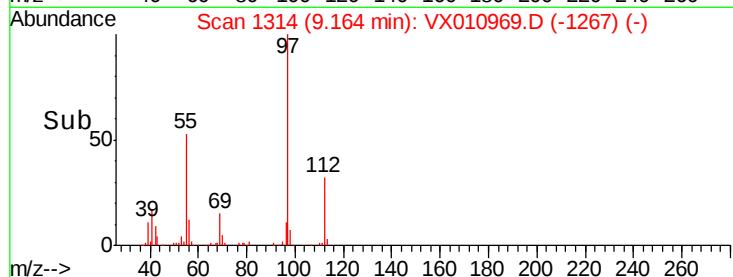
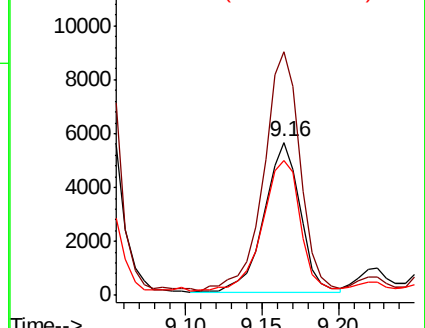
39 88.7 29.6 44.4#



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#60

Dibromochloromethane

Concen: 2.535 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.24 min

Lab File: VX010969.D

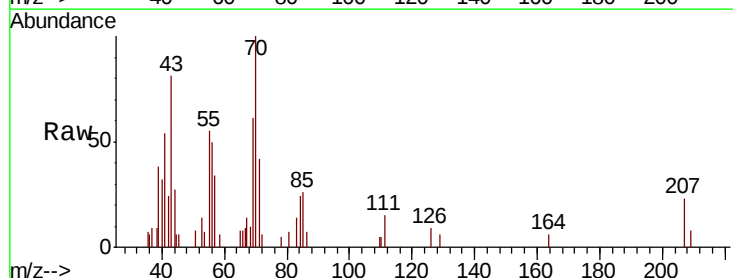
Acq: 18 Jul 2019 19:15

Tgt Ion: 129 Resp: 22

Ion Ratio Lower Upper

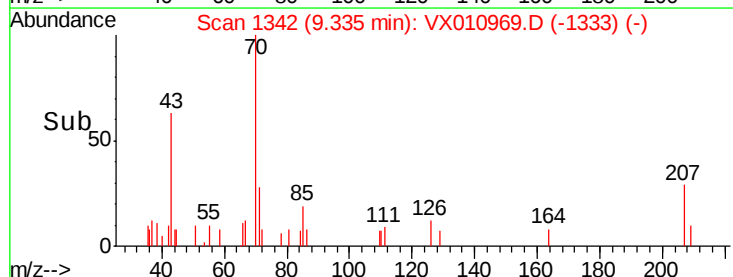
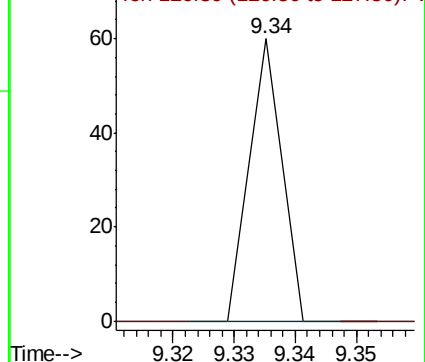
129 100

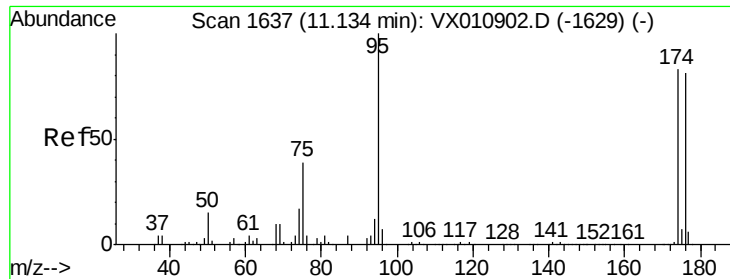
127 0.0 38.6 115.8#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V





#62

4-Bromofluorobenzene

Concen: 55.848 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX010969.D

Acq: 18 Jul 2019 19:15

Instrument :

MSVOA_X

ClientSampleId :

FL-0625

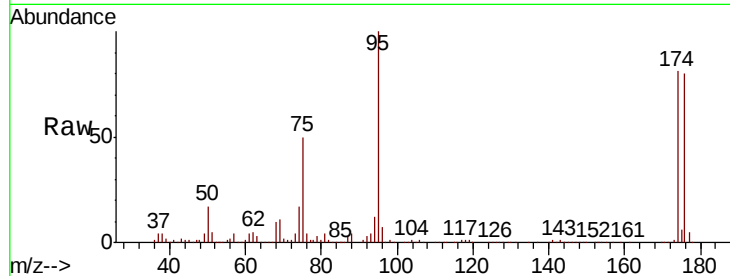
Tot Ion: 95 Resp: 188652

Ion Ratio Lower Upper

95 100

174 87.5 0.0 180.6

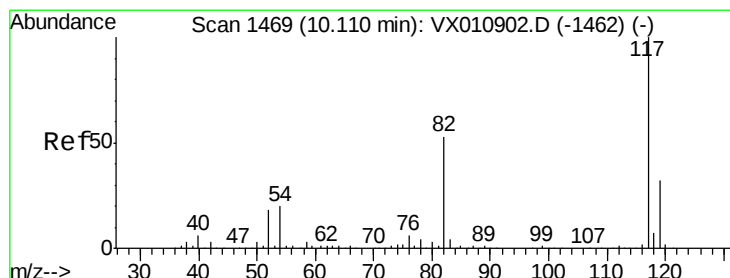
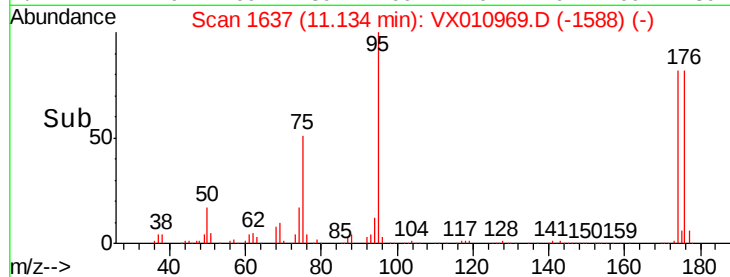
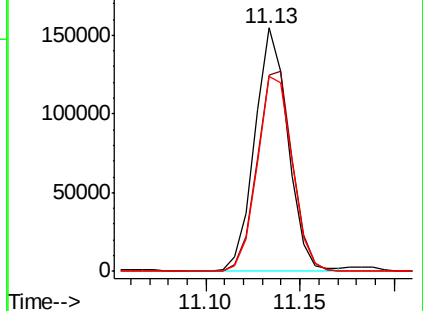
176 84.6 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VX010902.D (-1629) (-)

Ion 173.80 (173.50 to 174.50): VX010902.D (-1629) (-)

Ion 175.80 (175.50 to 176.50): VX010902.D (-1629) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX010969.D

Acq: 18 Jul 2019 19:15

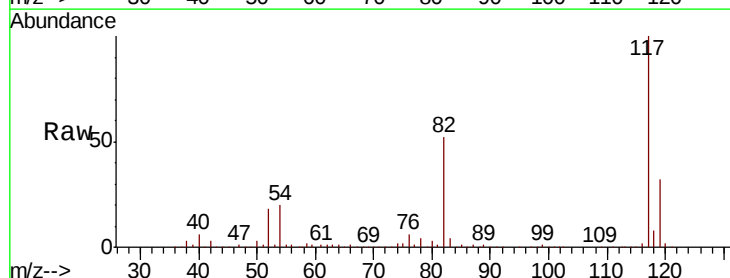
Tgt Ion: 117 Resp: 372128

Ion Ratio Lower Upper

117 100

82 52.2 42.6 63.8

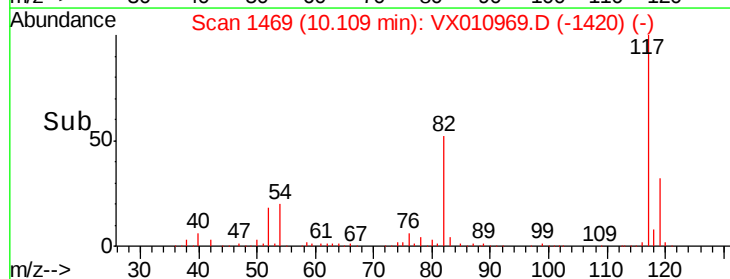
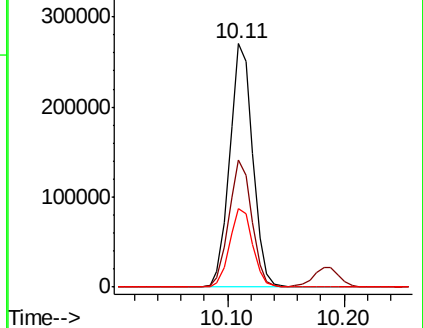
119 32.2 25.9 38.9

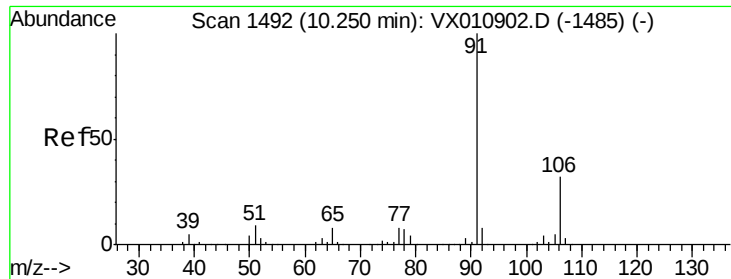


Abundance Ion 116.90 (116.60 to 117.60): VX010902.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX010902.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX010902.D (-1462) (-)





#67

Ethyl Benzene

Concen: 351.878 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX010969.D

Acq: 18 Jul 2019 19:15

Instrument :

MSVOA_X

ClientSampleId :

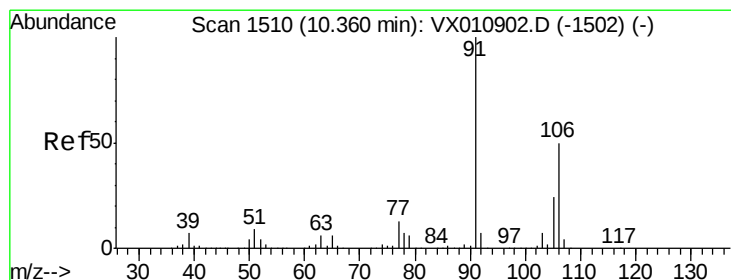
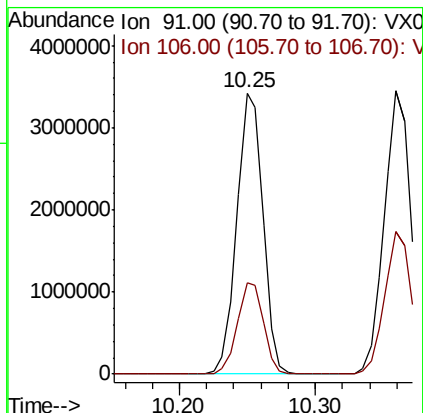
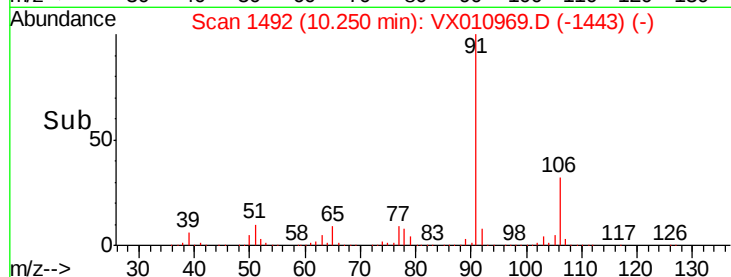
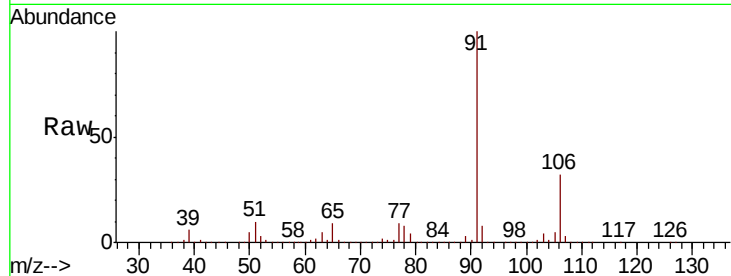
FL-0625

Tot Ion: 91 Resp: 4577818

Ion Ratio Lower Upper

91 100

106 32.4 25.4 38.2



#68

m/p-Xylenes

Concen: 469.188 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX010969.D

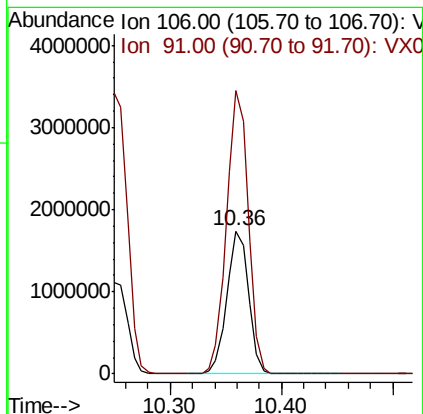
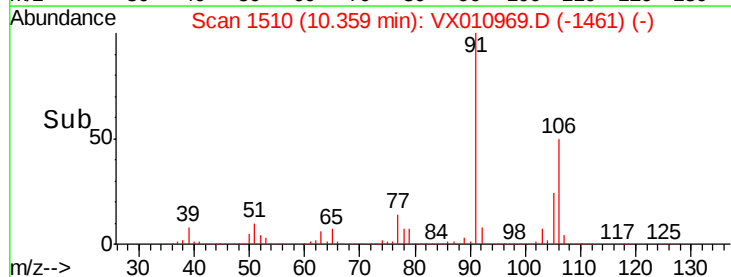
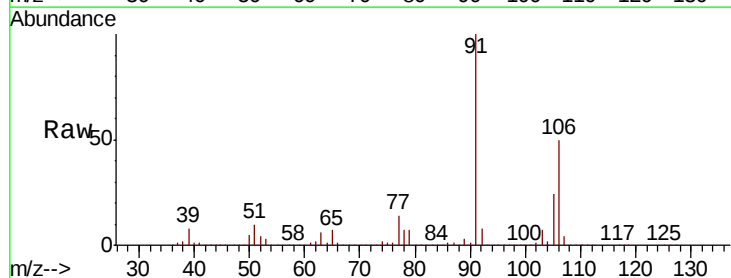
Acq: 18 Jul 2019 19:15

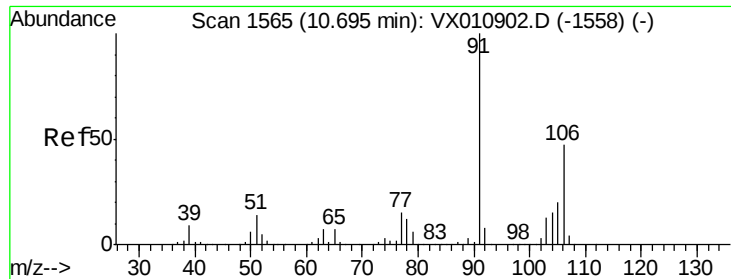
Tgt Ion: 106 Resp: 2341434

Ion Ratio Lower Upper

106 100

91 199.1 160.1 240.1

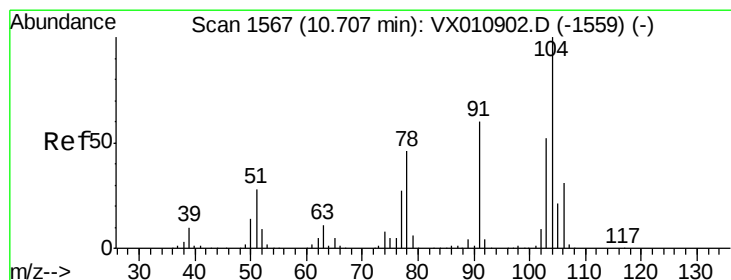
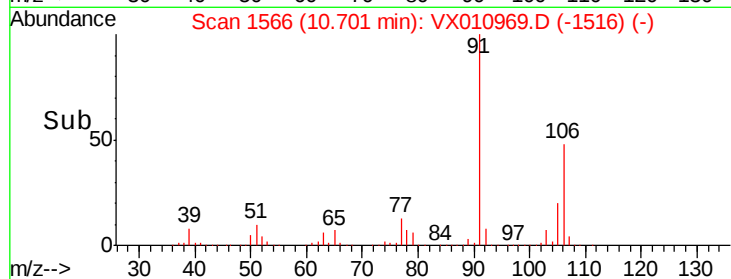
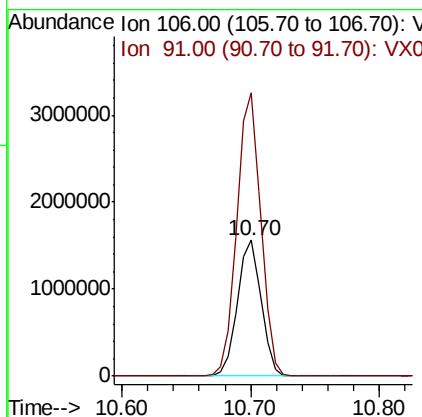
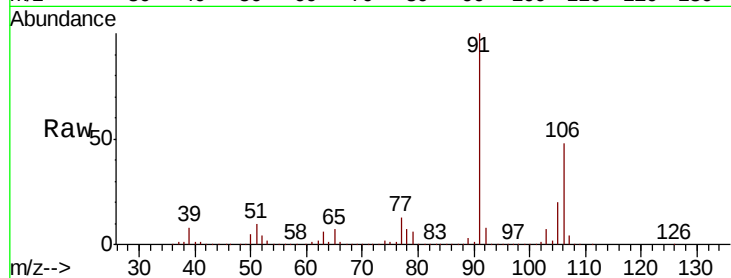




#69
o-Xylene
Concen: 409.370 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX010969.D
Acq: 18 Jul 2019 19:15

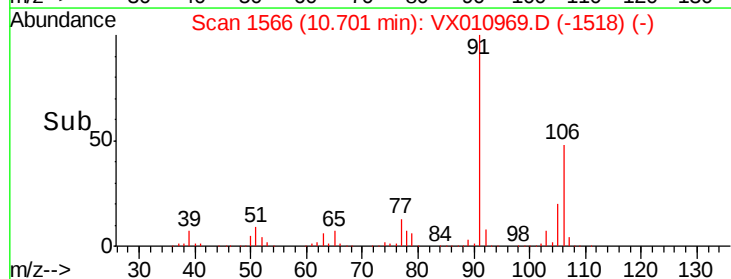
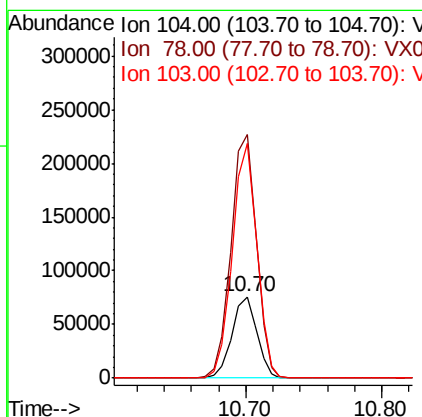
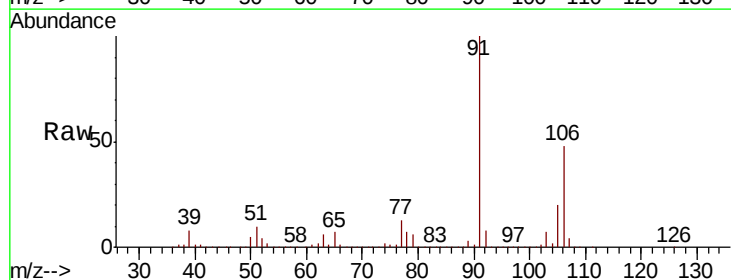
Instrument :
MSVOA_X
ClientSampled :
FL-0625

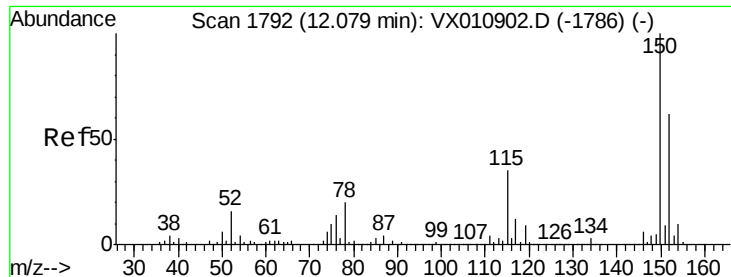
Tot Ion:106 Resp: 1993785
Ion Ratio Lower Upper
106 100
91 211.2 105.1 315.3



#70
Styrene
Concen: 11.966 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.01 min
Lab File: VX010969.D
Acq: 18 Jul 2019 19:15

Tgt Ion:104 Resp: 97154
Ion Ratio Lower Upper
104 100
78 304.3 38.8 58.2#
103 283.2 44.2 66.4#



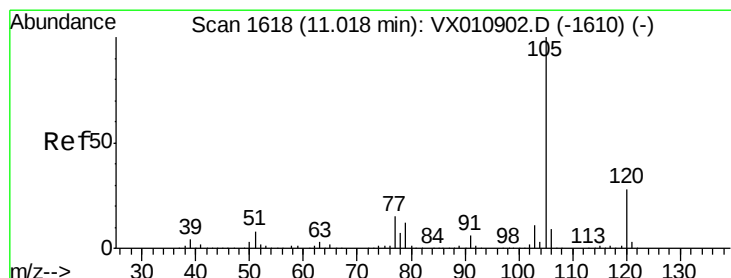
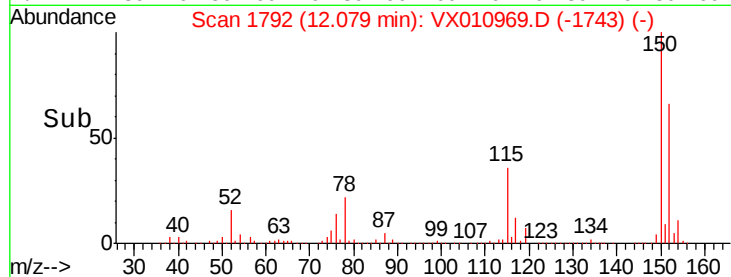
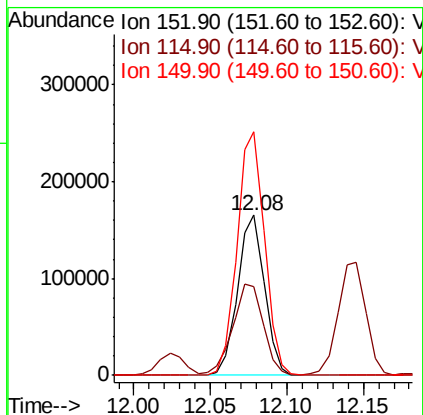
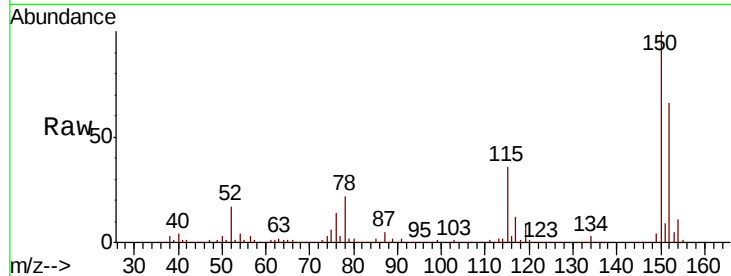


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010969.D
Acq: 18 Jul 2019 19:15

Instrument :
MSVOA_X
ClientSampleId :
FL-0625

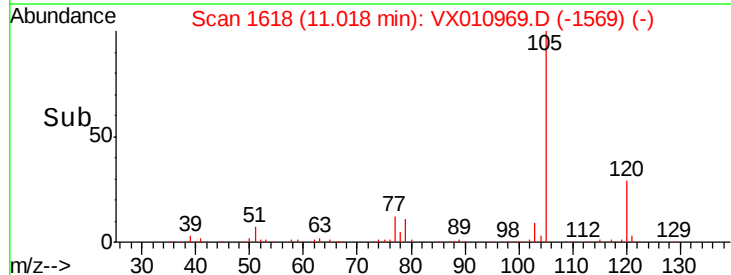
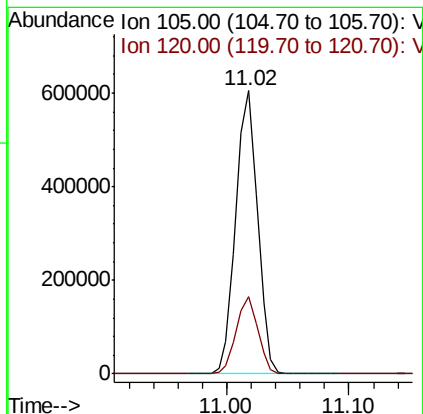
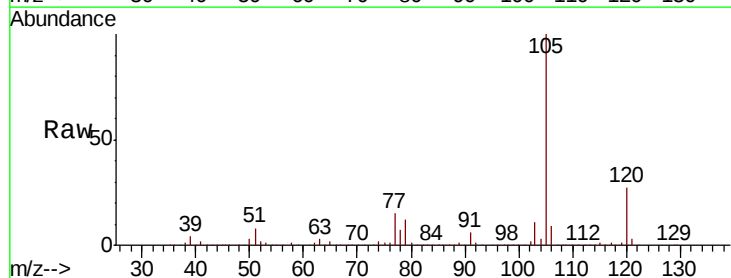
Tot Ion:152 Resp: 201555
Ion Ratio Lower Upper
152 100
115 64.2 39.7 119.1
150 154.9 0.0 345.6

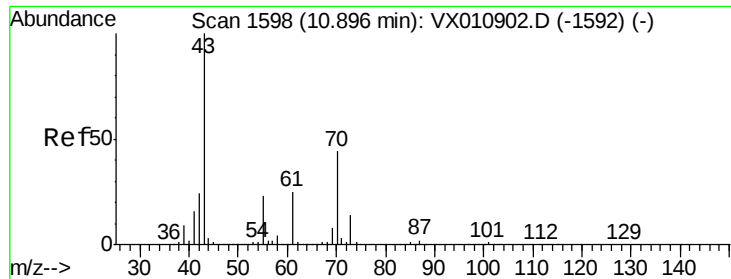


#73

Isopropylbenzene
Concen: 54.590 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX010969.D
Acq: 18 Jul 2019 19:15

Tgt Ion:105 Resp: 743465
Ion Ratio Lower Upper
105 100
120 27.2 13.7 41.1





#74

N-amvl acetate

Concen: 0.644 ug/l

RT: 10.91 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VX010969.D

Acq: 18 Jul 2019 19:15

Instrument :

MSVOA_X

ClientSampled :

FL-0625

Tot Ion: 43 Resp: 3352

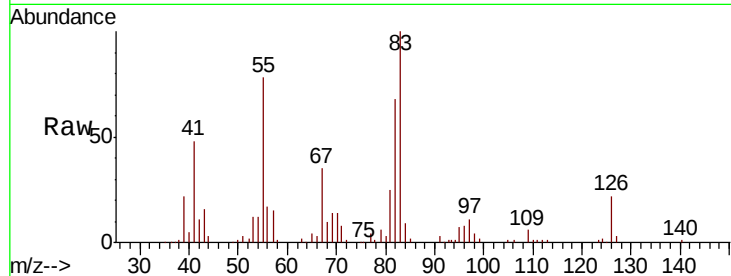
Ion Ratio Lower Upper

43 100

70 132.1 34.7 52.1#

55 549.9 19.1 28.7#

61 0.0 19.9 29.9#

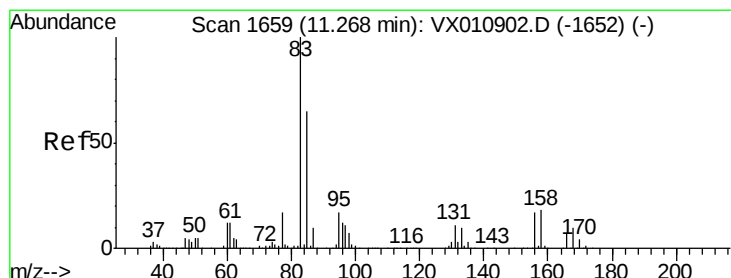
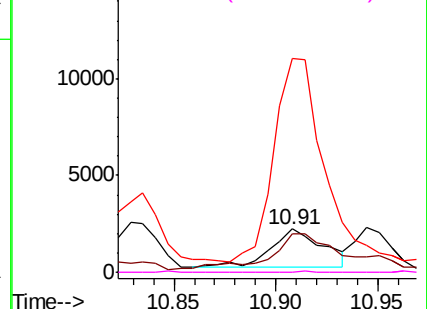
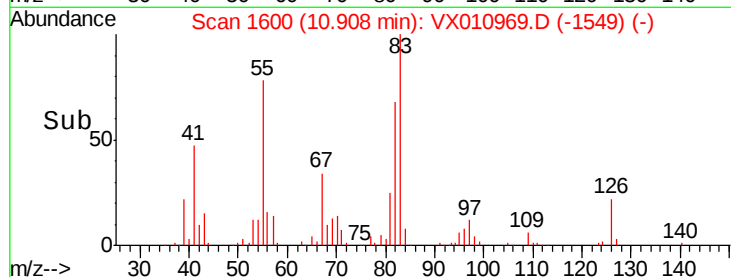


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 0.622 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX010969.D

Acq: 18 Jul 2019 19:15

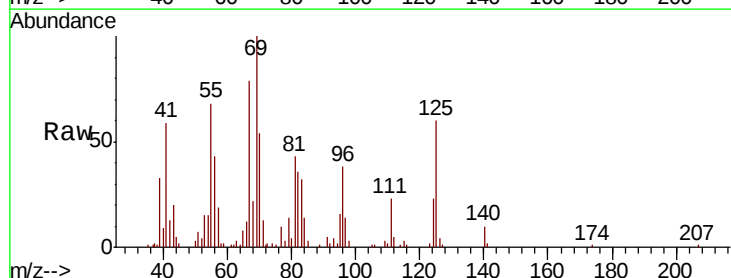
Tgt Ion: 83 Resp: 2774

Ion Ratio Lower Upper

83 100

131 1.1 5.5 16.4#

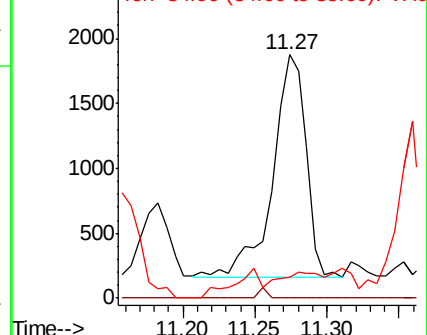
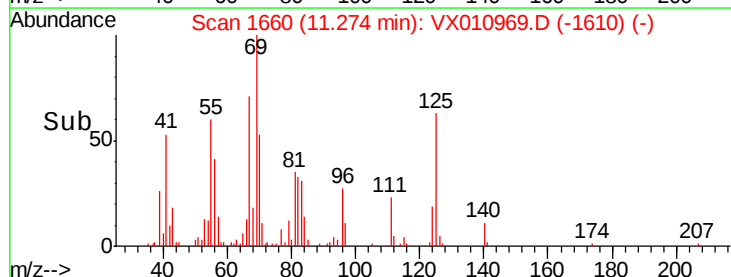
85 0.0 32.3 96.9#

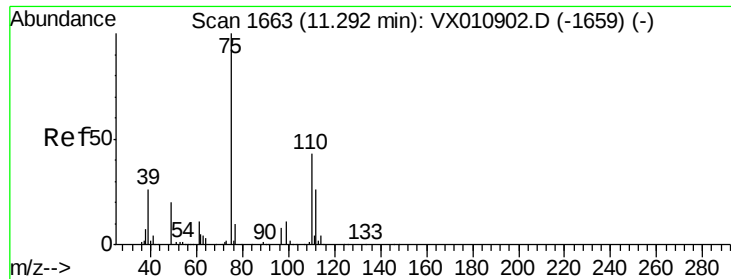


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 2.070 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.07 min

Lab File: VX010969.D

Acq: 18 Jul 2019 19:15

Instrument :

MSVOA_X

ClientSampleId :

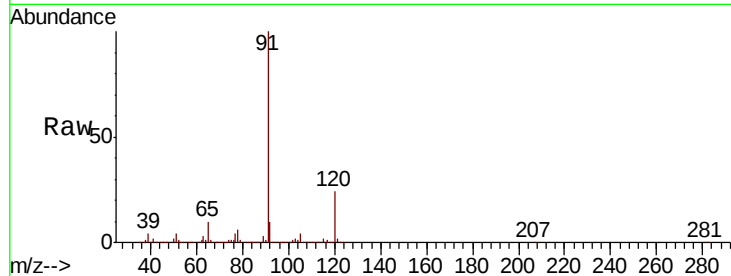
FL-0625

Tot Ion: 75 Resp: 7528

Ion Ratio Lower Upper

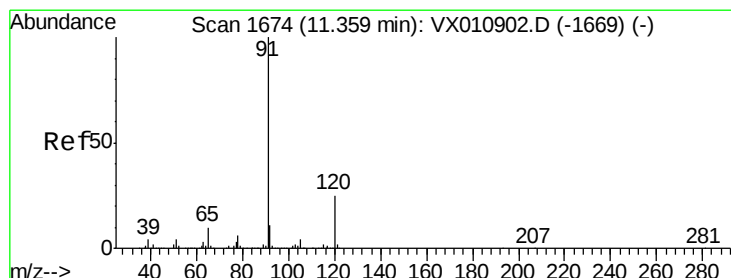
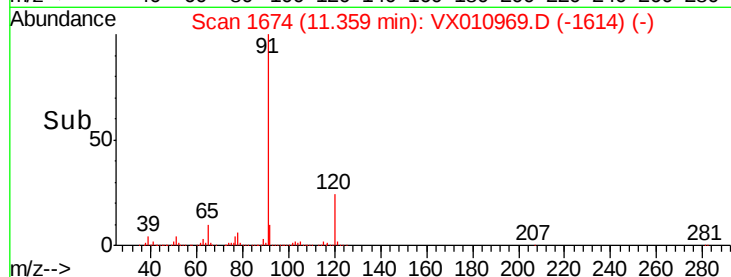
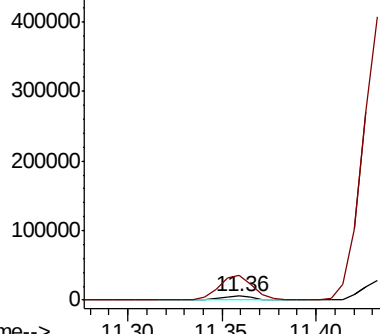
75 100

77 596.7 21.3 64.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#78

n-propylbenzene

Concen: 75.540 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010969.D

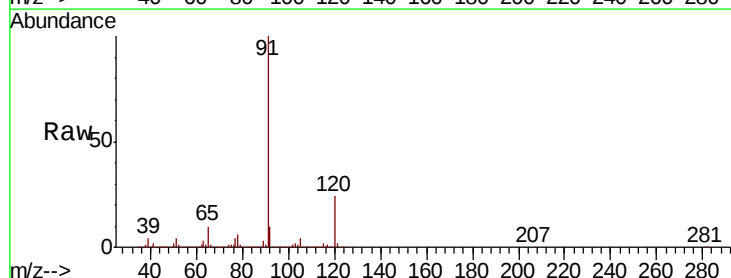
Acq: 18 Jul 2019 19:15

Tgt Ion: 91 Resp: 1136723

Ion Ratio Lower Upper

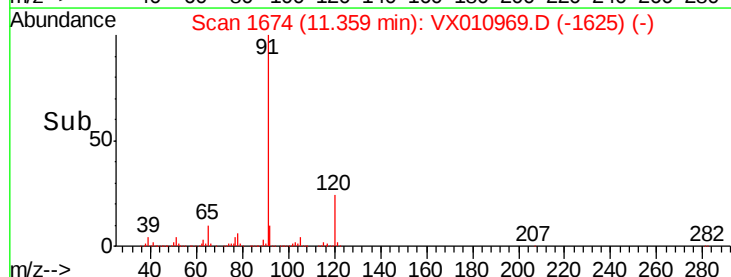
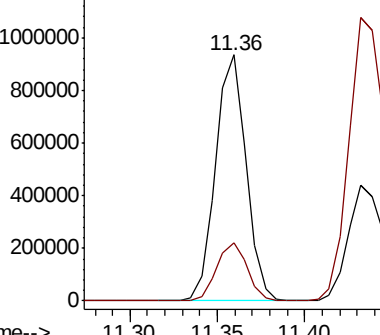
91 100

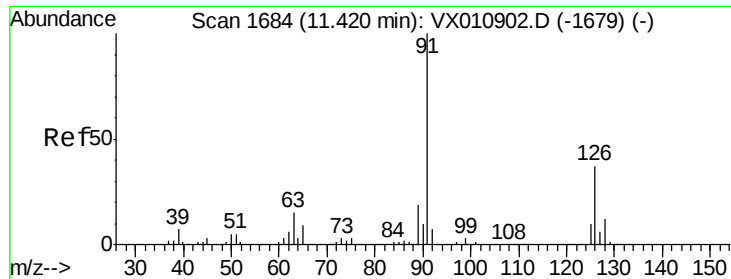
120 23.8 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

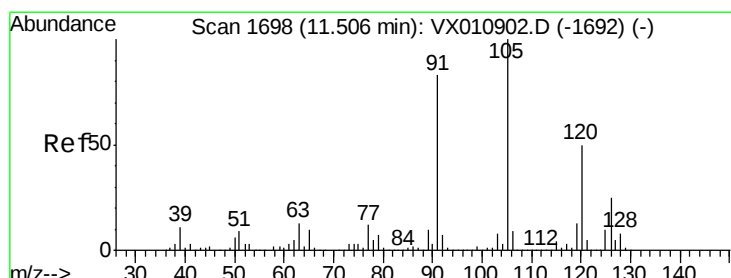
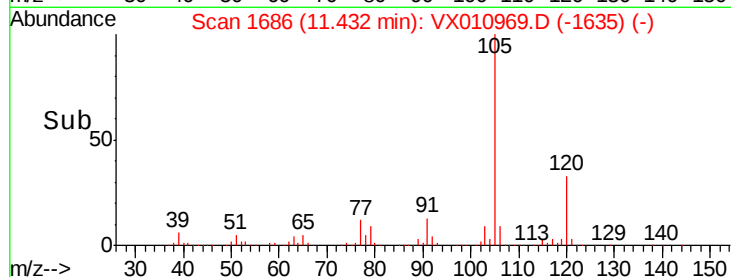
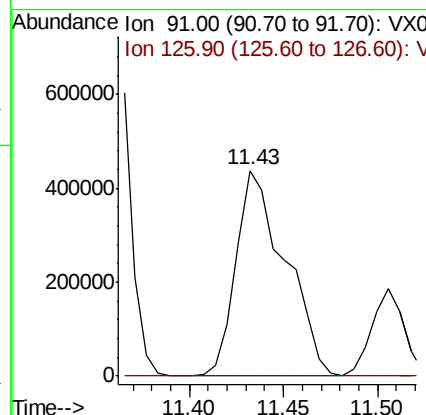
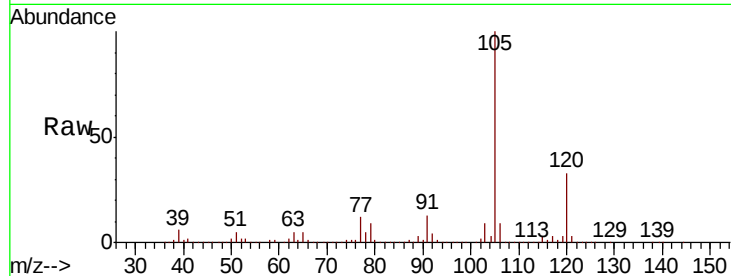




#79
 2-Chlorotoluene
 Concen: 87.938 ug/l
 RT: 11.43 min Scan# 1686
 Delta R.T. 0.01 min
 Lab File: VX010969.D
 Acq: 18 Jul 2019 19:15

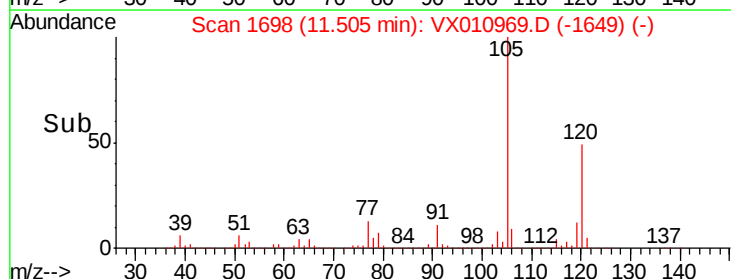
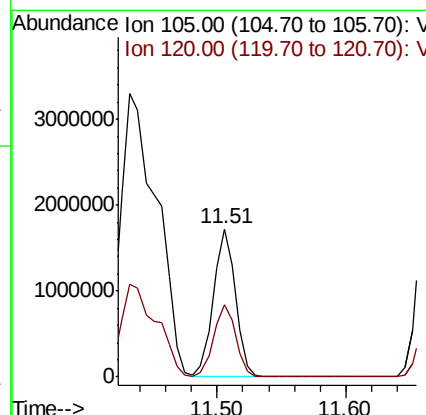
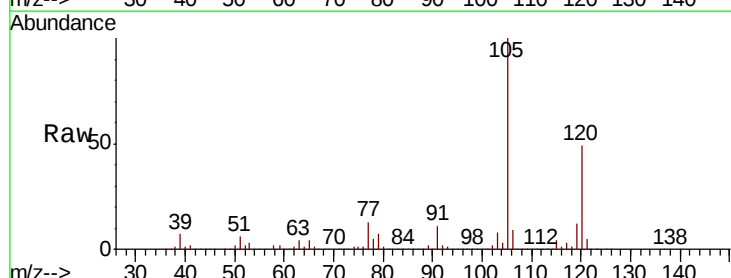
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0625

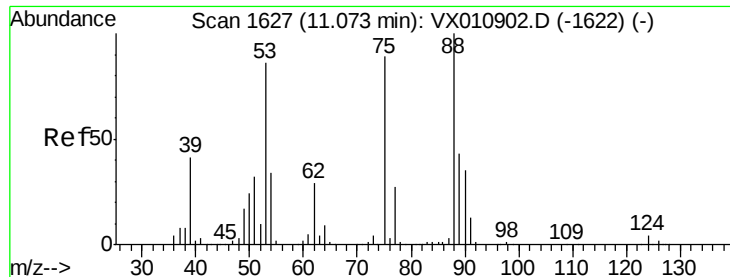
Tot Ion: 91 Resp: 794930
 Ion Ratio Lower Upper
 91 100
 126 0.0 18.0 54.0#



#80
 1,3,5-Trimethylbenzene
 Concen: 180.874 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX010969.D
 Acq: 18 Jul 2019 19:15

Tgt Ion:105 Resp: 2058366
 Ion Ratio Lower Upper
 105 100
 120 49.0 24.6 73.8





#81

trans-1,4-Dichloro-2-butene

Concen: 9.809 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.05 min

Lab File: VX010969.D

Acq: 18 Jul 2019 19:15

Instrument :

MSVOA_X

ClientSampleId :

FL-0625

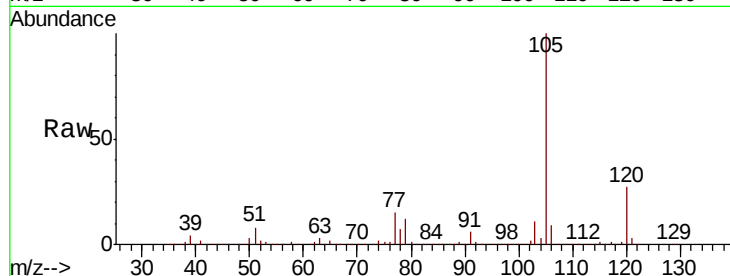
Tot Ion: 75 Resp: 9092

Ion Ratio Lower Upper

75 100

53 91.7 76.7 115.1

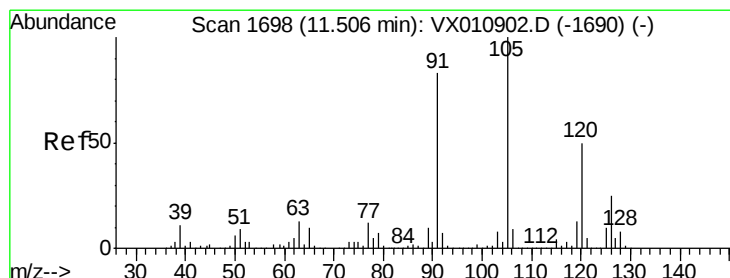
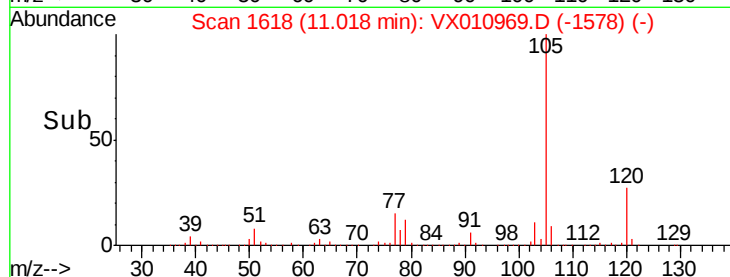
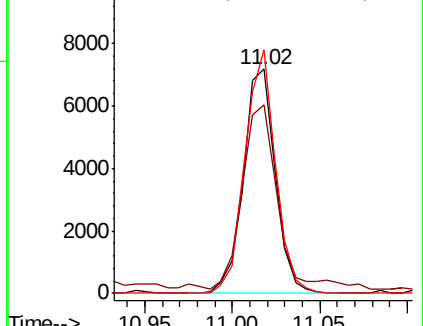
89 104.1 38.5 57.7#



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: 20.949 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010969.D

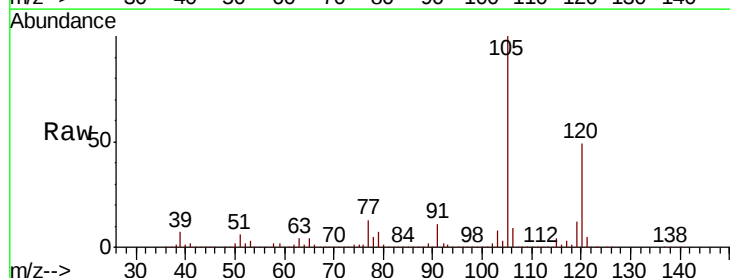
Acq: 18 Jul 2019 19:15

Tgt Ion: 91 Resp: 220410

Ion Ratio Lower Upper

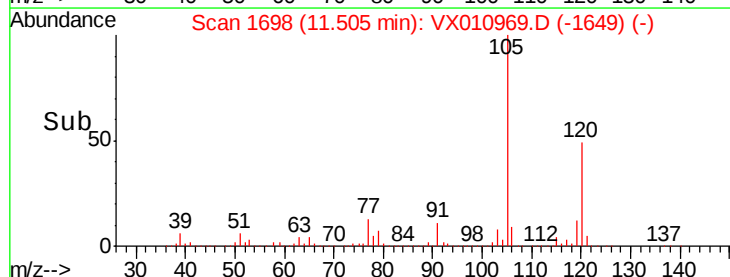
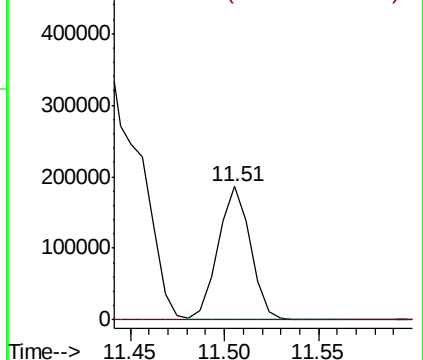
91 100

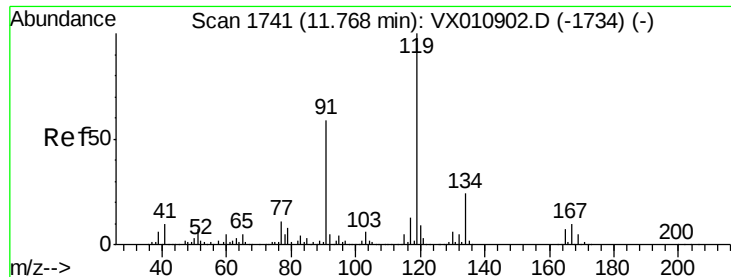
126 0.1 15.9 47.7#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 66.653 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. 0.04 min

Lab File: VX010969.D

Acq: 18 Jul 2019 19:15

Instrument :

MSVOA_X

ClientSampleId :

FL-0625

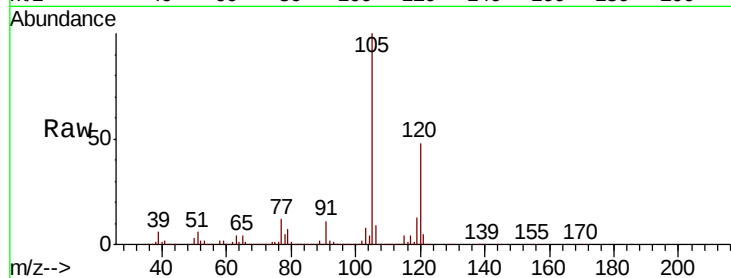
Tot Ion:119 Resp: 745050

Ion Ratio Lower Upper

119 100

91 89.1 28.6 85.8#

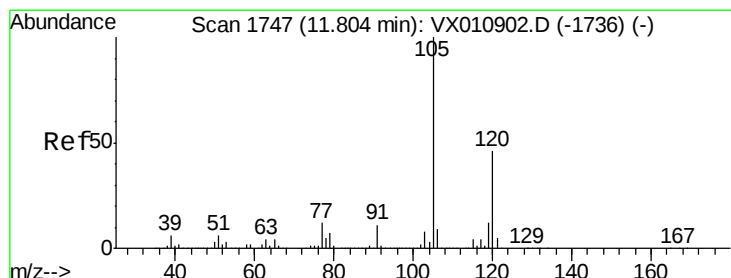
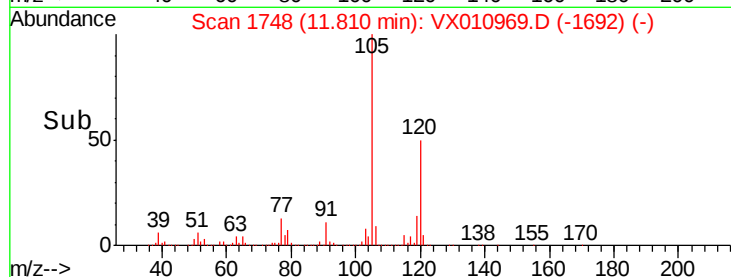
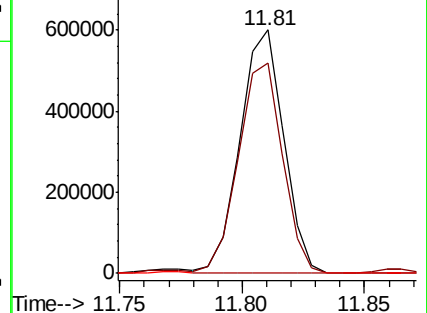
134 0.0 11.6 34.8#



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: 516.804 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VX010969.D

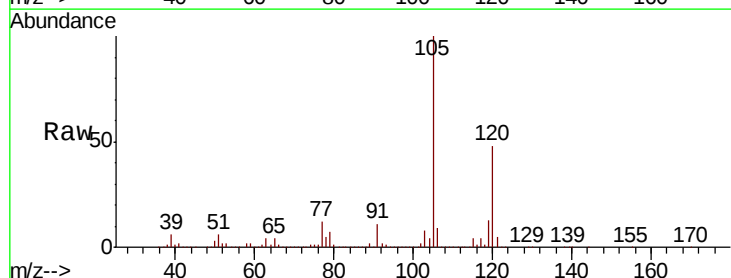
Acq: 18 Jul 2019 19:15

Tgt Ion:105 Resp: 5927734

Ion Ratio Lower Upper

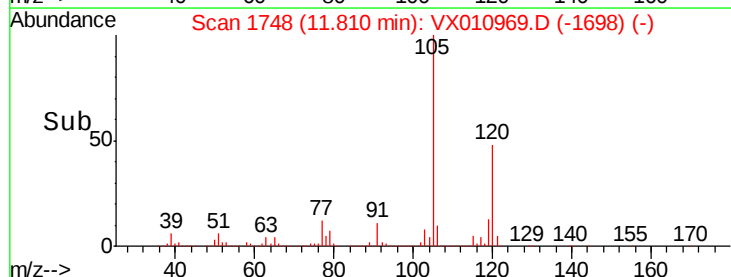
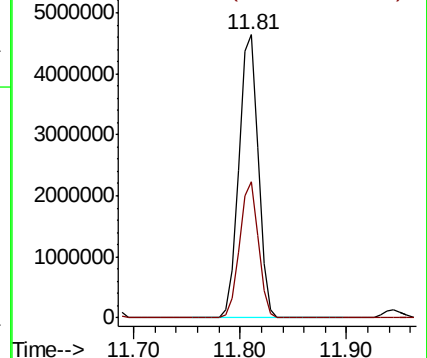
105 100

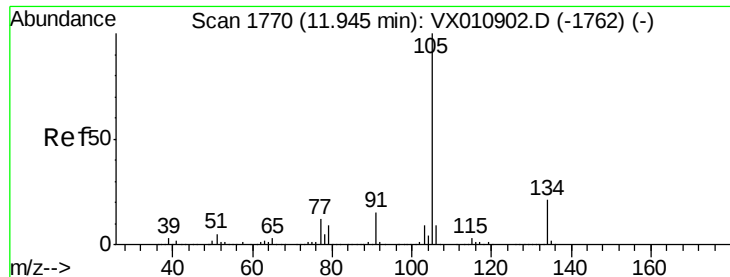
120 46.9 22.9 68.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 452.554 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. -0.13 min

Lab File: VX010969.D

Acq: 18 Jul 2019 19:15

Instrument :

MSVOA_X

ClientSampled :

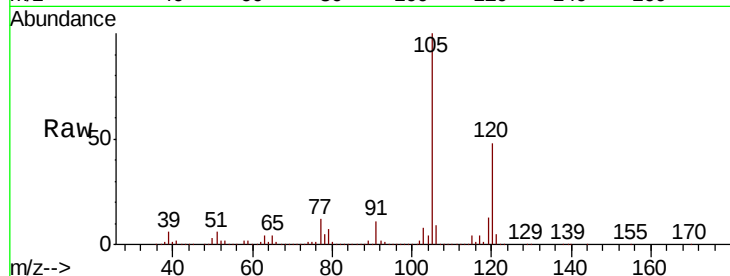
FL-0625

Tot Ion:105 Resp: 5927469

Ion Ratio Lower Upper

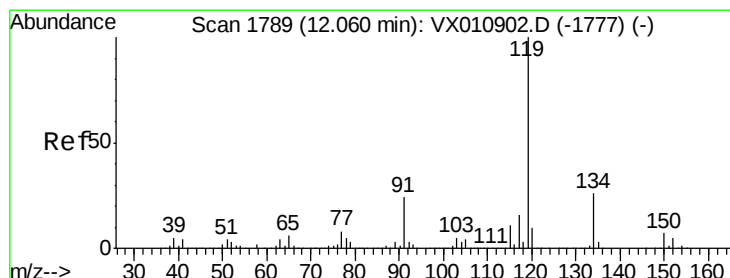
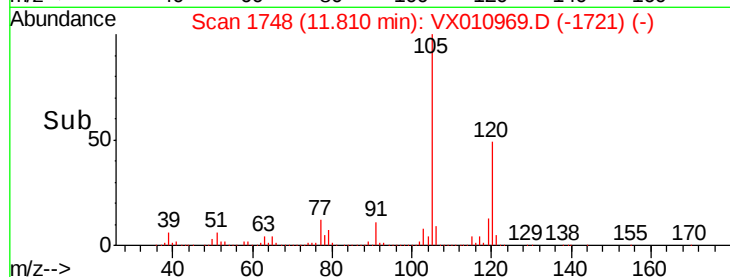
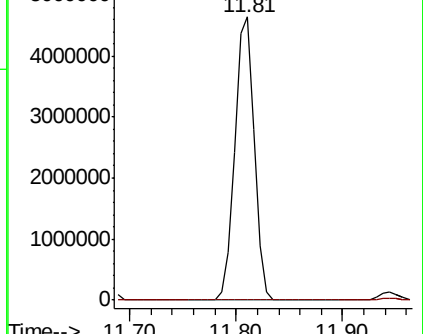
105 100

134 0.0 10.4 31.4#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 16.936 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010969.D

Acq: 18 Jul 2019 19:15

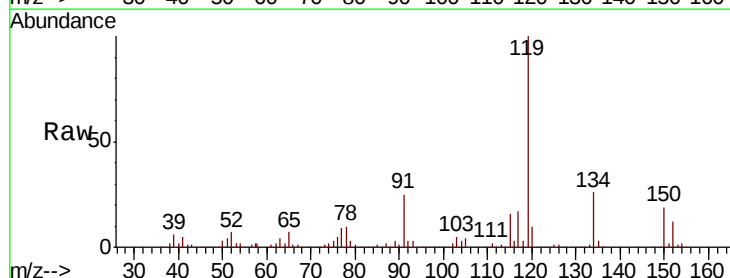
Tgt Ion:119 Resp: 205075

Ion Ratio Lower Upper

119 100

134 25.8 13.4 40.1

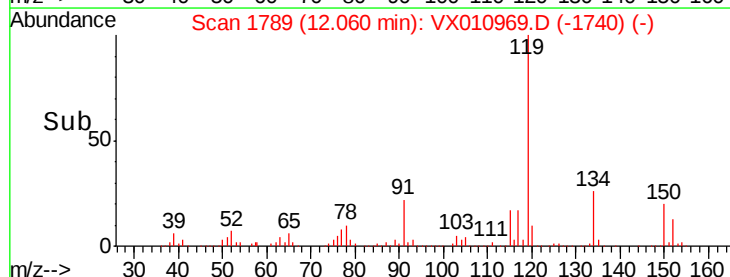
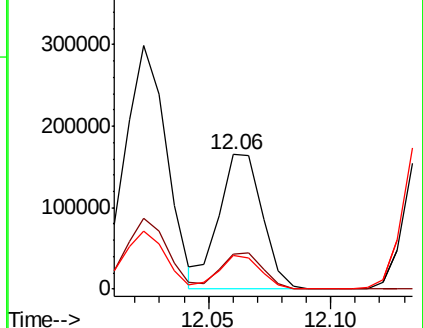
91 24.1 11.8 35.4

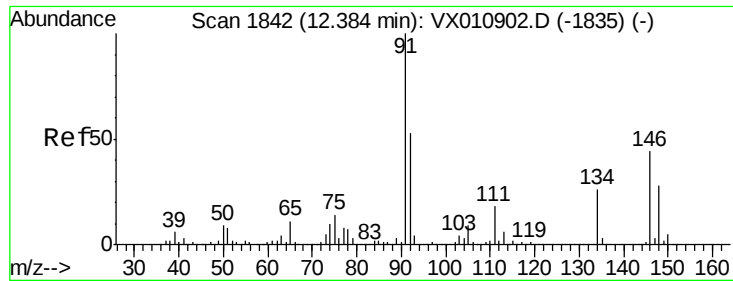


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

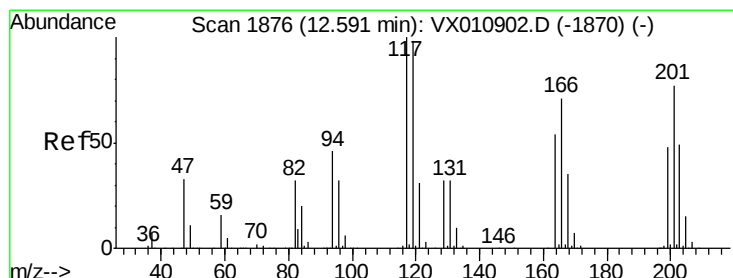
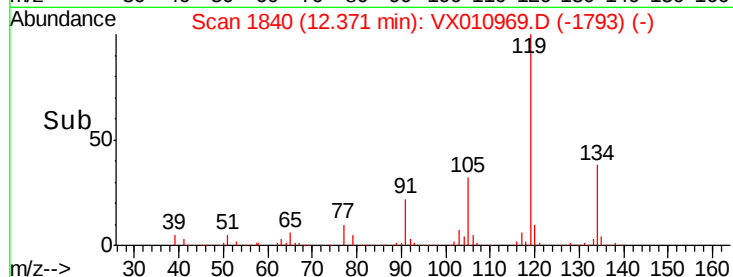
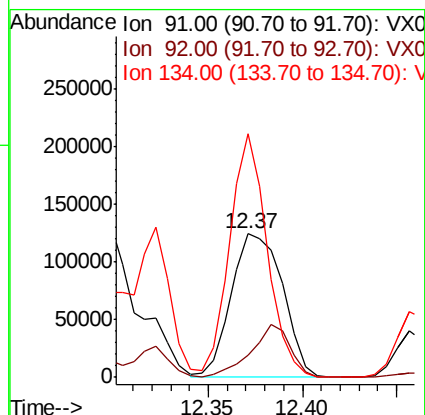
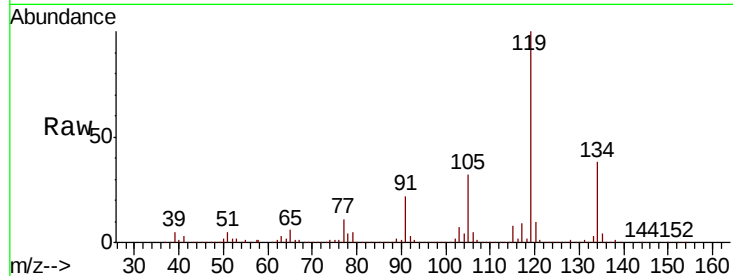




#89
n-Butylbenzene
Concen: 22.624 ug/l
RT: 12.37 min Scan# 1840
Delta R.T. -0.01 min
Lab File: VX010969.D
Acq: 18 Jul 2019 19:15

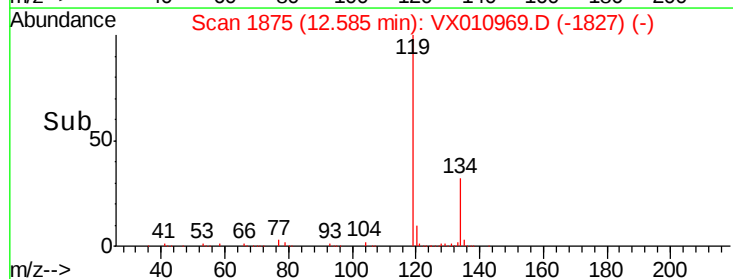
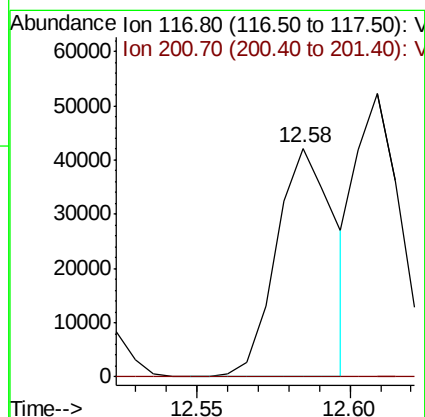
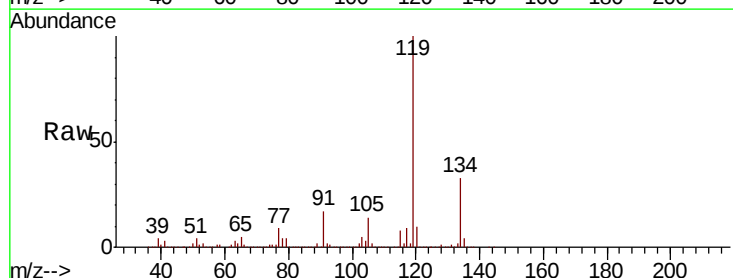
Instrument :
MSVOA_X
ClientSampleID :
FL-0625

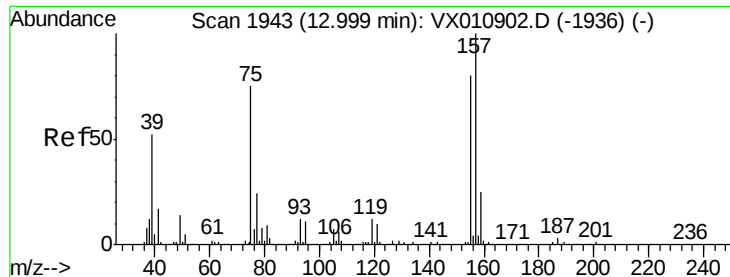
Tot Ion: 91 Resp: 234373
Ion Ratio Lower Upper
91 100
92 28.2 26.2 78.5
134 123.7 13.8 41.3#



#90
Hexachloroethane
Concen: 29.341 ug/l
RT: 12.58 min Scan# 1875
Delta R.T. -0.01 min
Lab File: VX010969.D
Acq: 18 Jul 2019 19:15

Tgt Ion: 117 Resp: 56038
Ion Ratio Lower Upper
117 100
201 0.0 43.3 129.8#

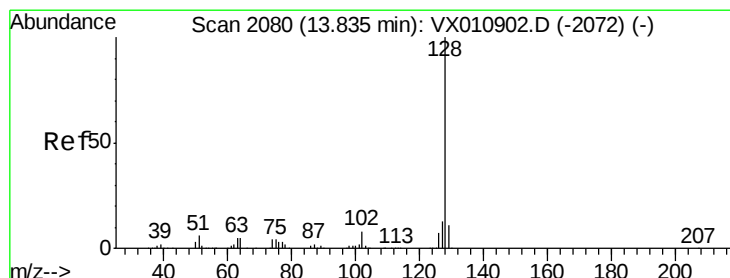
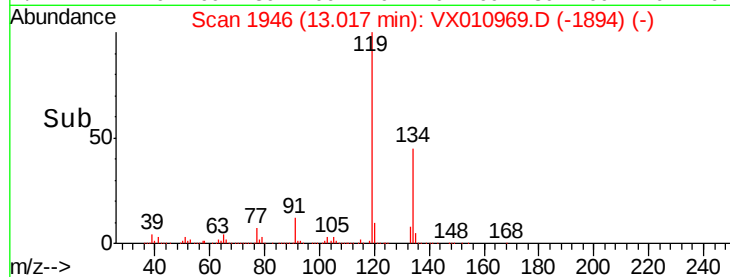
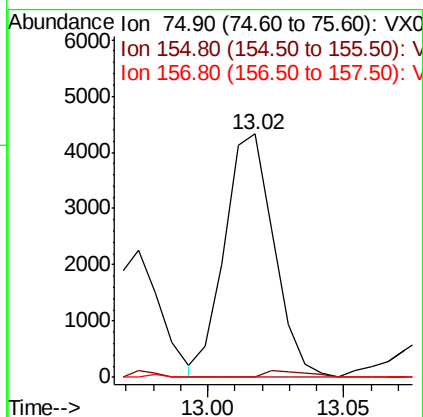
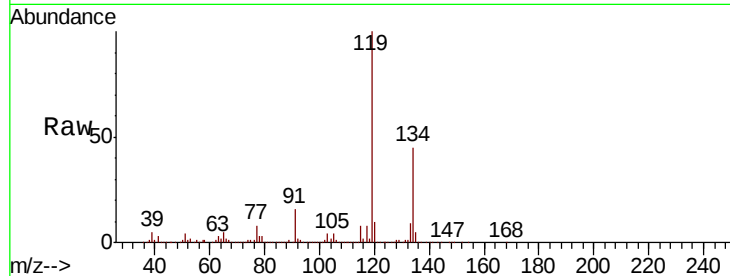




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.847 ug/l
 RT: 13.02 min Scan# 1946
 Delta R.T. 0.02 min
 Lab File: VX010969.D
 Acq: 18 Jul 2019 19:15

Instrument :
 MSVOA_X
 ClientSampled :
 FL-0625

Tot Ion: 75 Resp: 5447
 Ion Ratio Lower Upper
 75 100
 155 2.4 48.7 146.1#
 157 0.0 62.5 187.6#



#95
 Naphthalene
 Concen: 80.035 ug/l
 RT: 13.83 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX010969.D
 Acq: 18 Jul 2019 19:15

Tgt Ion:128 Resp: 1034873
 Ion Ratio Lower Upper
 128 100
 127 13.3 10.4 15.6
 129 11.5 8.9 13.3

