

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072019\
 Data File : VX011010.D
 Acq On : 19 Jul 2019 18:11
 Operator : JC/SP
 Sample : K3884-10DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0630DL

Quant Time: Jul 20 01:04:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 17 06:57:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	235655	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	367904	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	348559	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	173011	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	128499	51.26	ug/l	0.00
Spiked Amount			Recovery	=	102.52%	
35) Dibromofluoromethane	5.50	113	114928	49.22	ug/l	0.00
Spiked Amount			Recovery	=	98.44%	
50) Toluene-d8	8.71	98	447128	51.05	ug/l	0.00
Spiked Amount			Recovery	=	102.10%	
62) 4-Bromofluorobenzene	11.13	95	165314	51.35	ug/l	0.00
Spiked Amount			Recovery	=	102.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.36	85	19	0.554	ug/l #	43
5) Bromomethane	1.65	94	533	0.428	ug/l #	78
6) Chloroethane	1.67	64	283	0.201	ug/l #	41
11) Tert butyl alcohol	3.02	59	7586	12.993	ug/l #	73
13) Acrolein	2.39	56	8887	26.345	ug/l #	75
14) Allyl chloride	2.85	41	17133	5.619	ug/l #	63
15) Acrylonitrile	3.17	53	5398	4.575	ug/l #	42
16) Acetone	2.40	43	20866	18.428	ug/l #	46
18) Methyl Acetate	2.85	43	44079	17.097	ug/l #	48
20) Methylene Chloride	2.86	84	820	0.342	ug/l #	10
25) 2-Butanone	4.68	43	2067	1.272	ug/l	100
31) Cyclohexane	5.58	56	169512	49.799	ug/l	95
36) 1,1-Dichloropropene	5.66	75	16196	5.359	ug/l #	49
38) Carbon Tetrachloride	5.67	117	22415	7.118	ug/l #	17
39) Methylcyclohexane	7.46	83	104321	26.620	ug/l	97
45) 1,2-Dichloropropane	7.46	63	1375	0.584	ug/l #	1
48) Methyl methacrylate	7.73	41	6513	2.628	ug/l #	54
49) 1,4-Dioxane	7.82	88	45	0.649	ug/l #	1
51) 4-Methyl-2-Pentanone	8.66	43	1151	0.349	ug/l #	35
52) Toluene	8.79	92	2928	0.481	ug/l	98
55) 1,1,2-Trichloroethane	9.16	97	4591	1.834	ug/l #	18
56) Ethyl methacrylate	9.16	69	1090	0.298	ug/l #	1
60) Dibromochloromethane	9.34	129	74	2.552	ug/l #	11
67) Ethyl Benzene	10.25	91	261955	21.497	ug/l	99
68) m/p-Xylenes	10.36	106	167878	35.915	ug/l	99
69) o-Xylene	10.69	106	4321	0.947	ug/l	98
73) Isopropylbenzene	11.02	105	30817	2.636	ug/l	98
76) 1,2,3-Trichloropropane	11.13	75	82943	26.567	ug/l #	35
78) n-propylbenzene	11.36	91	40145	3.108	ug/l	99
79) 2-Chlorotoluene	11.45	91	21123	2.722	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.51	105	77746	7.959	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.13	75	82943	65.930	ug/l #	11
82) 4-Chlorotoluene	11.51	91	8805	0.975	ug/l #	43
83) tert-Butylbenzene	11.80	119	74121	7.725	ug/l #	57

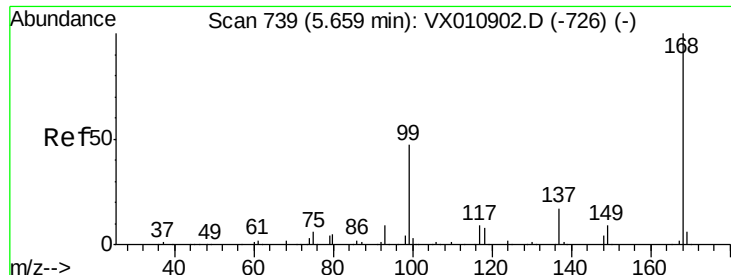
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072019\
 Data File : VX011010.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	11.80	105	601061	61.049	ug/l	100
85) sec-Butylbenzene	11.80	105	600863	53.444	ug/l #	55
86) p-Isopropyltoluene	12.06	119	12225	1.176	ug/l	96
89) n-Butylbenzene	12.38	91	12479	1.403	ug/l #	20
90) Hexachloroethane	12.58	117	4050	2.470	ug/l #	6
92) 1,2-Dibromo-3-Chloropropan	13.02	75	356	0.445	ug/l #	1
95) Naphthalene	13.83	128	186092	16.767	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX011010.D

Acq: 19 Jul 2019 18:11

Instrument :

MSVOA_X

ClientSampleId :

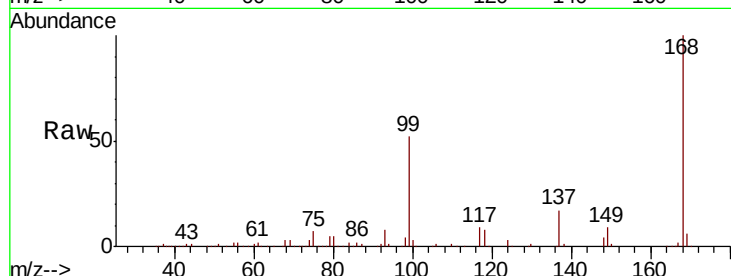
FL-0630DL

Tot Ion:168 Resp: 235655

Ion Ratio Lower Upper

168 100

99 51.5 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

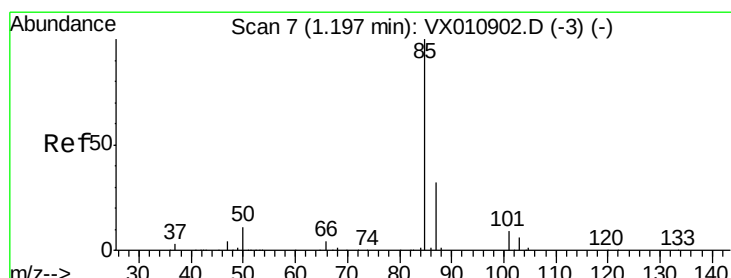
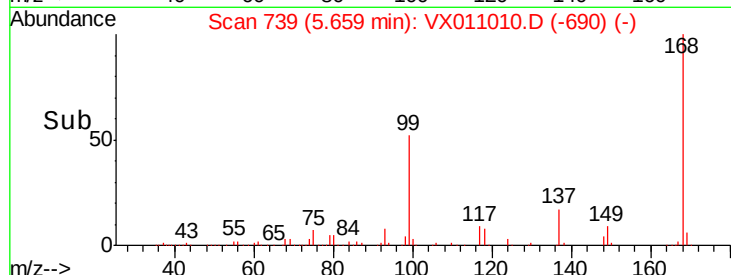
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 0.554 ug/l

RT: 1.36 min Scan# 34

Delta R.T. 0.16 min

Lab File: VX011010.D

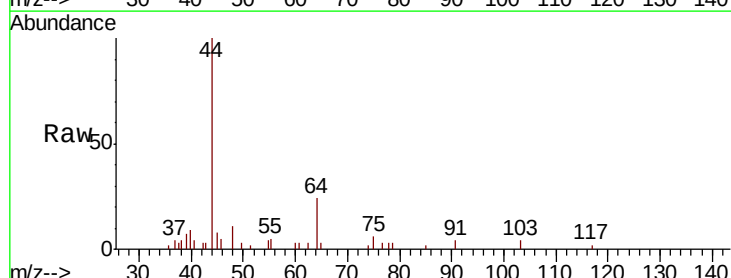
Acq: 19 Jul 2019 18:11

Tgt Ion: 85 Resp: 19

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

1.36

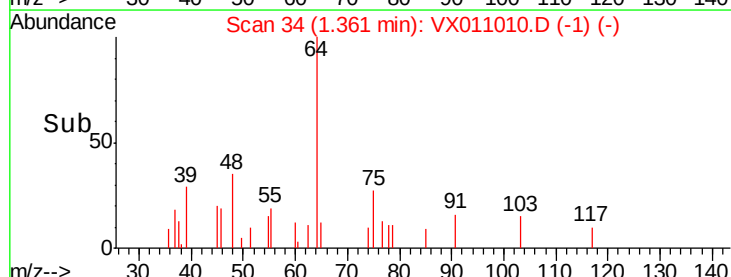
60

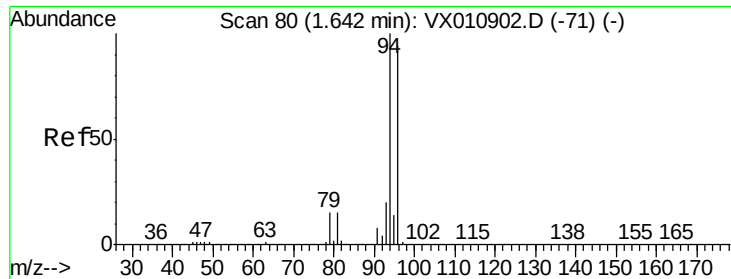
40

20

0

Time--> 1.34 1.35 1.36 1.37 1.38





#5

Bromomethane

Concen: 0.428 ug/l

RT: 1.65 min Scan# 82

Delta R.T. 0.01 min

Lab File: VX011010.D

Acq: 19 Jul 2019 18:11

Instrument :

MSVOA_X

ClientSampled :

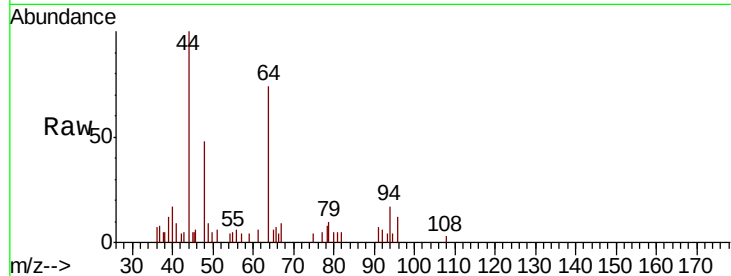
FL-0630DL

Tot Ion: 94 Resp: 533

Ion Ratio Lower Upper

94 100

96 73.2 75.6 113.4#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

250

200

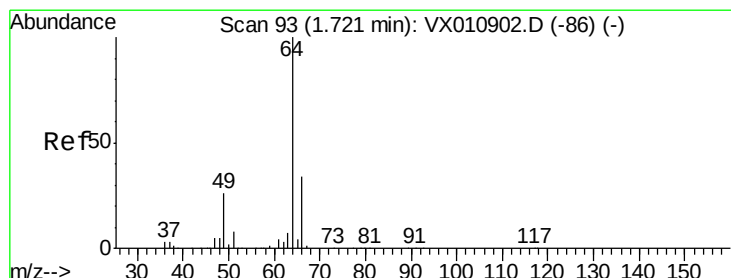
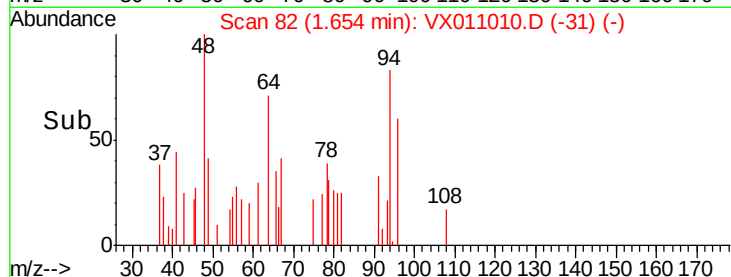
150

100

50

0

Time-->



#6

Chloroethane

Concen: 0.201 ug/l

RT: 1.67 min Scan# 84

Delta R.T. -0.06 min

Lab File: VX011010.D

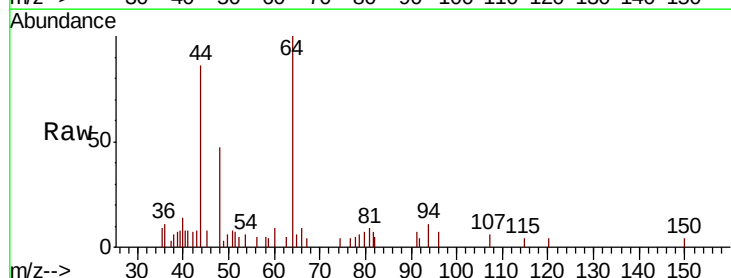
Acq: 19 Jul 2019 18:11

Tgt Ion: 64 Resp: 283

Ion Ratio Lower Upper

64 100

66 0.0 27.0 40.6#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.67

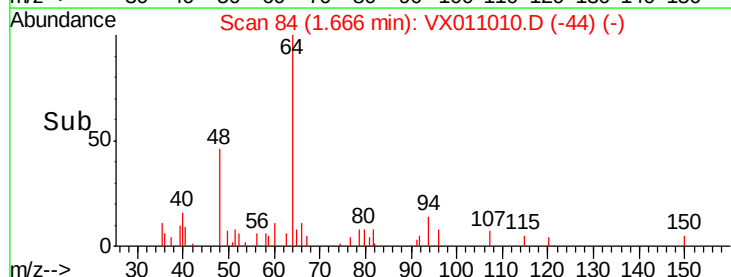
1500

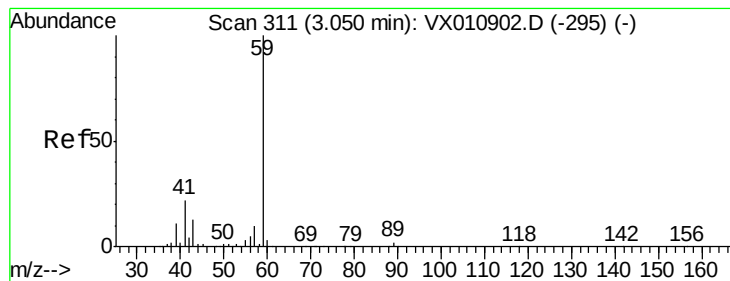
1000

500

0

Time-->



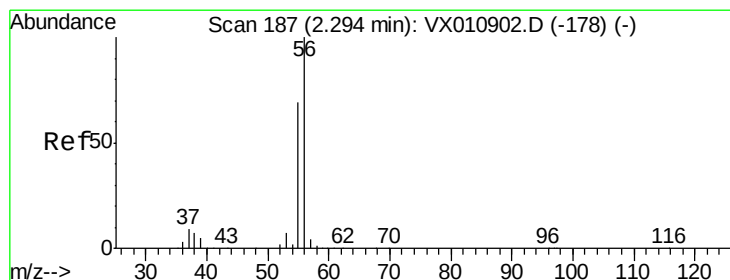
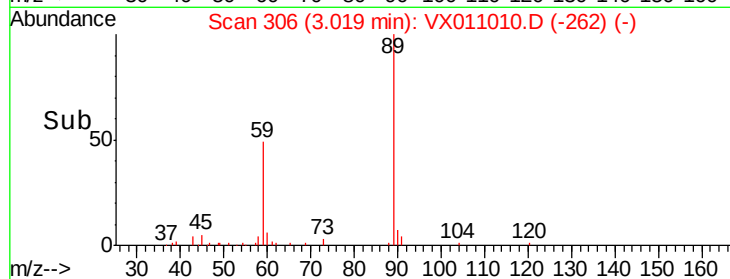
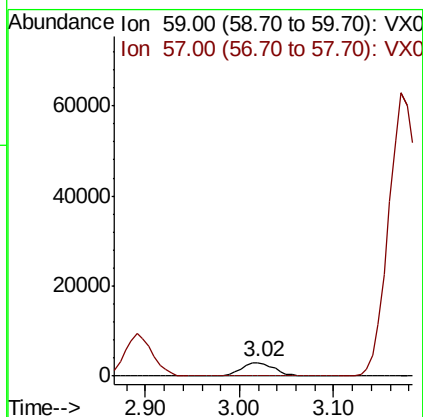
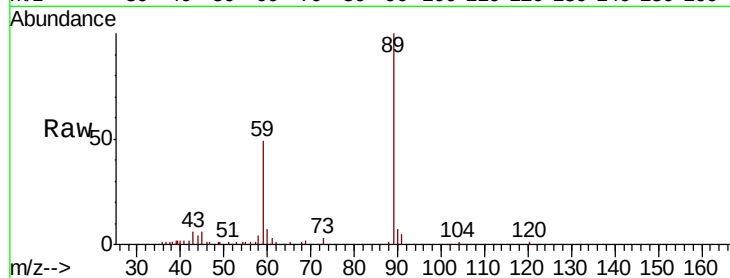


#11

Tert butyl alcohol
Concen: 12.993 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.03 min
Lab File: VX011010.D
Acq: 19 Jul 2019 18:11

Instrument :
MSVOA_X
ClientSampled :
FL-0630DL

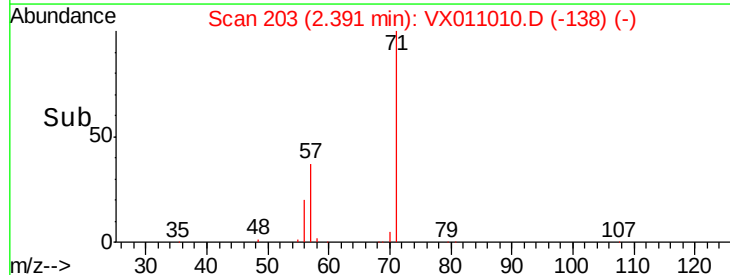
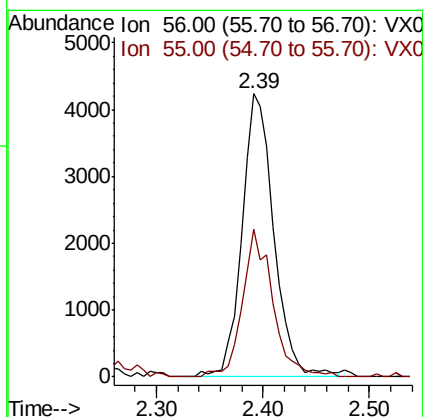
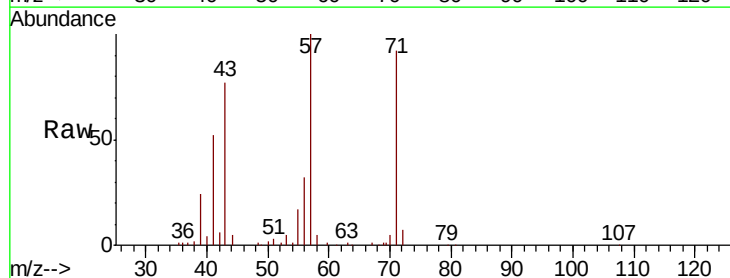
Tot Ion: 59 Resp: 7586
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#

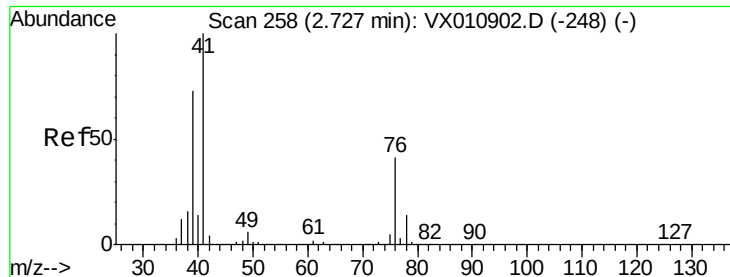


#13

Acrolein
Concen: 26.345 ug/l
RT: 2.39 min Scan# 203
Delta R.T. 0.10 min
Lab File: VX011010.D
Acq: 19 Jul 2019 18:11

Tgt Ion: 56 Resp: 8887
Ion Ratio Lower Upper
56 100
55 49.7 55.9 83.9#





#14

Allvl chloride

Concen: 5.619 ug/l

RT: 2.85 min Scan# 278

Delta R.T. 0.12 min

Lab File: VX011010.D

Acq: 19 Jul 2019 18:11

Instrument :

MSVOA_X

ClientSampleId :

FL-0630DL

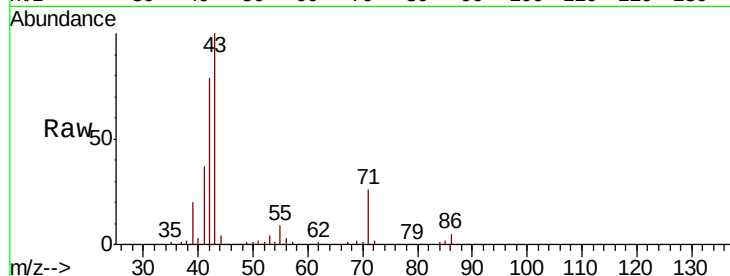
Tot Ion: 41 Resp: 17133

Ion Ratio Lower Upper

41 100

39 49.0 53.6 80.4#

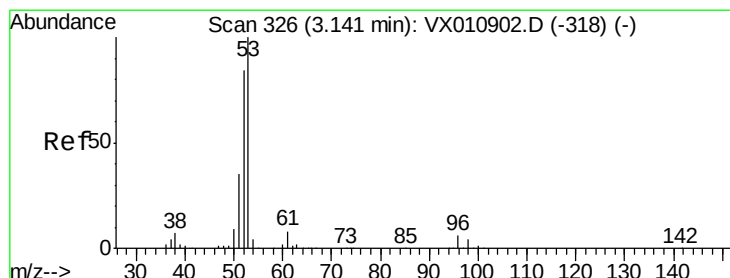
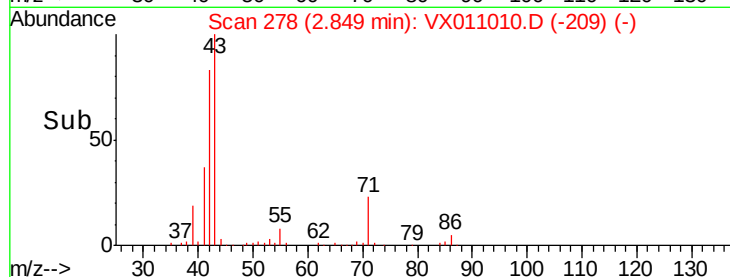
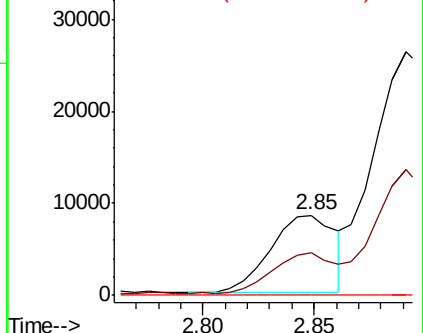
76 0.0 29.7 44.5#



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0



#15

Acrylonitrile

Concen: 4.575 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.03 min

Lab File: VX011010.D

Acq: 19 Jul 2019 18:11

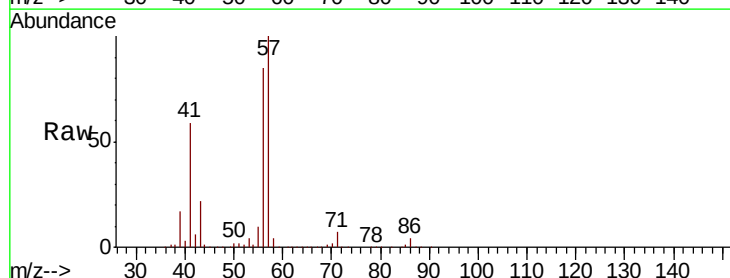
Tgt Ion: 53 Resp: 5398

Ion Ratio Lower Upper

53 100

52 27.8 66.5 99.7#

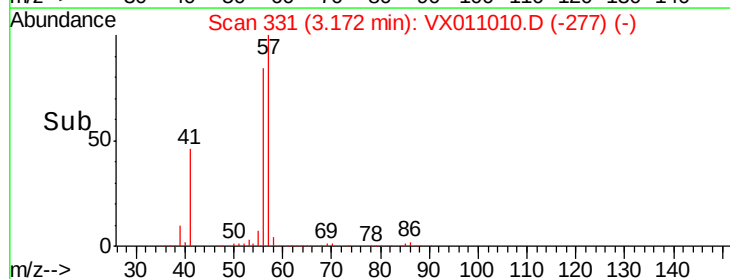
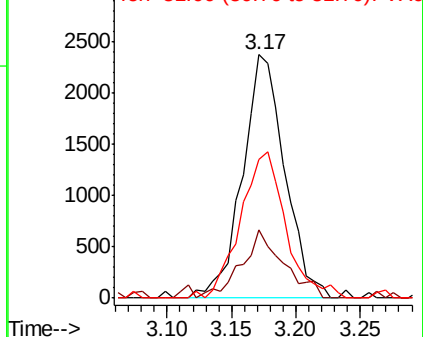
51 64.4 28.2 42.4#

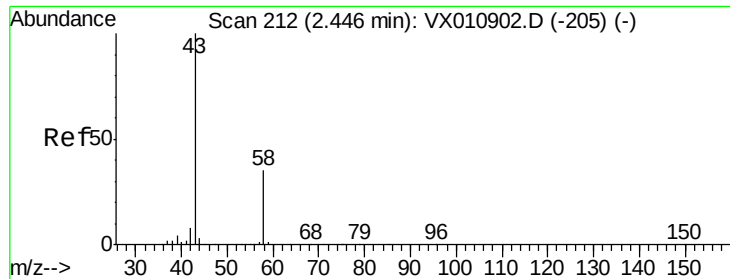


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#16

Acetone

Concen: 18.428 ug/l

RT: 2.40 min Scan# 204

Delta R.T. -0.05 min

Lab File: VX011010.D

Acq: 19 Jul 2019 18:11

Instrument :

MSVOA_X

ClientSampleId :

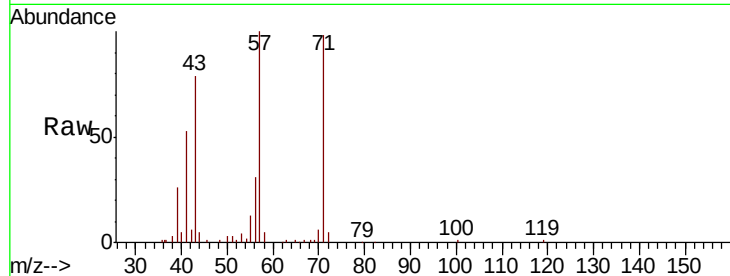
FL-0630DL

Tot Ion: 43 Resp: 20866

Ion Ratio Lower Upper

43 100

58 3.6 27.7 41.5#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

12000

10000

8000

6000

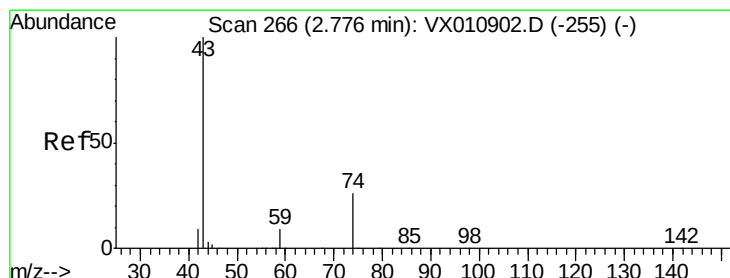
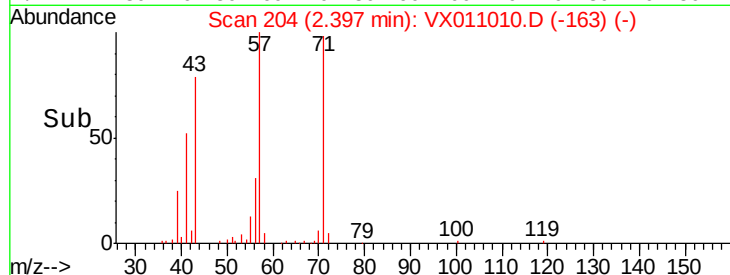
4000

2000

0

Time--> 2.30 2.35 2.40 2.45

2.40



#18

Methyl Acetate

Concen: 17.097 ug/l

RT: 2.85 min Scan# 278

Delta R.T. 0.07 min

Lab File: VX011010.D

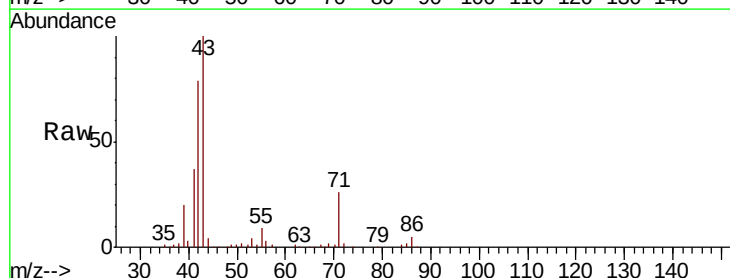
Acq: 19 Jul 2019 18:11

Tgt Ion: 43 Resp: 44079

Ion Ratio Lower Upper

43 100

74 0.1 21.5 32.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

60000

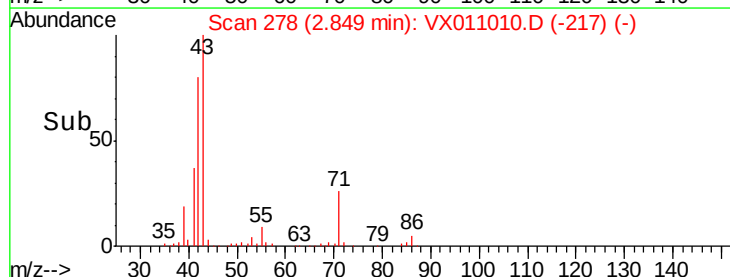
40000

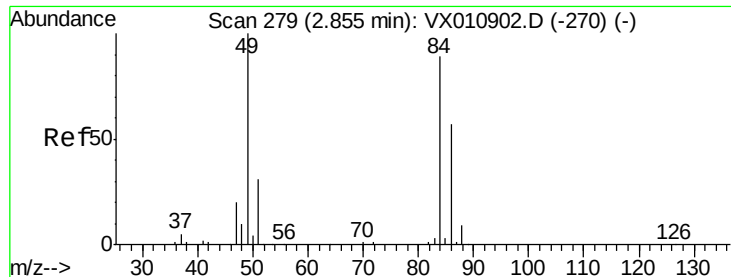
20000

0

Time--> 2.80 2.85

2.85

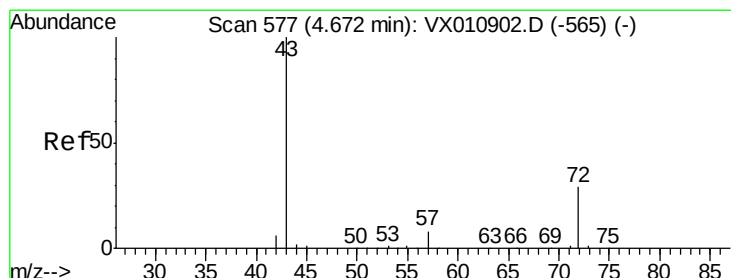
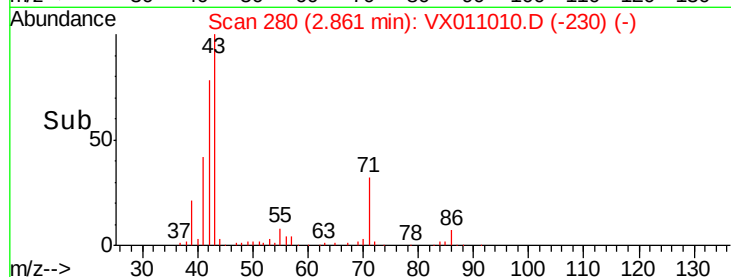
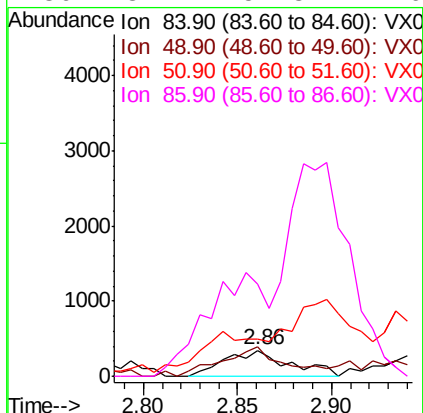
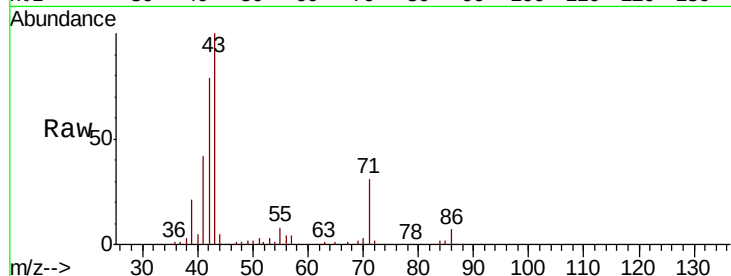




#20
Methylene Chloride
Concen: 0.342 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX011010.D
Acq: 19 Jul 2019 18:11

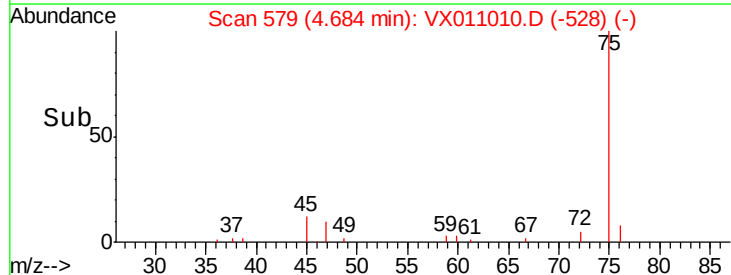
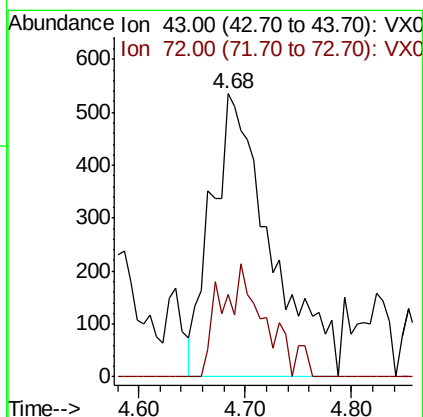
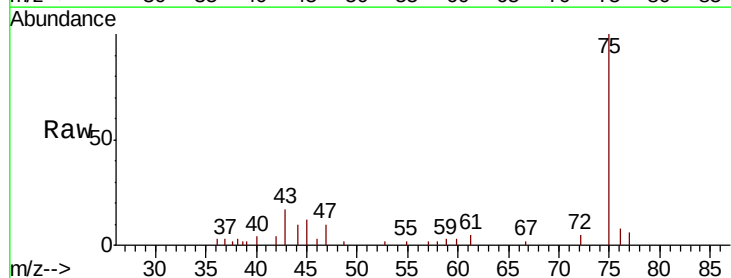
Instrument :
MSVOA_X
ClientSampleId :
FL-0630DL

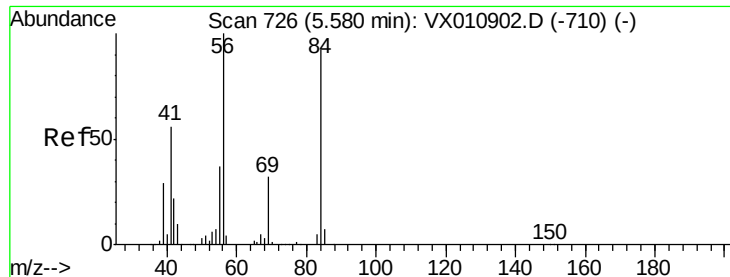
Tot Ion:	84	Resp:	820
Ion	Ratio	Lower	Upper
84	100		
49	91.0	89.9	134.9
51	86.0	27.8	41.6#
86	231.4	51.8	77.6#



#25
2-Butanone
Concen: 1.272 ug/l
RT: 4.68 min Scan# 579
Delta R.T. 0.01 min
Lab File: VX011010.D
Acq: 19 Jul 2019 18:11

Tgt Ion:	43	Resp:	2067
Ion	Ratio	Lower	Upper
43	100		
72	29.0	23.0	34.6





#31

Cyclohexane

Concen: 49.799 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX011010.D

Acq: 19 Jul 2019 18:11

Instrument :

MSVOA_X

ClientSampleId :

FL-0630DL

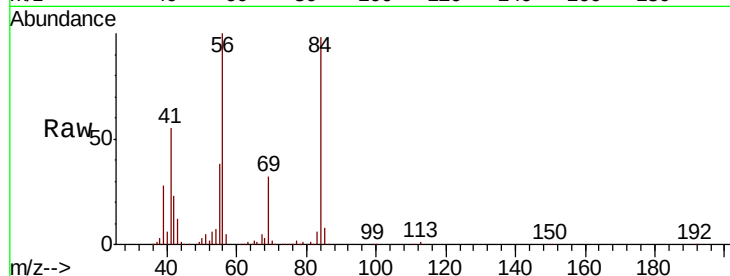
Tot Ion: 56 Resp: 169512

Ion Ratio Lower Upper

56 100

69 31.4 25.8 38.8

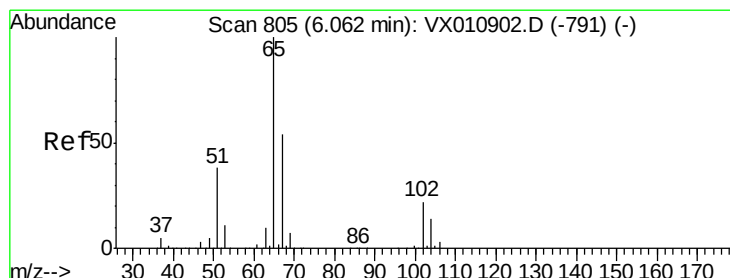
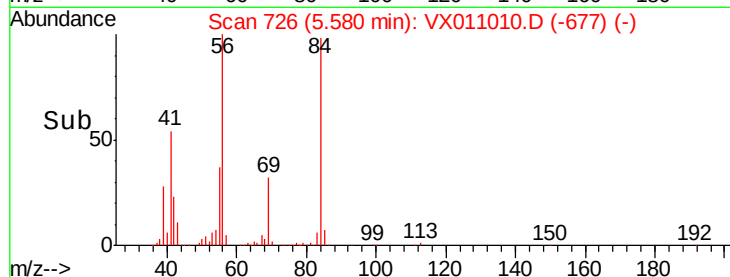
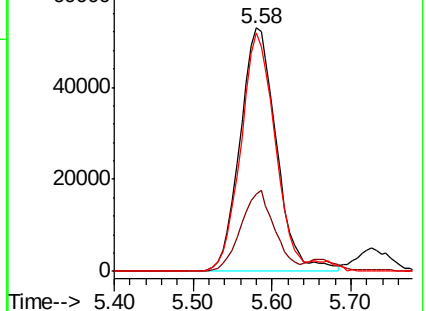
84 98.0 73.8 110.6



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: 51.256 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX011010.D

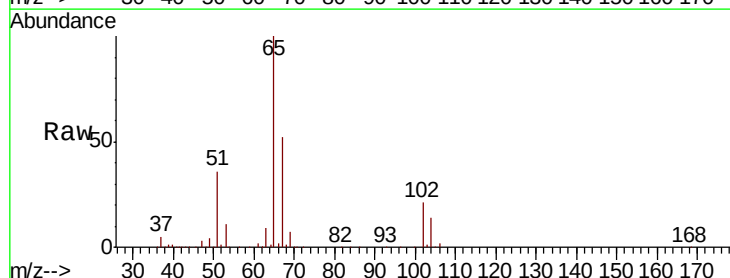
Acq: 19 Jul 2019 18:11

Tgt Ion: 65 Resp: 128499

Ion Ratio Lower Upper

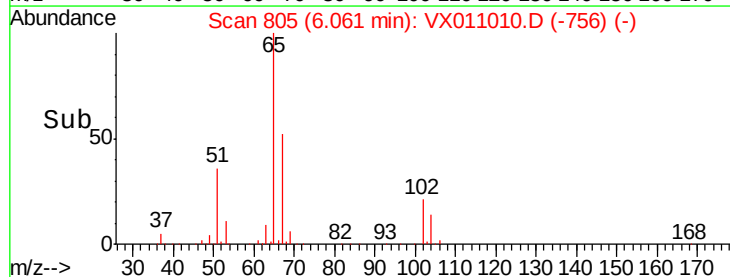
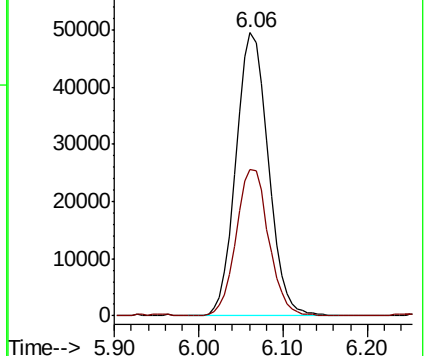
65 100

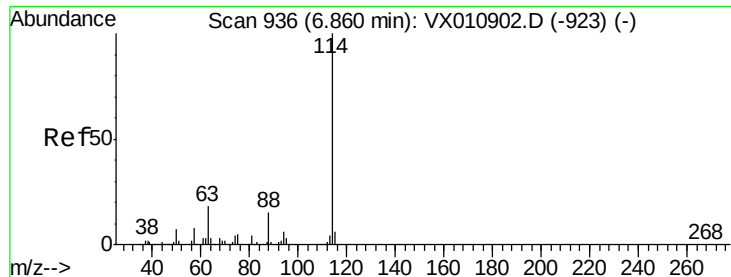
67 52.2 0.0 107.8



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: VX011010.D

Acq: 19 Jul 2019 18:11

Instrument :

MSVOA_X

ClientSampleId :

FL-0630DL

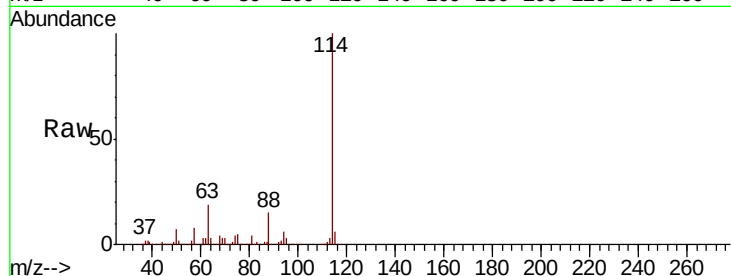
Tot Ion:114 Resp: 367904

Ion Ratio Lower Upper

114 100

63 18.5 0.0 35.6

88 15.2 0.0 29.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

200000

150000

100000

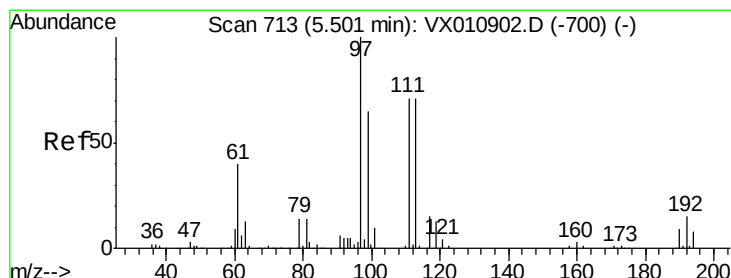
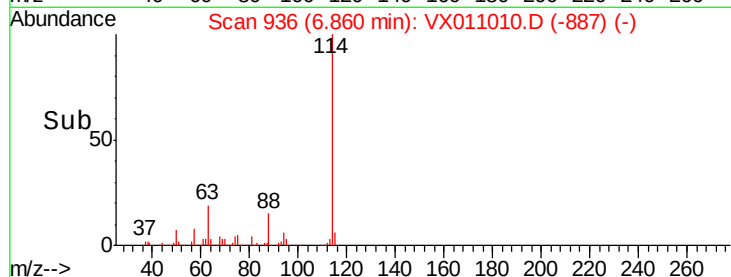
50000

0

6.86

6.80 6.90 7.00

Time-->



#35

Dibromofluoromethane

Concen: 49.216 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX011010.D

Acq: 19 Jul 2019 18:11

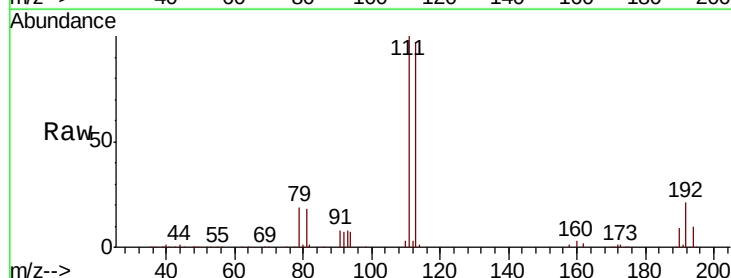
Tgt Ion:113 Resp: 114928

Ion Ratio Lower Upper

113 100

111 102.0 82.3 123.5

192 21.6 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

50000

40000

30000

20000

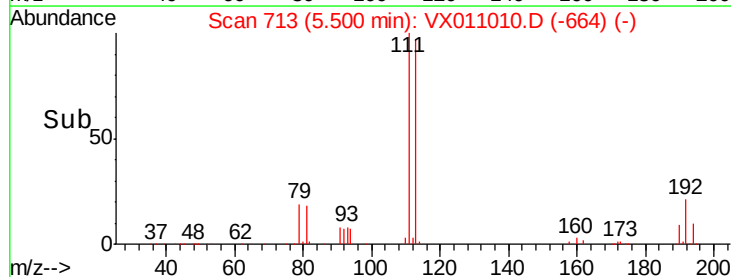
10000

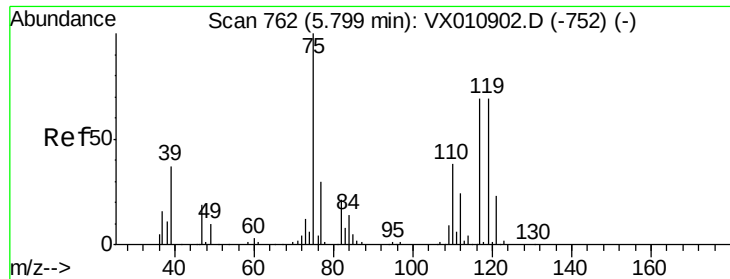
0

5.50

5.40 5.50 5.60

Time-->

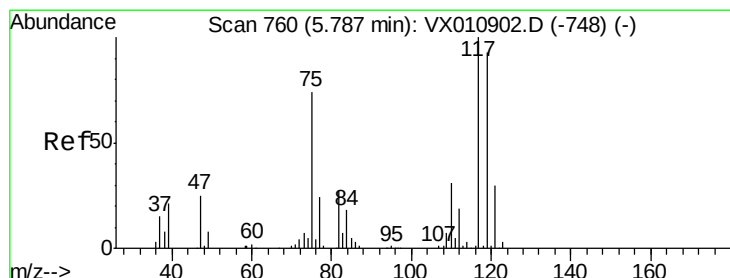
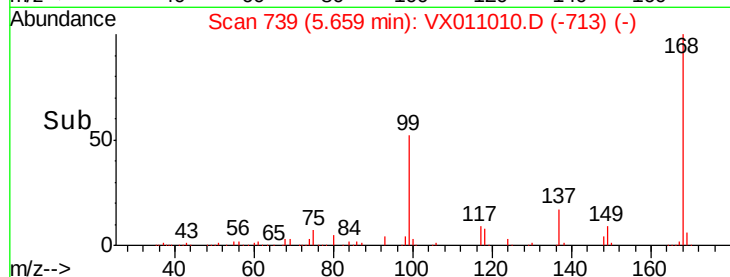
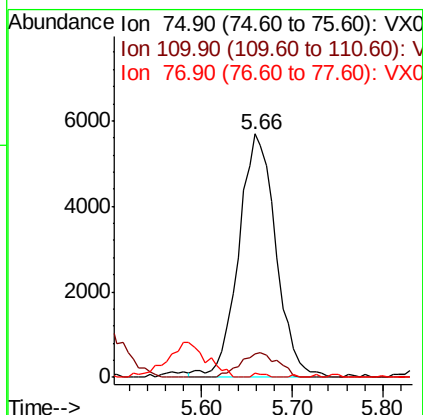
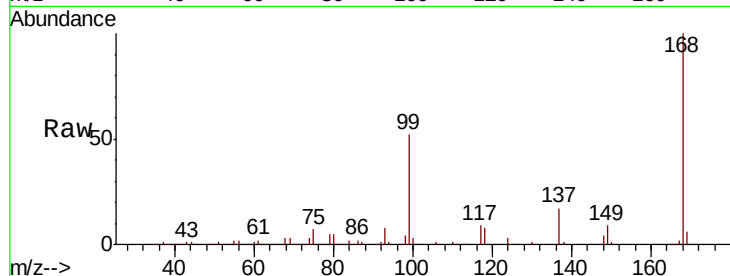




#36
 1,1-Dichloropropene
 Concen: 5.359 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX011010.D
 Acq: 19 Jul 2019 18:11

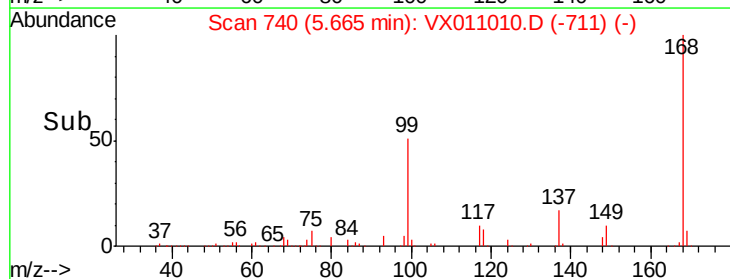
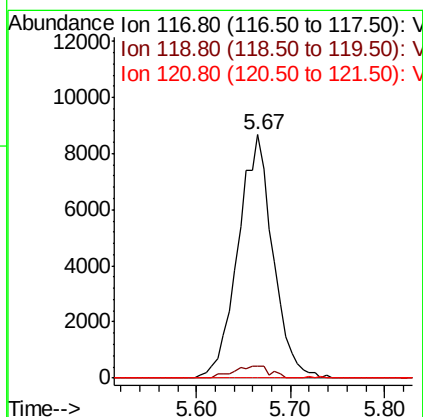
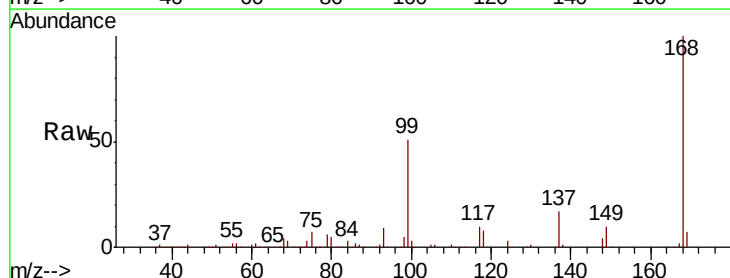
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0630DL

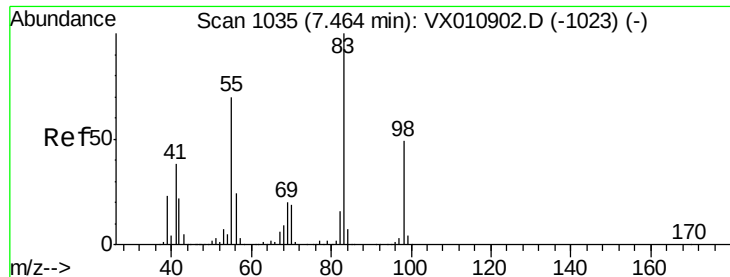
Tot Ion	75	Resp	16196
Ion Ratio	Lower	Upper	
75	100		
110	10.2	19.9	59.7#
77	0.5	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 7.118 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.12 min
 Lab File: VX011010.D
 Acq: 19 Jul 2019 18:11

Tgt Ion	117	Resp	22415
Ion Ratio	Lower	Upper	
117	100		
119	4.7	74.2	111.2#
121	0.0	24.2	36.2#

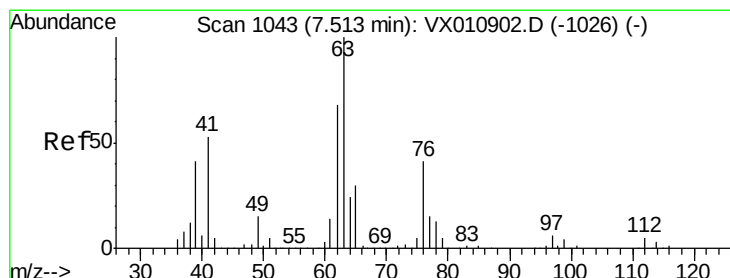
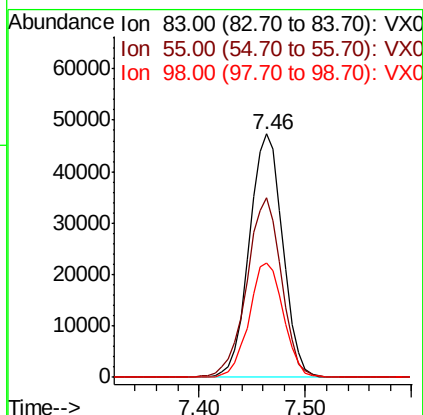
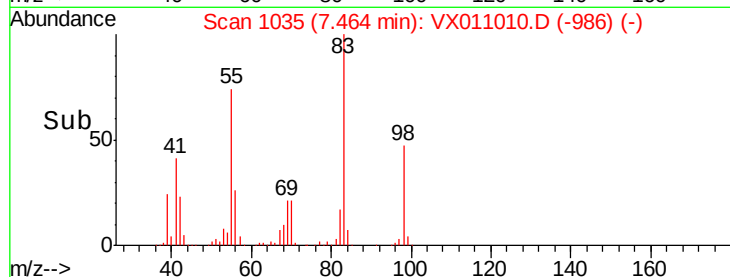
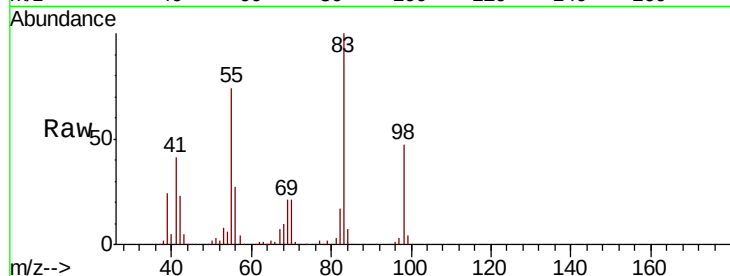




#39
Methylvlcyclohexane
Concen: 26.620 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX011010.D
Acq: 19 Jul 2019 18:11

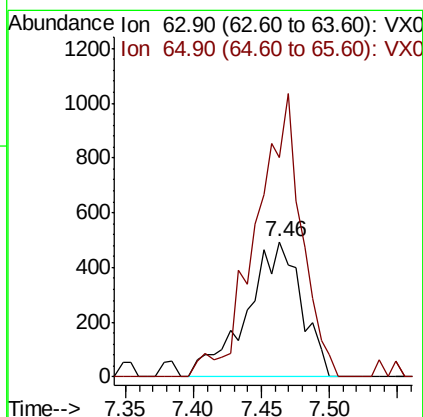
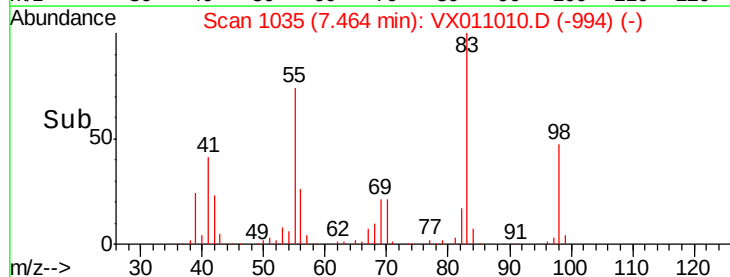
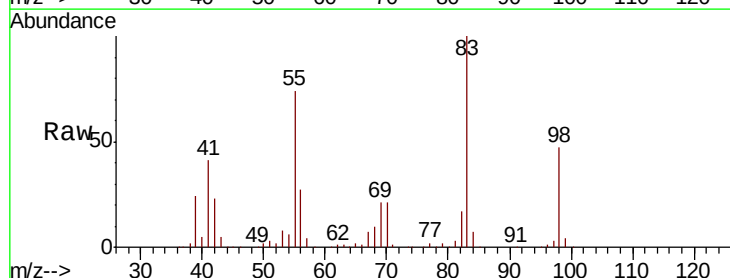
Instrument :
MSVOA_X
ClientSampleId :
FL-0630DL

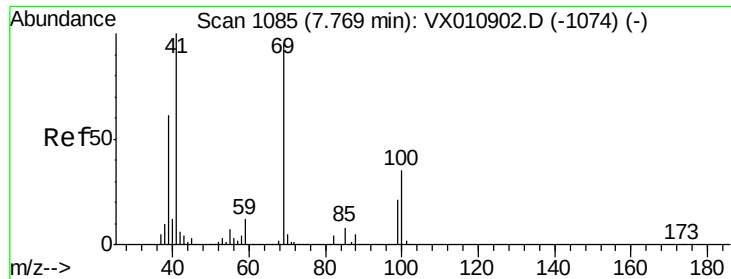
Tot Ion: 83 Resp: 104321
Ion Ratio Lower Upper
83 100
55 73.7 56.2 84.4
98 47.2 39.0 58.4



#45
1,2-Dichloropropane
Concen: 0.584 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.05 min
Lab File: VX011010.D
Acq: 19 Jul 2019 18:11

Tgt Ion: 63 Resp: 1375
Ion Ratio Lower Upper
63 100
65 162.1 24.4 36.6#





#48

Methvl methacrylate

Concen: 2.628 ug/l

RT: 7.73 min Scan# 1079

Delta R.T. -0.04 min

Lab File: VX011010.D

Acq: 19 Jul 2019 18:11

Instrument :

MSVOA_X

ClientSampled :

FL-0630DL

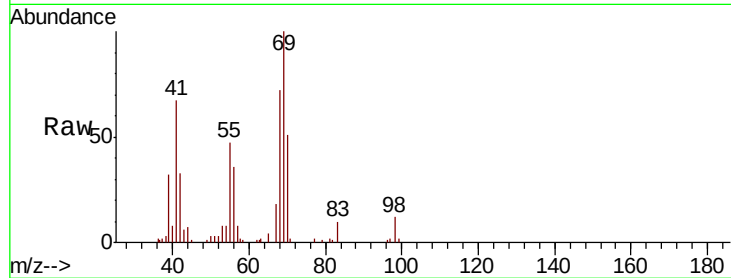
Tot Ion: 41 Resp: 6513

Ion Ratio Lower Upper

41 100

69 162.2 74.4 111.6#

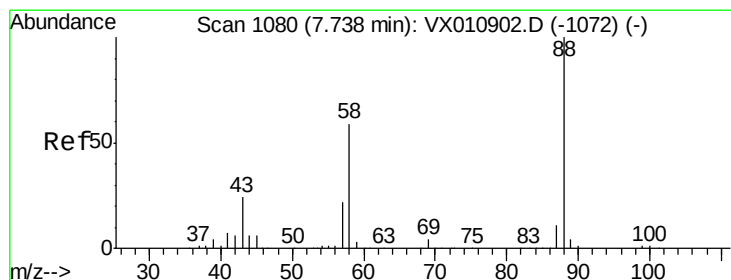
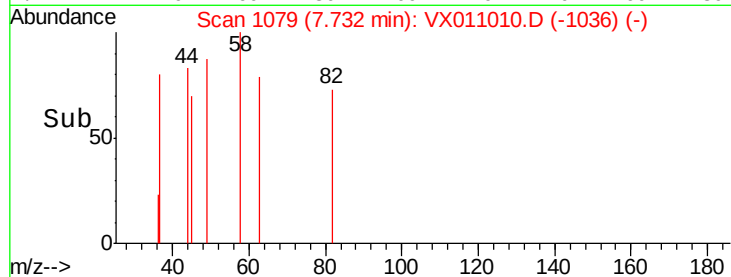
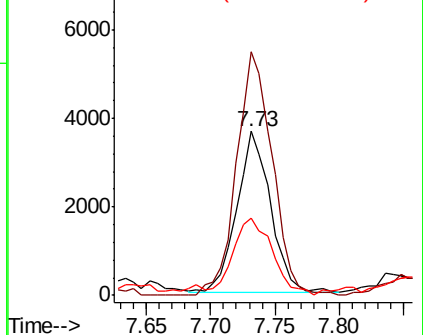
39 56.9 48.9 73.3



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: 0.649 ug/l

RT: 7.82 min Scan# 1093

Delta R.T. 0.08 min

Lab File: VX011010.D

Acq: 19 Jul 2019 18:11

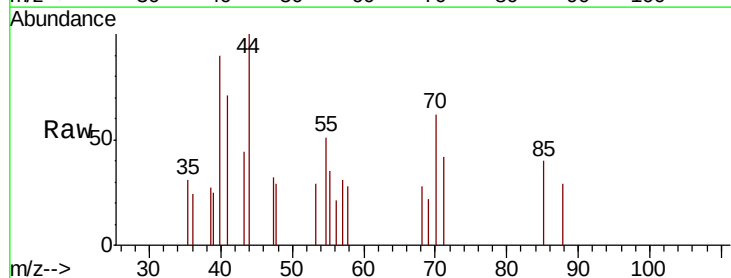
Tgt Ion: 88 Resp: 45

Ion Ratio Lower Upper

88 100

43 2291.1 22.9 34.3#

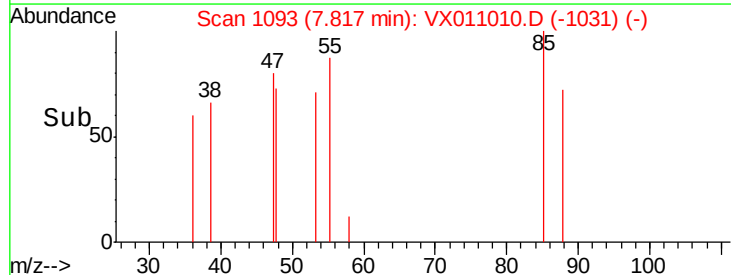
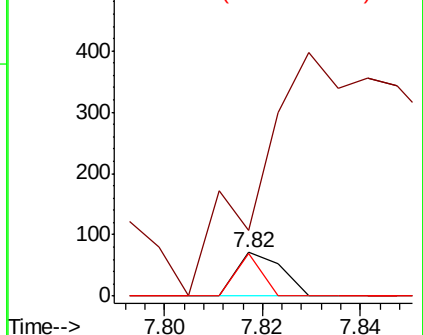
58 55.6 49.8 74.8

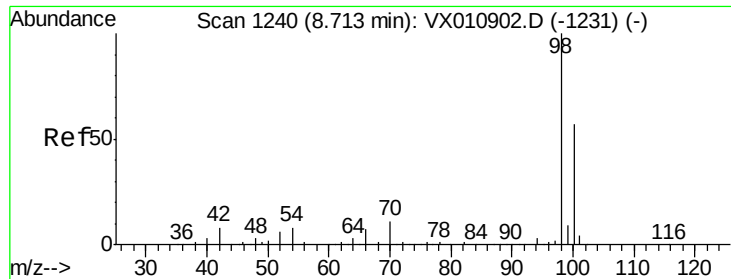


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

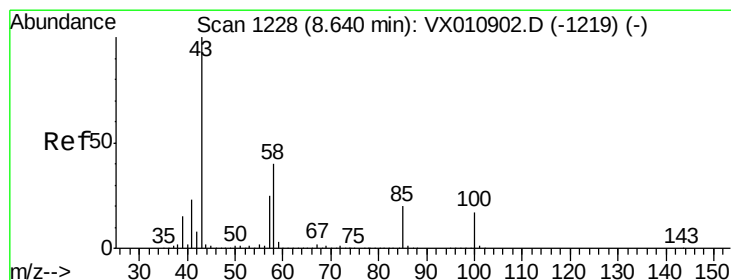
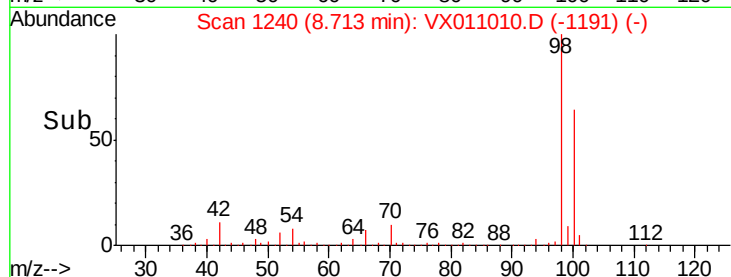
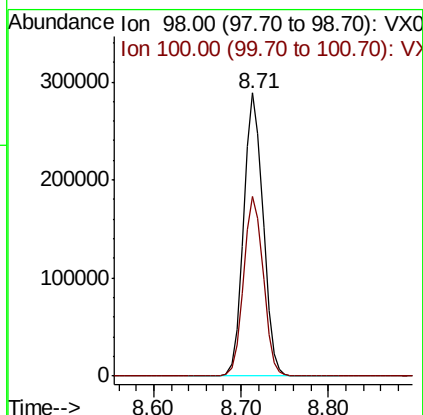
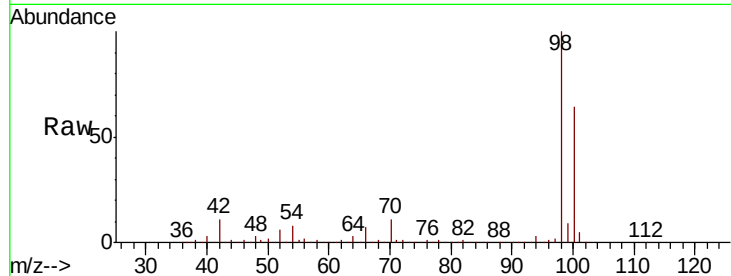




#50
Toluene-d8
Concen: 51.052 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011010.D
Acq: 19 Jul 2019 18:11

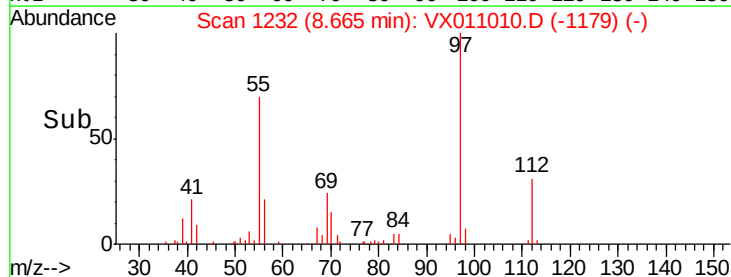
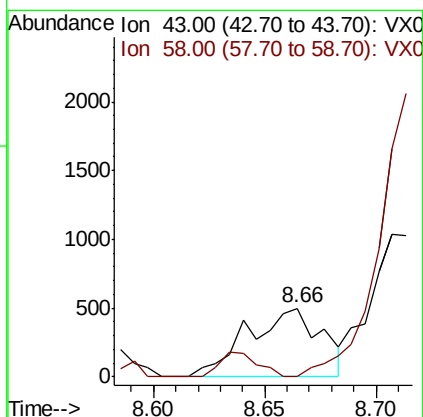
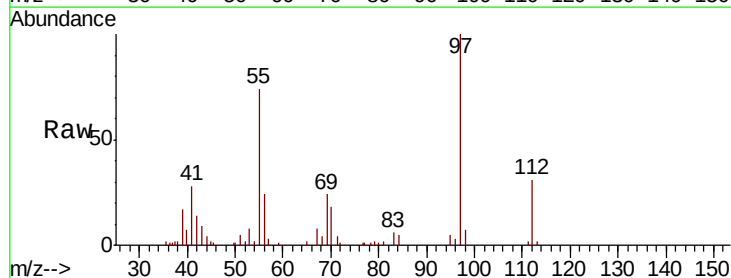
Instrument :
MSVOA_X
ClientSampled :
FL-0630DL

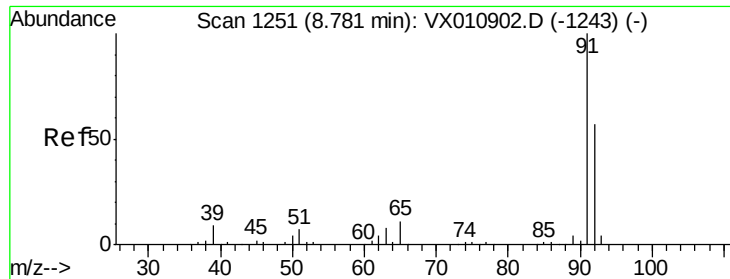
Tot Ion: 98 Resp: 447128
Ion Ratio Lower Upper
98 100
100 64.0 50.6 75.8



#51
4-Methyl-2-Pentanone
Concen: 0.349 ug/l
RT: 8.66 min Scan# 1232
Delta R.T. 0.02 min
Lab File: VX011010.D
Acq: 19 Jul 2019 18:11

Tgt Ion: 43 Resp: 1151
Ion Ratio Lower Upper
43 100
58 0.0 32.2 48.4#





#52

Toluene

Concen: 0.481 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX011010.D

Acq: 19 Jul 2019 18:11

Instrument :

MSVOA_X

ClientSampleId :

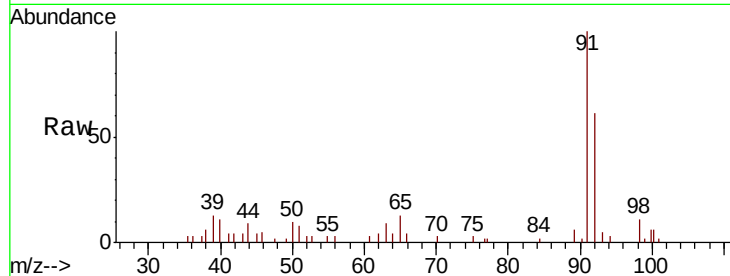
FL-0630DL

Tot Ion: 92 Resp: 2928

Ion Ratio Lower Upper

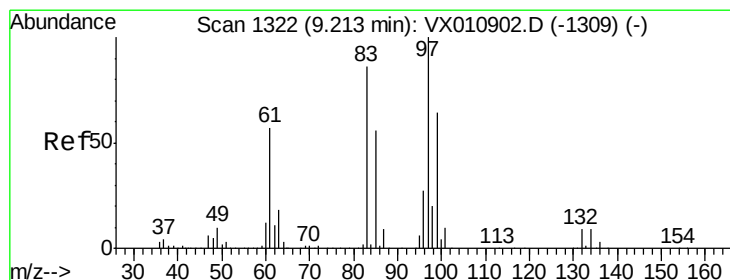
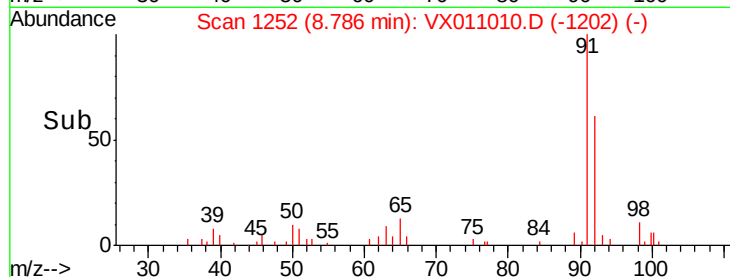
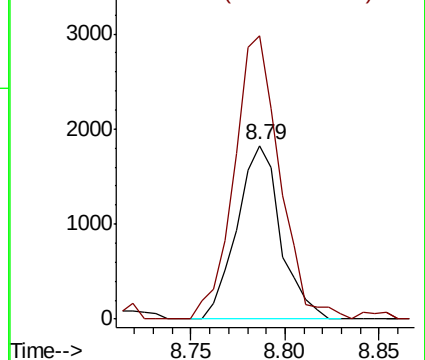
92 100

91 170.9 139.4 209.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#55

1,1,2-Trichloroethane

Concen: 1.834 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX011010.D

Acq: 19 Jul 2019 18:11

Tgt Ion: 97 Resp: 4591

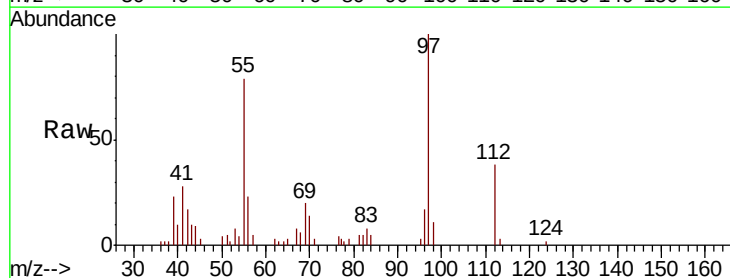
Ion Ratio Lower Upper

97 100

83 7.7 69.2 103.8#

85 0.0 44.6 66.8#

99 0.0 51.2 76.8#

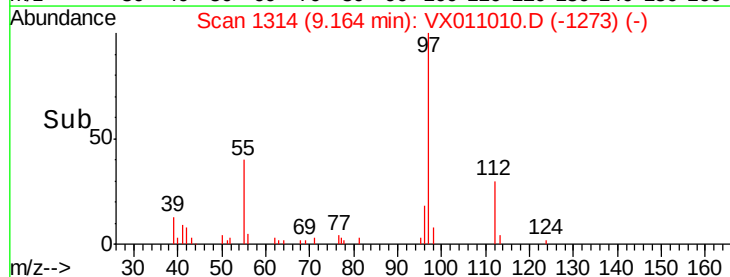
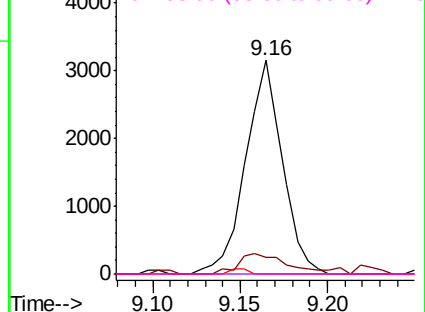


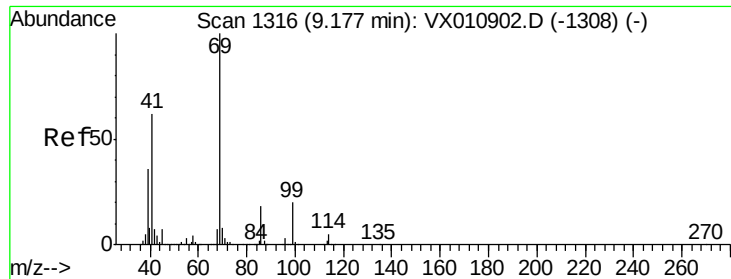
Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0





#56

Ethyl methacrylate

Concen: 0.298 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.01 min

Lab File: VX011010.D

Acq: 19 Jul 2019 18:11

Instrument :

MSVOA_X

ClientSampled :

FL-0630DL

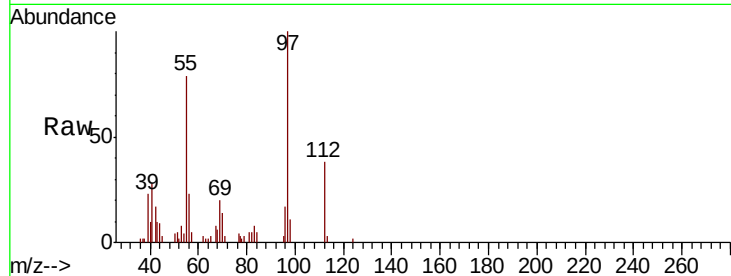
Tot Ion: 69.00 Resp: 1090

Ion Ratio Lower Upper

69 100

41 184.9 49.7 74.5#

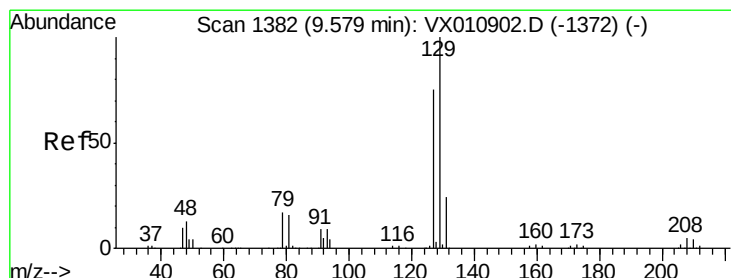
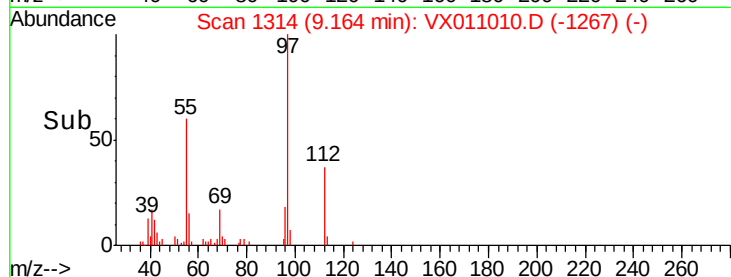
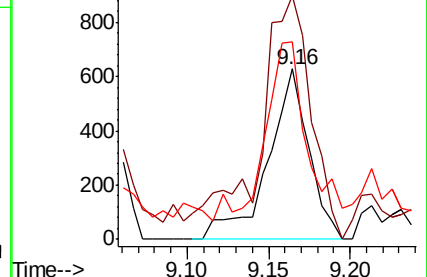
39 89.2 29.6 44.4#



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: 2.552 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.24 min

Lab File: VX011010.D

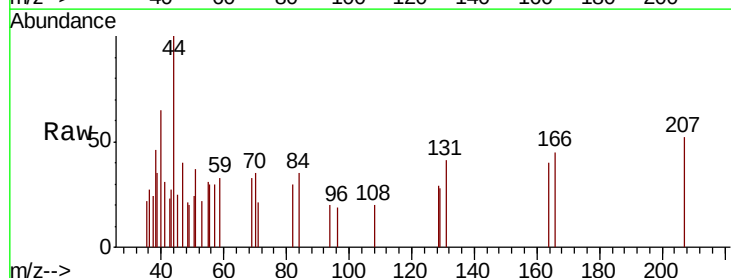
Acq: 19 Jul 2019 18:11

Tgt Ion: 129 Resp: 74

Ion Ratio Lower Upper

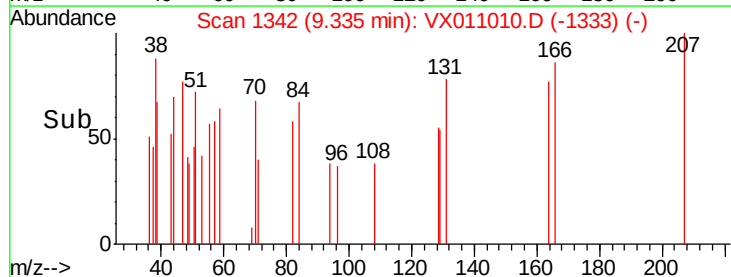
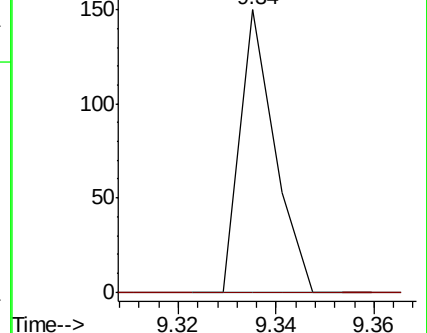
129 100

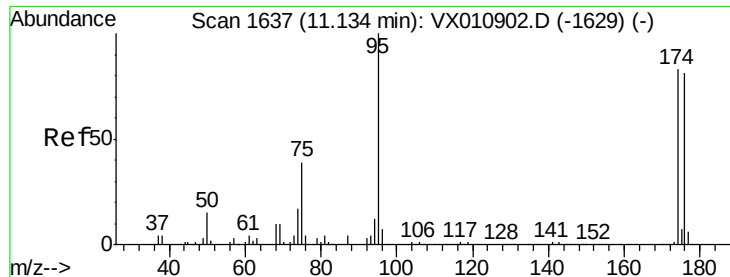
127 0.0 38.6 115.8#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V





#62

4-Bromofluorobenzene

Concen: 51.351 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011010.D

Acq: 19 Jul 2019 18:11

Instrument :

MSVOA_X

ClientSampleId :

FL-0630DL

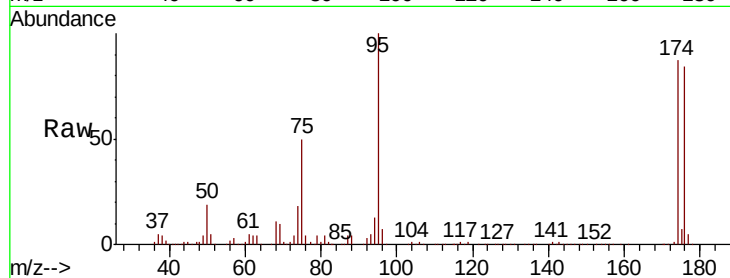
Tot Ion: 95 Resp: 165314

Ion Ratio Lower Upper

95 100

174 89.7 0.0 180.6

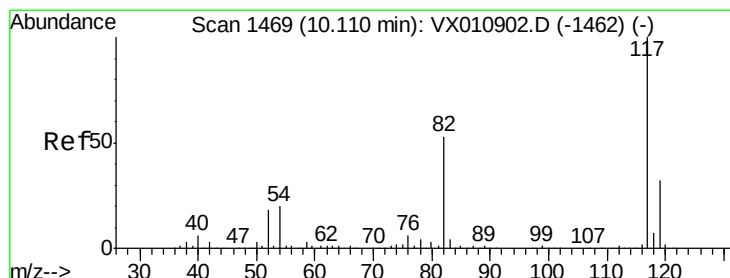
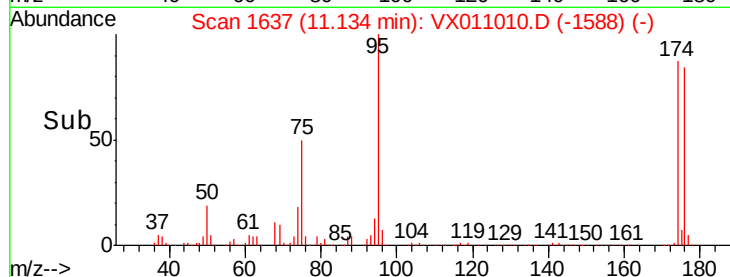
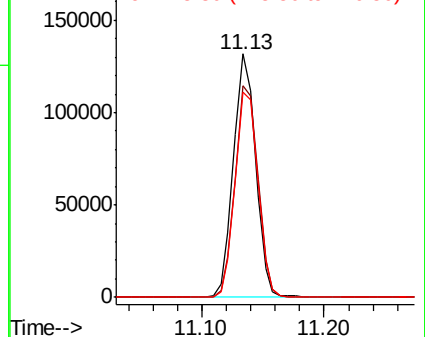
176 87.1 0.0 173.8



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: VX011010.D

Acq: 19 Jul 2019 18:11

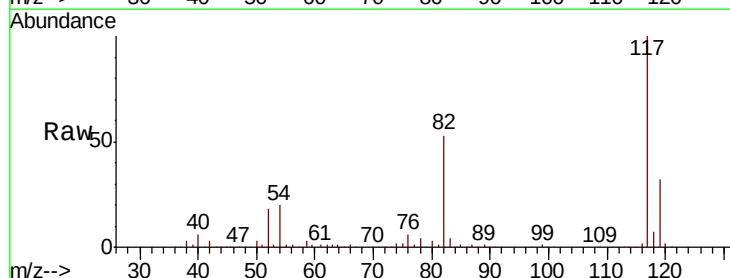
Tgt Ion: 117 Resp: 348559

Ion Ratio Lower Upper

117 100

82 52.8 42.6 63.8

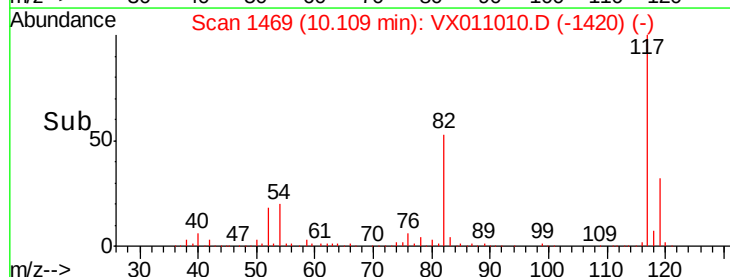
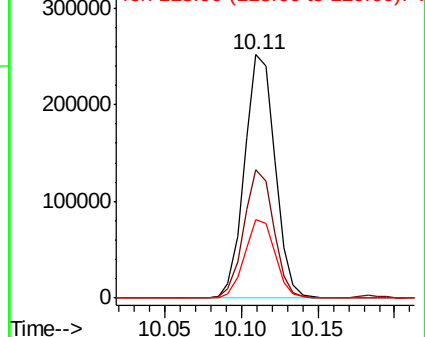
119 32.2 25.9 38.9

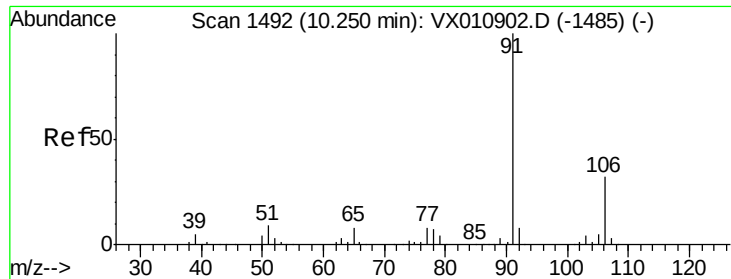


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

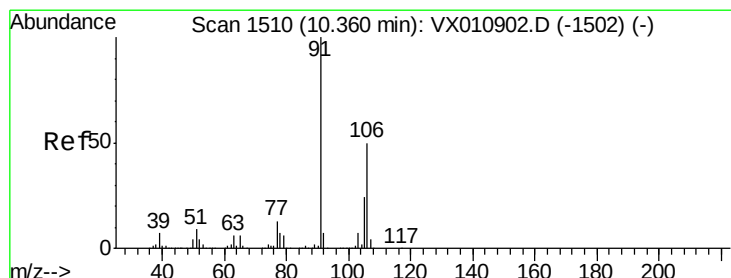
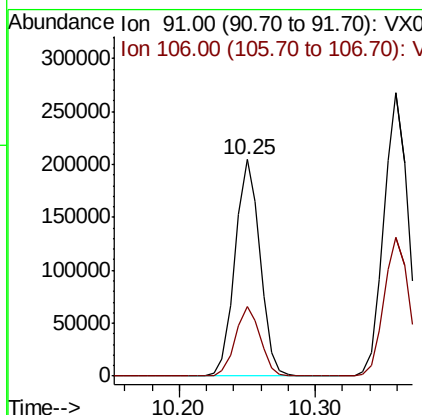
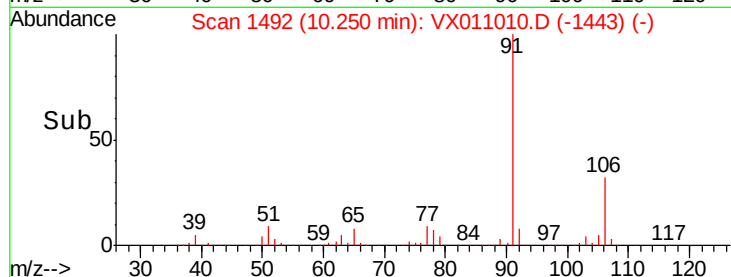
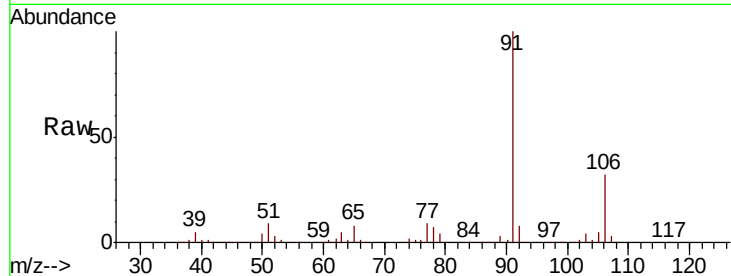




#67
Ethyl Benzene
Concen: 21.497 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX011010.D
Acq: 19 Jul 2019 18:11

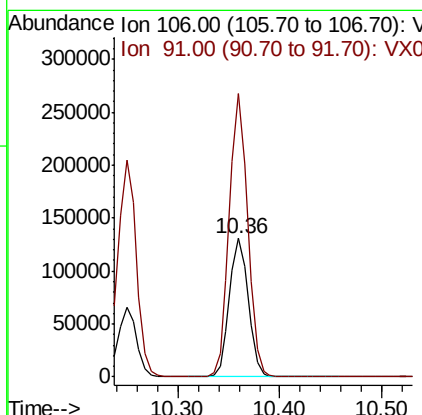
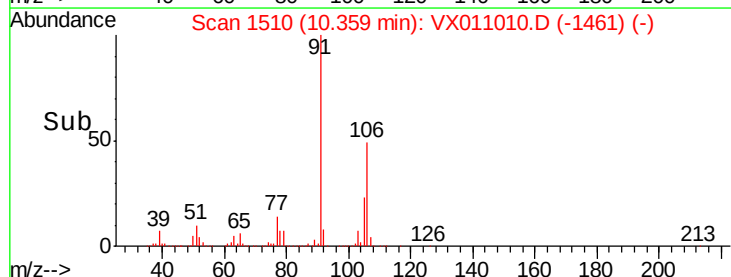
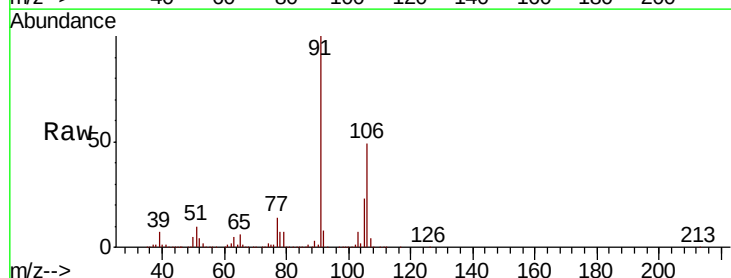
Instrument :
MSVOA_X
ClientSampled :
FL-0630DL

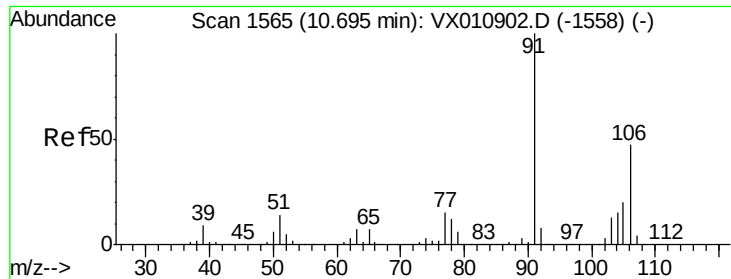
Tot Ion: 91 Resp: 261955
Ion Ratio Lower Upper
91 100
106 32.4 25.4 38.2



#68
m/p-Xylenes
Concen: 35.915 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX011010.D
Acq: 19 Jul 2019 18:11

Tgt Ion: 106 Resp: 167878
Ion Ratio Lower Upper
106 100
91 199.1 160.1 240.1

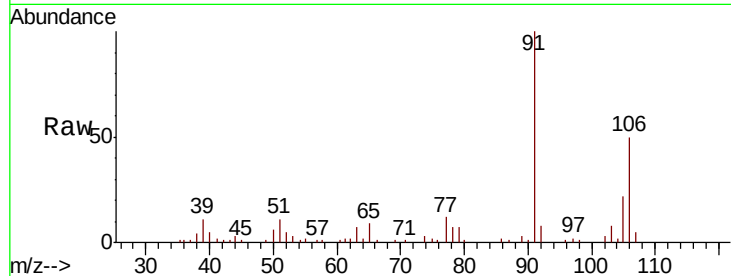




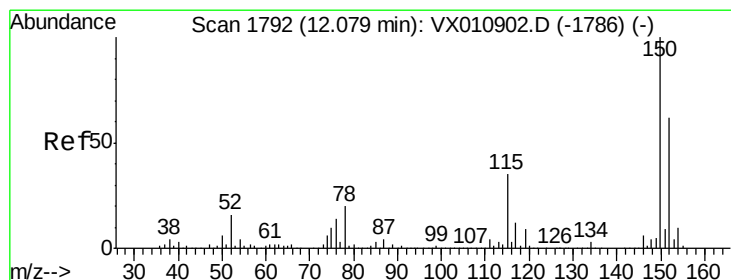
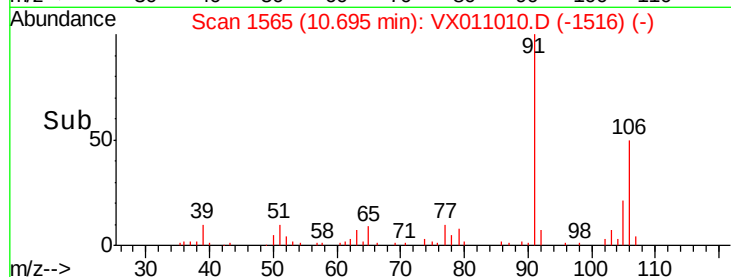
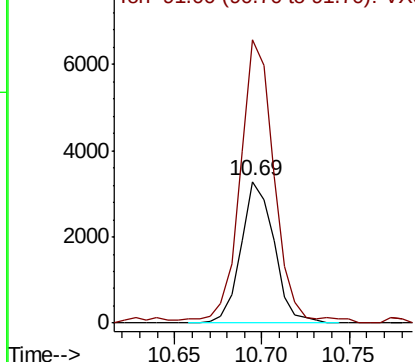
#69
o-Xylene
Concen: 0.947 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX011010.D
Acq: 19 Jul 2019 18:11

Instrument :
MSVOA_X
ClientSampled :
FL-0630DL

Tot Ion:106 Resp: 4321
Ion Ratio Lower Upper
106 100
91 207.3 105.1 315.3

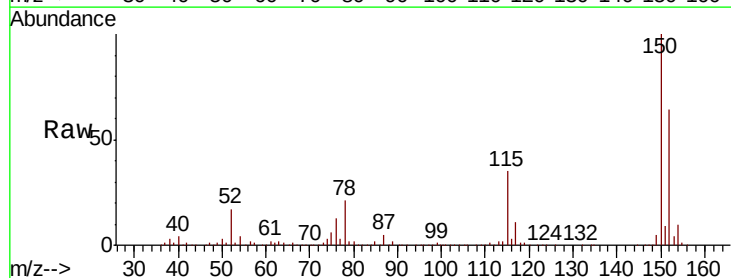


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

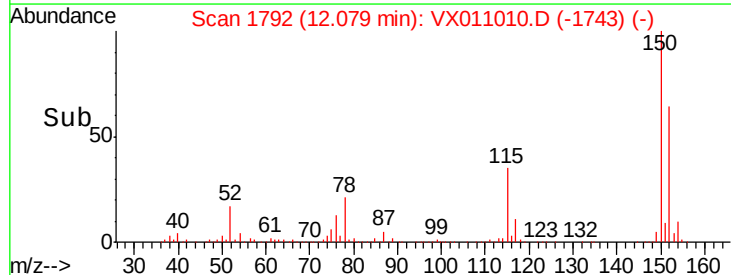
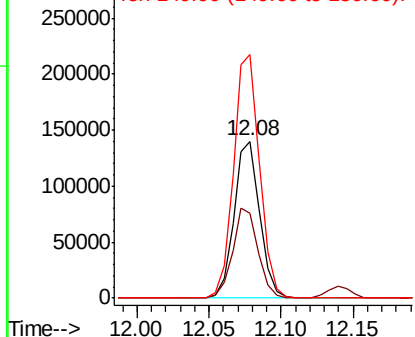


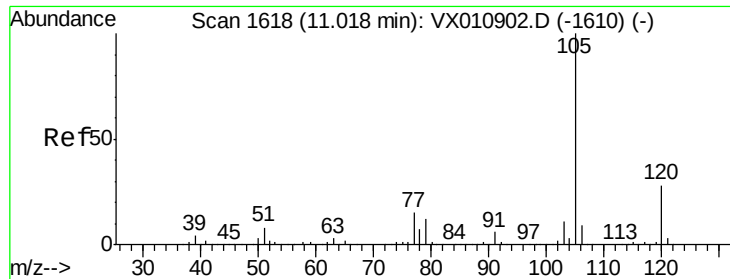
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX011010.D
Acq: 19 Jul 2019 18:11

Tgt Ion:152 Resp: 173011
Ion Ratio Lower Upper
152 100
115 56.9 39.7 119.1
150 158.0 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: 2.636 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX011010.D

Acq: 19 Jul 2019 18:11

Instrument :

MSVOA_X

ClientSampled :

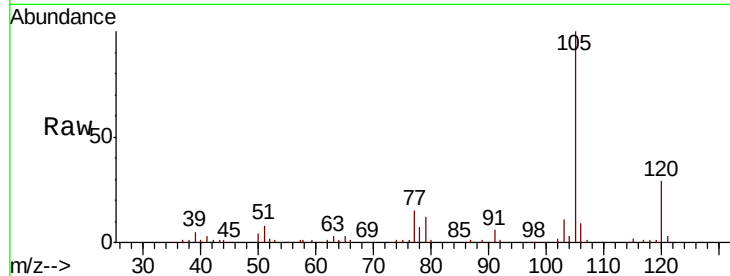
FL-0630DL

Tot Ion:105 Resp: 30817

Ion Ratio Lower Upper

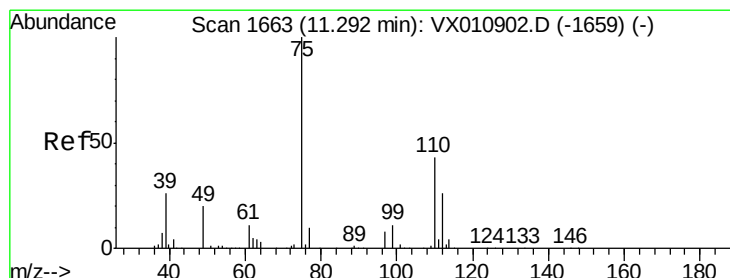
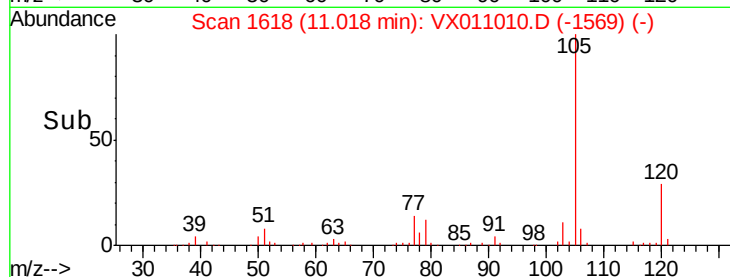
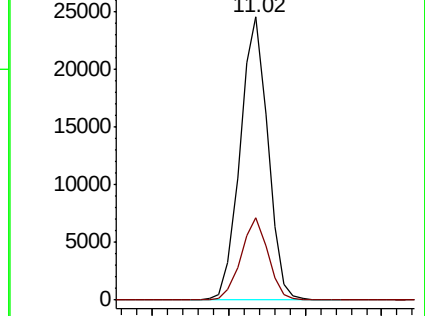
105 100

120 28.4 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

1,2,3-Trichloropropane

Concen: 26.567 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX011010.D

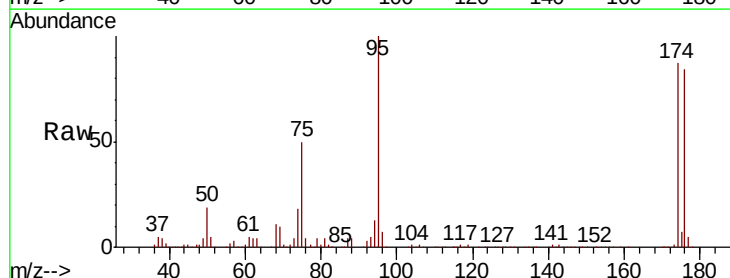
Acq: 19 Jul 2019 18:11

Tgt Ion: 75 Resp: 82943

Ion Ratio Lower Upper

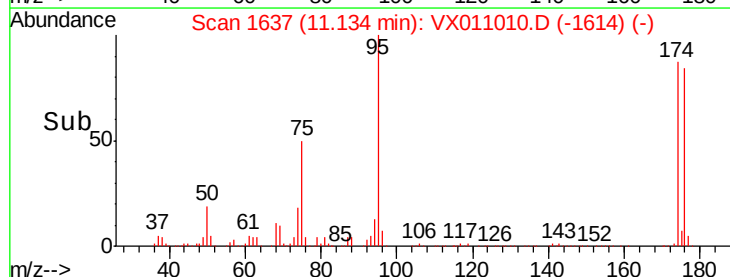
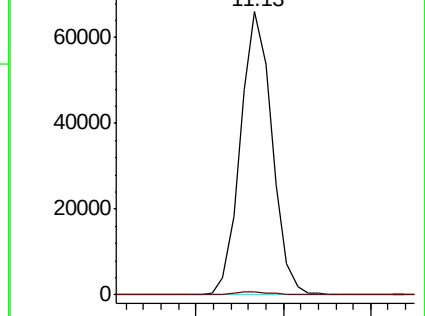
75 100

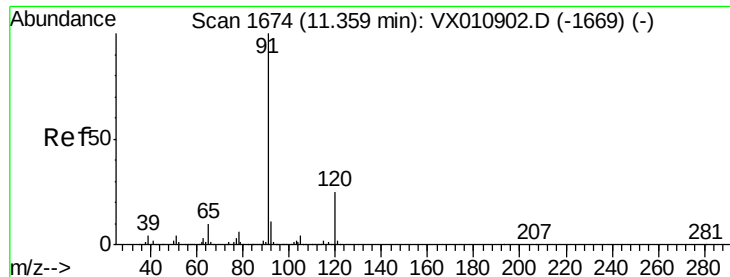
77 1.4 21.3 64.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 3.108 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX011010.D

Acq: 19 Jul 2019 18:11

Instrument :

MSVOA_X

ClientSampleId :

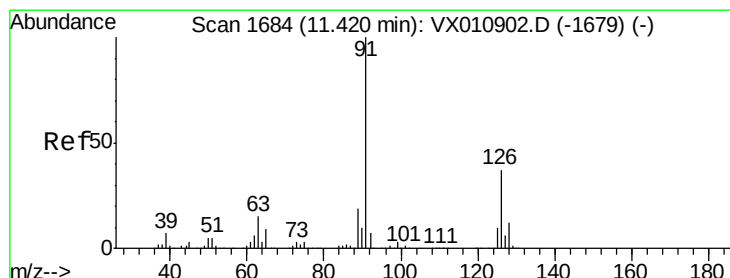
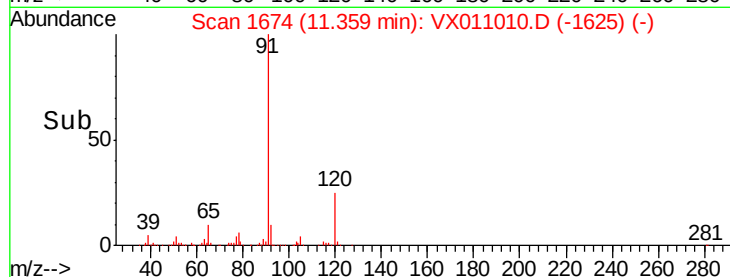
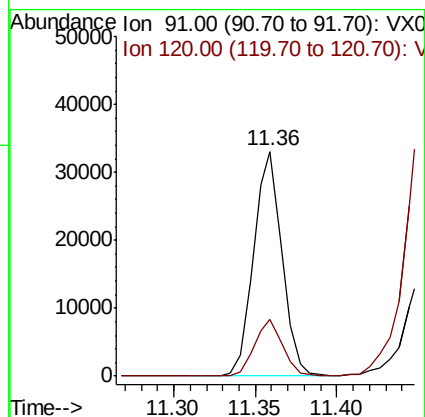
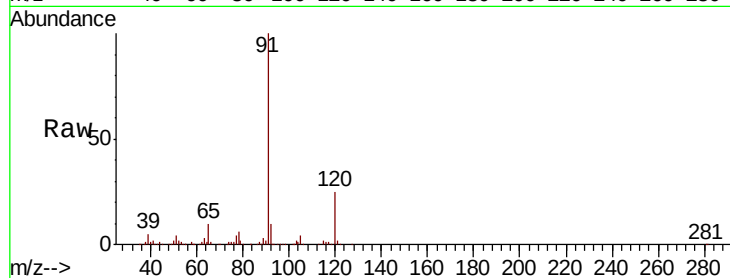
FL-0630DL

Tot Ion: 91 Resp: 40145

Ion Ratio Lower Upper

91 100

120 25.2 12.3 36.8



#79

2-Chlorotoluene

Concen: 2.722 ug/l

RT: 11.45 min Scan# 1689

Delta R.T. 0.03 min

Lab File: VX011010.D

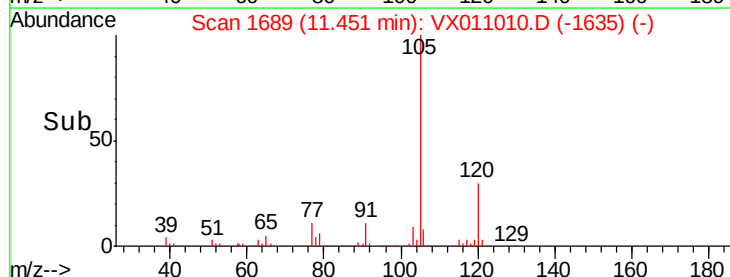
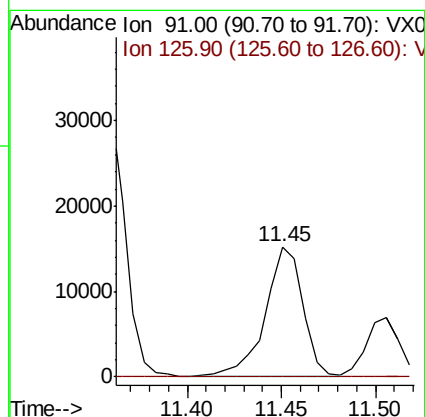
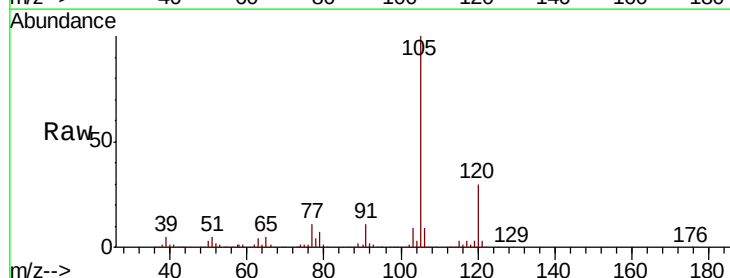
Acq: 19 Jul 2019 18:11

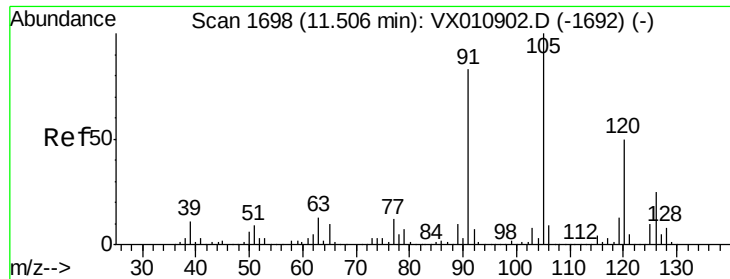
Tgt Ion: 91 Resp: 21123

Ion Ratio Lower Upper

91 100

126 0.1 18.0 54.0#

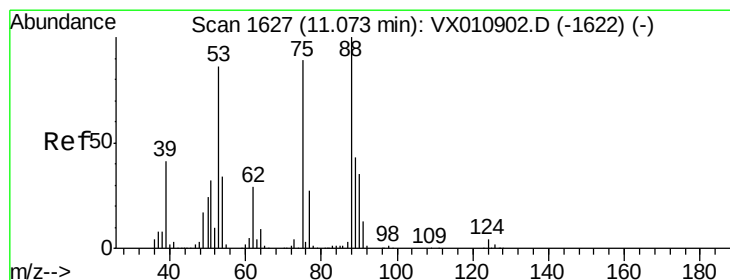
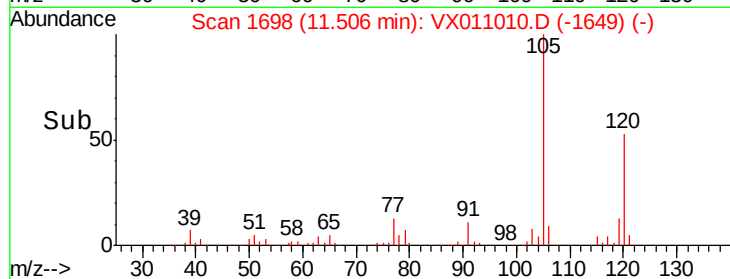
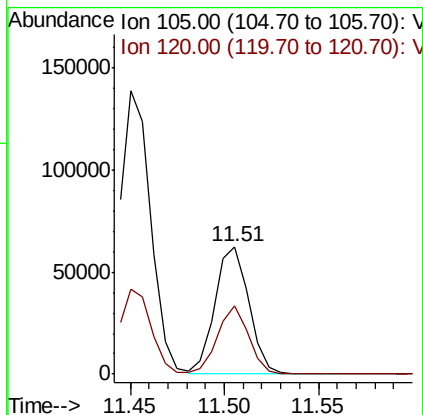
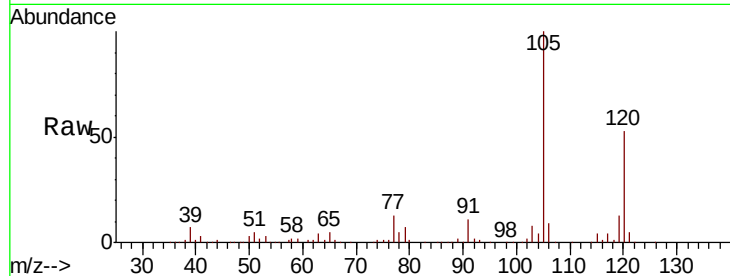




#80
 1,3,5-Trimethylbenzene
 Concen: 7.959 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX011010.D
 Acq: 19 Jul 2019 18:11

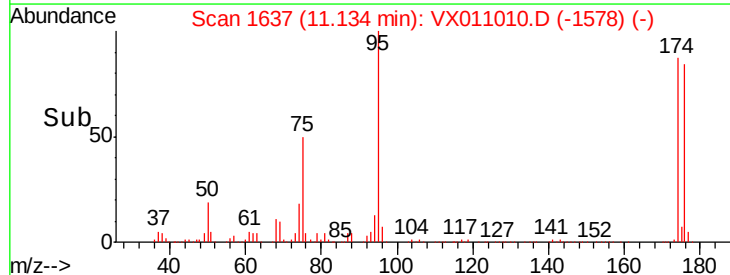
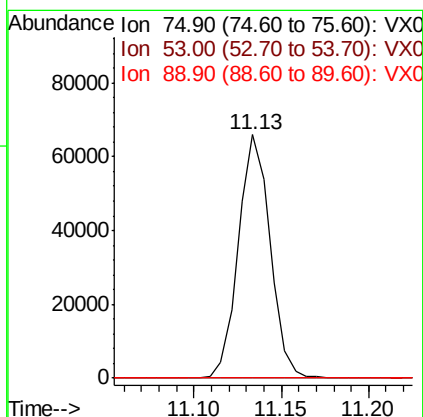
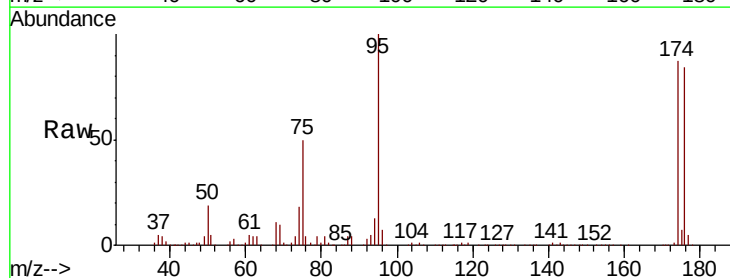
Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0630DL

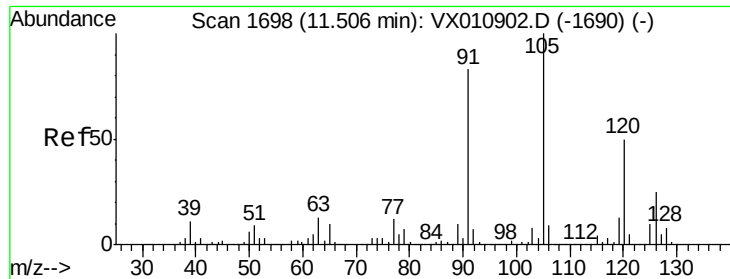
Tot Ion:105 Resp: 77746
 Ion Ratio Lower Upper
 105 100
 120 50.0 24.6 73.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.930 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX011010.D
 Acq: 19 Jul 2019 18:11

Tgt Ion: 75 Resp: 82943
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.7 115.1#
 89 0.0 38.5 57.7#





#82

4-Chlorotoluene

Concen: 0.975 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011010.D

Acq: 19 Jul 2019 18:11

Instrument :

MSVOA_X

ClientSampled :

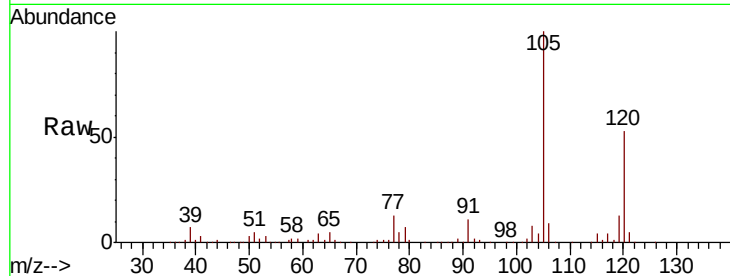
FL-0630DL

Tot Ion: 91 Resp: 8805

Ion Ratio Lower Upper

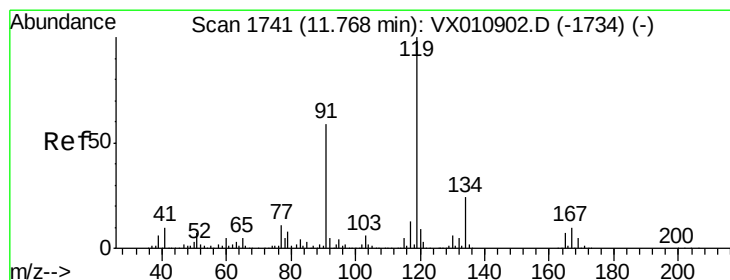
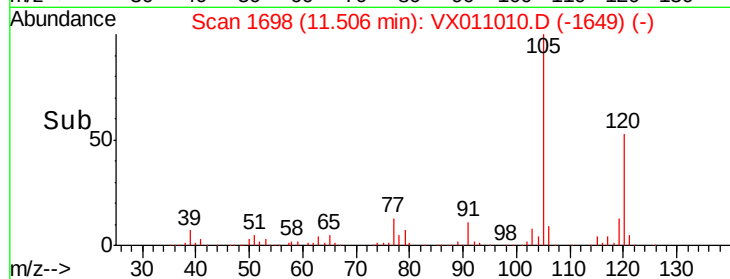
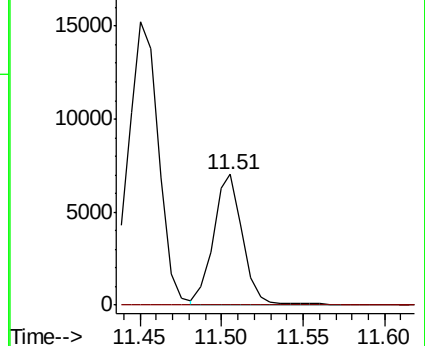
91 100

126 0.2 15.9 47.7#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#83

tert-Butylbenzene

Concen: 7.725 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.04 min

Lab File: VX011010.D

Acq: 19 Jul 2019 18:11

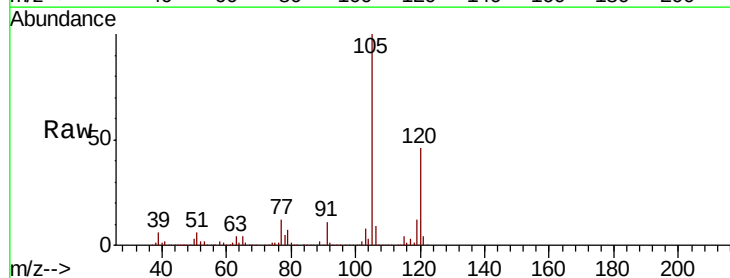
Tgt Ion: 119 Resp: 74121

Ion Ratio Lower Upper

119 100

91 87.3 28.6 85.8#

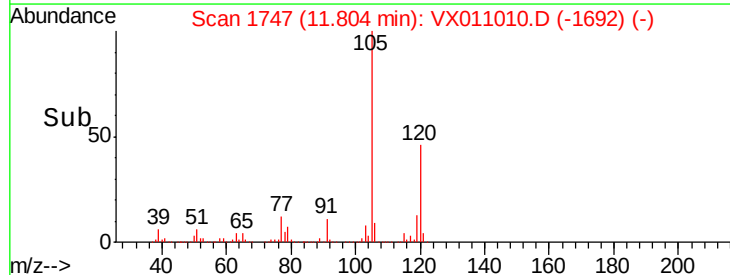
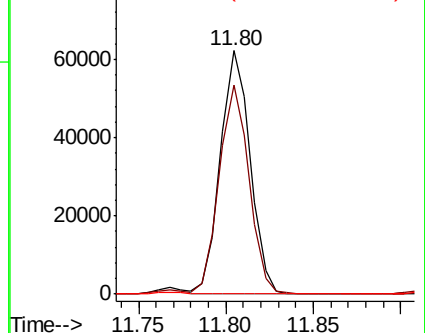
134 0.0 11.6 34.8#

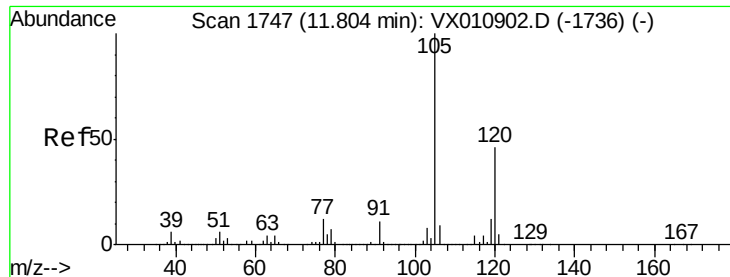


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V

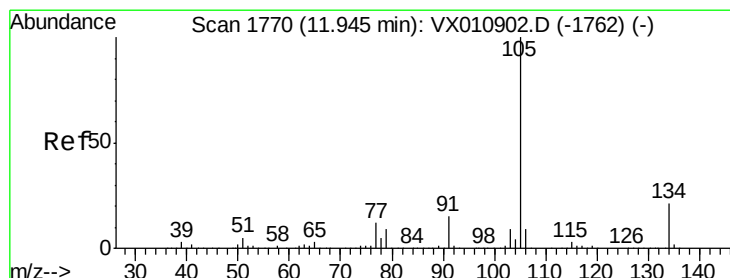
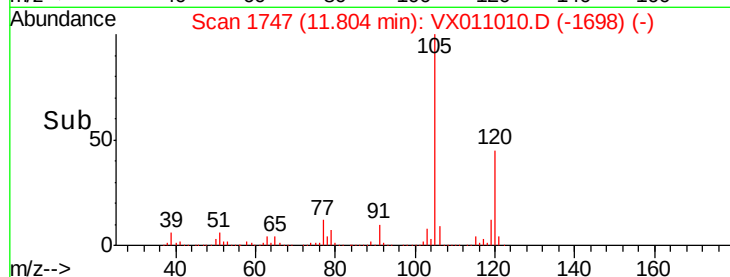
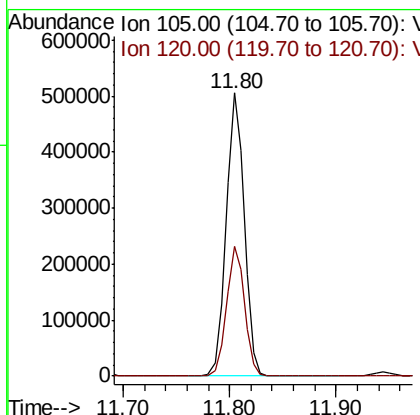
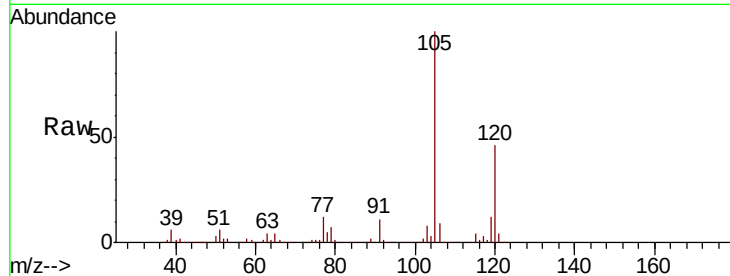




#84
 1,2,4-Trimethylbenzene
 Concen: 61.049 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX011010.D
 Acq: 19 Jul 2019 18:11

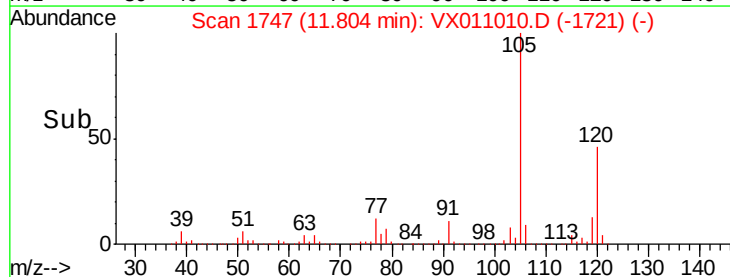
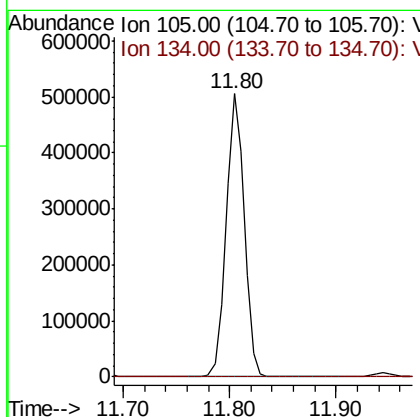
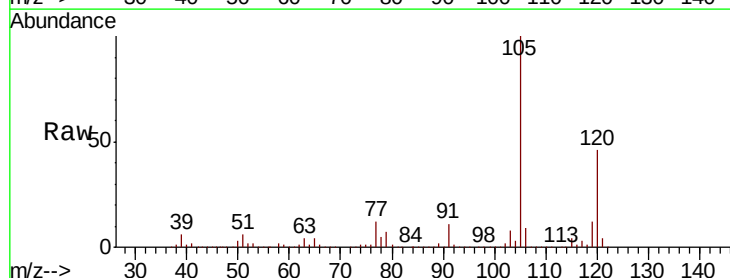
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0630DL

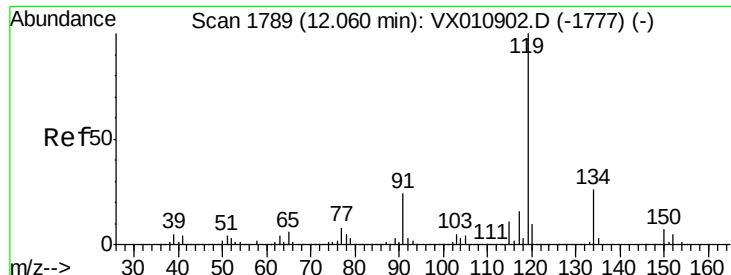
Tot Ion:105 Resp: 601061
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.9 68.5



#85
 sec-Butylbenzene
 Concen: 53.444 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.14 min
 Lab File: VX011010.D
 Acq: 19 Jul 2019 18:11

Tgt Ion:105 Resp: 600863
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.4#

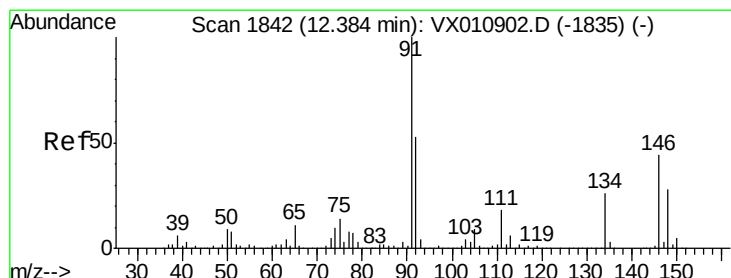
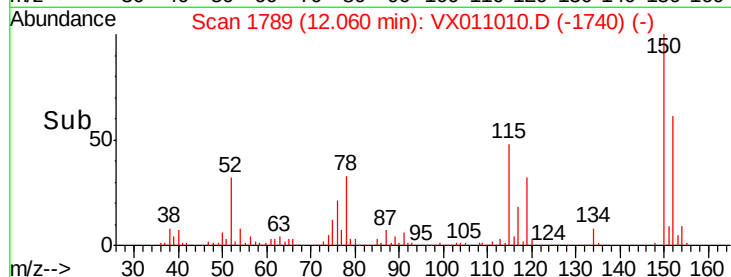
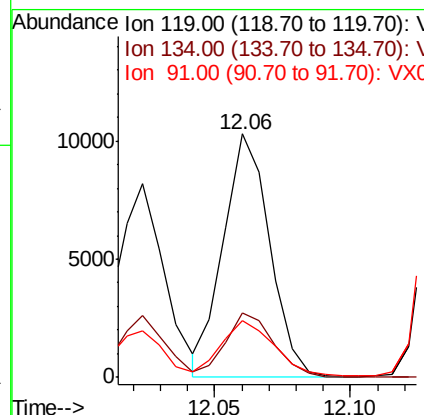
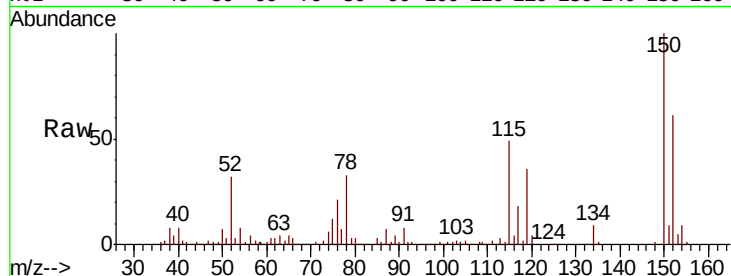




#86
p-Isopropyltoluene
Concen: 1.176 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX011010.D
Acq: 19 Jul 2019 18:11

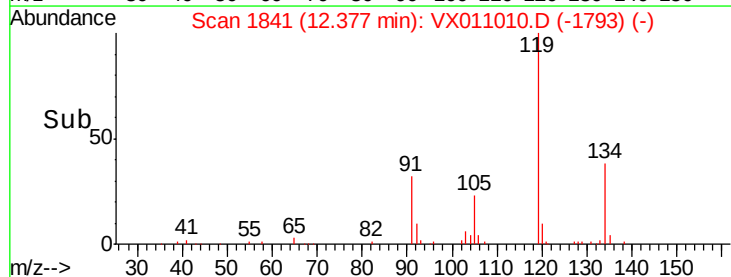
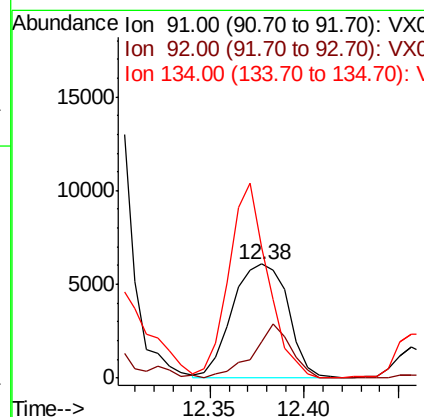
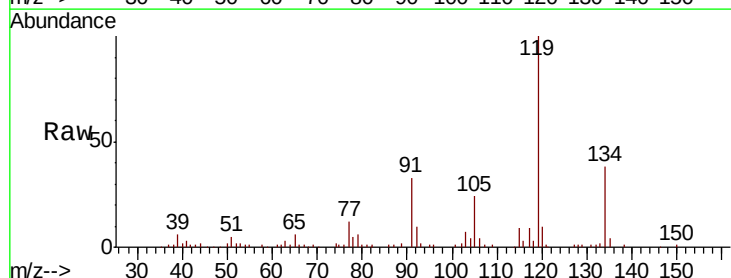
Instrument :
MSVOA_X
ClientSampled :
FL-0630DL

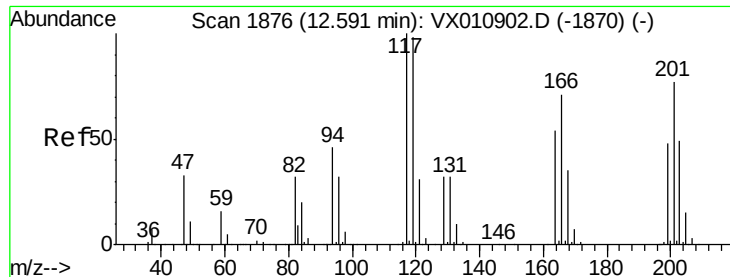
Tot Ion	Ratio	Lower	Upper
119	100		
134	27.8	13.4	40.1
91	26.4	11.8	35.4



#89
n-Butylbenzene
Concen: 1.403 ug/l
RT: 12.38 min Scan# 1841
Delta R.T. -0.01 min
Lab File: VX011010.D
Acq: 19 Jul 2019 18:11

Tgt Ion	Ratio	Lower	Upper
91	100		
92	32.0	26.2	78.5
134	119.8	13.8	41.3#





#90

Hexachloroethane

Concen: 2.470 ug/l

RT: 12.58 min Scan# 1875

Delta R.T. -0.01 min

Lab File: VX011010.D

Acq: 19 Jul 2019 18:11

Instrument :

MSVOA_X

ClientSampleId :

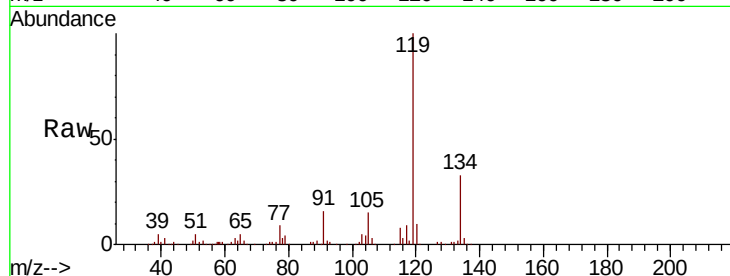
FL-0630DL

Tot Ion:117 Resp: 4050

Ion Ratio Lower Upper

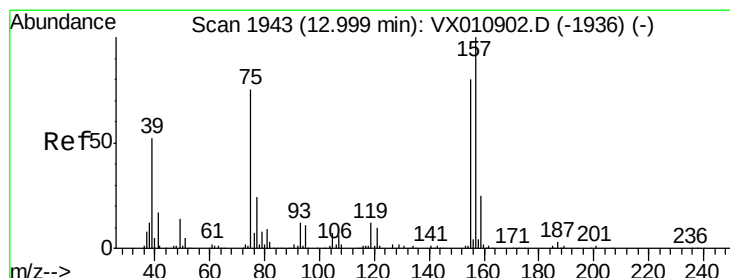
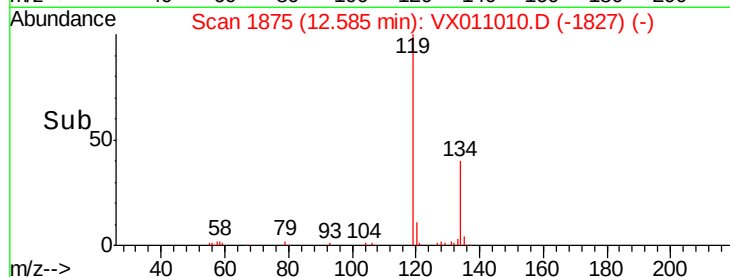
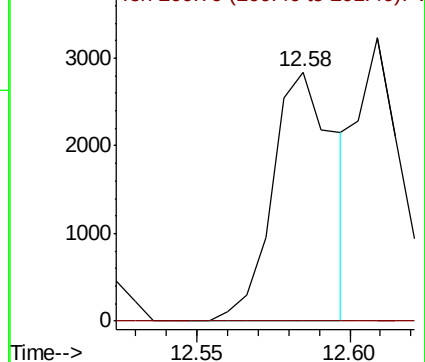
117 100

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: 0.445 ug/l

RT: 13.02 min Scan# 1946

Delta R.T. 0.02 min

Lab File: VX011010.D

Acq: 19 Jul 2019 18:11

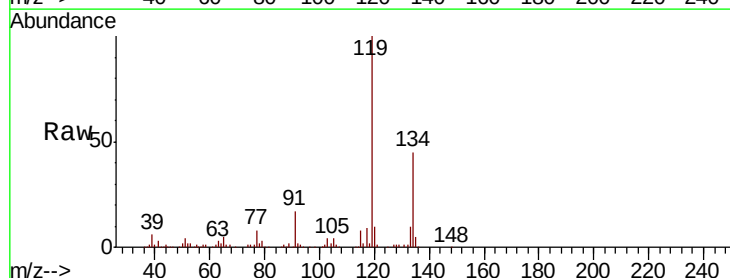
Tgt Ion: 75 Resp: 356

Ion Ratio Lower Upper

75 100

155 0.0 48.7 146.1#

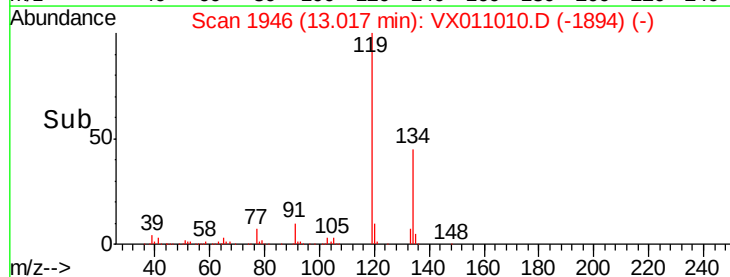
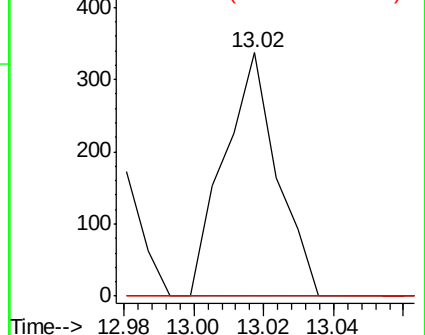
157 0.0 62.5 187.6#

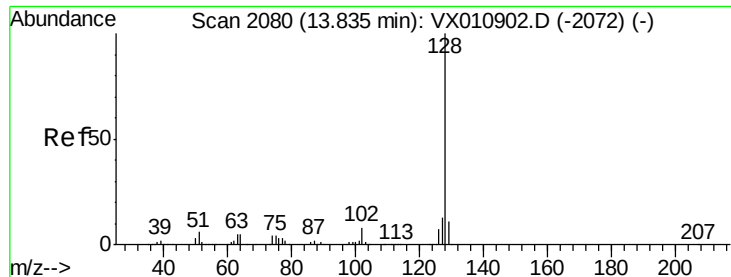


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

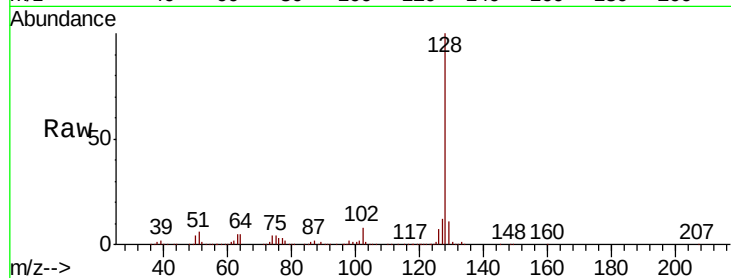




#95
Naphthalene
Concen: 16.767 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX011010.D
Acq: 19 Jul 2019 18:11

Instrument :
MSVOA_X
ClientSampleId :
FL-0630DL

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	11.1	8.9	13.3



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

