

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071819\
 Data File : VX010972.D
 Acq On : 18 Jul 2019 20:25
 Operator : JC/SP
 Sample : K3884-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0614

Quant Time: Jul 19 01:38:10 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	247082	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	381764	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	359227	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	185131	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	135693	51.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.24%	
35) Dibromofluoromethane	5.50	113	118540	48.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.84%	
50) Toluene-d8	8.71	98	465597	51.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.46%	
62) 4-Bromofluorobenzene	11.13	95	174316	52.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.36%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.40	85	20	0.554	ug/l # 43
5) Bromomethane	1.65	94	339	0.260	ug/l 92
6) Chloroethane	1.74	64	321	0.218	ug/l # 58
11) Tert butyl alcohol	3.03	59	3125	5.105	ug/l # 73
13) Acrolein	2.39	56	7209	20.382	ug/l 83
14) Allyl chloride	2.85	41	23936	7.488	ug/l # 62
15) Acrylonitrile	3.17	53	7830	6.330	ug/l # 39
16) Acetone	2.44	43	3650	3.074	ug/l 90
18) Methyl Acetate	2.84	43	56744	20.991	ug/l # 48
25) 2-Butanone	4.56	43	4072	2.389	ug/l # 46
31) Cyclohexane	5.58	56	439821	123.234	ug/l 99
36) 1,1-Dichloropropene	5.66	75	16385	5.225	ug/l # 49
38) Carbon Tetrachloride	5.66	117	23196	7.099	ug/l # 17
39) Methylcyclohexane	7.46	83	785327	193.117	ug/l 98
41) Methacrylonitrile	5.06	41	714	0.392	ug/l # 22
43) Isopropyl Acetate	6.45	43	8852	1.677	ug/l # 61
45) 1,2-Dichloropropane	7.46	63	7631	3.121	ug/l # 1
47) Bromodichloromethane	7.85	83	2150	0.691	ug/l # 43
48) Methyl methacrylate	7.73	41	33431	12.998	ug/l # 54
49) 1,4-Dioxane	7.86	88	19	0.264	ug/l # 1
51) 4-Methyl-2-Pentanone	8.66	43	7272	2.125	ug/l # 46
55) 1,1,2-Trichloroethane	9.16	97	51966	20.000	ug/l # 19
56) Ethyl methacrylate	9.16	69	10497	2.762	ug/l # 1
60) Dibromochloromethane	9.48	129	25	2.536	ug/l # 11
67) Ethyl Benzene	10.25	91	351739	28.008	ug/l 100
68) m/p-Xylenes	10.36	106	101691	21.109	ug/l 98
69) o-Xylene	10.69	106	4001	0.851	ug/l 88
73) Isopropylbenzene	11.02	105	433243	34.634	ug/l 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	1345	0.329	ug/l # 38
76) 1,2,3-Trichloropropane	11.43	75	9098	2.723	ug/l # 1
78) n-propylbenzene	11.36	91	372373	26.941	ug/l 99
79) 2-Chlorotoluene	11.43	91	134964	16.255	ug/l # 39
80) 1,3,5-Trimethylbenzene	11.51	105	587578	56.213	ug/l 100
81) trans-1,4-Dichloro-2-buten	11.02	75	5174	7.591	ug/l # 67

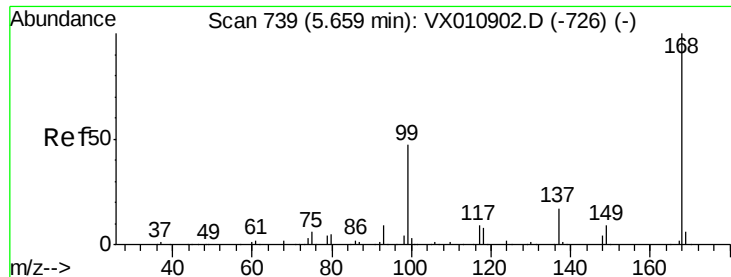
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071819\
 Data File : VX010972.D
 Acq On : 18 Jul 2019 20:25
 Operator : JC/SP
 Sample : K3884-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0614

Quant Time: Jul 19 01:38:10 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)
82) 4-Chlorotoluene	11.51	91	64266	6.650	ug/l #	43
83) tert-Butylbenzene	11.77	119	28278	2.754	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	1019374	96.758	ug/l	100
85) sec-Butylbenzene	11.94	105	133883	11.129	ug/l #	75
86) p-Isopropyltoluene	12.06	119	76803	6.905	ug/l	99
89) n-Butylbenzene	12.38	91	88023	9.251	ug/l #	22
90) Hexachloroethane	12.58	117	13424	7.652	ug/l #	6
92) 1,2-Dibromo-3-Chloropropan	13.01	75	1298	1.517	ug/l #	1
95) Naphthalene	13.83	128	262030	22.063	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX010972.D

Acq: 18 Jul 2019 20:25

Instrument :

MSVOA_X

ClientSampleId :

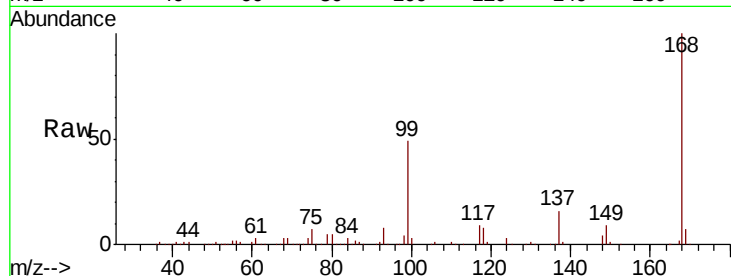
FL-0614

Tot Ion:168 Resp: 247082

Ion Ratio Lower Upper

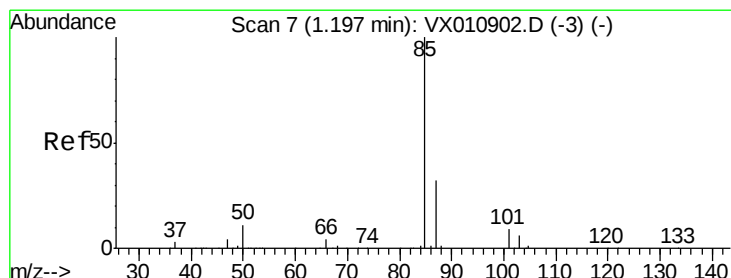
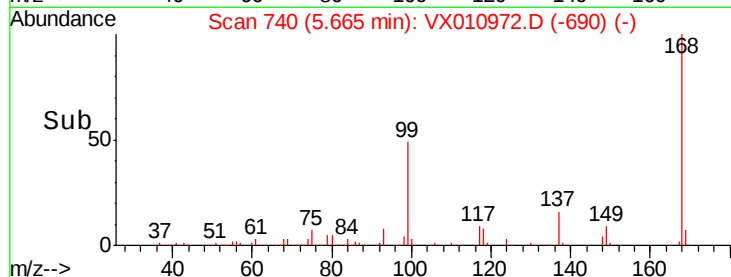
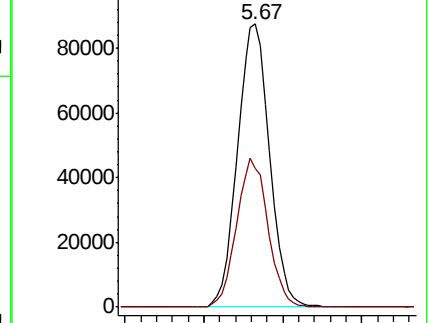
168 100

99 49.1 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: 0.554 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.21 min

Lab File: VX010972.D

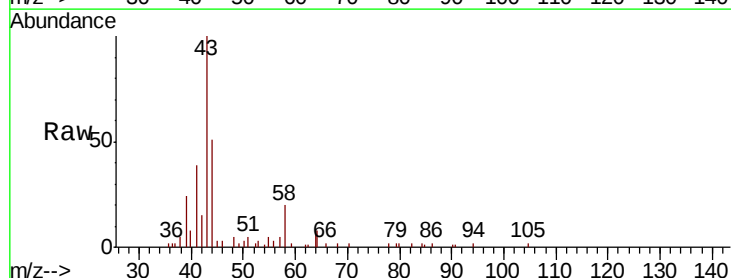
Acq: 18 Jul 2019 20:25

Tgt Ion: 85 Resp: 20

Ion Ratio Lower Upper

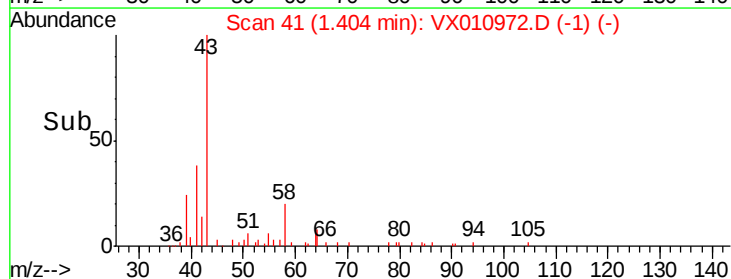
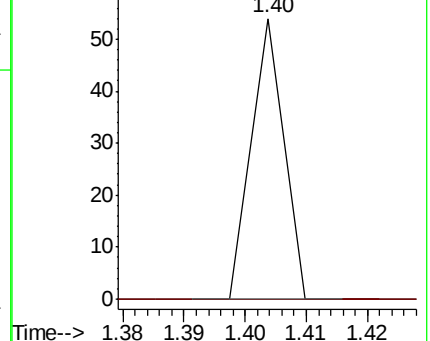
85 100

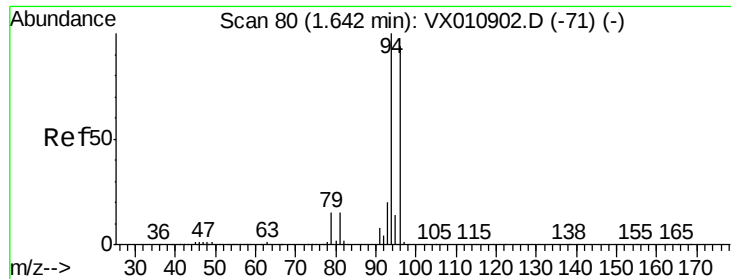
87 0.0 15.9 47.7#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#5

Bromomethane

Concen: 0.260 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX010972.D

Acq: 18 Jul 2019 20:25

Instrument :

MSVOA_X

ClientSampled :

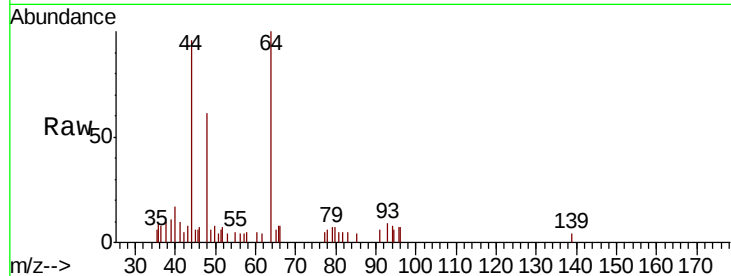
FL-0614

Tot Ion: 94 Resp: 339

Ion Ratio Lower Upper

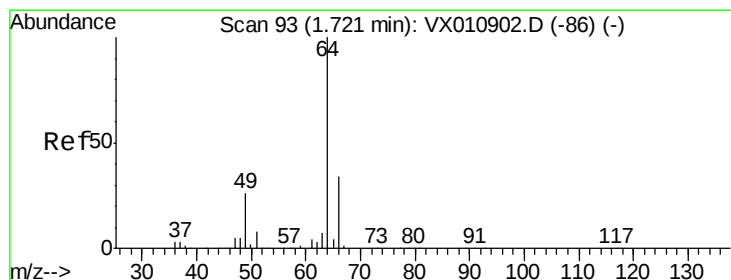
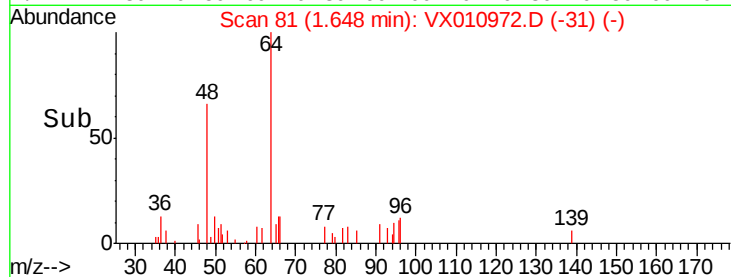
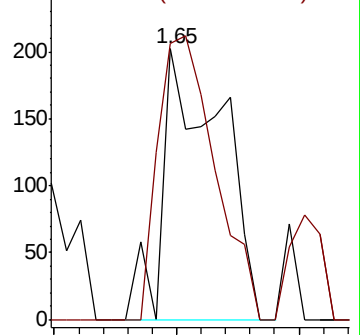
94 100

96 102.0 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 0.218 ug/l

RT: 1.74 min Scan# 96

Delta R.T. 0.02 min

Lab File: VX010972.D

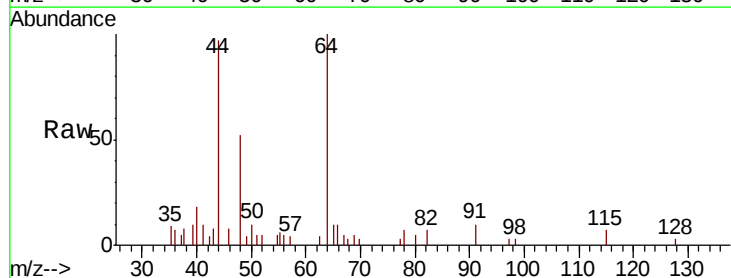
Acq: 18 Jul 2019 20:25

Tgt Ion: 64 Resp: 321

Ion Ratio Lower Upper

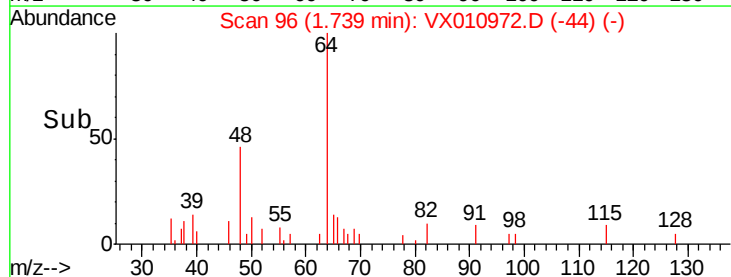
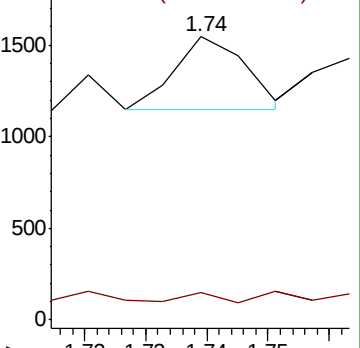
64 100

66 10.1 27.0 40.6#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



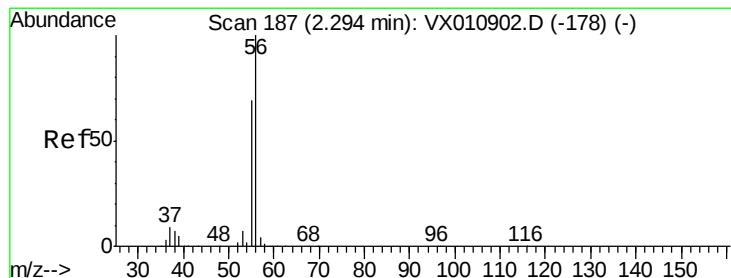
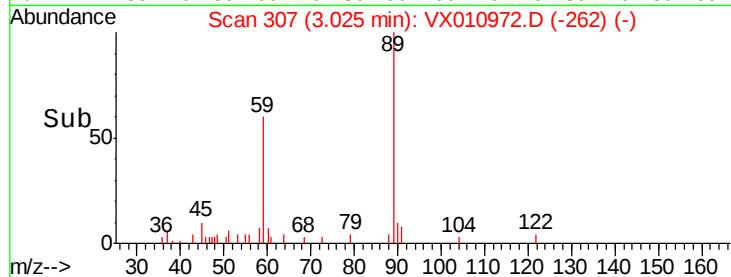
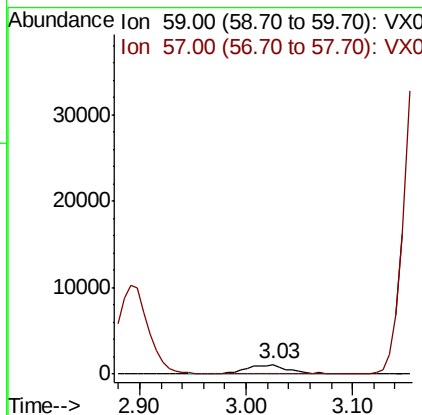
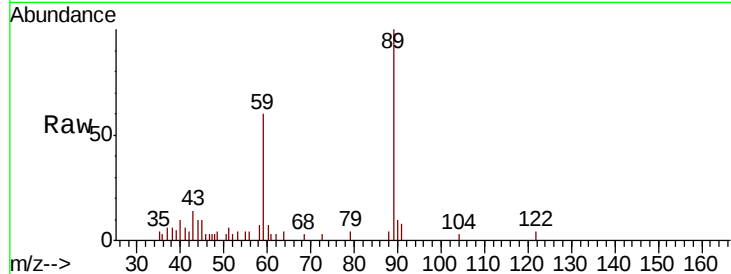


#11

Tert butyl alcohol
 Concen: 5.105 ug/l
 RT: 3.03 min Scan# 307
 Delta R.T. -0.02 min
 Lab File: VX010972.D
 Acq: 18 Jul 2019 20:25

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0614

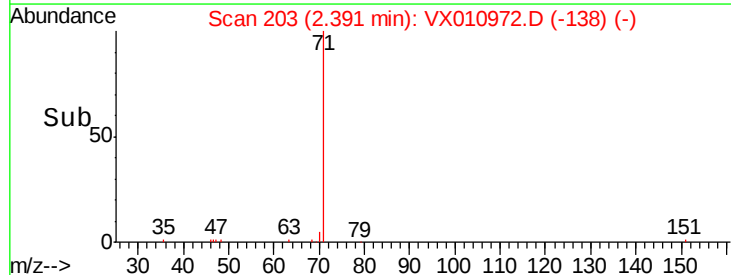
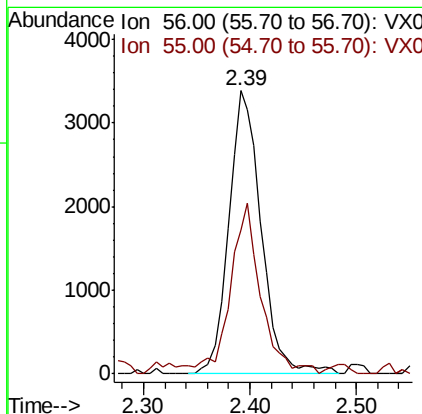
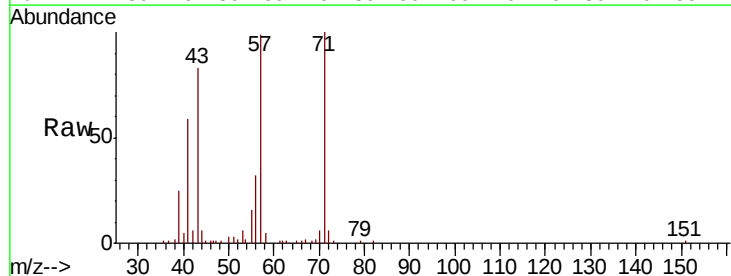
Tot Ion: 59 Resp: 3125
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.9 11.9#

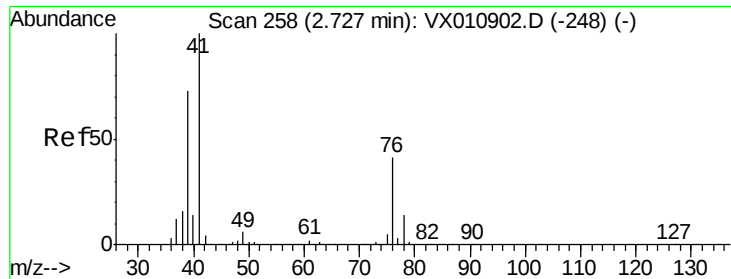


#13

Acrolein
 Concen: 20.382 ug/l
 RT: 2.39 min Scan# 203
 Delta R.T. 0.10 min
 Lab File: VX010972.D
 Acq: 18 Jul 2019 20:25

Tgt Ion: 56 Resp: 7209
 Ion Ratio Lower Upper
 56 100
 55 56.3 55.9 83.9

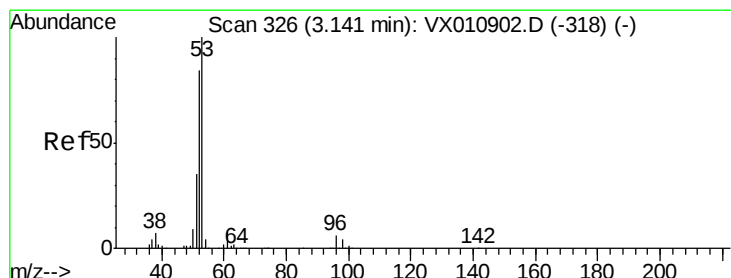
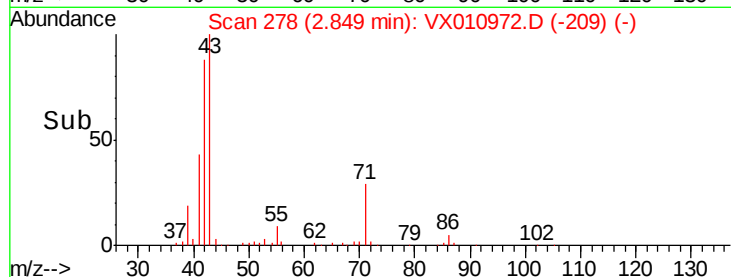
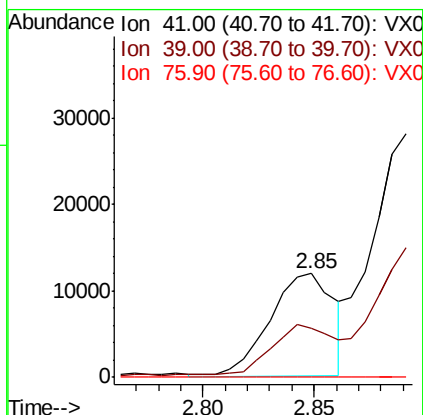
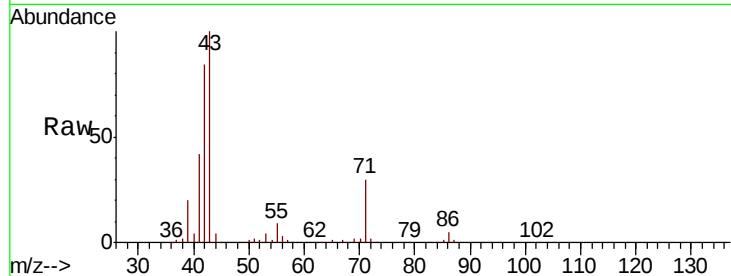




#14
Allvl chloride
Concen: 7.488 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.12 min
Lab File: VX010972.D
Acq: 18 Jul 2019 20:25

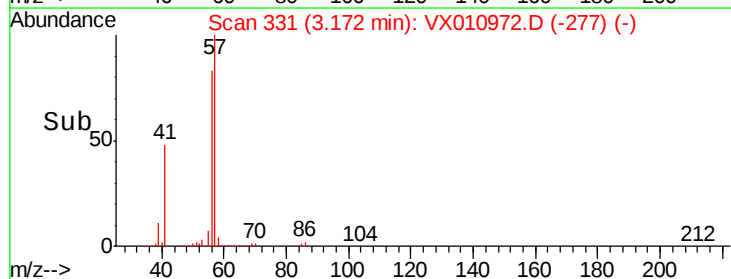
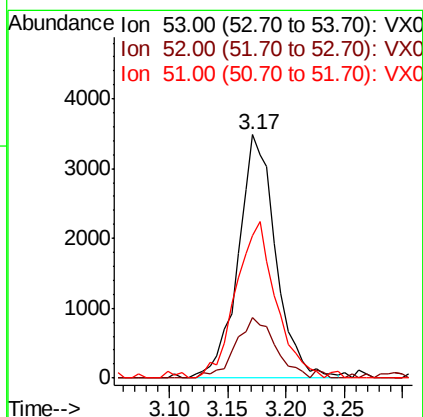
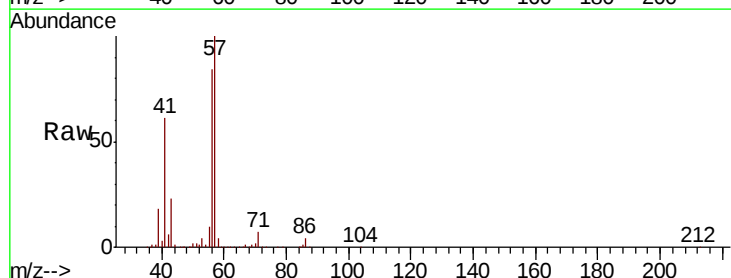
Instrument :
MSVOA_X
ClientSampled :
FL-0614

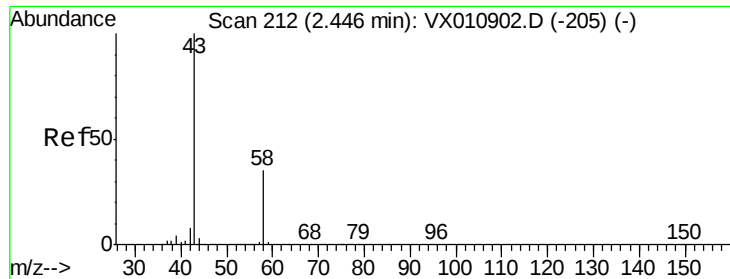
Tot Ion: 41 Resp: 23936
Ion Ratio Lower Upper
41 100
39 47.5 53.6 80.4#
76 0.0 29.7 44.5#



#15
Acrylonitrile
Concen: 6.330 ug/l
RT: 3.17 min Scan# 331
Delta R.T. 0.03 min
Lab File: VX010972.D
Acq: 18 Jul 2019 20:25

Tgt Ion: 53 Resp: 7830
Ion Ratio Lower Upper
53 100
52 26.3 66.5 99.7#
51 68.3 28.2 42.4#





#16

Acetone

Concen: 3.074 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010972.D

Acq: 18 Jul 2019 20:25

Instrument :

MSVOA_X

ClientSampleId :

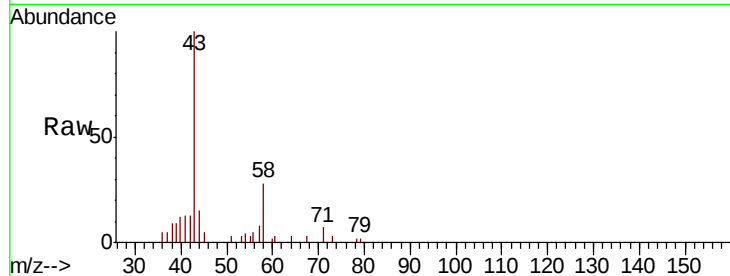
FL-0614

Tot Ion: 43 Resp: 3650

Ion Ratio Lower Upper

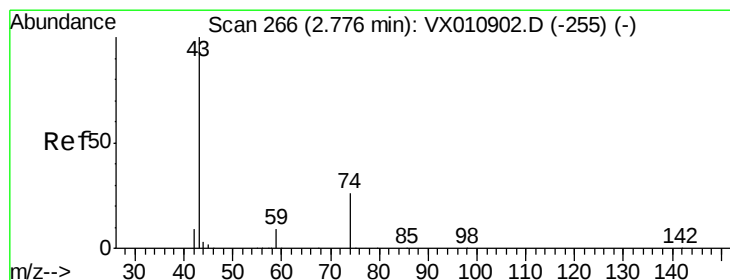
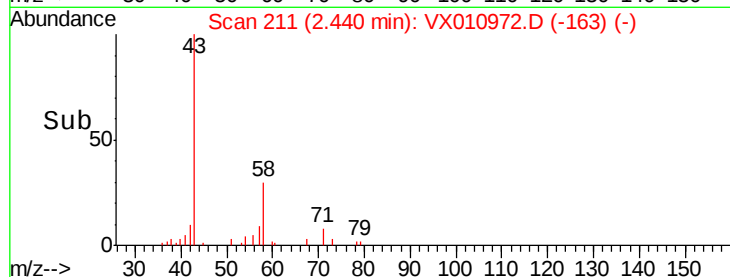
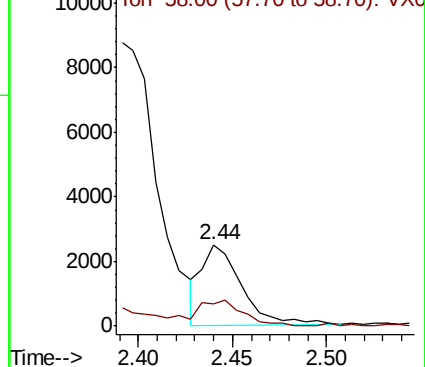
43 100

58 28.6 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#18

Methyl Acetate

Concen: 20.991 ug/l

RT: 2.84 min Scan# 277

Delta R.T. 0.07 min

Lab File: VX010972.D

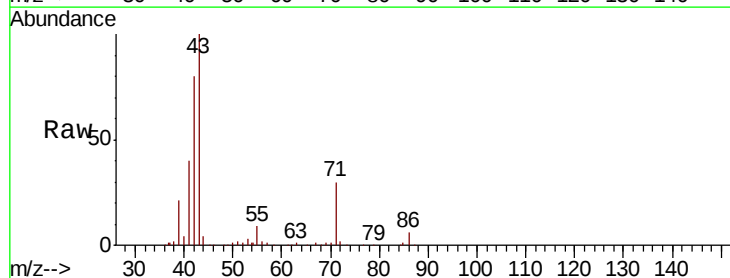
Acq: 18 Jul 2019 20:25

Tgt Ion: 43 Resp: 56744

Ion Ratio Lower Upper

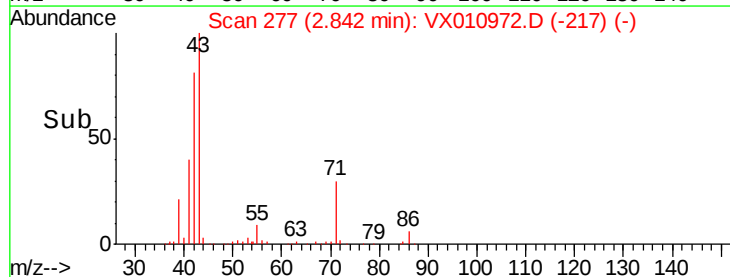
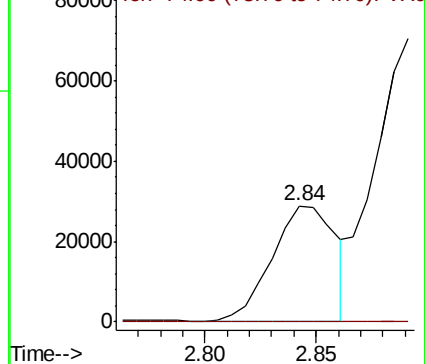
43 100

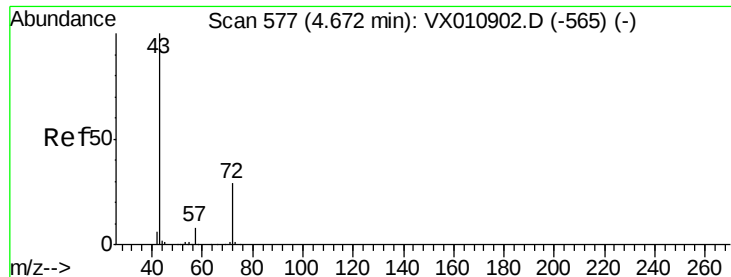
74 0.0 21.5 32.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#25

2-Butanone

Concen: 2.389 ug/l

RT: 4.56 min Scan# 559

Delta R.T. -0.11 min

Lab File: VX010972.D

Acq: 18 Jul 2019 20:25

Instrument :

MSVOA_X

ClientSampled :

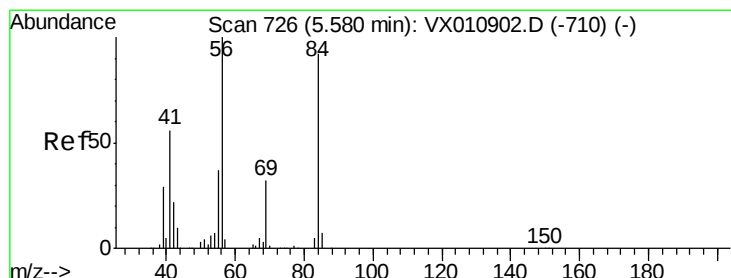
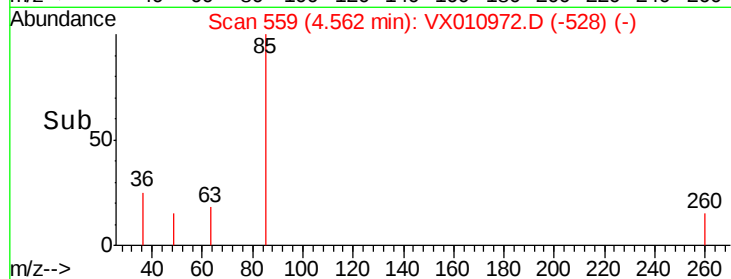
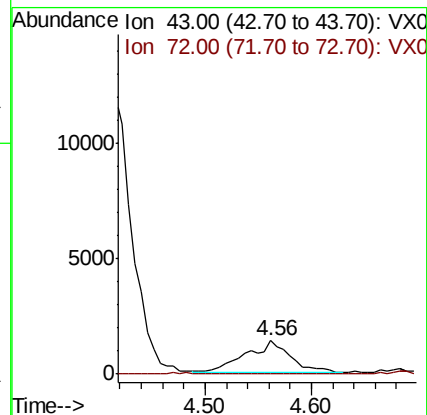
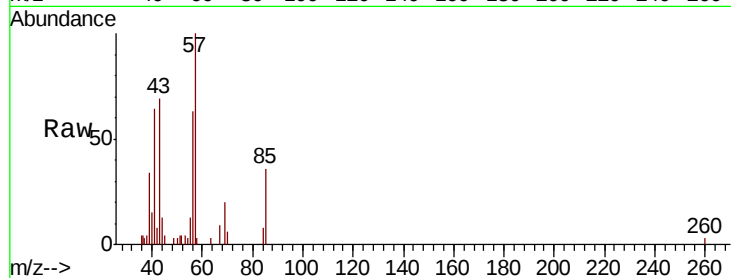
FL-0614

Tot Ion: 43 Resp: 4072

Ion Ratio Lower Upper

43 100

72 0.0 23.0 34.6#



#31

Cyclohexane

Concen: 123.234 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX010972.D

Acq: 18 Jul 2019 20:25

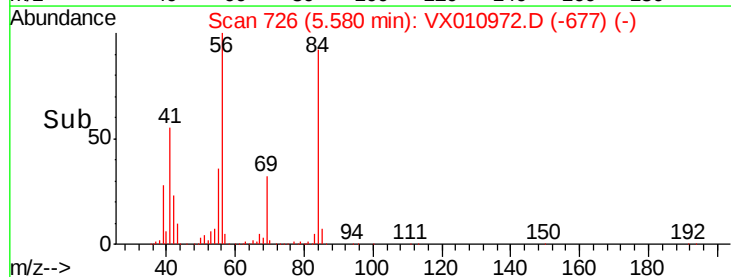
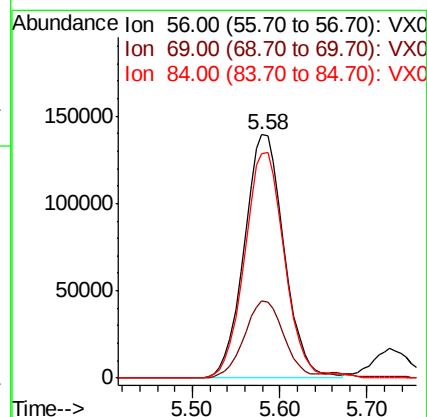
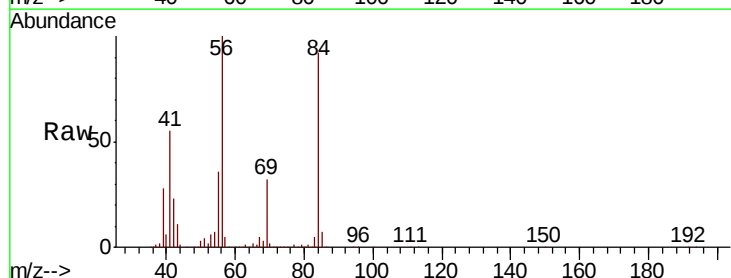
Tgt Ion: 56 Resp: 439821

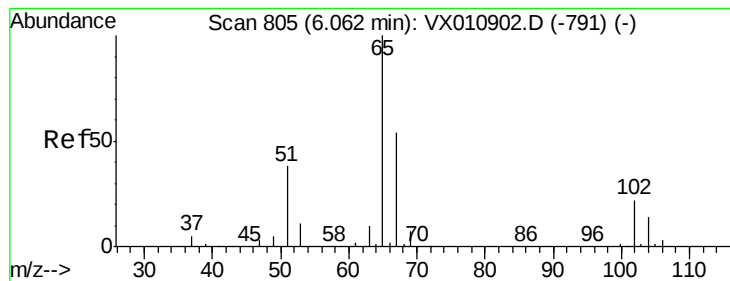
Ion Ratio Lower Upper

56 100

69 31.5 25.8 38.8

84 92.4 73.8 110.6





#33

1,2-Dichloroethane-d4

Concen: 51.622 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX010972.D

Acq: 18 Jul 2019 20:25

Instrument :

MSVOA_X

ClientSampled :

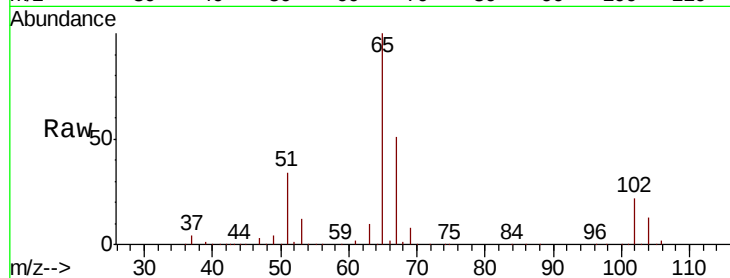
FL-0614

Tot Ion: 65 Resp: 135693

Ion Ratio Lower Upper

65 100

67 52.0 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

60000

50000

40000

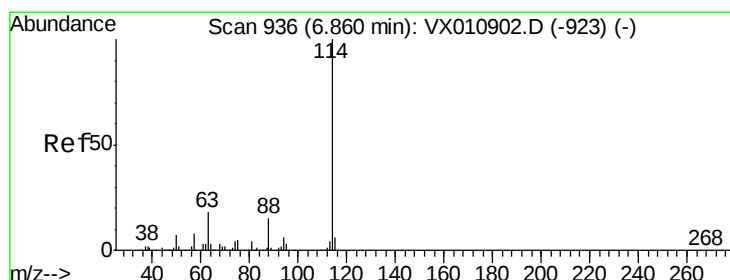
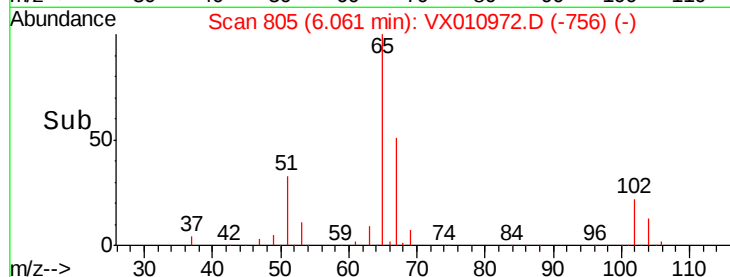
30000

20000

10000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX010972.D

Acq: 18 Jul 2019 20:25

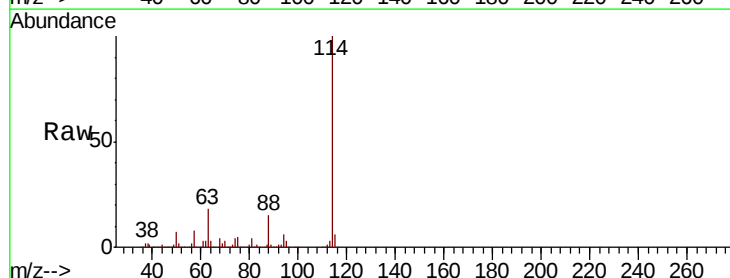
Tgt Ion:114 Resp: 381764

Ion Ratio Lower Upper

114 100

63 17.9 0.0 35.6

88 14.5 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

200000

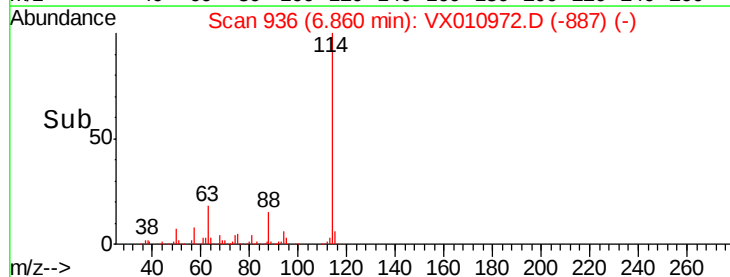
150000

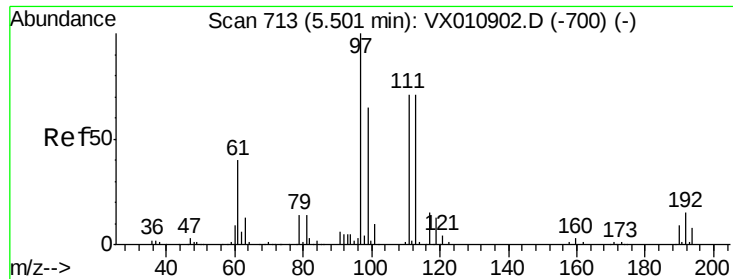
100000

50000

0

Time-->

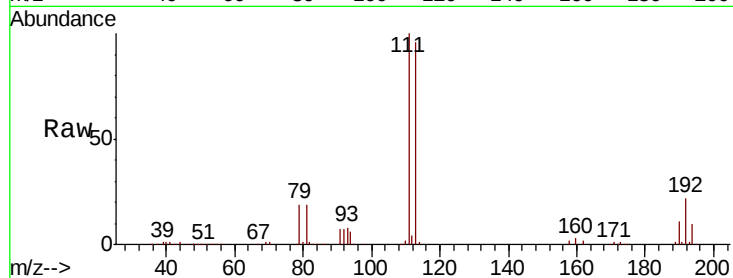




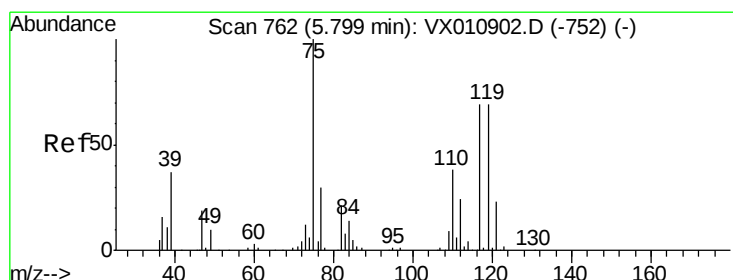
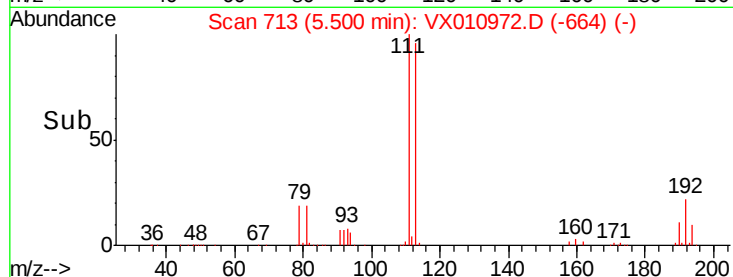
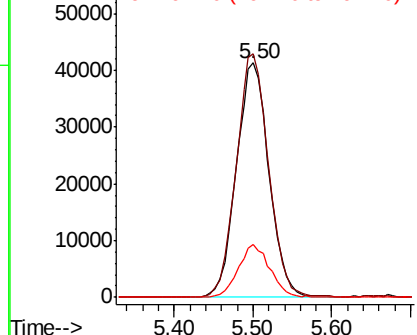
#35
 Dibromofluoromethane
 Concen: 48.920 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX010972.D
 Acq: 18 Jul 2019 20:25

Instrument :
 MSVOA_X
 ClientSampled :
 FL-0614

Tot Ion:113 Resp: 118540
 Ion Ratio Lower Upper
 113 100
 111 103.3 82.3 123.5
 192 21.8 17.4 26.2

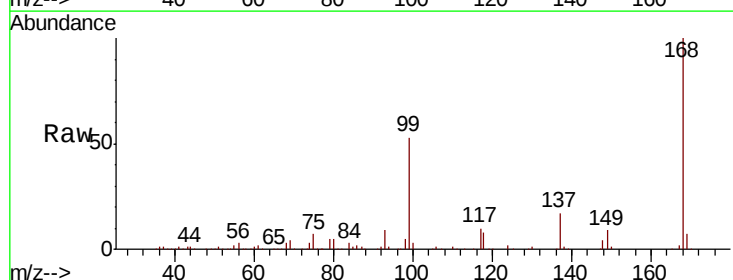


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

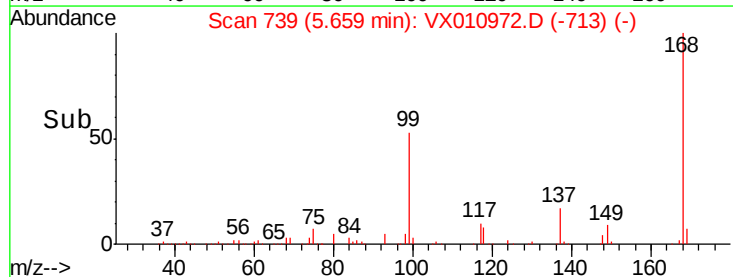
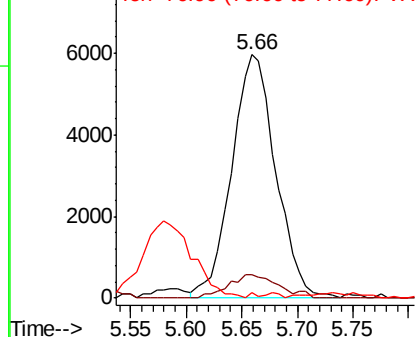


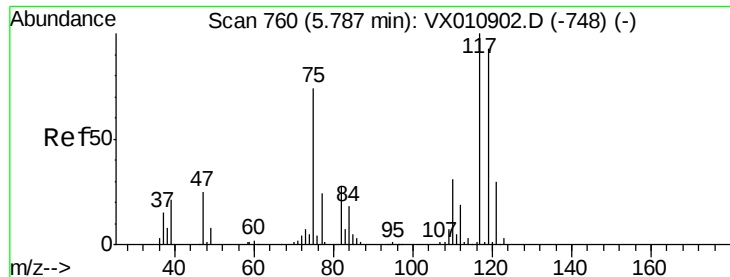
#36
 1,1-Dichloropropene
 Concen: 5.225 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX010972.D
 Acq: 18 Jul 2019 20:25

Tgt Ion: 75 Resp: 16385
 Ion Ratio Lower Upper
 75 100
 110 10.9 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

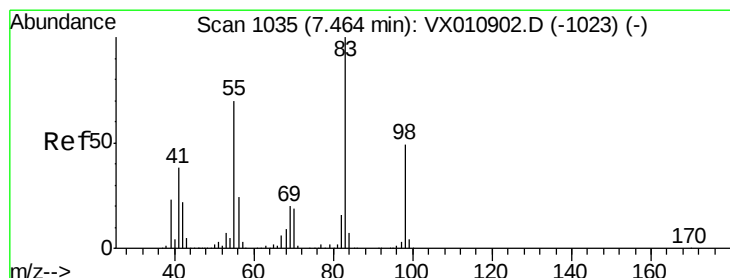
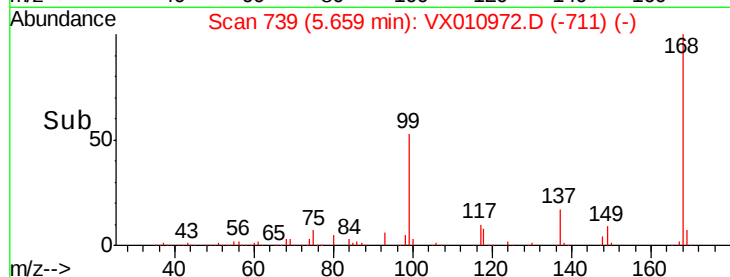
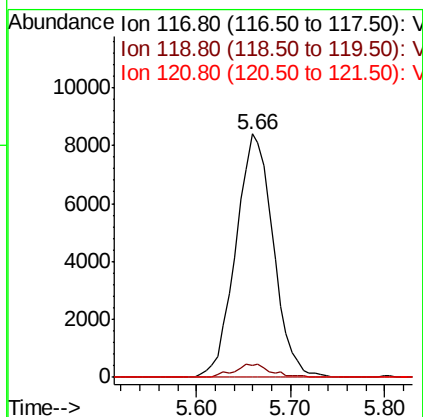
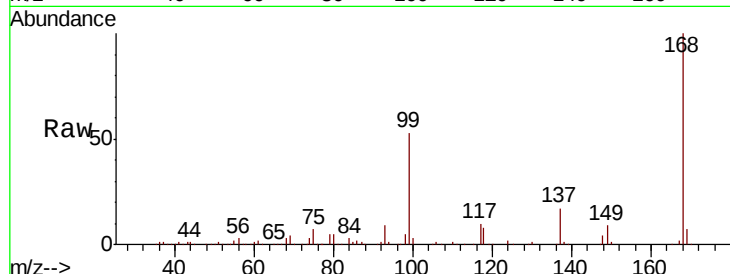




#38
Carbon Tetrachloride
Concen: 7.099 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.13 min
Lab File: VX010972.D
Acq: 18 Jul 2019 20:25

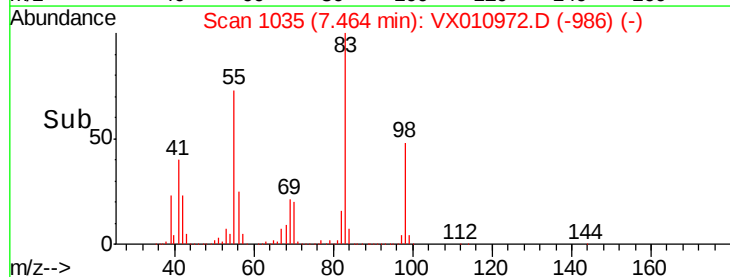
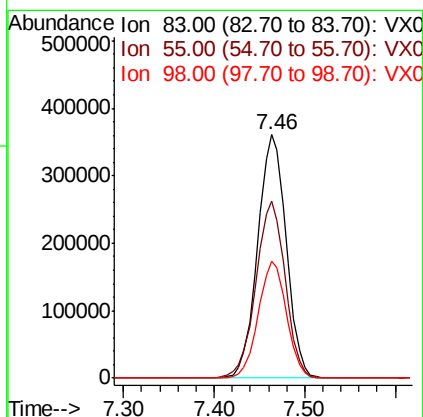
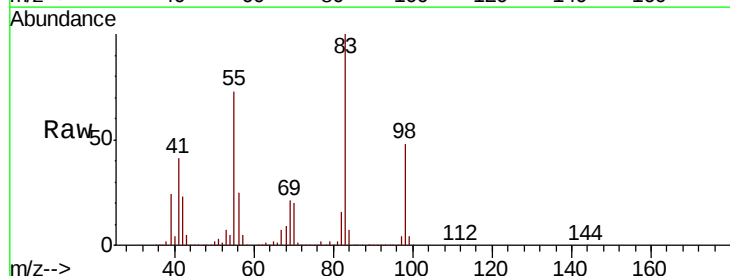
Instrument :
MSVOA_X
ClientSampled :
FL-0614

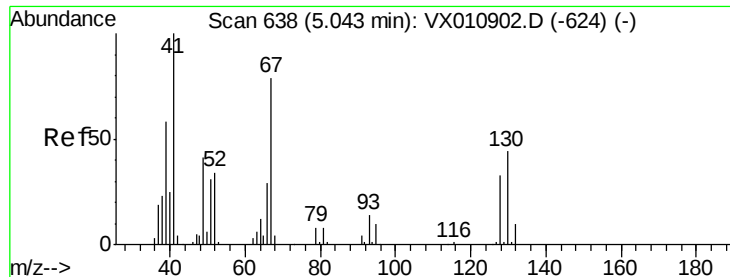
Tot Ion:117 Resp: 23196
Ion Ratio Lower Upper
117 100
119 5.1 74.2 111.2#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 193.117 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX010972.D
Acq: 18 Jul 2019 20:25

Tgt Ion: 83 Resp: 785327
Ion Ratio Lower Upper
83 100
55 72.8 56.2 84.4
98 48.1 39.0 58.4

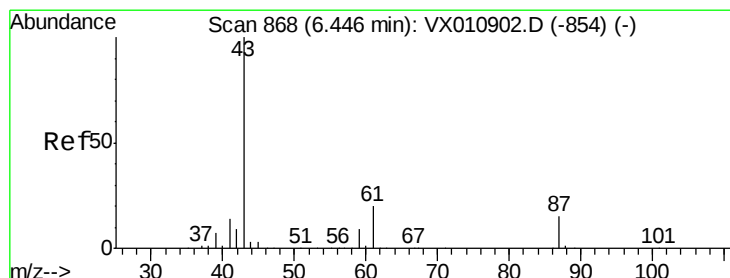
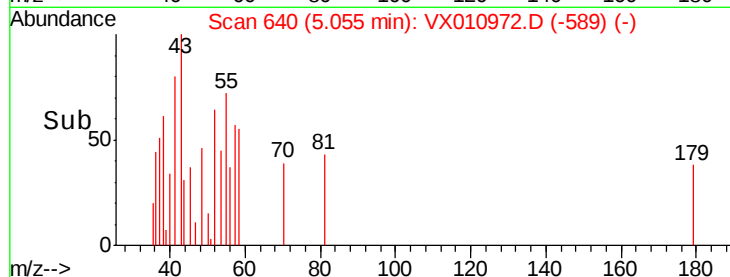
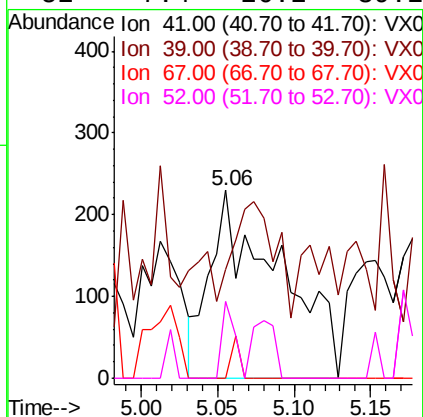
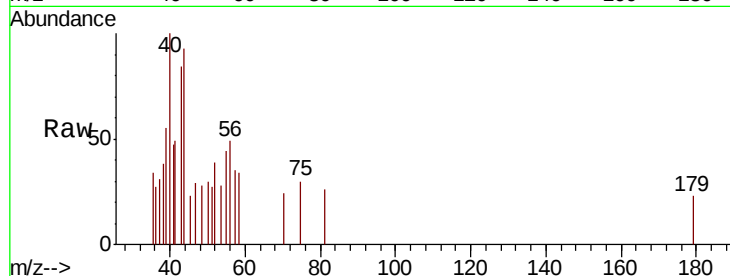




#41
Methacrylonitrile
Concen: 0.392 ug/l
RT: 5.06 min Scan# 640
Delta R.T. 0.01 min
Lab File: VX010972.D
Acq: 18 Jul 2019 20:25

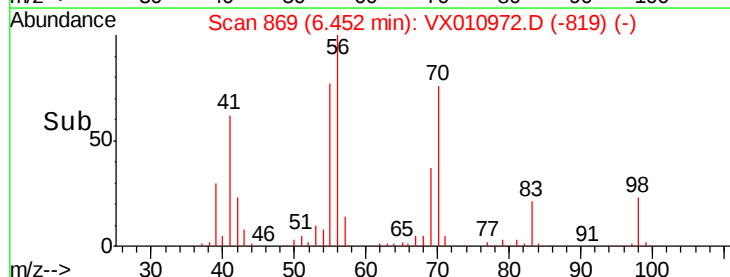
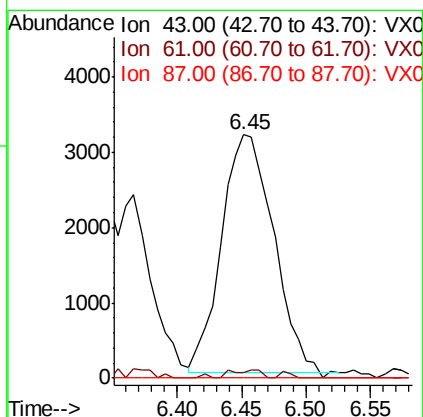
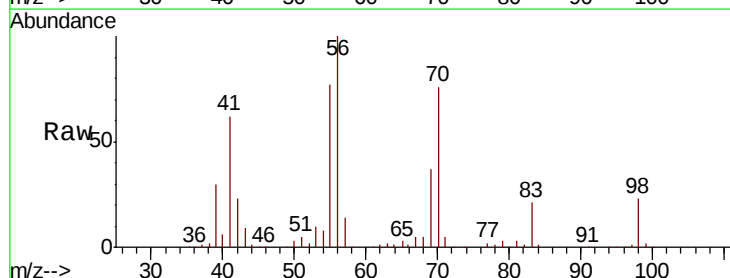
Instrument :
MSVOA_X
ClientSampled :
FL-0614

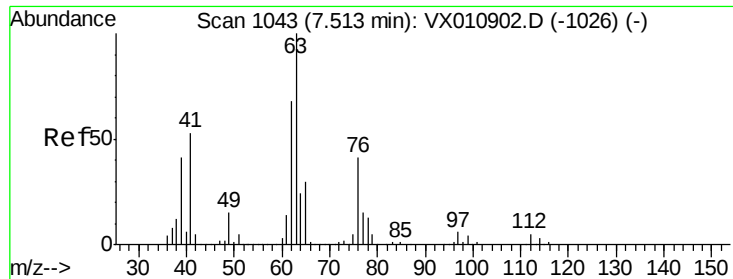
Tot Ion: 41 Resp: 714
Ion Ratio Lower Upper
41 100
39 0.0 45.4 68.2#
67 0.0 65.9 98.9#
52 7.4 26.2 39.2#



#43
Isopropyl Acetate
Concen: 1.677 ug/l
RT: 6.45 min Scan# 869
Delta R.T. 0.01 min
Lab File: VX010972.D
Acq: 18 Jul 2019 20:25

Tgt Ion: 43 Resp: 8852
Ion Ratio Lower Upper
43 100
61 2.0 17.1 25.7#
87 0.0 12.0 18.0#





#45

1,2-Dichloropropane

Concen: 3.121 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. -0.05 min

Lab File: VX010972.D

Acq: 18 Jul 2019 20:25

Instrument :

MSVOA_X

ClientSampleId :

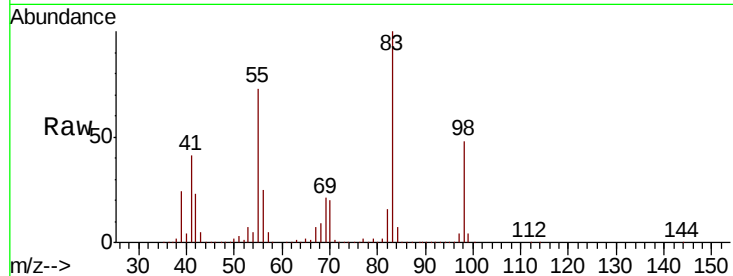
FL-0614

Tot Ion: 63 Resp: 7631

Ion Ratio Lower Upper

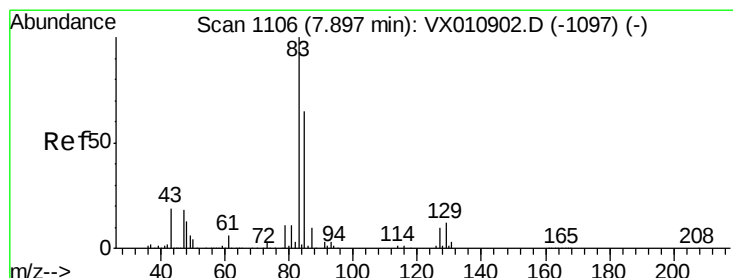
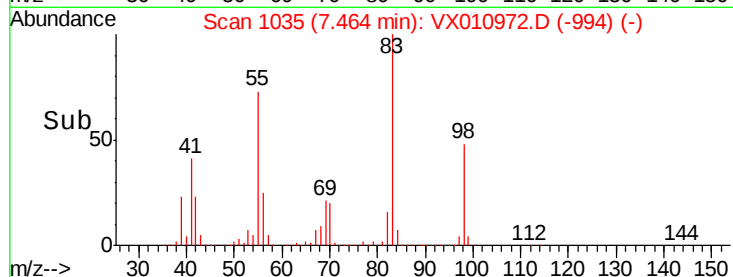
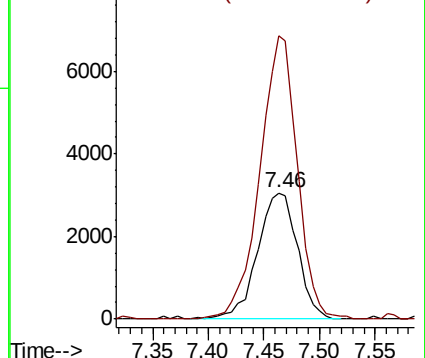
63 100

65 224.3 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: 0.691 ug/l

RT: 7.85 min Scan# 1098

Delta R.T. -0.05 min

Lab File: VX010972.D

Acq: 18 Jul 2019 20:25

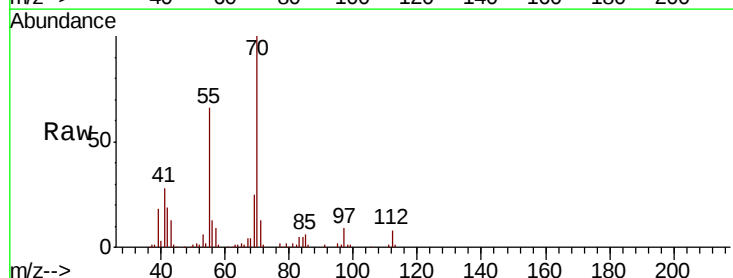
Tgt Ion: 83 Resp: 2150

Ion Ratio Lower Upper

83 100

85 114.8 52.5 78.7#

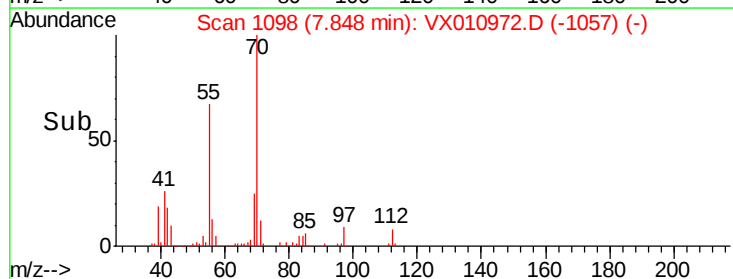
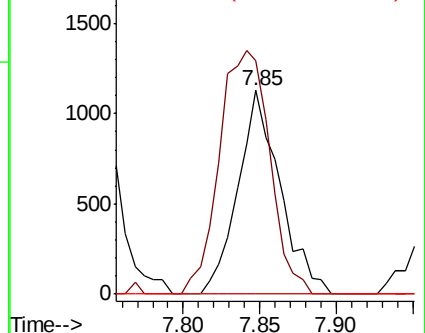
127 0.0 7.8 11.8#

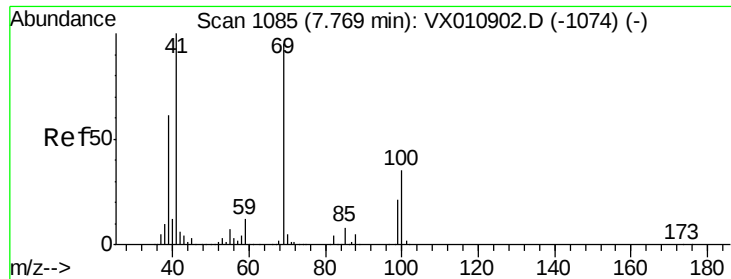


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V

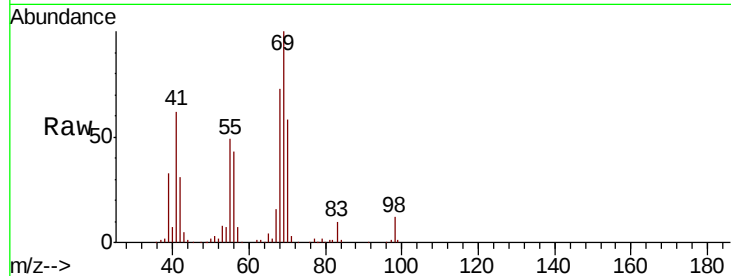




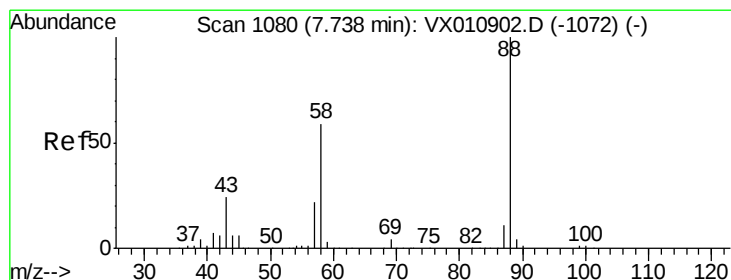
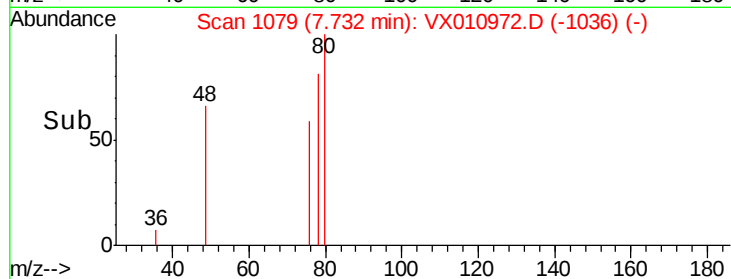
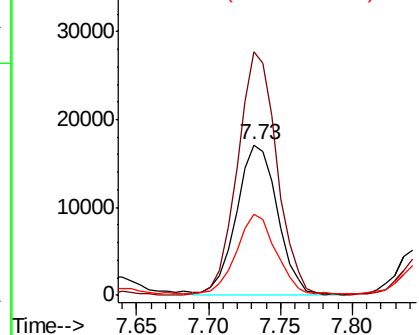
#48
Methyl methacrylate
Concen: 12.998 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. -0.04 min
Lab File: VX010972.D
Acq: 18 Jul 2019 20:25

Instrument :
MSVOA_X
ClientSampled :
FL-0614

Tot Ion: 41 Resp: 33431
Ion Ratio Lower Upper
41 100
69 158.1 74.4 111.6#
39 51.6 48.9 73.3

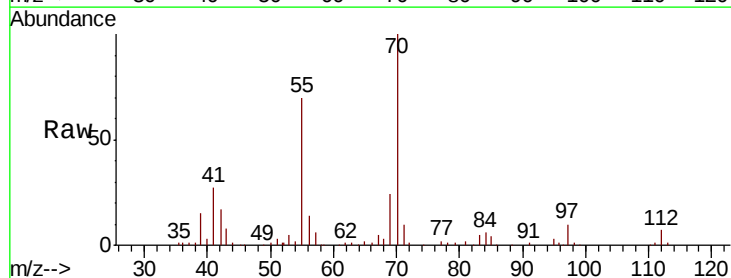


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

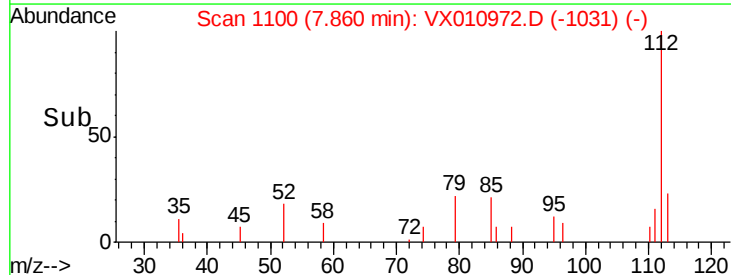
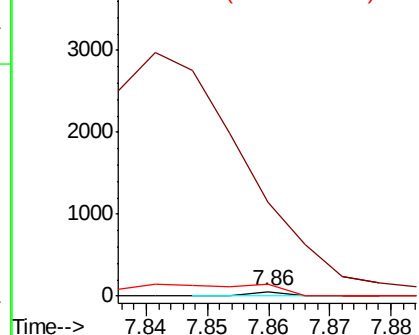


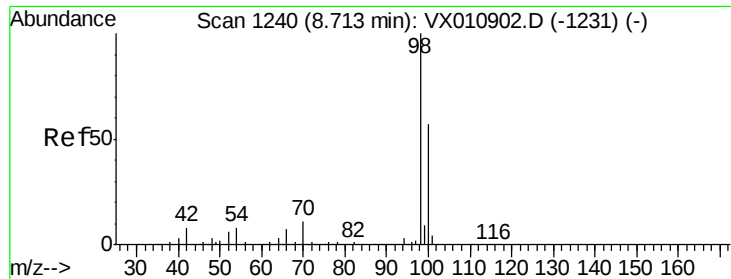
#49
1,4-Dioxane
Concen: 0.264 ug/l
RT: 7.86 min Scan# 1100
Delta R.T. 0.12 min
Lab File: VX010972.D
Acq: 18 Jul 2019 20:25

Tgt Ion: 88 Resp: 19
Ion Ratio Lower Upper
88 100
43 33710.5 22.9 34.3#
58 1547.4 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: 51.230 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX010972.D

Acq: 18 Jul 2019 20:25

Instrument :

MSVOA_X

ClientSampleId :

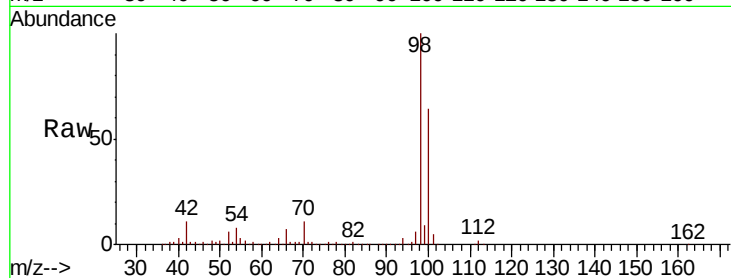
FL-0614

Tot Ion: 98 Resp: 465597

Ion Ratio Lower Upper

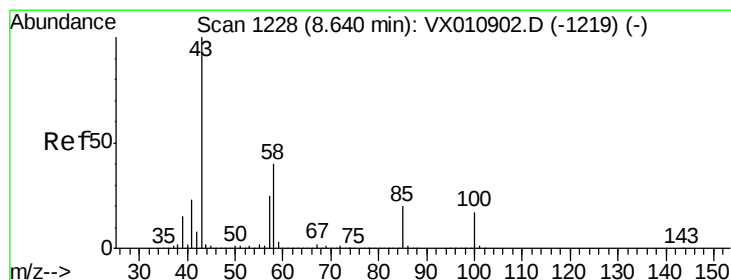
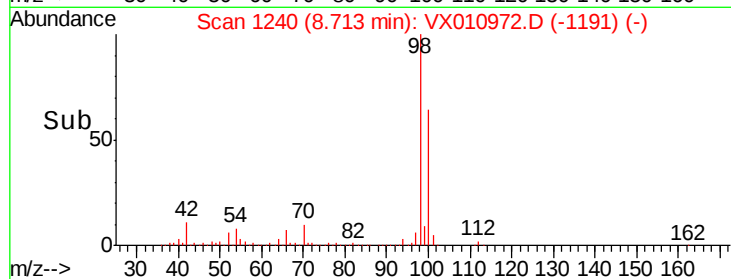
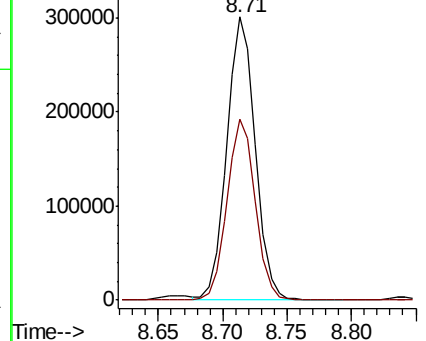
98 100

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): VX0



#51

4-Methyl-2-Pentanone

Concen: 2.125 ug/l

RT: 8.66 min Scan# 1232

Delta R.T. 0.02 min

Lab File: VX010972.D

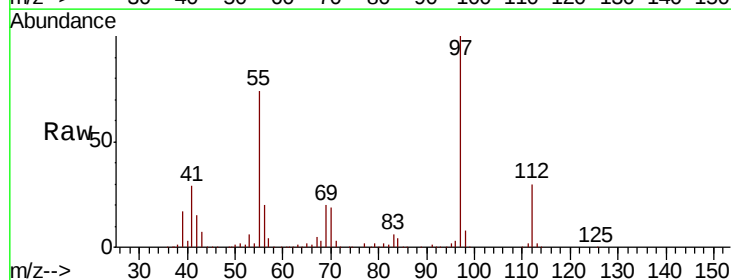
Acq: 18 Jul 2019 20:25

Tgt Ion: 43 Resp: 7272

Ion Ratio Lower Upper

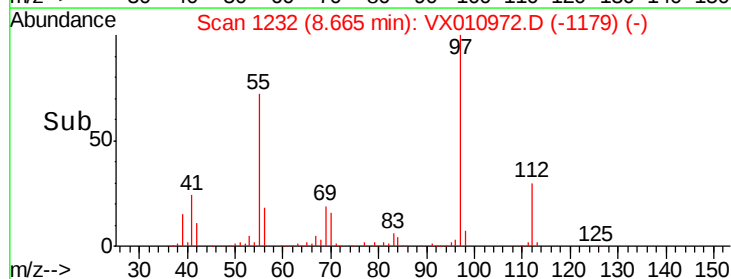
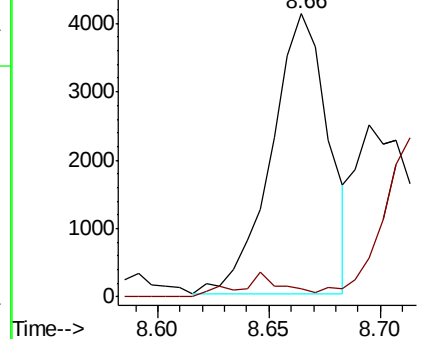
43 100

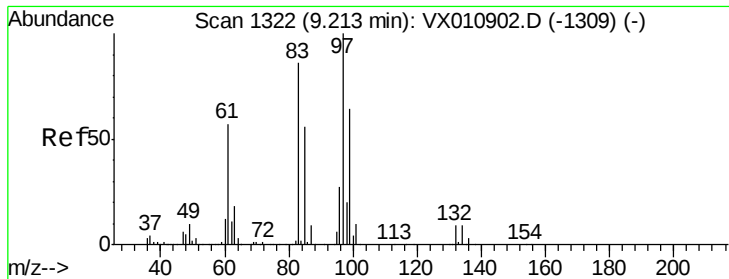
58 6.7 32.2 48.4#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#55

1,1,2-Trichloroethane

Concen: 20.000 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX010972.D

Acq: 18 Jul 2019 20:25

Instrument :

MSVOA_X

ClientSampled :

FL-0614

Tot Ion: 97 Resp: 51966

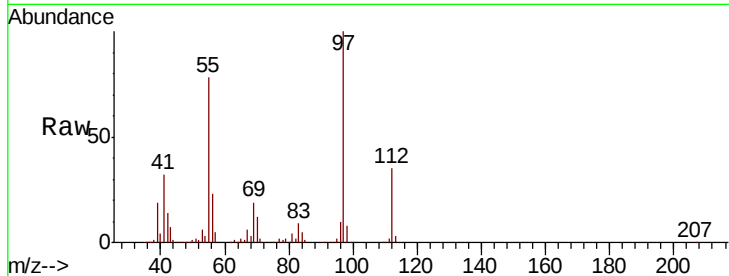
Ion Ratio Lower Upper

97 100

83 8.8 69.2 103.8#

85 0.7 44.6 66.8#

99 0.4 51.2 76.8#

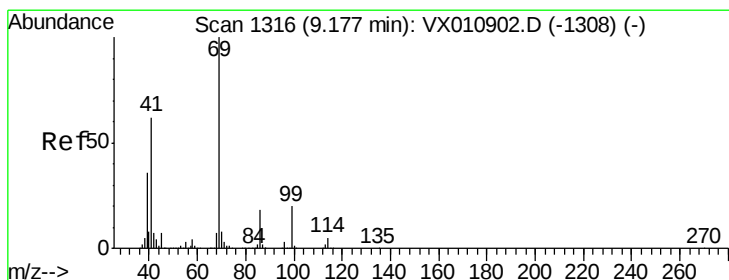
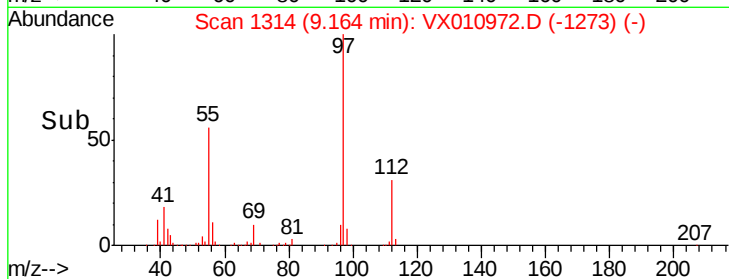
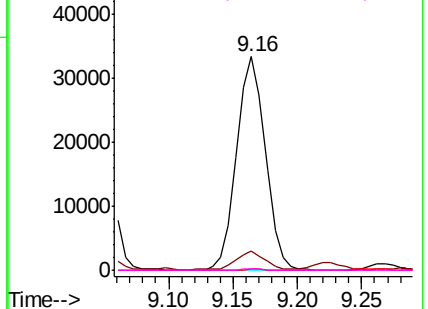


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 2.762 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.01 min

Lab File: VX010972.D

Acq: 18 Jul 2019 20:25

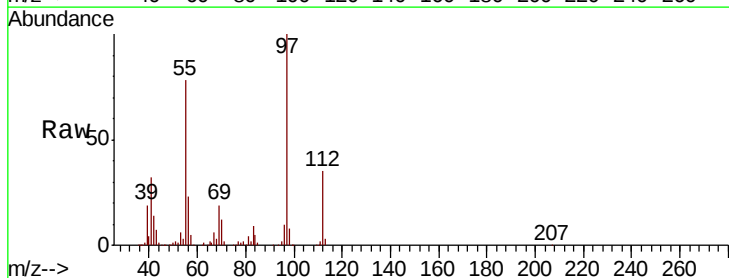
Tgt Ion: 69 Resp: 10497

Ion Ratio Lower Upper

69 100

41 159.2 49.7 74.5#

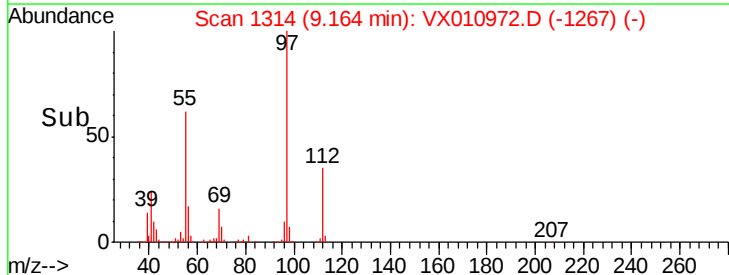
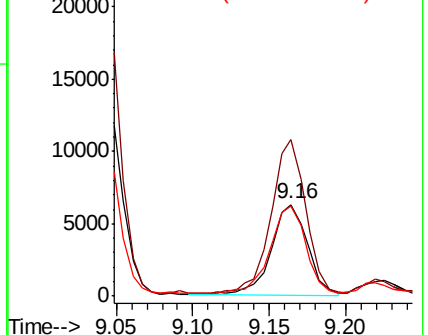
39 94.2 29.6 44.4#

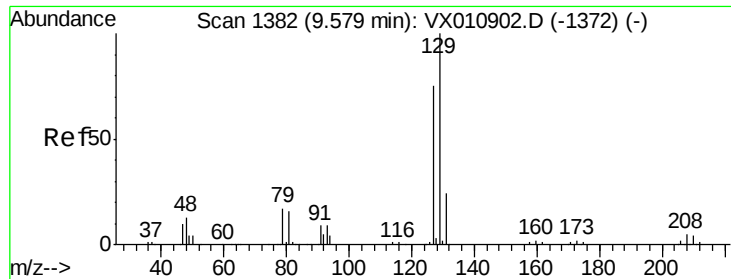


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#60

Dibromochloromethane

Concen: 2.536 ug/l

RT: 9.48 min Scan# 1365

Delta R.T. -0.10 min

Lab File: VX010972.D

Acq: 18 Jul 2019 20:25

Instrument :

MSVOA_X

ClientSampleId :

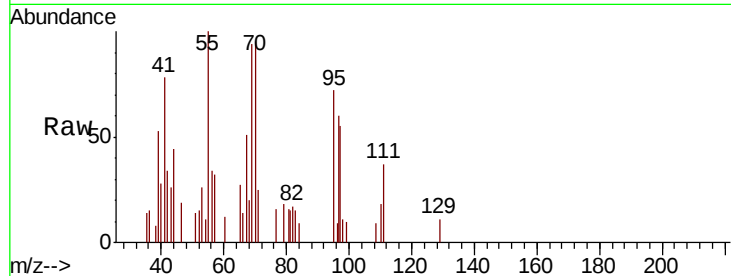
FL-0614

Tot Ion:129 Resp: 25

Ion Ratio Lower Upper

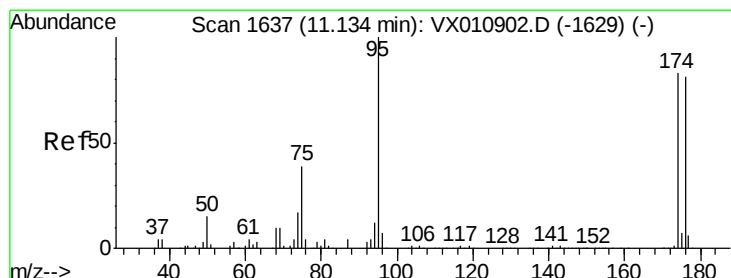
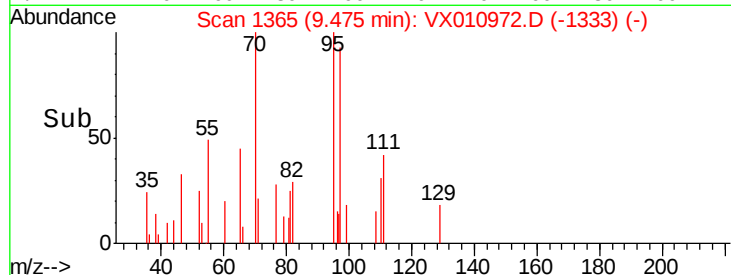
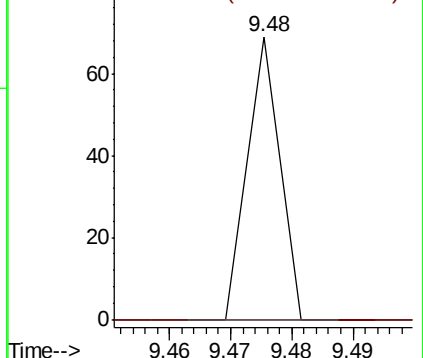
129 100

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: 52.181 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX010972.D

Acq: 18 Jul 2019 20:25

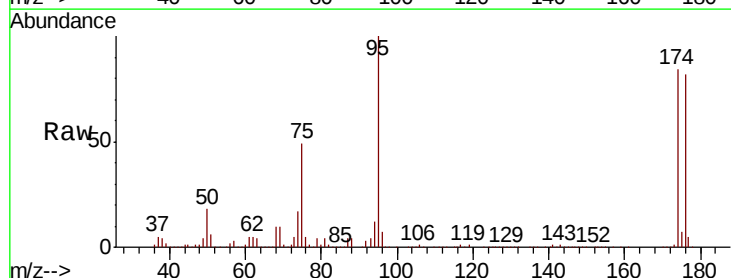
Tgt Ion: 95 Resp: 174316

Ion Ratio Lower Upper

95 100

174 89.2 0.0 180.6

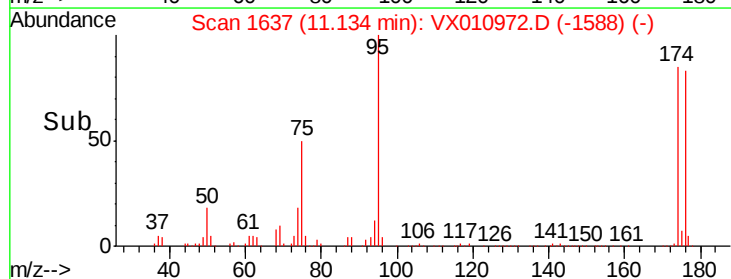
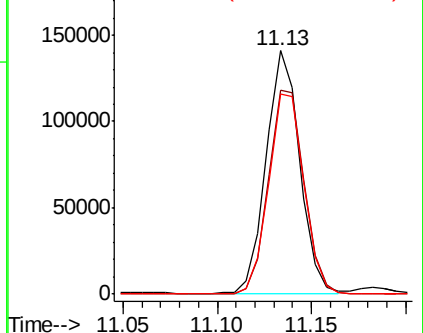
176 87.0 0.0 173.8

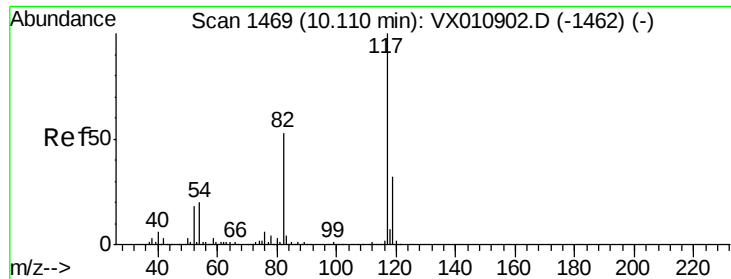


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

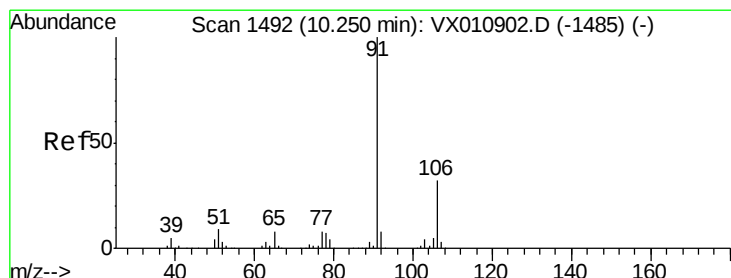
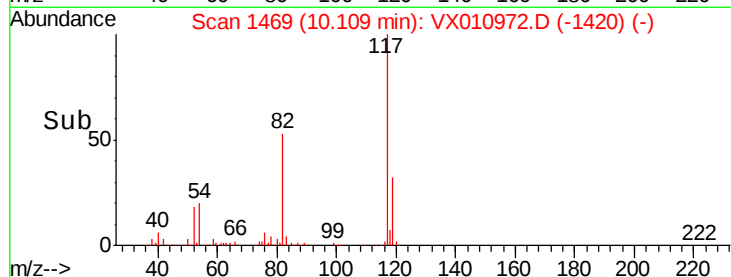
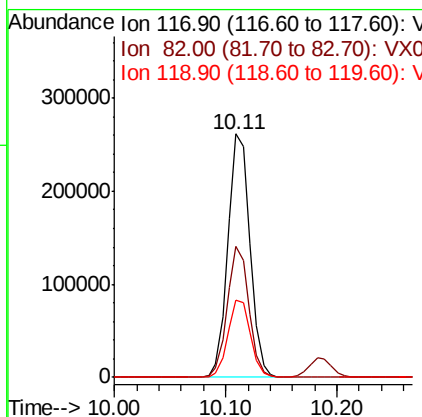
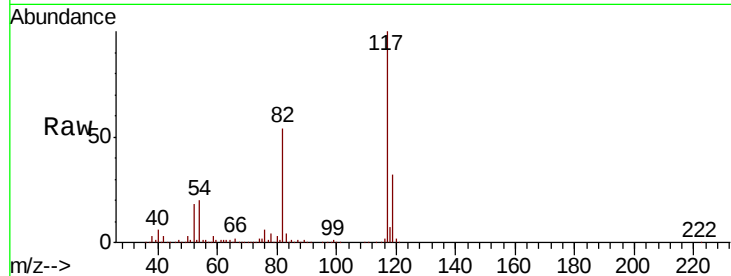




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010972.D
Acq: 18 Jul 2019 20:25

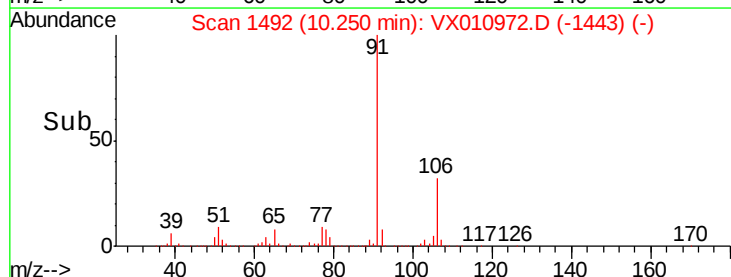
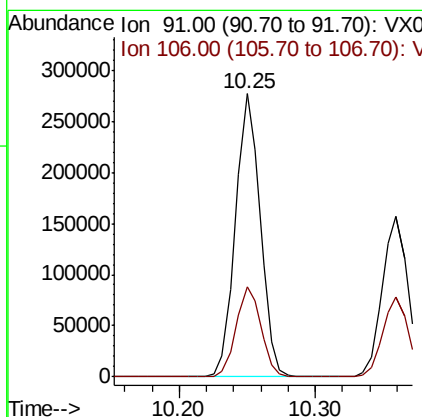
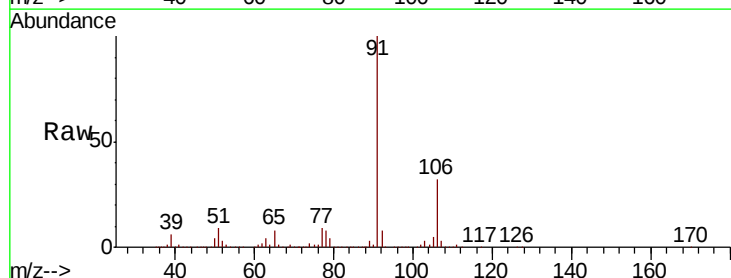
Instrument :
MSVOA_X
ClientSampleId :
FL-0614

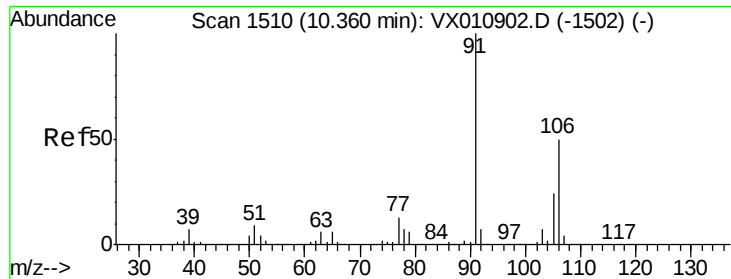
Tot Ion:117 Resp: 359227
Ion Ratio Lower Upper
117 100
82 53.5 42.6 63.8
119 31.5 25.9 38.9



#67
Ethyl Benzene
Concen: 28.008 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX010972.D
Acq: 18 Jul 2019 20:25

Tgt Ion: 91 Resp: 351739
Ion Ratio Lower Upper
91 100
106 31.9 25.4 38.2

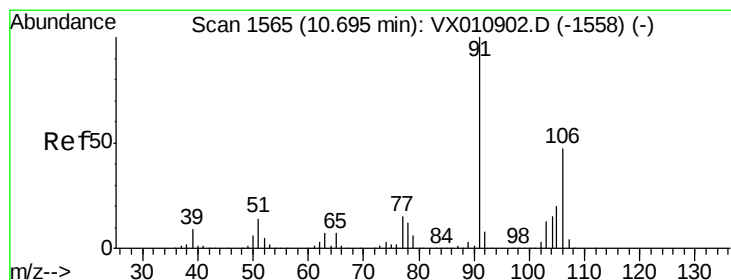
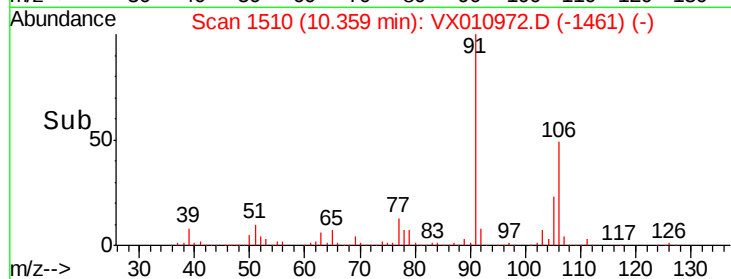
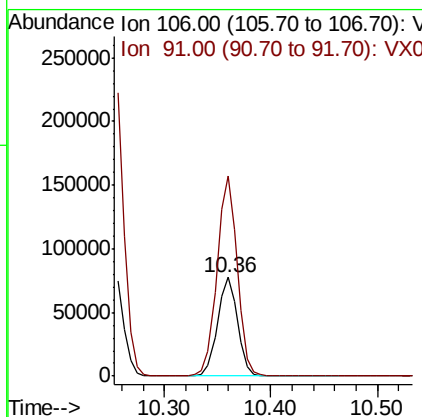
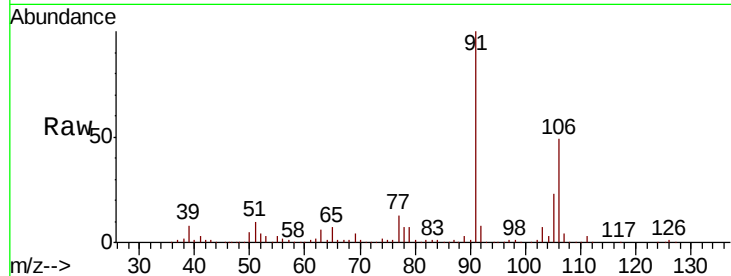




#68
m/p-Xylenes
Concen: 21.109 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX010972.D
Acq: 18 Jul 2019 20:25

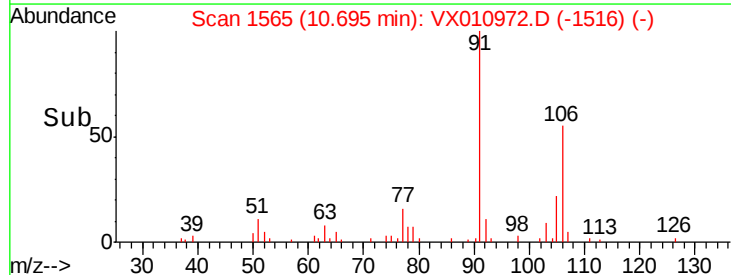
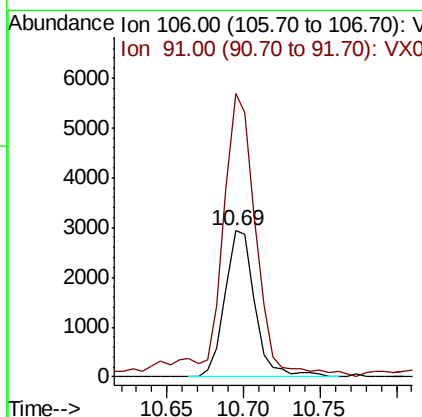
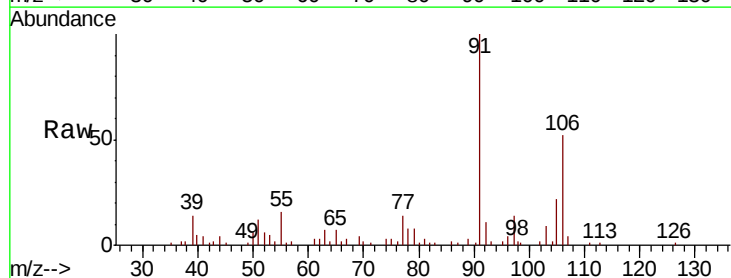
Instrument :
MSVOA_X
ClientSampled :
FL-0614

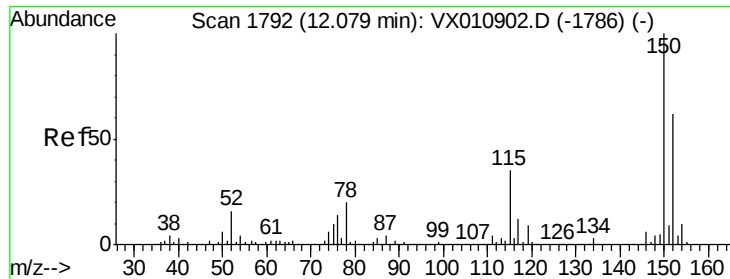
Tot Ion:106 Resp: 101691
Ion Ratio Lower Upper
106 100
91 202.8 160.1 240.1



#69
o-Xylene
Concen: 0.851 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010972.D
Acq: 18 Jul 2019 20:25

Tgt Ion:106 Resp: 4001
Ion Ratio Lower Upper
106 100
91 229.2 105.1 315.3



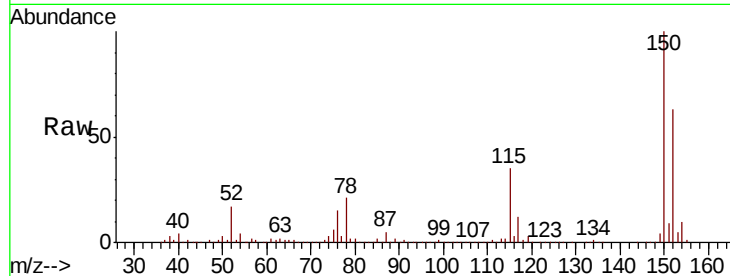


#72

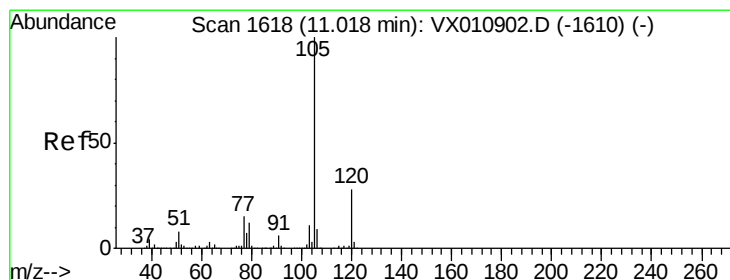
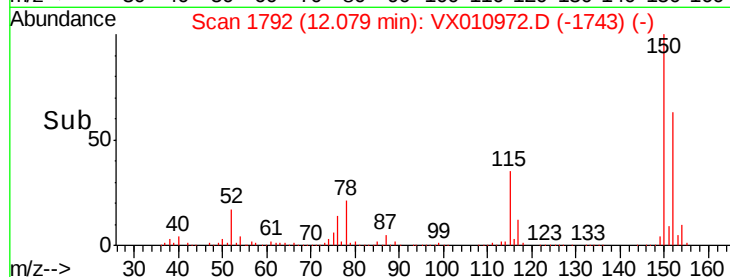
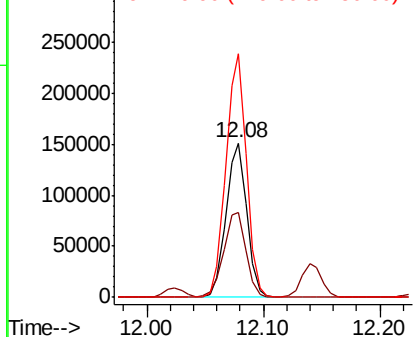
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010972.D
Acq: 18 Jul 2019 20:25

Instrument :
MSVOA_X
ClientSampled :
FL-0614

Tot Ion:152 Resp: 185131
Ion Ratio Lower Upper
152 100
115 59.0 39.7 119.1
150 156.6 0.0 345.6



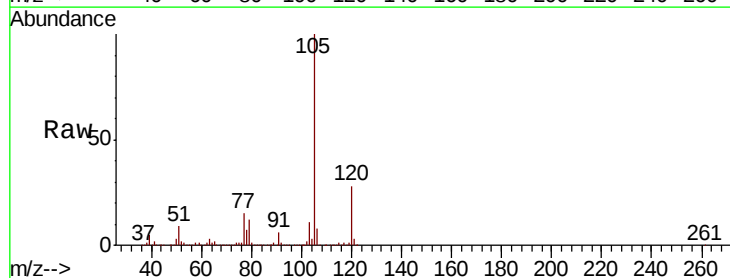
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



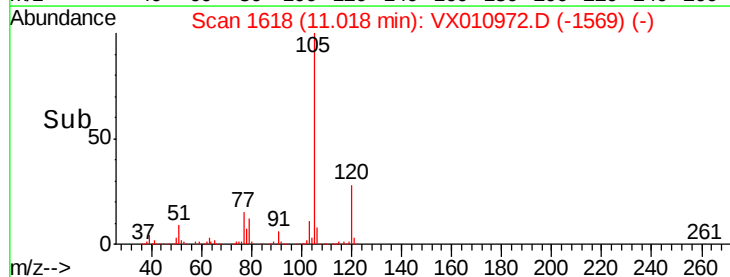
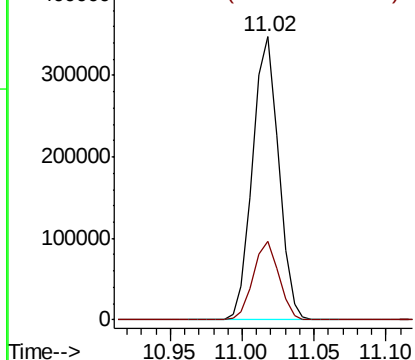
#73

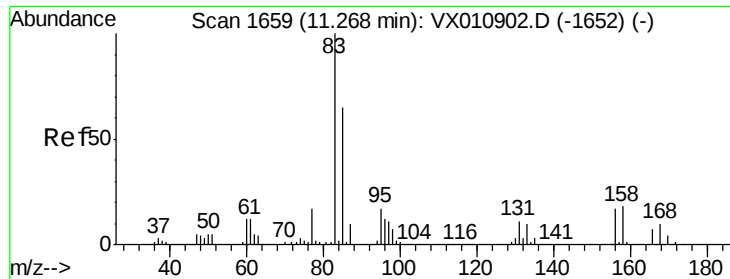
Isopropylbenzene
Concen: 34.634 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX010972.D
Acq: 18 Jul 2019 20:25

Tgt Ion:105 Resp: 433243
Ion Ratio Lower Upper
105 100
120 27.3 13.7 41.1



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





#75

1,1,2,2-Tetrachloroethane

Concen: 0.329 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX010972.D

Acq: 18 Jul 2019 20:25

Instrument :

MSVOA_X

ClientSampled :

FL-0614

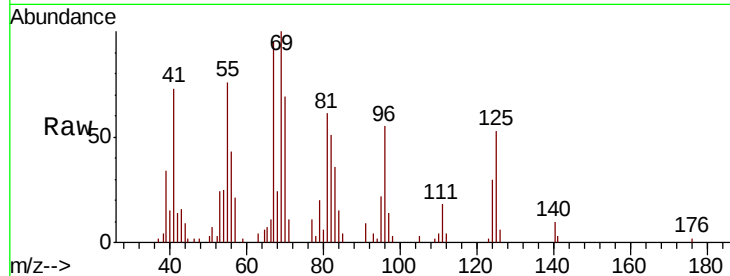
Tot Ion: 83 Resp: 1345

Ion Ratio Lower Upper

83 100

131 0.0 5.5 16.4#

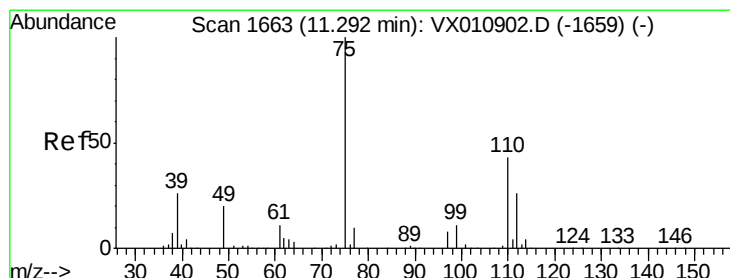
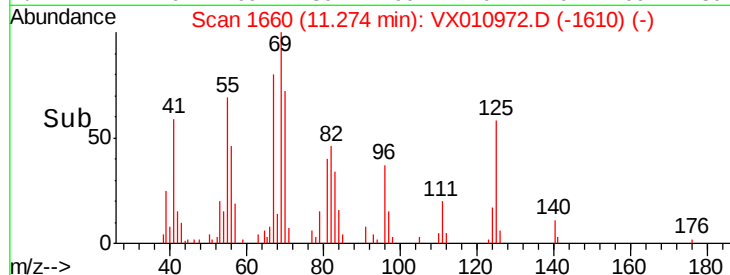
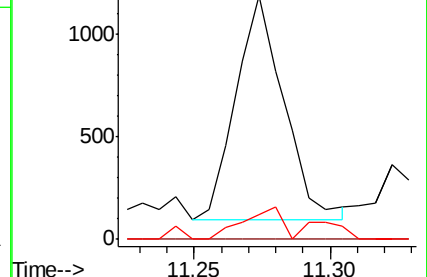
85 11.5 32.3 96.9#



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: 2.723 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.14 min

Lab File: VX010972.D

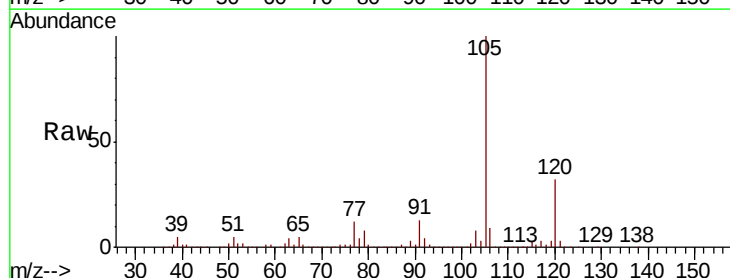
Acq: 18 Jul 2019 20:25

Tgt Ion: 75 Resp: 9098

Ion Ratio Lower Upper

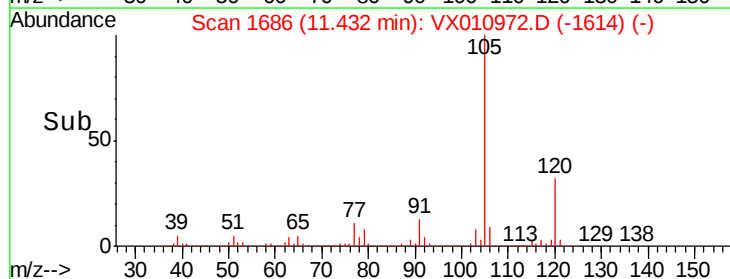
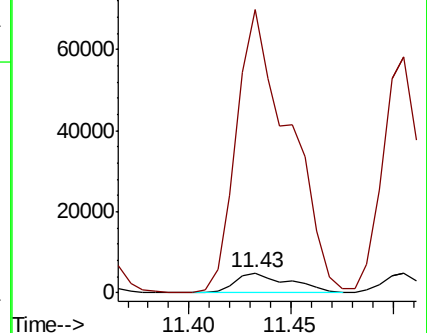
75 100

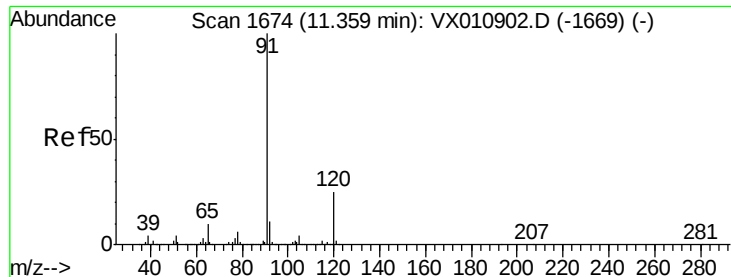
77 1379.2 21.3 64.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 26.941 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010972.D

Acq: 18 Jul 2019 20:25

Instrument :

MSVOA_X

ClientSampleId :

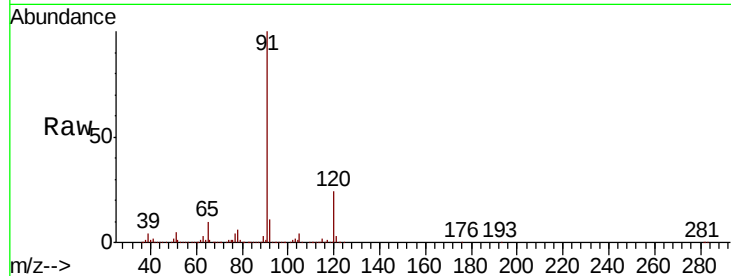
FL-0614

Tot Ion: 91 Resp: 372373

Ion Ratio Lower Upper

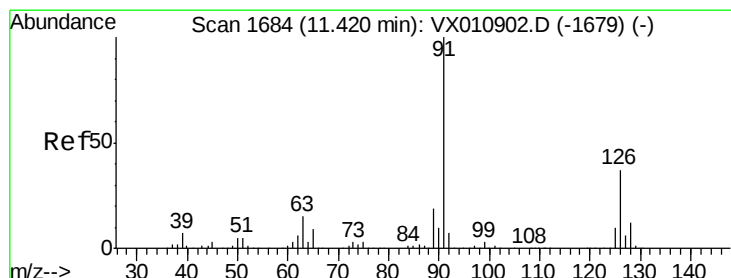
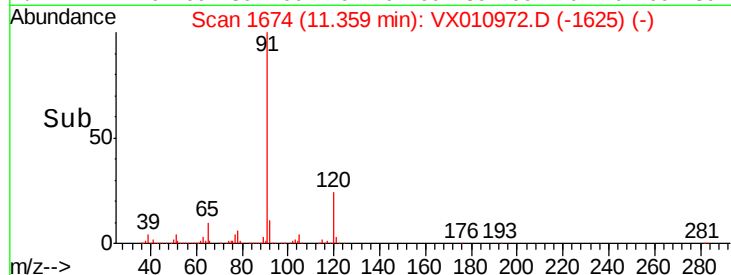
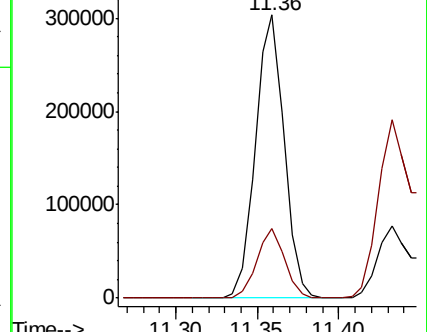
91 100

120 24.0 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 16.255 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX010972.D

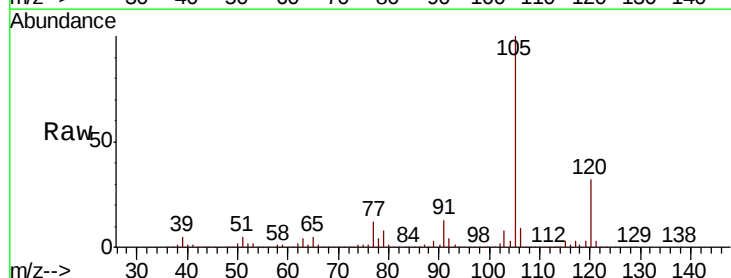
Acq: 18 Jul 2019 20:25

Tgt Ion: 91 Resp: 134964

Ion Ratio Lower Upper

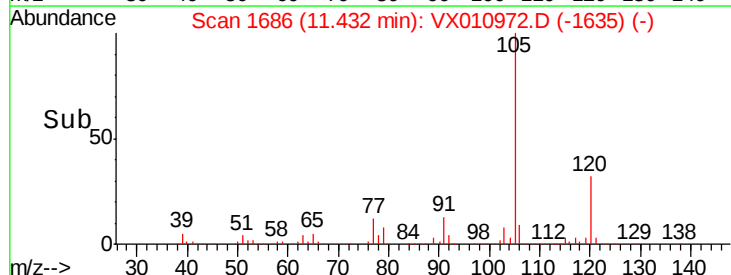
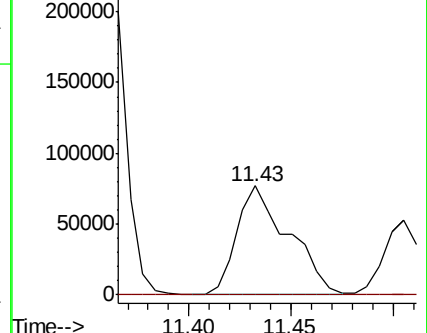
91 100

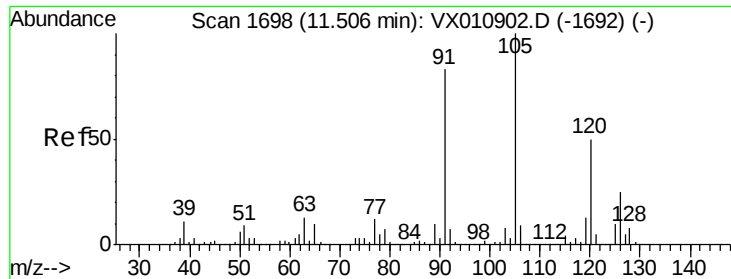
126 0.0 18.0 54.0#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

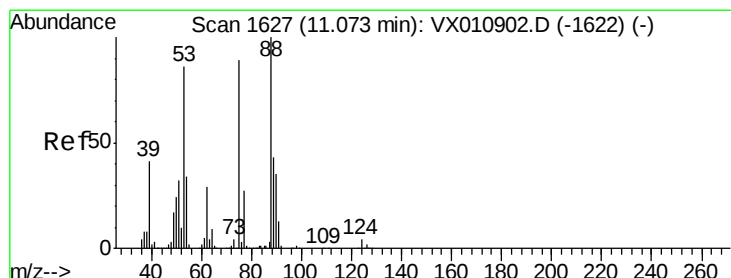
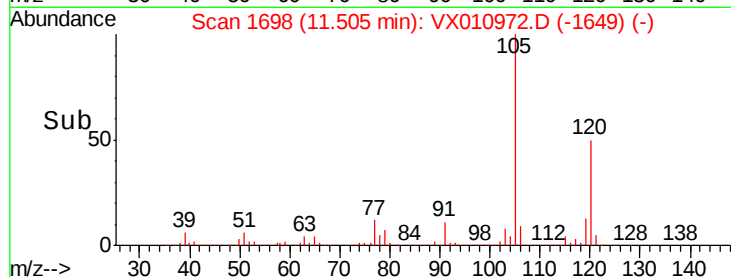
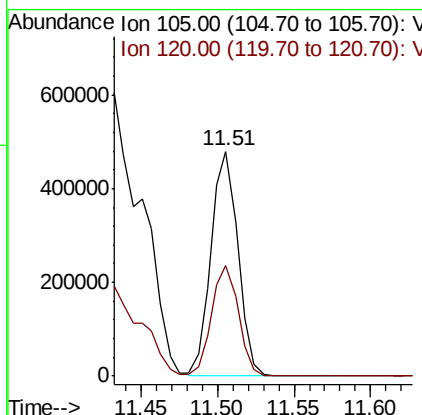
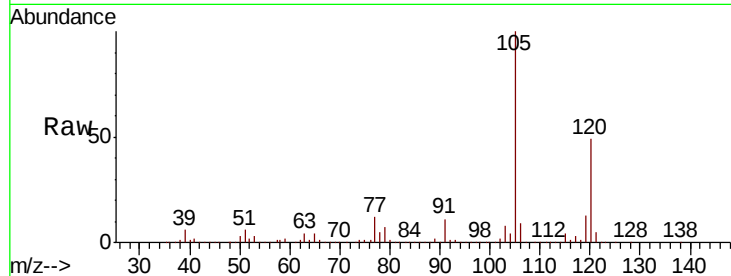




#80
 1,3,5-Trimethylbenzene
 Concen: 56.213 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX010972.D
 Acq: 18 Jul 2019 20:25

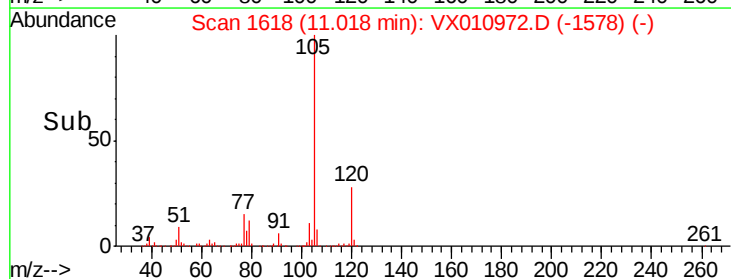
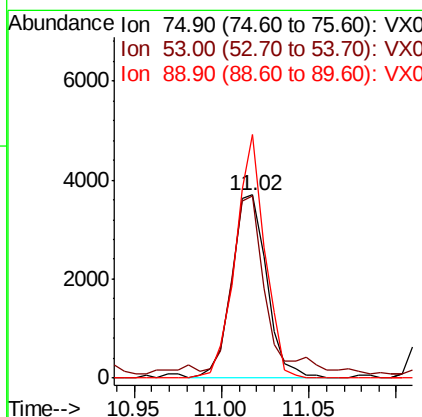
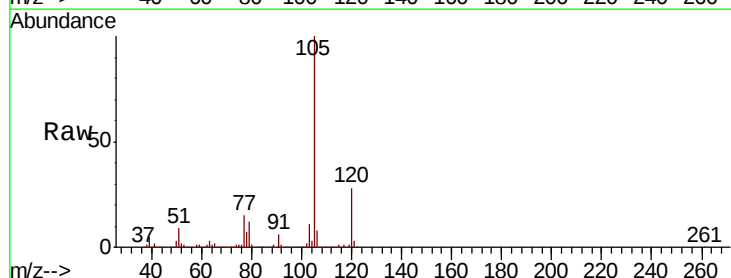
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0614

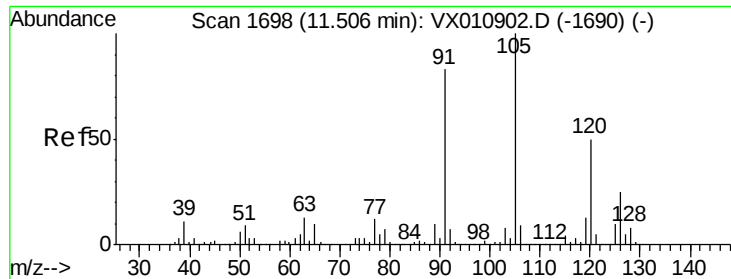
Tot Ion:105 Resp: 587578
 Ion Ratio Lower Upper
 105 100
 120 49.2 24.6 73.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 7.591 ug/l
 RT: 11.02 min Scan# 1618
 Delta R.T. -0.05 min
 Lab File: VX010972.D
 Acq: 18 Jul 2019 20:25

Tgt Ion: 75 Resp: 5174
 Ion Ratio Lower Upper
 75 100
 53 98.4 76.7 115.1
 89 110.5 38.5 57.7#





#82

4-Chlorotoluene

Concen: 6.650 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010972.D

Acq: 18 Jul 2019 20:25

Instrument :

MSVOA_X

ClientSampled :

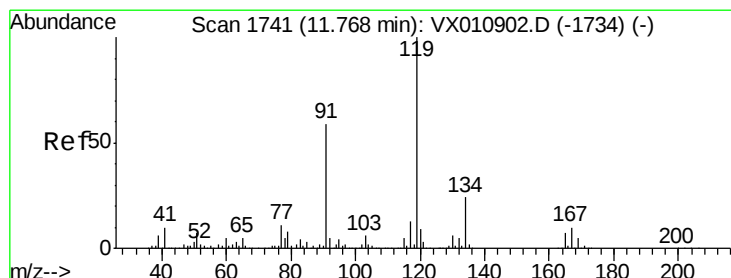
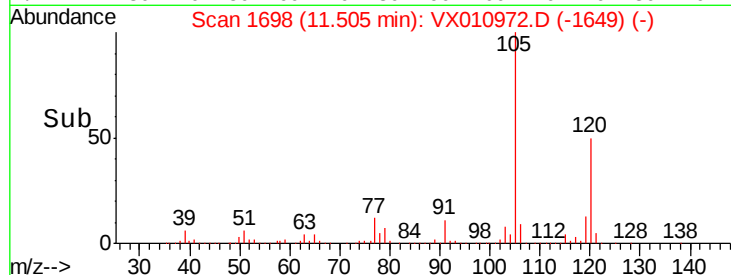
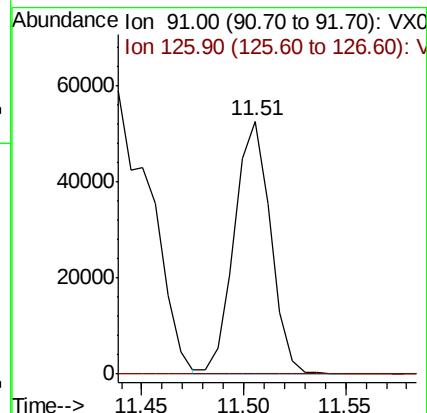
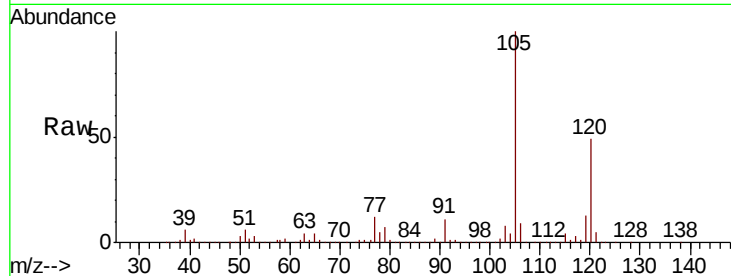
FL-0614

Tot Ion: 91 Resp: 64266

Ion Ratio Lower Upper

91 100

126 0.0 15.9 47.7#



#83

tert-Butylbenzene

Concen: 2.754 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX010972.D

Acq: 18 Jul 2019 20:25

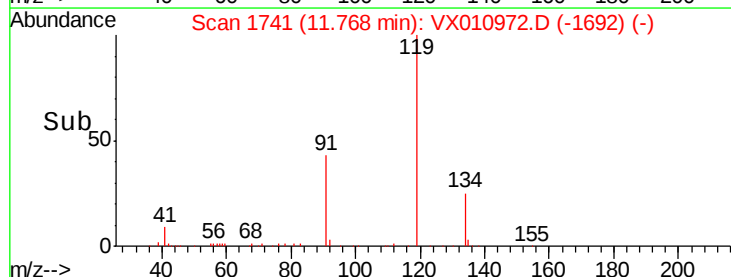
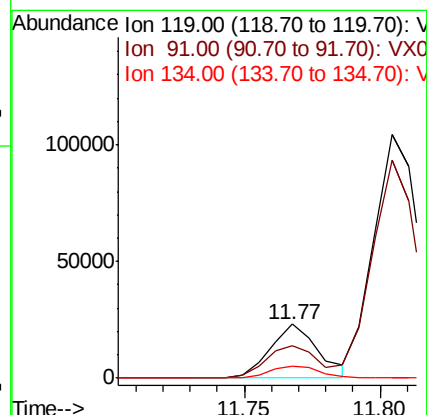
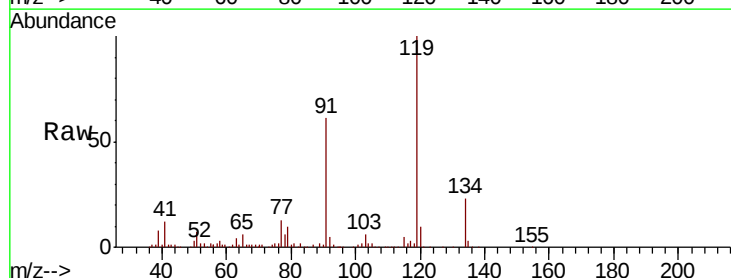
Tgt Ion: 119 Resp: 28278

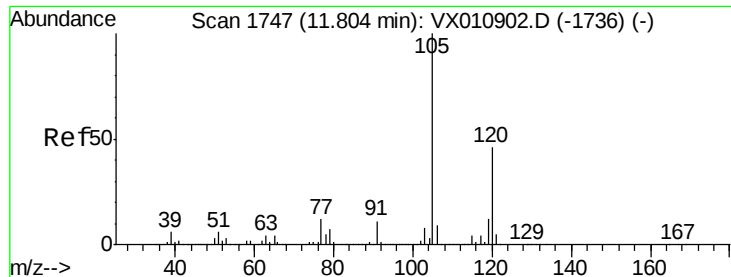
Ion Ratio Lower Upper

119 100

91 61.4 28.6 85.8

134 23.6 11.6 34.8





#84

1,2,4-Trimethylbenzene

Concen: 96.758 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX010972.D

Acq: 18 Jul 2019 20:25

Instrument :

MSVOA_X

ClientSampled :

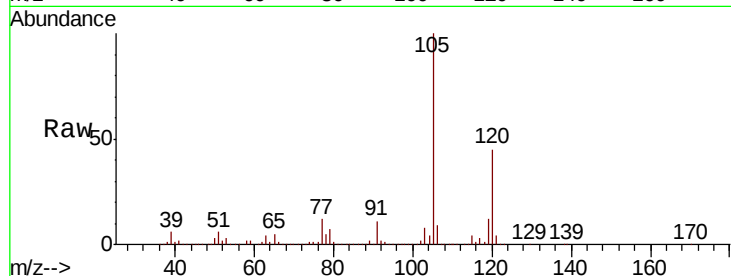
FL-0614

Tot Ion:105 Resp: 1019374

Ion Ratio Lower Upper

105 100

120 45.8 22.9 68.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.80

800000

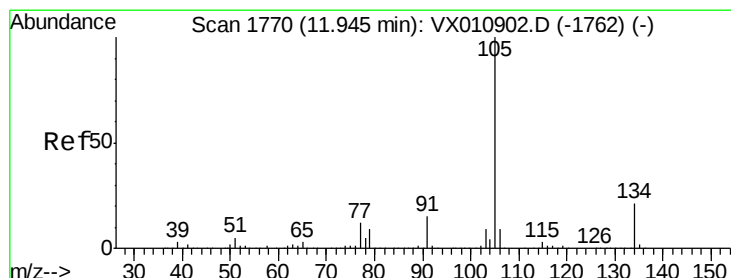
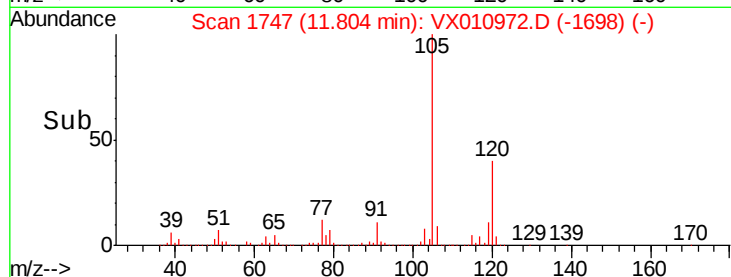
600000

400000

200000

0

Time-->



#85

sec-Butylbenzene

Concen: 11.129 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010972.D

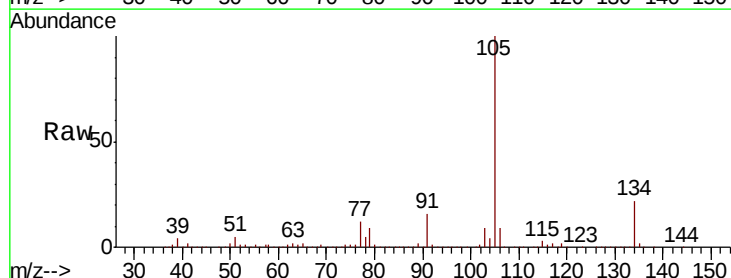
Acq: 18 Jul 2019 20:25

Tgt Ion:105 Resp: 133883

Ion Ratio Lower Upper

105 100

134 32.7 10.4 31.4#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

120000

100000

80000

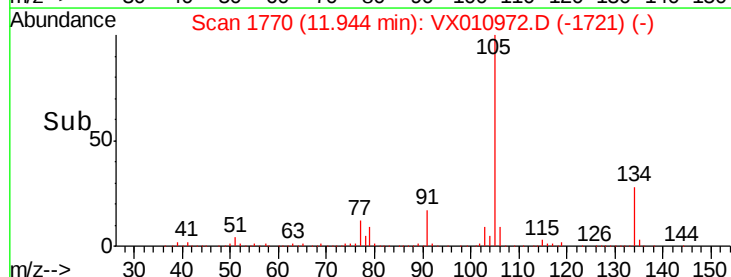
60000

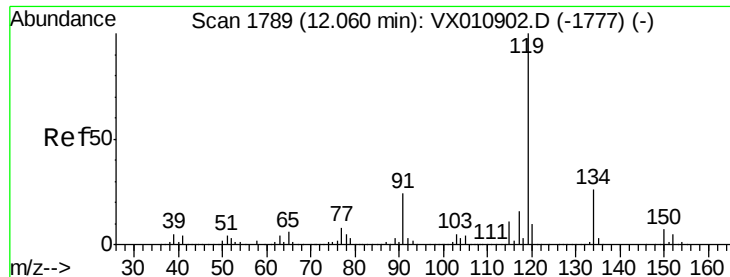
40000

20000

0

Time-->

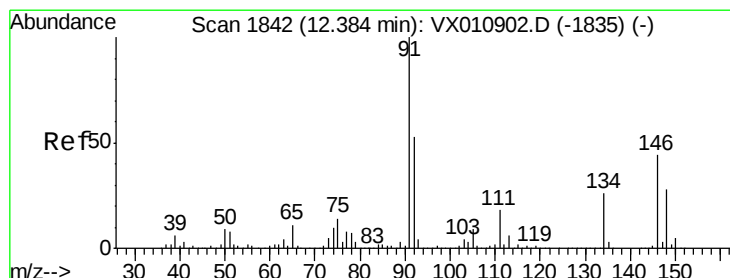
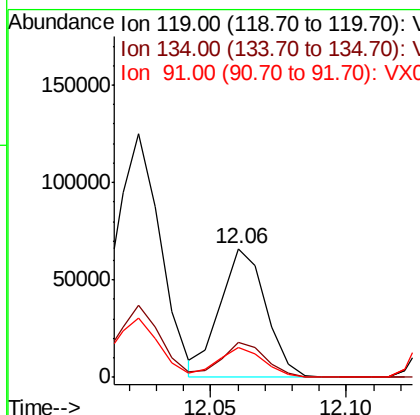
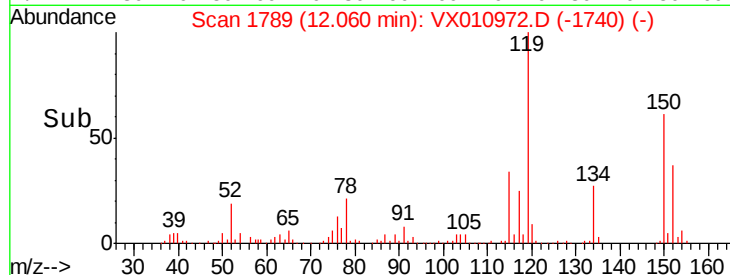
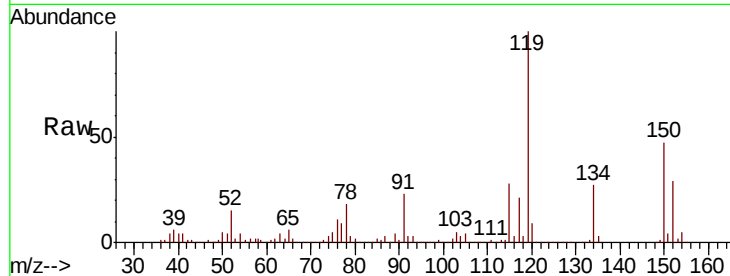




#86
p-Isopropyltoluene
Concen: 6.905 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX010972.D
Acq: 18 Jul 2019 20:25

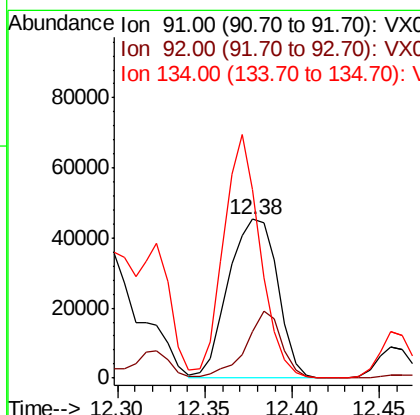
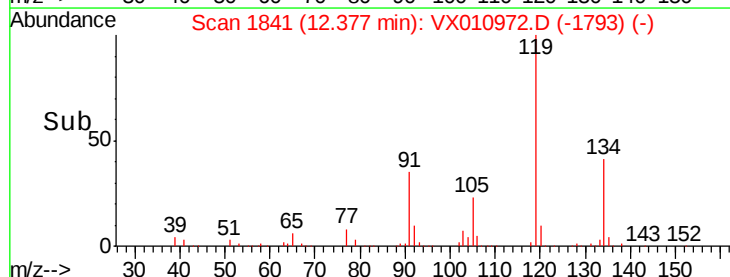
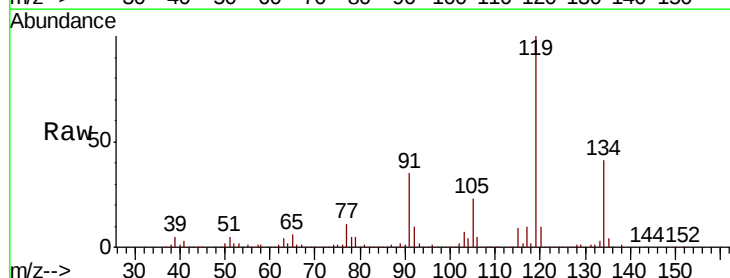
Instrument :
MSVOA_X
ClientSampled :
FL-0614

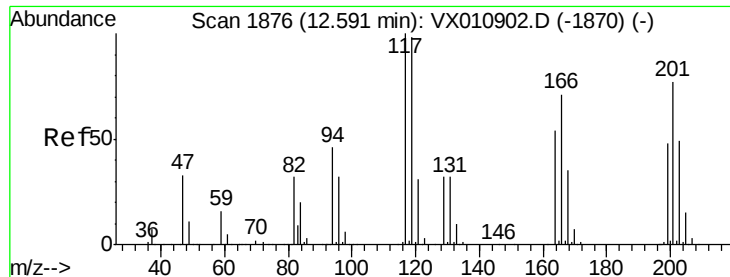
Tot Ion: 119 Resp: 76803
Ion Ratio Lower Upper
119 100
134 26.5 13.4 40.1
91 23.1 11.8 35.4



#89
n-Butylbenzene
Concen: 9.251 ug/l
RT: 12.38 min Scan# 1841
Delta R.T. -0.01 min
Lab File: VX010972.D
Acq: 18 Jul 2019 20:25

Tgt Ion: 91 Resp: 88023
Ion Ratio Lower Upper
91 100
92 30.9 26.2 78.5
134 115.2 13.8 41.3#





#90

Hexachloroethane

Concen: 7.652 ug/l

RT: 12.58 min Scan# 1875

Delta R.T. -0.01 min

Lab File: VX010972.D

Acq: 18 Jul 2019 20:25

Instrument :

MSVOA_X

ClientSampleId :

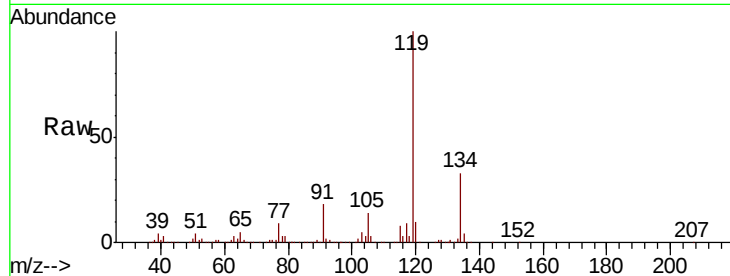
FL-0614

Tot Ion:117 Resp: 13424

Ion Ratio Lower Upper

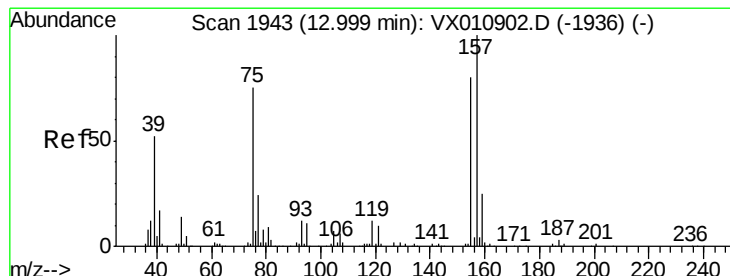
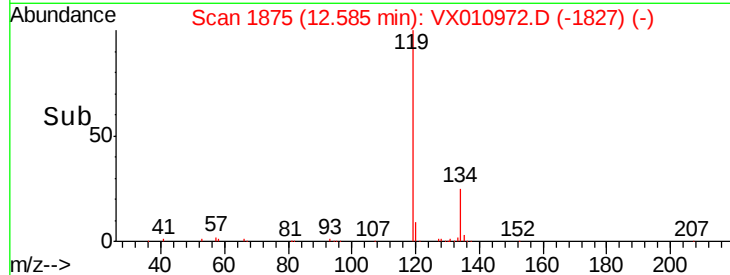
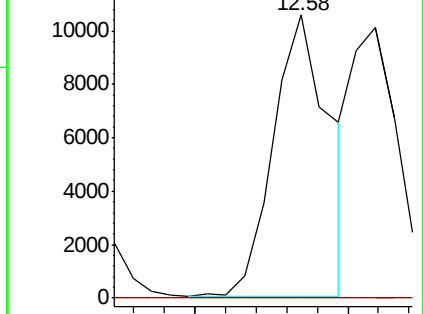
117 100

201 0.0 43.3 129.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.517 ug/l

RT: 13.01 min Scan# 1945

Delta R.T. 0.01 min

Lab File: VX010972.D

Acq: 18 Jul 2019 20:25

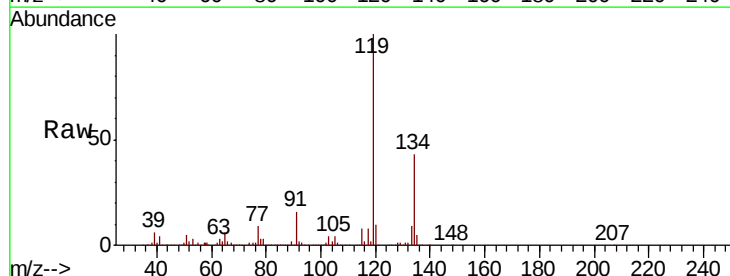
Tgt Ion: 75 Resp: 1298

Ion Ratio Lower Upper

75 100

155 0.0 48.7 146.1#

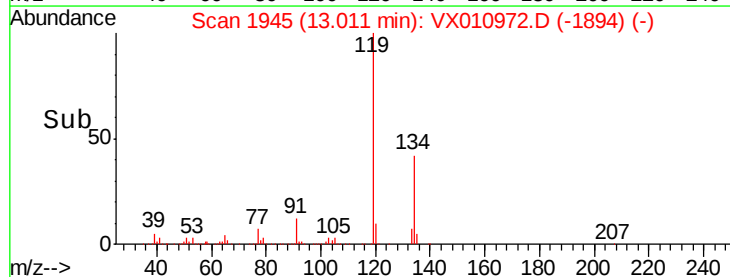
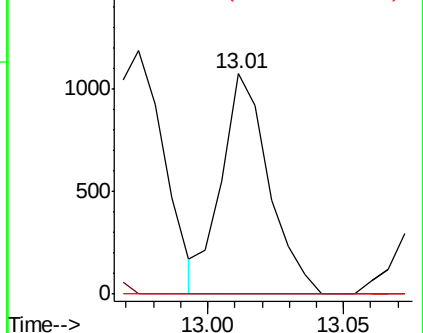
157 0.0 62.5 187.6#

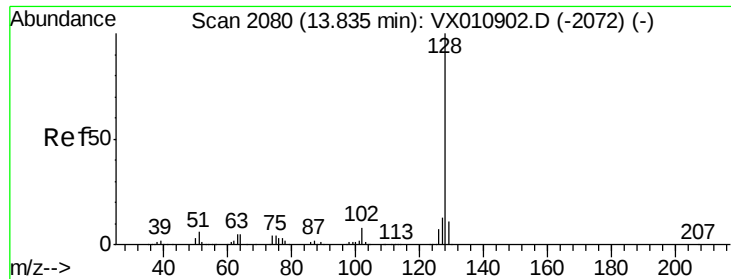


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95
Naphthalene
Concen: 22.063 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX010972.D
Acq: 18 Jul 2019 20:25

Instrument :
MSVOA_X
ClientSampleId :
FL-0614

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.4	15.6
129	12.4	8.9	13.3

