

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070819\
 Data File : VX010701.D
 Acq On : 08 Jul 2019 17:22
 Operator : JC/SP
 Sample : K3664-03DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0579DL

Quant Time: Jul 09 01:10:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	226205	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	345262	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	326260	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	165948	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	110711	52.20	ug/l	0.00
Spiked Amount			Recovery	=	104.40%	
35) Dibromofluoromethane	5.49	113	103543	49.02	ug/l	0.00
Spiked Amount			Recovery	=	98.04%	
50) Toluene-d8	8.71	98	418394	51.77	ug/l	0.00
Spiked Amount			Recovery	=	103.54%	
62) 4-Bromofluorobenzene	11.13	95	149854	51.36	ug/l	0.00
Spiked Amount			Recovery	=	102.72%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	419	0.229	ug/l #	83
5) Bromomethane	1.64	94	745	0.762	ug/l #	50
6) Chloroethane	1.74	64	977	0.826	ug/l #	59
11) Tert butyl alcohol	3.06	59	113	0.204	ug/l #	74
13) Acrolein	2.31	56	112	0.304	ug/l #	51
15) Acrylonitrile	3.16	53	1528	1.391	ug/l #	34
16) Acetone	2.45	43	2335	2.197	ug/l #	84
18) Methyl Acetate	2.84	43	10458	4.937	ug/l #	49
20) Methylene Chloride	2.85	84	705	0.322	ug/l #	88
25) 2-Butanone	4.70	43	1576	1.011	ug/l	89
29) Tetrahydrofuran	5.14	42	542	0.561	ug/l #	28
31) Cyclohexane	5.57	56	66796	21.804	ug/l	95
36) 1,1-Dichloropropene	5.66	75	14221	5.183	ug/l #	47
38) Carbon Tetrachloride	5.65	117	19900	6.698	ug/l #	14
39) Methylcyclohexane	7.46	83	106871	29.633	ug/l	99
40) Benzene	6.14	78	10393	1.216	ug/l	98
43) Isopropyl Acetate	6.46	43	1316	0.282	ug/l #	57
45) 1,2-Dichloropropane	7.46	63	1239	0.574	ug/l #	1
48) Methyl methacrylate	7.73	41	3449	1.589	ug/l #	53
49) 1,4-Dioxane	7.65	88	19	0.304	ug/l #	1
51) 4-Methyl-2-Pentanone	8.66	43	892	0.299	ug/l #	53
55) 1,1,2-Trichloroethane	9.16	97	5434	2.341	ug/l #	19
56) Ethyl methacrylate	9.16	69	1186	0.337	ug/l #	1
67) Ethyl Benzene	10.25	91	124172	11.104	ug/l	98
68) m/p-Xylenes	10.36	106	40345	9.311	ug/l	99
69) o-Xylene	10.69	106	1835	0.431	ug/l	95
73) Isopropylbenzene	11.02	105	83294	7.404	ug/l	100
76) 1,2,3-Trichloropropane	11.13	75	72485	23.970	ug/l #	33
78) n-propylbenzene	11.36	91	139182	11.258	ug/l	98
79) 2-Chlorotoluene	11.36	91	139182	18.905	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.45	105	29349	3.165	ug/l	71
81) trans-1,4-Dichloro-2-buten	11.13	75	72485	55.919	ug/l #	16
82) 4-Chlorotoluene	11.66	91	6269	0.748	ug/l #	42
83) tert-Butylbenzene	11.80	119	63897	6.865	ug/l #	56

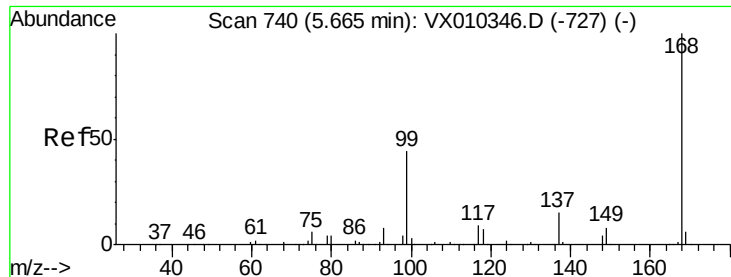
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070819\
Data File : VX010701.D
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Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	11.80	105	512183	54.972	ug/l	98
85) sec-Butylbenzene	11.94	105	21536	1.971	ug/l	84
86) p-Isopropyltoluene	12.06	119	10108	1.000	ug/l	99
89) n-Butylbenzene	12.38	91	12568	1.463	ug/l #	58
90) Hexachloroethane	12.58	117	4492	2.570	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	13.01	75	538	0.670	ug/l #	1
95) Naphthalene	13.83	128	60160	5.180	ug/l	98

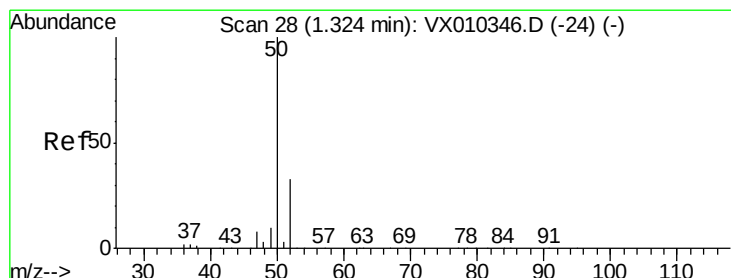
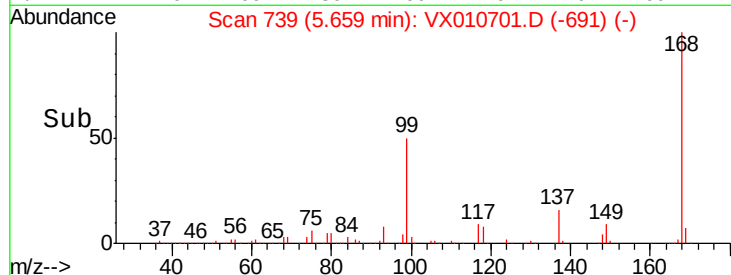
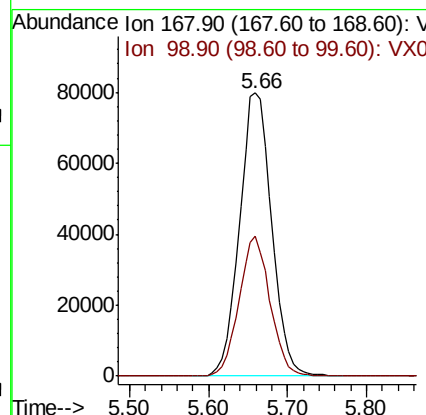
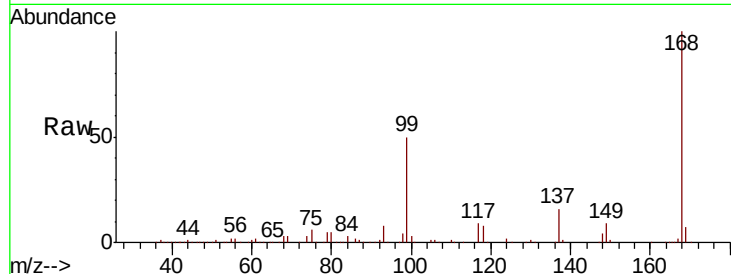
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.01 min
Lab File: VX010701.D
Acq: 08 Jul 2019 17:22

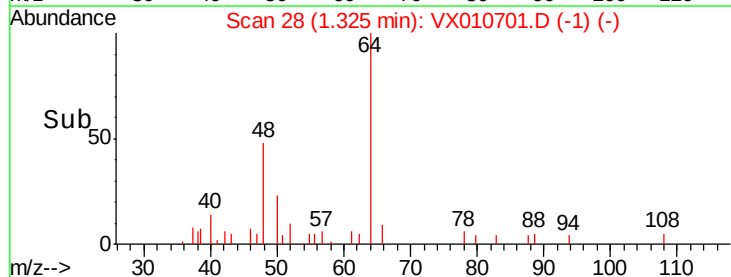
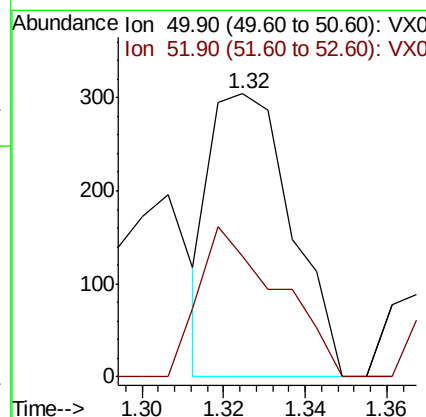
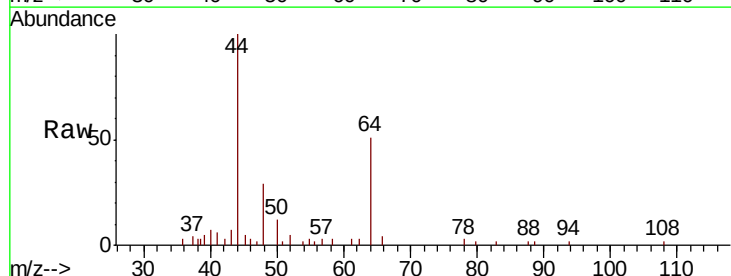
Instrument :
MSVOA_X
ClientSampleId :
FL-0579DL

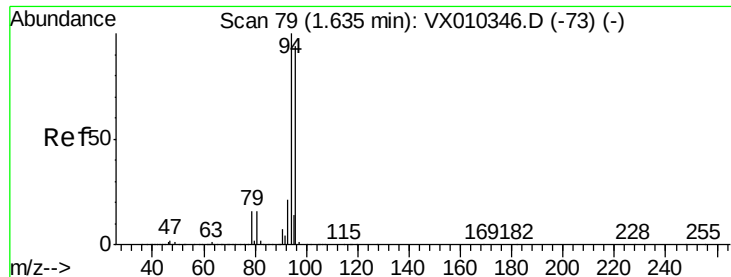
Tot Ion:168 Resp: 226205
Ion Ratio Lower Upper
168 100
99 49.5 35.5 53.3



#3
Chloromethane
Concen: 0.229 ug/l
RT: 1.32 min Scan# 28
Delta R.T. 0.00 min
Lab File: VX010701.D
Acq: 08 Jul 2019 17:22

Tgt Ion: 50 Resp: 419
Ion Ratio Lower Upper
50 100
52 42.8 26.5 39.7#





#5

Bromomethane

Concen: 0.762 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010701.D

Acq: 08 Jul 2019 17:22

Instrument :

MSVOA_X

ClientSampled :

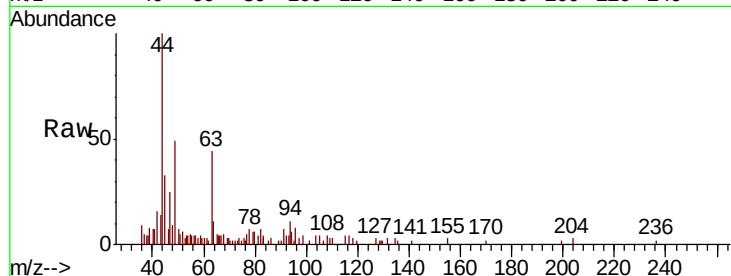
FL-0579DL

Tot Ion: 94 Resp: 745

Ion Ratio Lower Upper

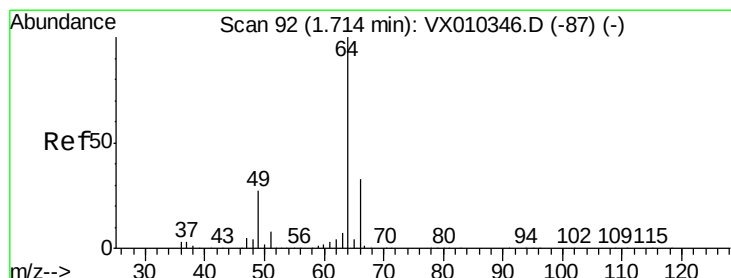
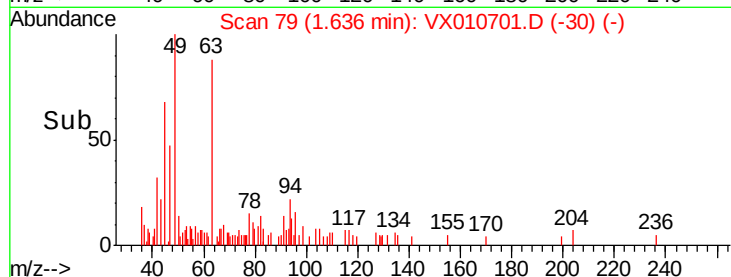
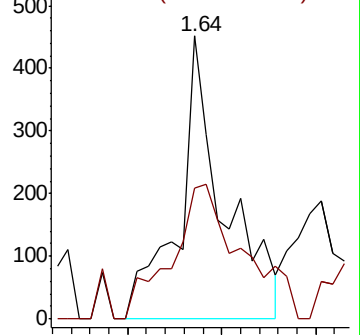
94 100

96 46.2 75.5 113.3#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 0.826 ug/l

RT: 1.74 min Scan# 96

Delta R.T. 0.02 min

Lab File: VX010701.D

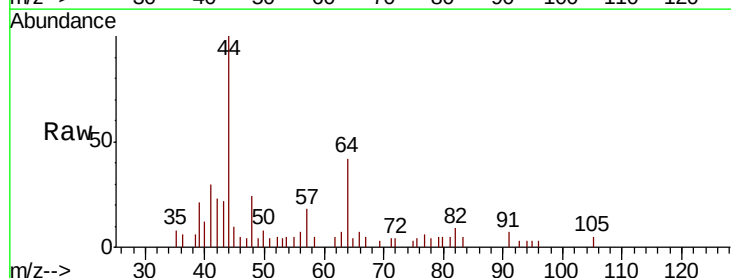
Acq: 08 Jul 2019 17:22

Tgt Ion: 64 Resp: 977

Ion Ratio Lower Upper

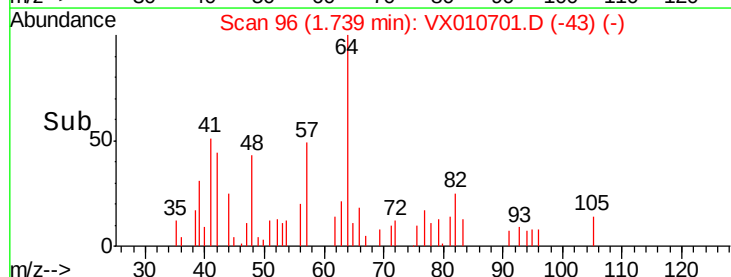
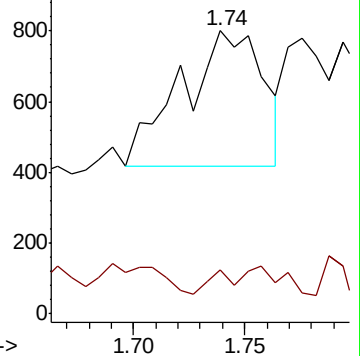
64 100

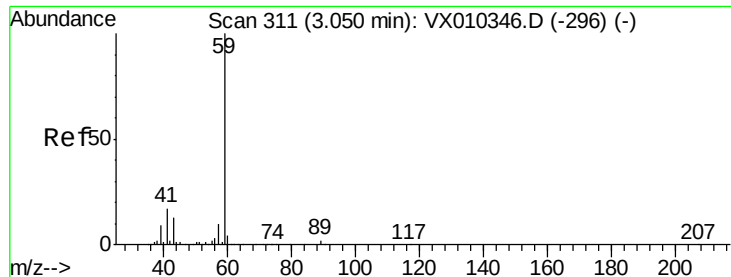
66 10.2 26.6 40.0#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



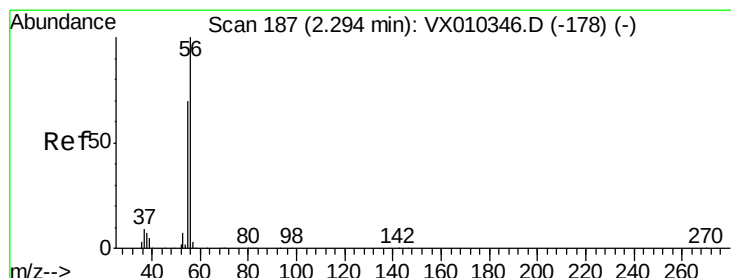
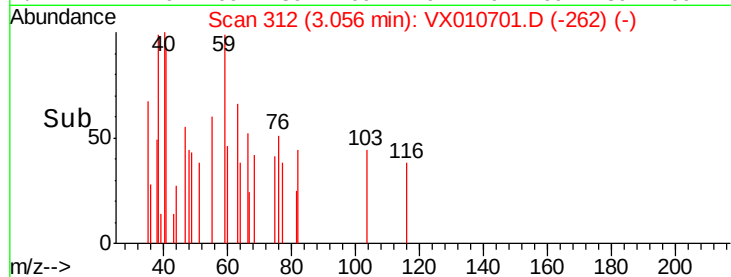
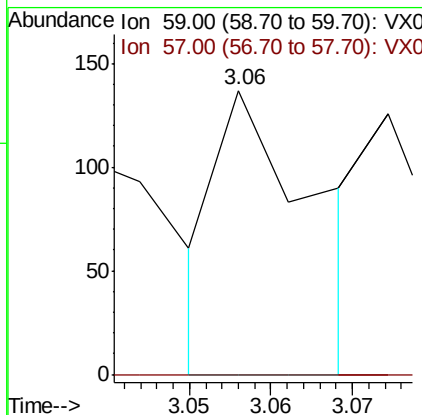
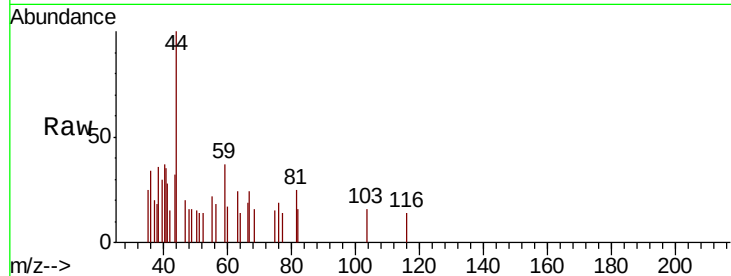


#11

Tert butyl alcohol
Concen: 0.204 ug/l
RT: 3.06 min Scan# 312
Delta R.T. 0.01 min
Lab File: VX010701.D
Acq: 08 Jul 2019 17:22

Instrument :
MSVOA_X
ClientSampled :
FL-0579DL

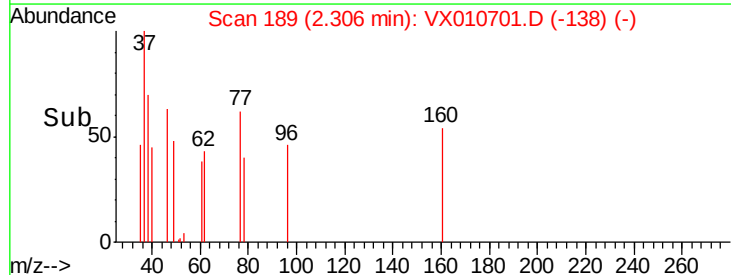
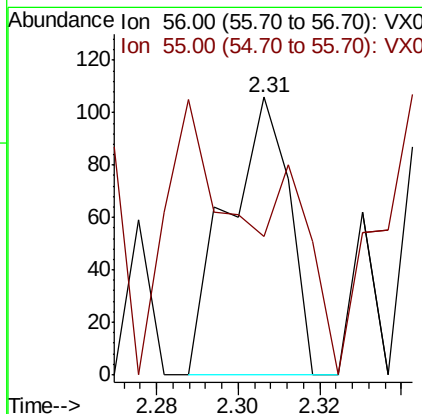
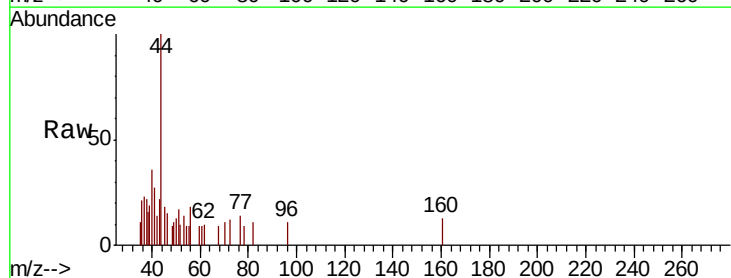
Tot Ion: 59 Resp: 113
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

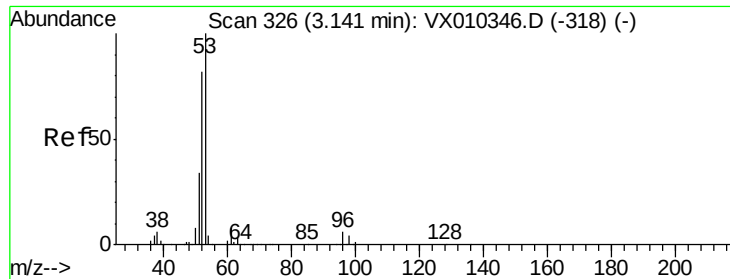


#13

Acrolein
Concen: 0.304 ug/l
RT: 2.31 min Scan# 189
Delta R.T. 0.01 min
Lab File: VX010701.D
Acq: 08 Jul 2019 17:22

Tgt Ion: 56 Resp: 112
Ion Ratio Lower Upper
56 100
55 111.6 56.9 85.3#

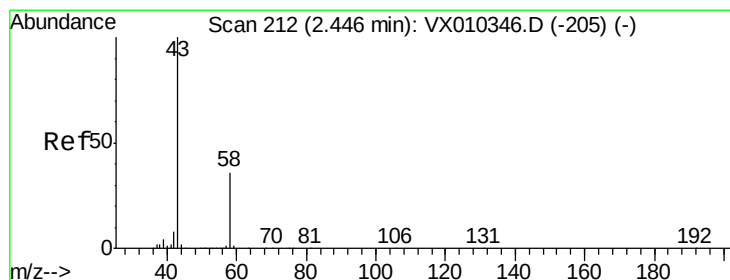
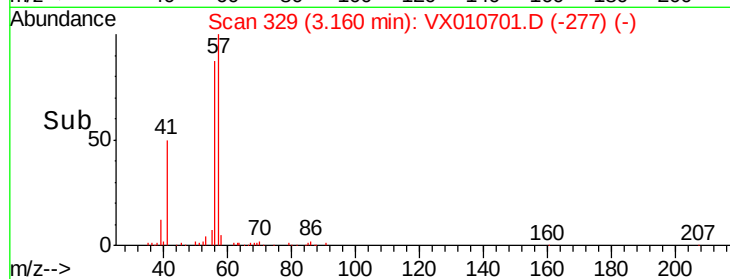
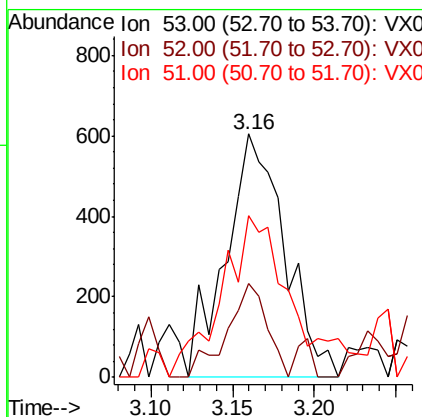
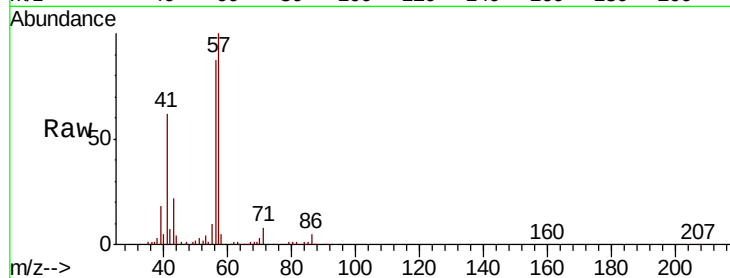




#15
 Acrylonitrile
 Concen: 1.391 ug/l
 RT: 3.16 min Scan# 329
 Delta R.T. 0.02 min
 Lab File: VX010701.D
 Acq: 08 Jul 2019 17:22

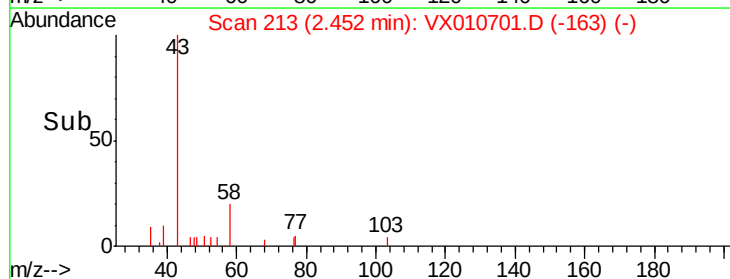
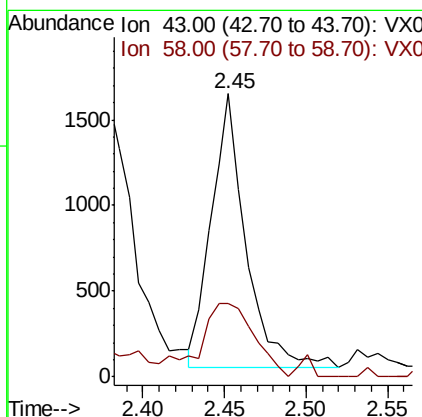
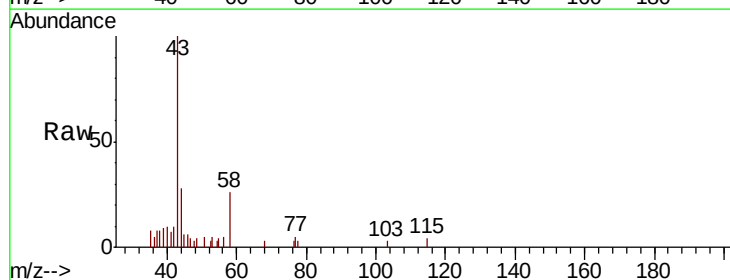
Instrument :
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 ClientSampleID :
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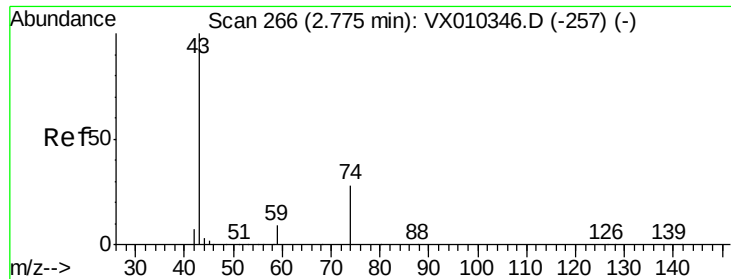
Tot Ion: 53 Resp: 1528
 Ion Ratio Lower Upper
 53 100
 52 25.9 65.5 98.3#
 51 79.1 28.2 42.4#



#16
 Acetone
 Concen: 2.197 ug/l
 RT: 2.45 min Scan# 213
 Delta R.T. 0.01 min
 Lab File: VX010701.D
 Acq: 08 Jul 2019 17:22

Tgt Ion: 43 Resp: 2335
 Ion Ratio Lower Upper
 43 100
 58 26.7 28.9 43.3#

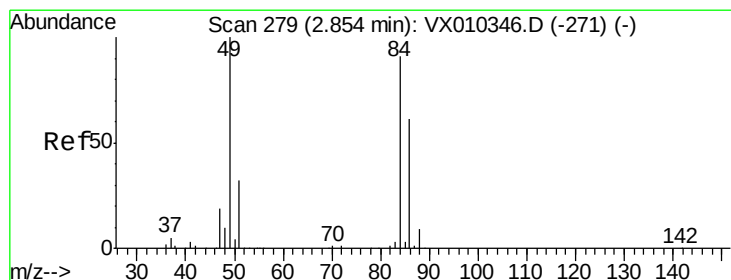
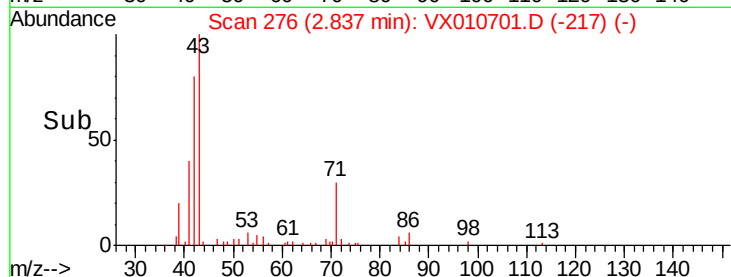
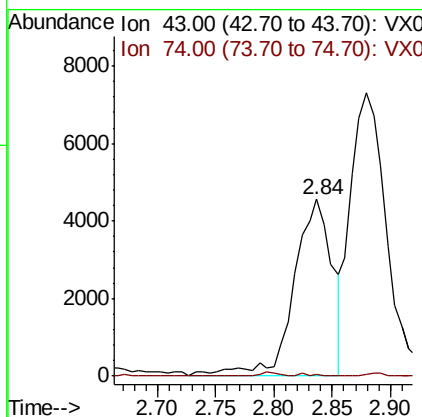
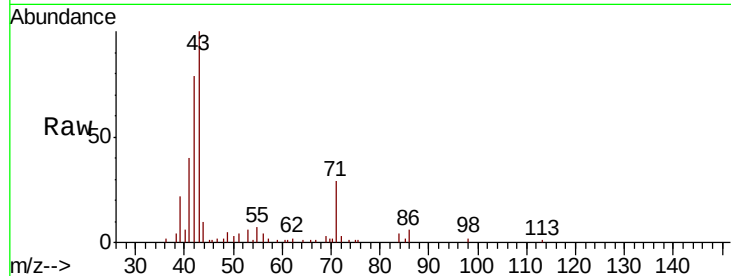




#18
Methyl Acetate
Concen: 4.937 ug/l
RT: 2.84 min Scan# 276
Delta R.T. 0.06 min
Lab File: VX010701.D
Acq: 08 Jul 2019 17:22

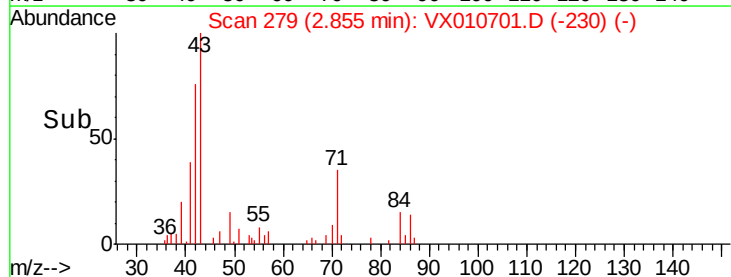
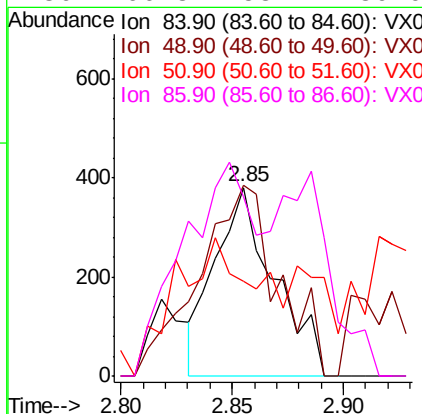
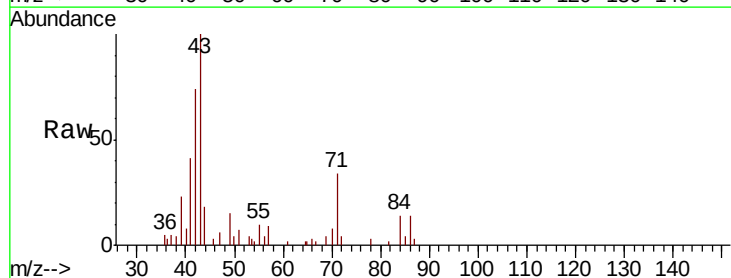
Instrument :
MSVOA_X
ClientSampleId :
FL-0579DL

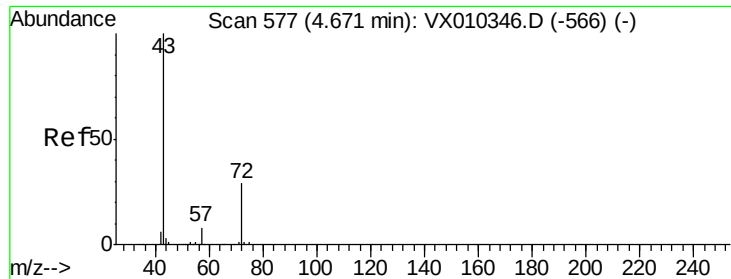
Tot Ion: 43 Resp: 10458
Ion Ratio Lower Upper
43 100
74 0.4 21.3 31.9#



#20
Methylene Chloride
Concen: 0.322 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010701.D
Acq: 08 Jul 2019 17:22

Tgt Ion: 84 Resp: 705
Ion Ratio Lower Upper
84 100
49 101.3 87.5 131.3
51 5.8 27.7 41.5#
86 66.8 53.4 80.0





#25

2-Butanone

Concen: 1.011 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.03 min

Lab File: VX010701.D

Acq: 08 Jul 2019 17:22

Instrument :

MSVOA_X

ClientSampled :

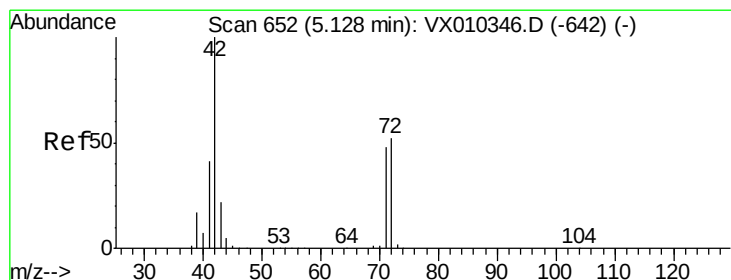
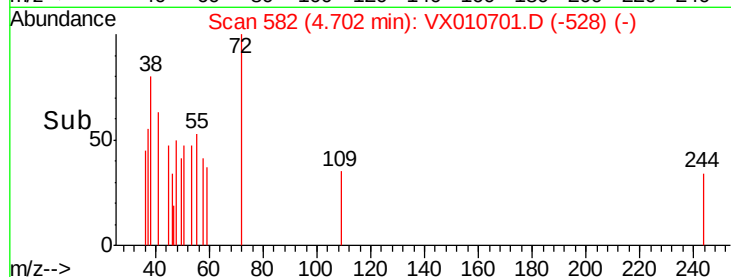
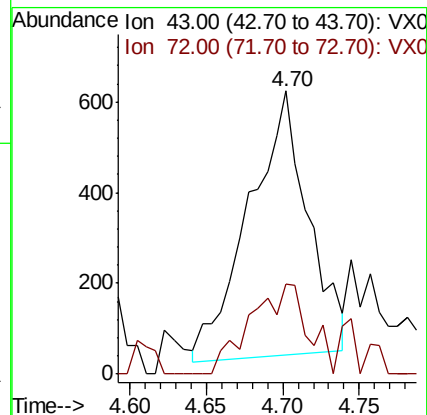
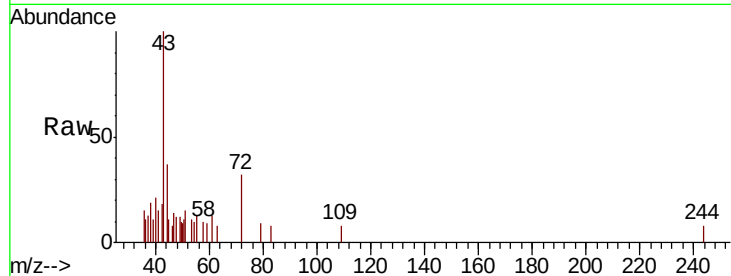
FL-0579DL

Tot Ion: 43 Resp: 1576

Ion Ratio Lower Upper

43 100

72 34.7 23.3 34.9



#29

Tetrahydrofuran

Concen: 0.561 ug/l

RT: 5.14 min Scan# 654

Delta R.T. 0.01 min

Lab File: VX010701.D

Acq: 08 Jul 2019 17:22

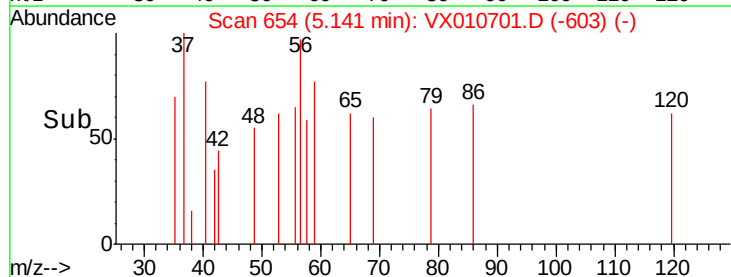
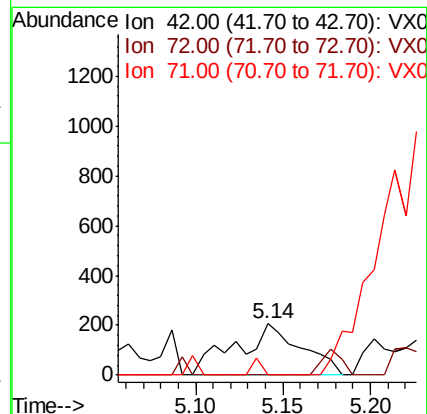
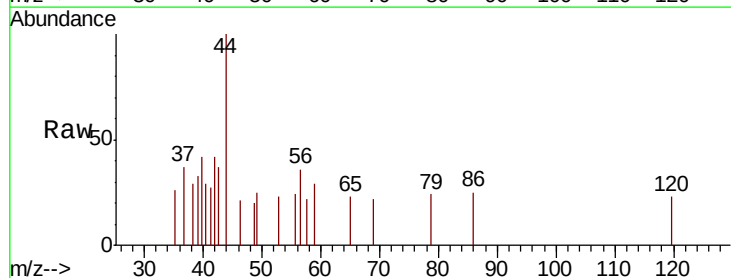
Tgt Ion: 42 Resp: 542

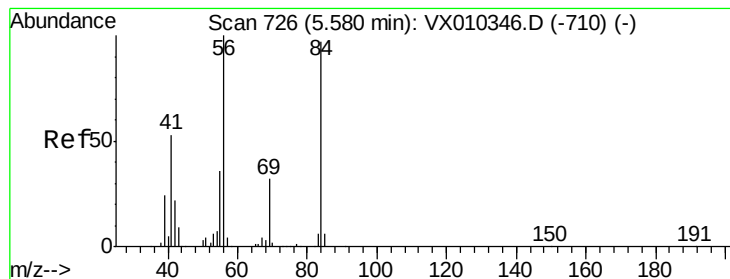
Ion Ratio Lower Upper

42 100

72 0.0 40.6 60.8#

71 0.0 37.8 56.8#





#31

Cyclohexane

Concen: 21.804 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX010701.D

Acq: 08 Jul 2019 17:22

Instrument :

MSVOA_X

ClientSampled :

FL-0579DL

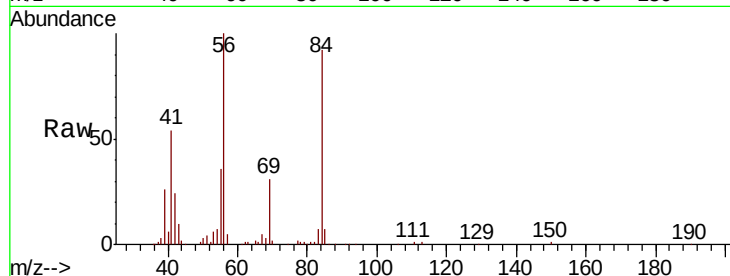
Tot Ion: 56 Resp: 66796

Ion Ratio Lower Upper

56 100

69 31.1 25.9 38.9

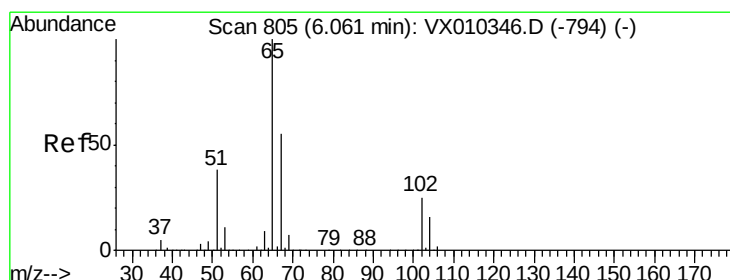
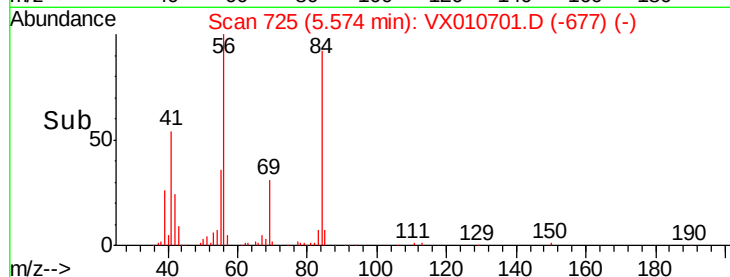
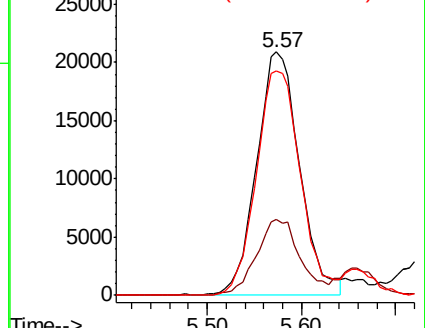
84 92.1 78.0 117.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 52.200 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010701.D

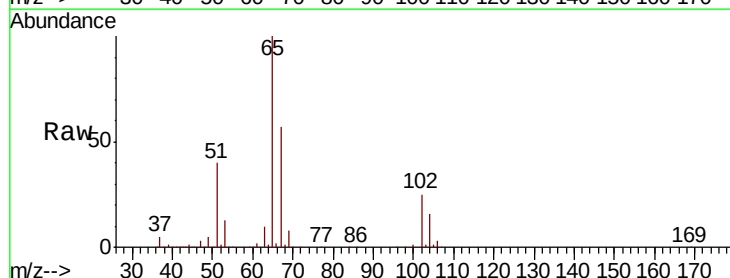
Acq: 08 Jul 2019 17:22

Tgt Ion: 65 Resp: 110711

Ion Ratio Lower Upper

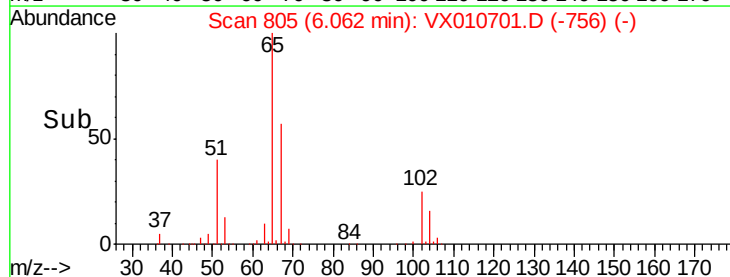
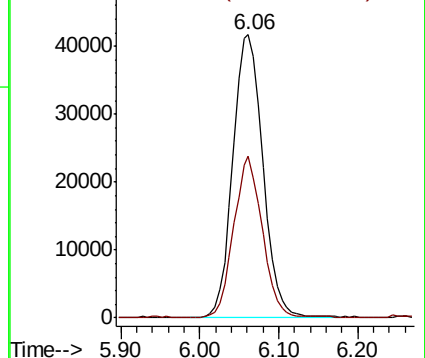
65 100

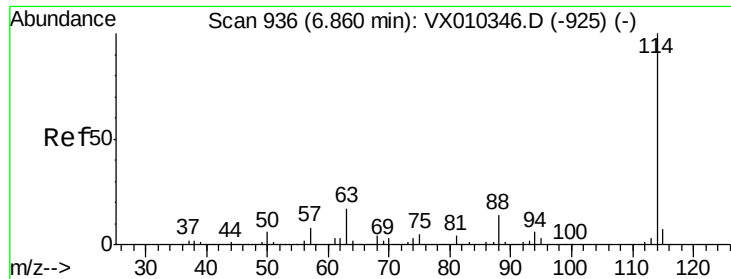
67 54.3 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

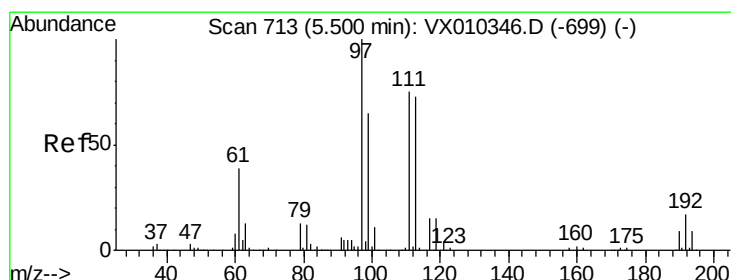
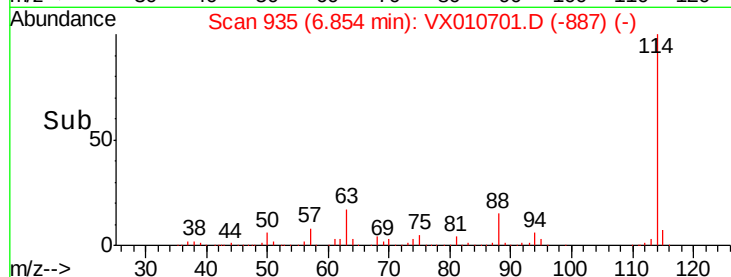
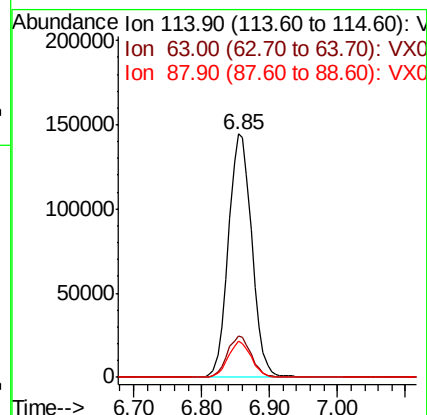
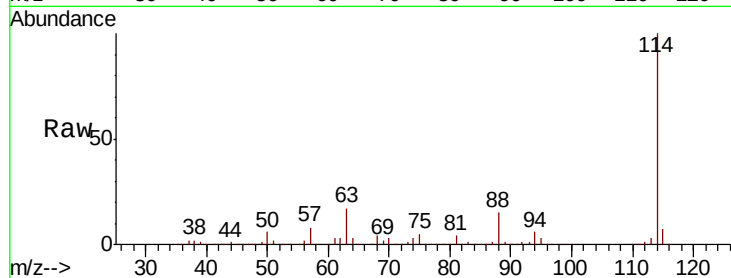




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX010701.D
 Acq: 08 Jul 2019 17:22

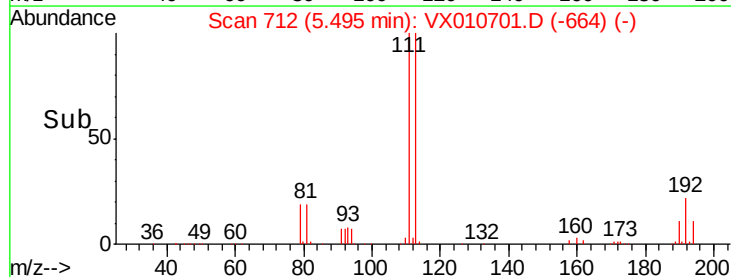
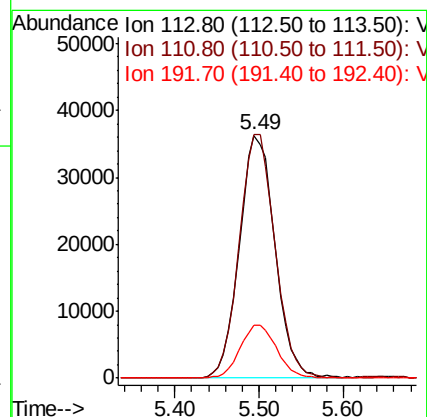
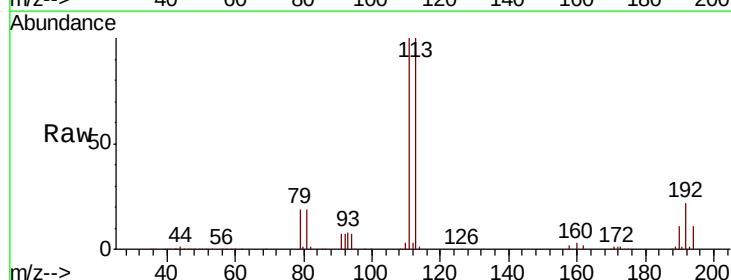
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0579DL

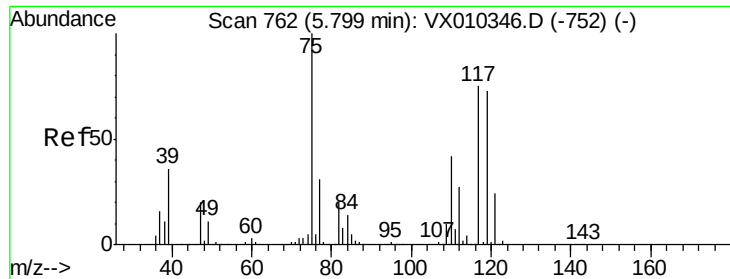
Tot Ion	Ratio	Lower	Upper
114	100		
63	16.9	0.0	33.8
88	14.6	0.0	27.6



#35
 Dibromofluoromethane
 Concen: 49.016 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX010701.D
 Acq: 08 Jul 2019 17:22

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.1	81.2	121.8
192	22.4	18.6	27.8

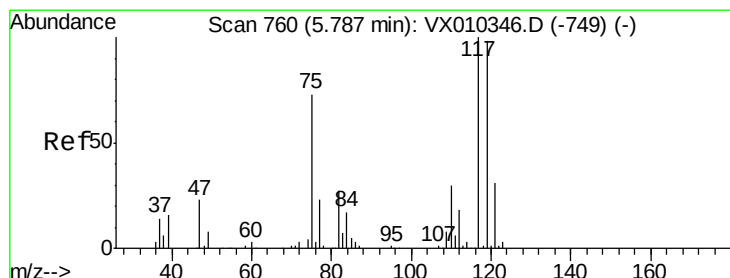
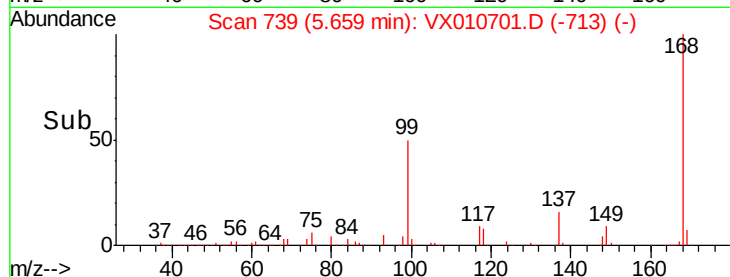
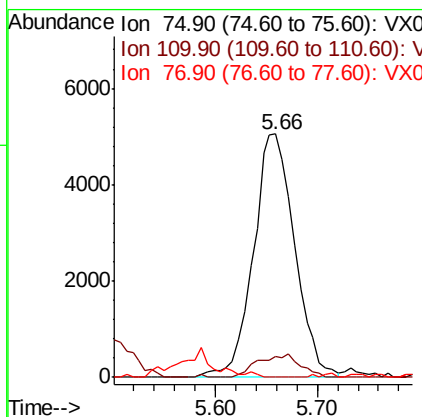
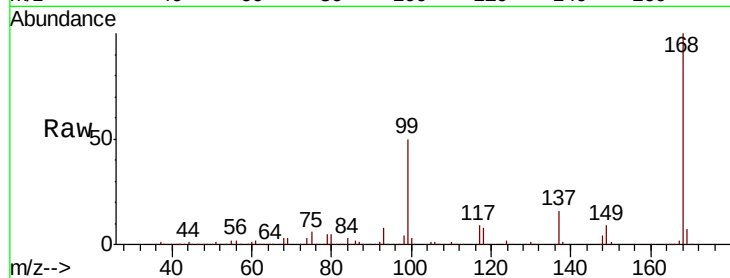




#36
 1,1-Dichloropropene
 Concen: 5.183 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX010701.D
 Acq: 08 Jul 2019 17:22

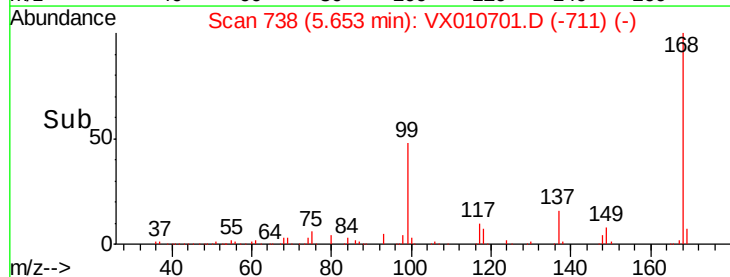
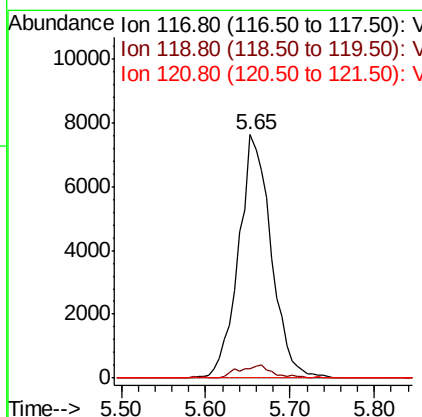
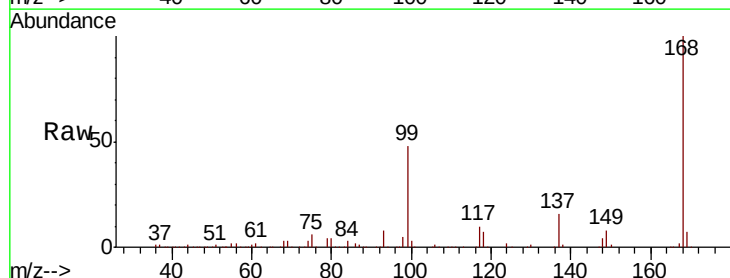
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0579DL

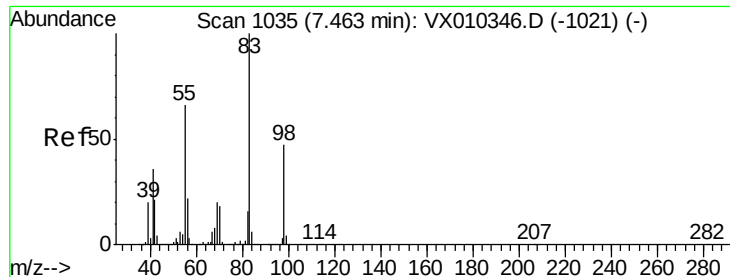
Tot Ion	75	Resp	14221
Ion Ratio	100	Lower	Upper
75	100		
110	9.6	20.8	62.2#
77	0.0	25.4	38.0#



#38
 Carbon Tetrachloride
 Concen: 6.698 ug/l
 RT: 5.65 min Scan# 738
 Delta R.T. -0.13 min
 Lab File: VX010701.D
 Acq: 08 Jul 2019 17:22

Tgt Ion	117	Resp	19900
Ion Ratio	100	Lower	Upper
117	100		
119	3.6	78.2	117.4#
121	0.0	24.7	37.1#

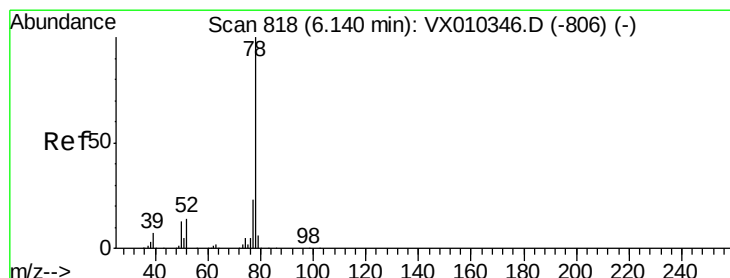
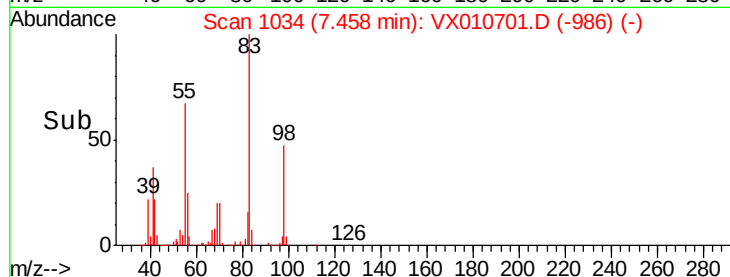
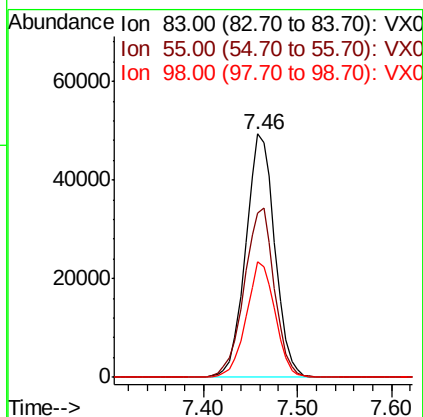
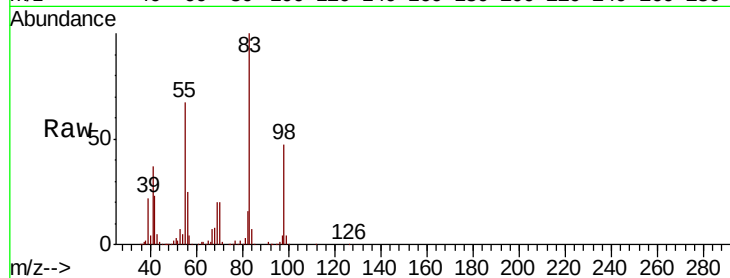




#39
Methylvlcyclohexane
Concen: 29.633 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX010701.D
Acq: 08 Jul 2019 17:22

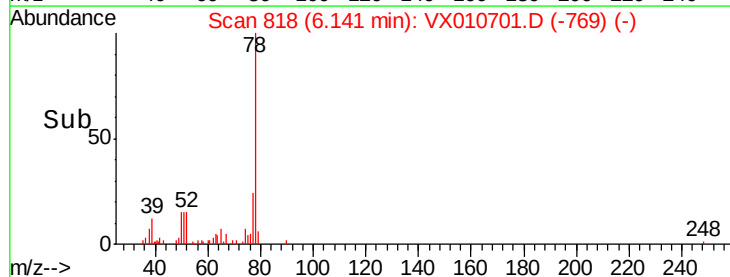
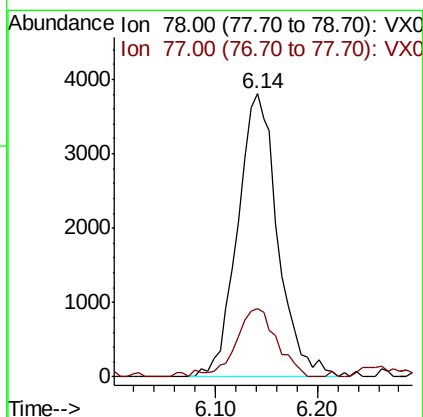
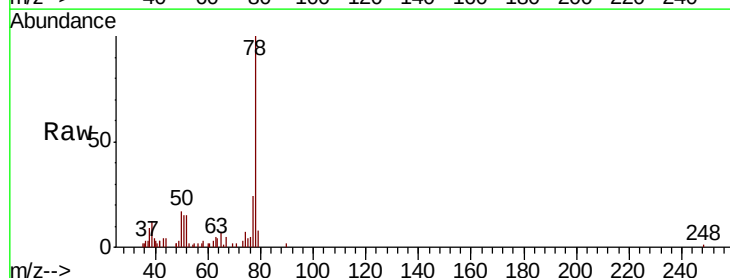
Instrument :
MSVOA_X
ClientSampleId :
FL-0579DL

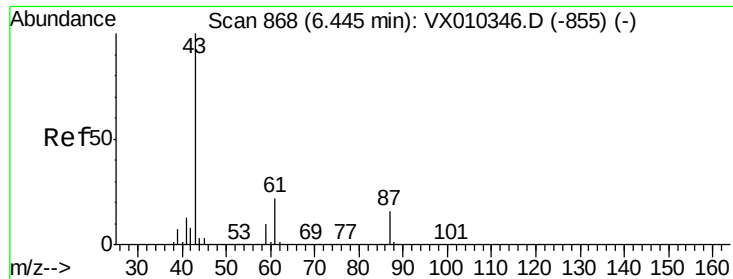
Tot Ion: 83 Resp: 106871
Ion Ratio Lower Upper
83 100
55 67.1 53.0 79.6
98 47.3 37.8 56.8



#40
Benzene
Concen: 1.216 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010701.D
Acq: 08 Jul 2019 17:22

Tgt Ion: 78 Resp: 10393
Ion Ratio Lower Upper
78 100
77 24.2 18.6 28.0





#43

Isopropyl Acetate

Concen: 0.282 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.02 min

Lab File: VX010701.D

Acq: 08 Jul 2019 17:22

Instrument :

MSVOA_X

ClientSampled :

FL-0579DL

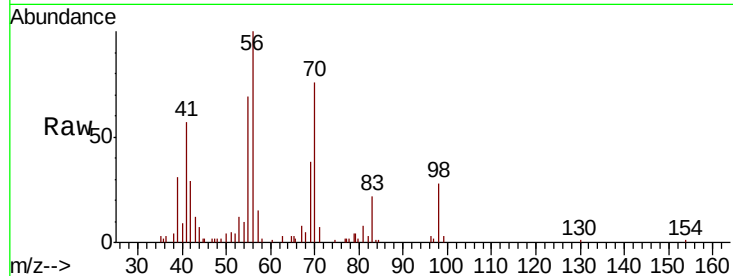
Tot Ion: 43 Resp: 1316

Ion Ratio Lower Upper

43 100

61 0.0 17.8 26.6#

87 0.0 13.0 19.4#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

6.46

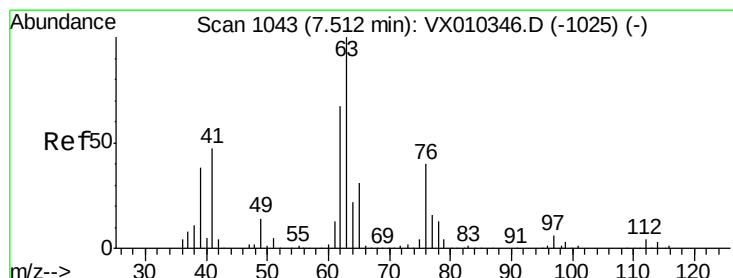
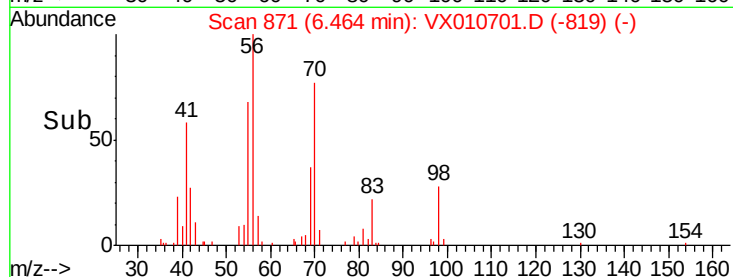
400

200

0

6.40 6.45 6.50

Time-->



#45

1,2-Dichloropropane

Concen: 0.574 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. -0.05 min

Lab File: VX010701.D

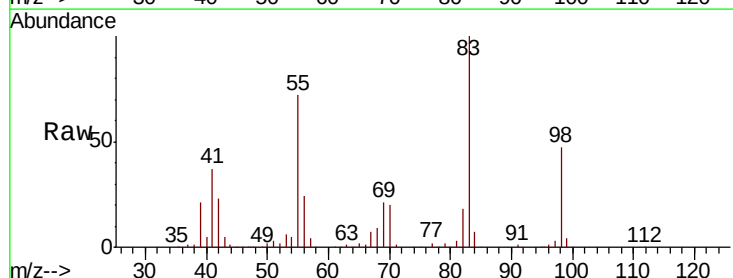
Acq: 08 Jul 2019 17:22

Tgt Ion: 63 Resp: 1239

Ion Ratio Lower Upper

63 100

65 188.3 24.8 37.2#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

1000

800

600

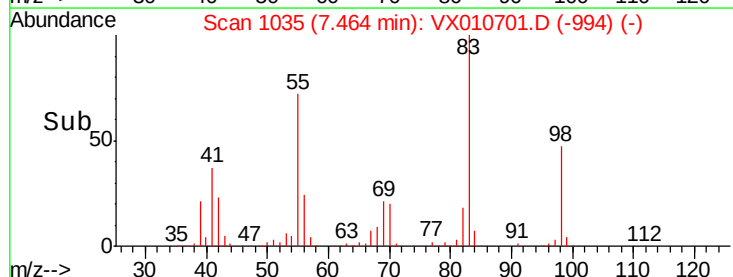
400

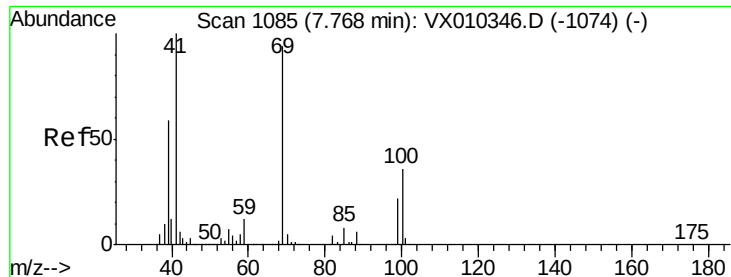
200

0

7.40 7.45 7.50

Time-->

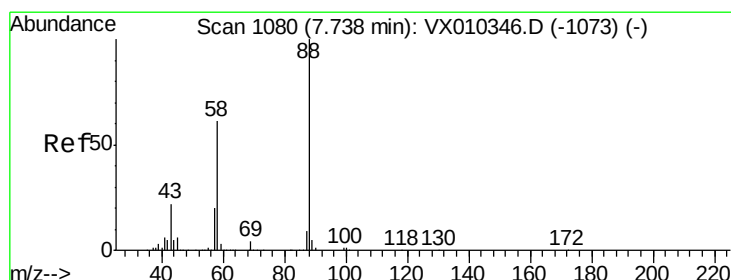
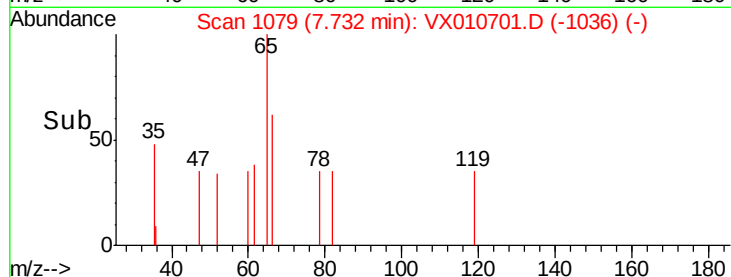
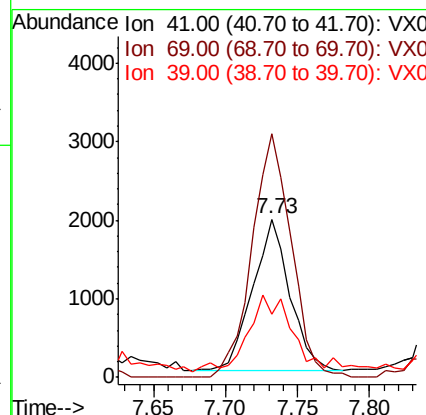
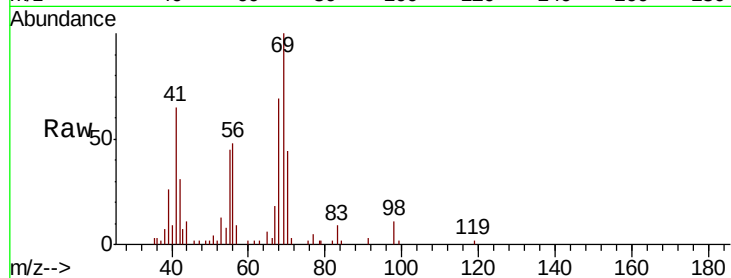




#48
Methvl methacrylate
Concen: 1.589 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. -0.04 min
Lab File: VX010701.D
Acq: 08 Jul 2019 17:22

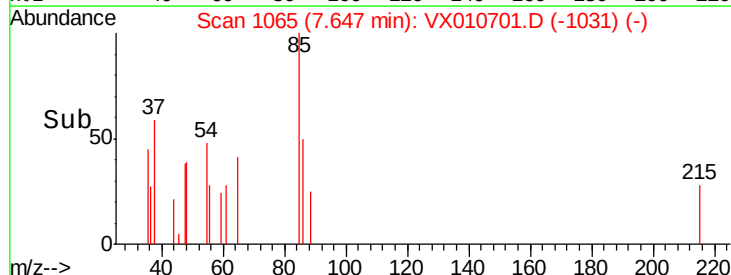
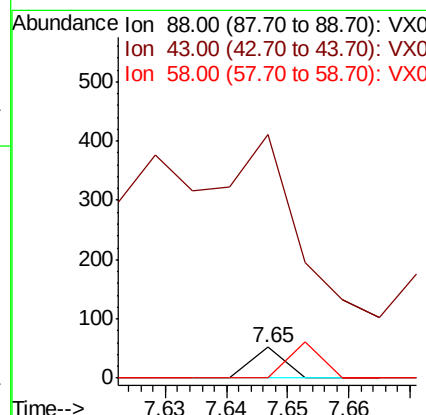
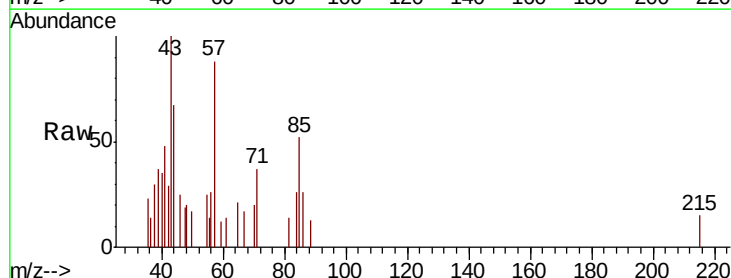
Instrument :
MSVOA_X
ClientSampleId :
FL-0579DL

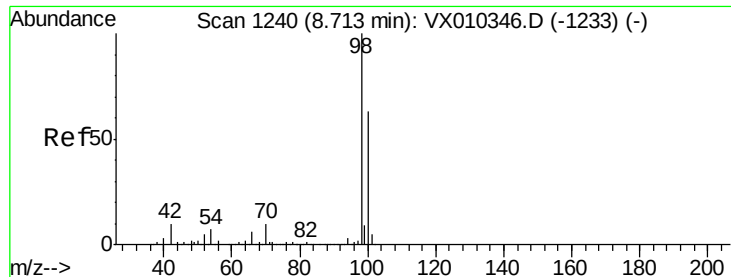
Tot Ion: 41 Resp: 3449
Ion Ratio Lower Upper
41 100
69 169.0 76.1 114.1#
39 59.7 47.6 71.4



#49
1,4-Dioxane
Concen: 0.304 ug/l
RT: 7.65 min Scan# 1065
Delta R.T. -0.09 min
Lab File: VX010701.D
Acq: 08 Jul 2019 17:22

Tgt Ion: 88 Resp: 19
Ion Ratio Lower Upper
88 100
43 3178.9 20.2 30.2#
58 121.1 49.5 74.3#

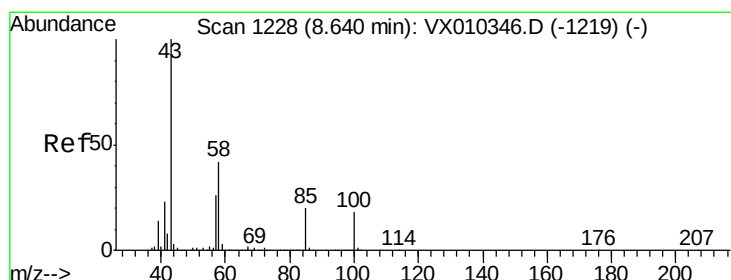
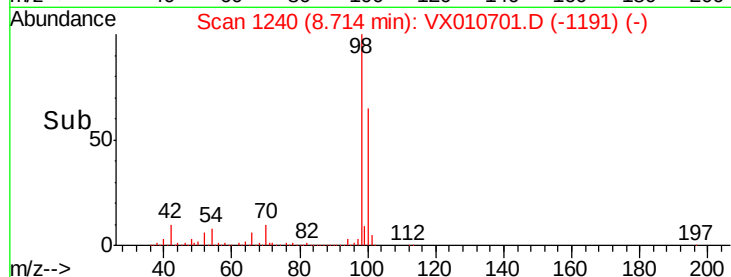
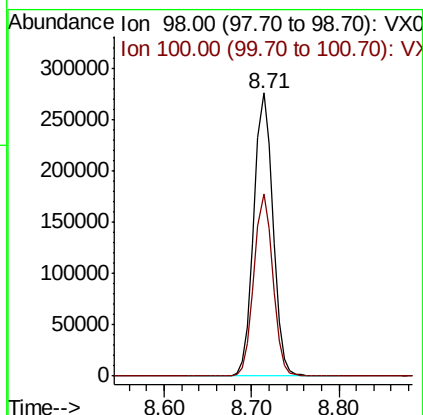
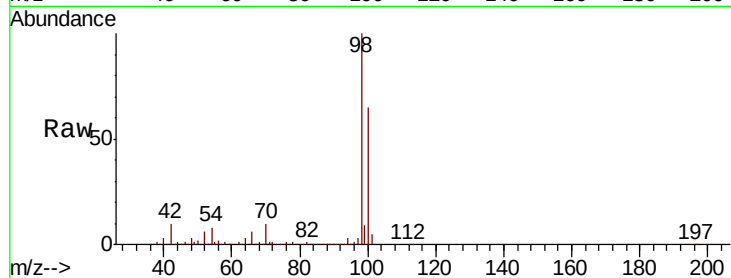




#50
Toluene-d8
Concen: 51.770 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010701.D
Acq: 08 Jul 2019 17:22

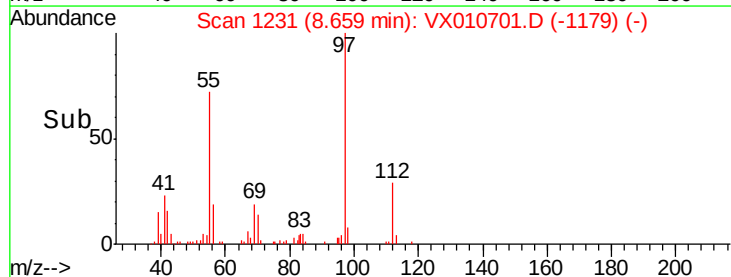
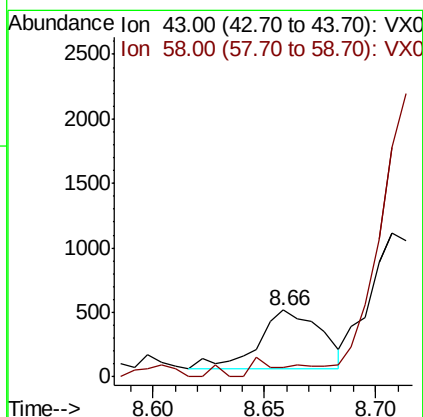
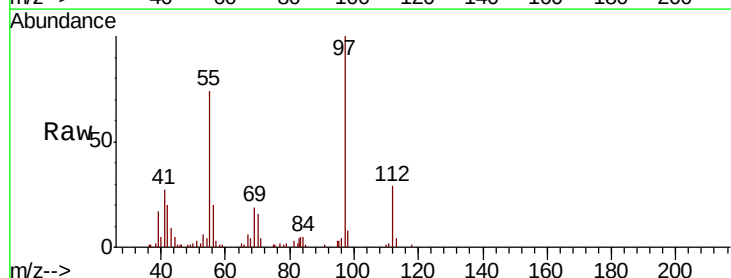
Instrument :
MSVOA_X
ClientSampled :
FL-0579DL

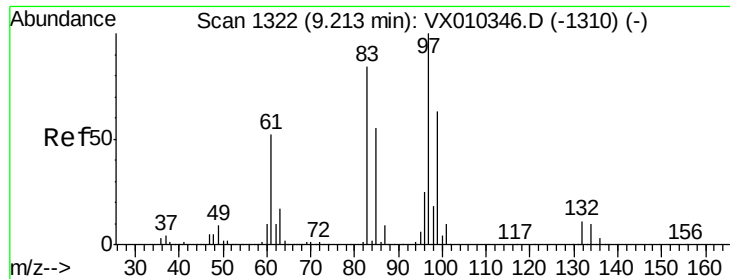
Tot Ion: 98 Resp: 418394
Ion Ratio Lower Upper
98 100
100 63.8 51.6 77.4



#51
4-Methyl-2-Pentanone
Concen: 0.299 ug/l
RT: 8.66 min Scan# 1231
Delta R.T. 0.02 min
Lab File: VX010701.D
Acq: 08 Jul 2019 17:22

Tgt Ion: 43 Resp: 892
Ion Ratio Lower Upper
43 100
58 12.2 33.5 50.3#

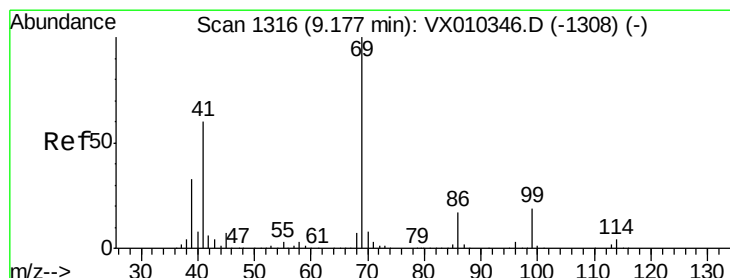
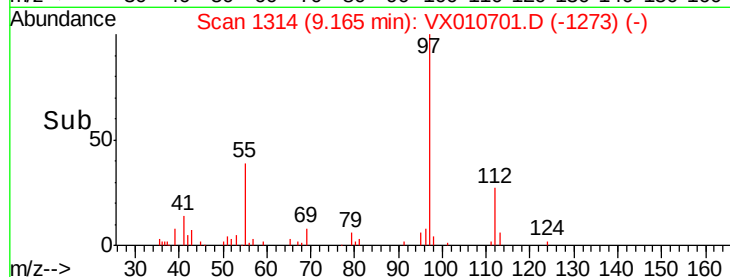
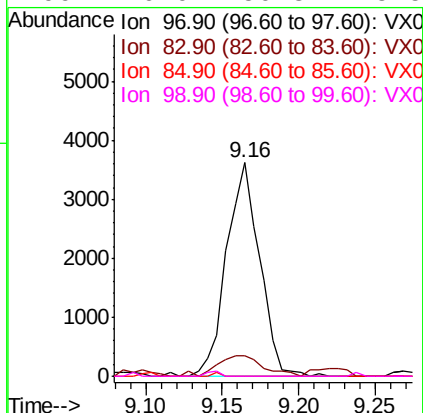
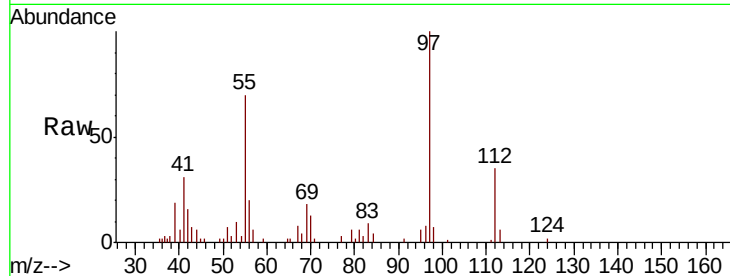




#55
 1,1,2-Trichloroethane
 Concen: 2.341 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.05 min
 Lab File: VX010701.D
 Acq: 08 Jul 2019 17:22

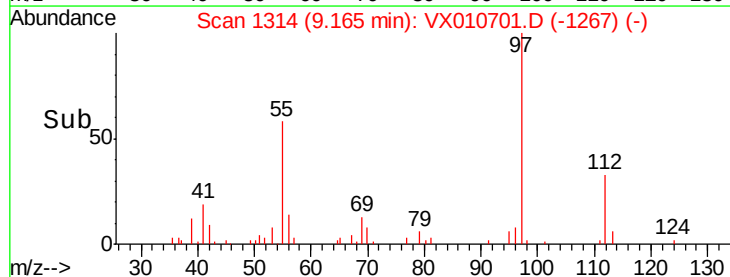
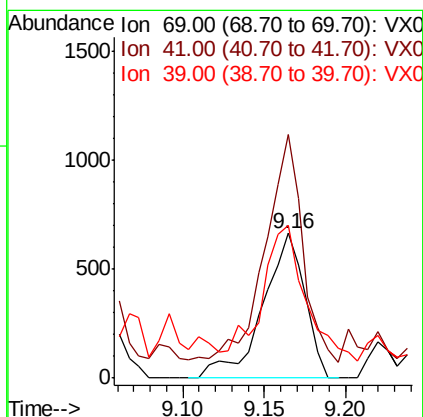
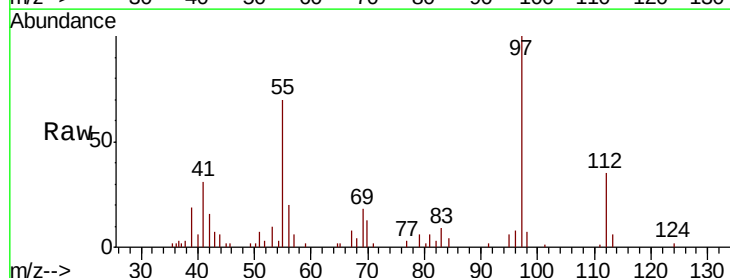
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0579DL

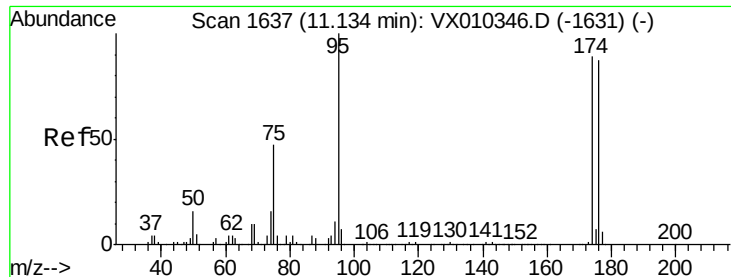
Tot Ion:	97	Resp:	5434
Ion	Ratio	Lower	Upper
97	100		
83	7.1	67.4	101.0#
85	0.0	43.8	65.8#
99	0.0	50.3	75.5#



#56
 Ethyl methacrylate
 Concen: 0.337 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: VX010701.D
 Acq: 08 Jul 2019 17:22

Tgt Ion:	69	Resp:	1186
Ion	Ratio	Lower	Upper
69	100		
41	139.5	47.1	70.7#
39	97.2	26.6	40.0#

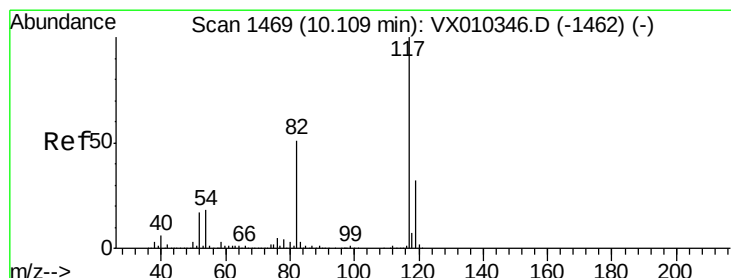
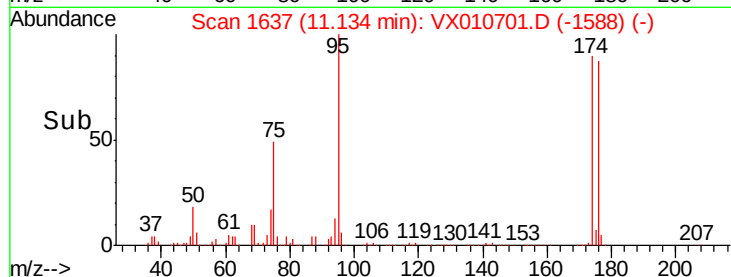
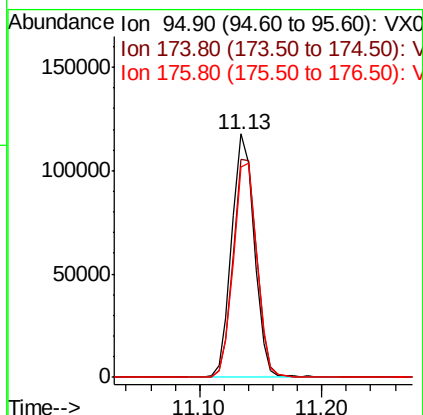
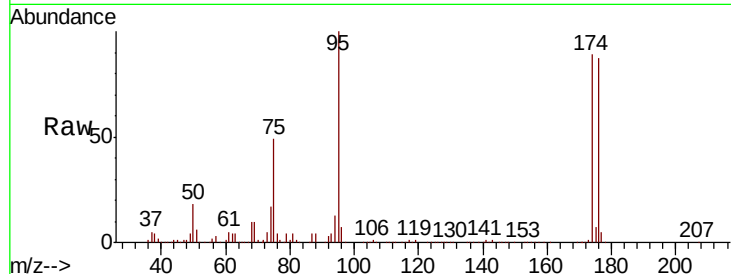




#62
4-Bromofluorobenzene
Concen: 51.359 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010701.D
Acq: 08 Jul 2019 17:22

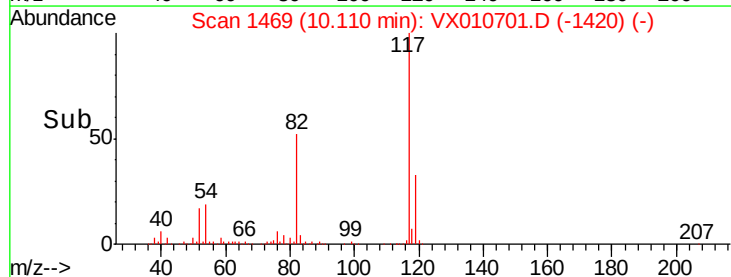
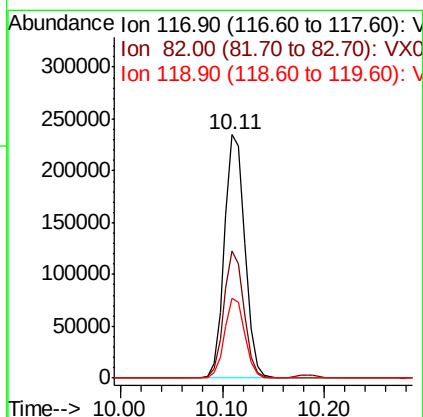
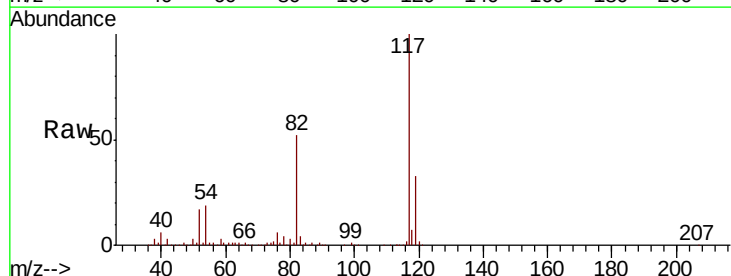
Instrument :
MSVOA_X
ClientSampleId :
FL-0579DL

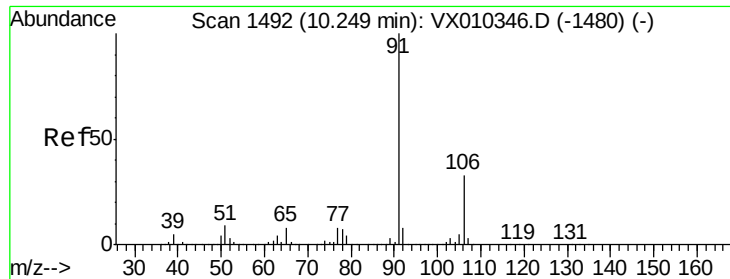
Tot Ion: 95 Resp: 149854
Ion Ratio Lower Upper
95 100
174 93.1 0.0 187.6
176 91.5 0.0 184.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010701.D
Acq: 08 Jul 2019 17:22

Tgt Ion: 117 Resp: 326260
Ion Ratio Lower Upper
117 100
82 52.0 41.2 61.8
119 32.5 25.5 38.3





#67

Ethyl Benzene

Concen: 11.104 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX010701.D

Acq: 08 Jul 2019 17:22

Instrument :

MSVOA_X

ClientSampled :

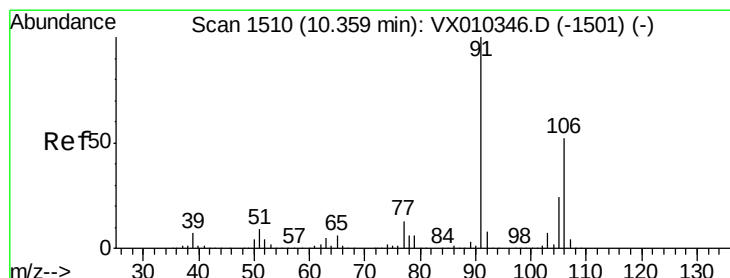
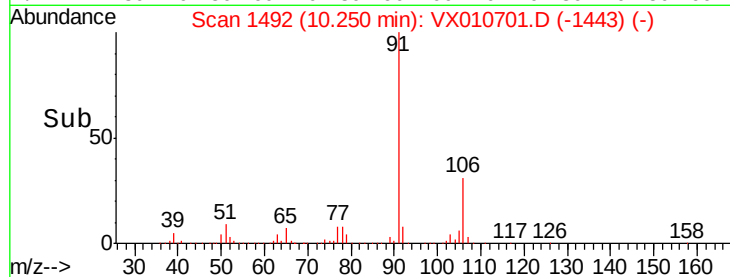
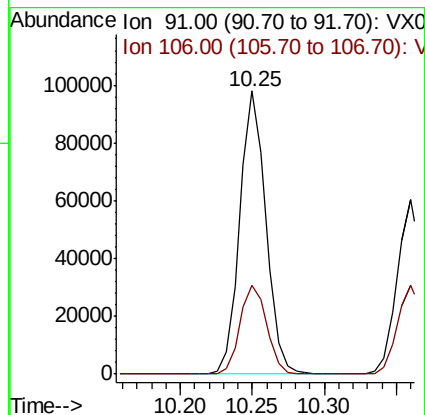
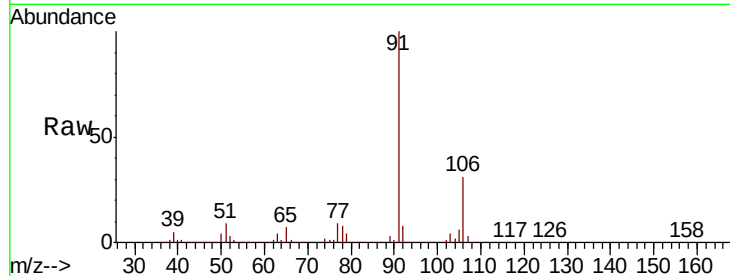
FL-0579DL

Tot Ion: 91 Resp: 124172

Ion Ratio Lower Upper

91 100

106 31.4 26.2 39.2



#68

m/p-Xylenes

Concen: 9.311 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX010701.D

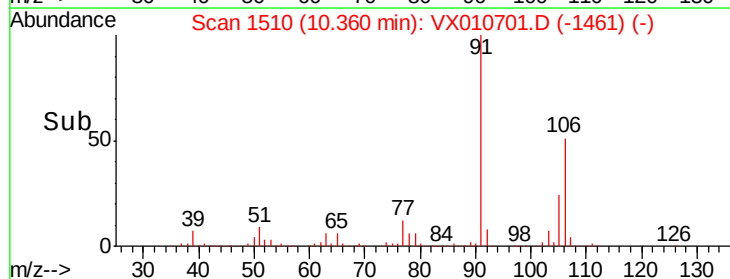
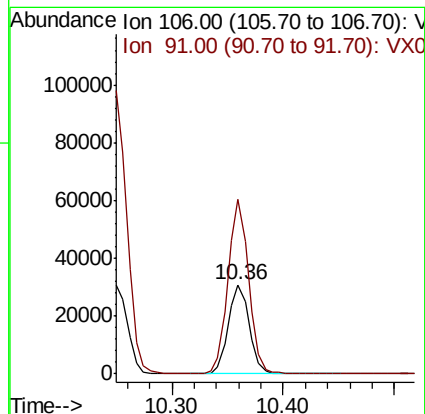
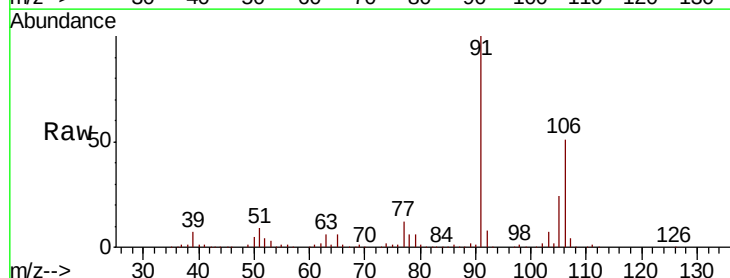
Acq: 08 Jul 2019 17:22

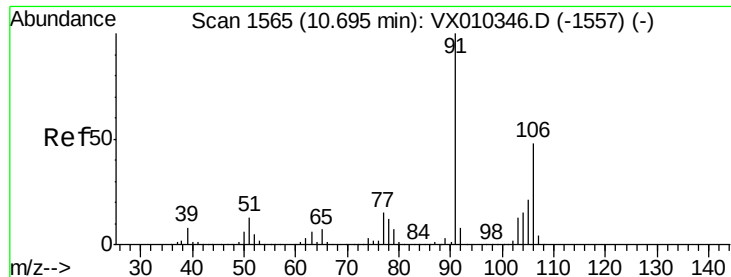
Tgt Ion: 106 Resp: 40345

Ion Ratio Lower Upper

106 100

91 192.4 155.3 232.9

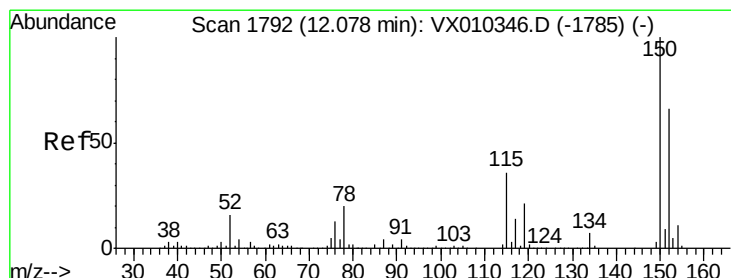
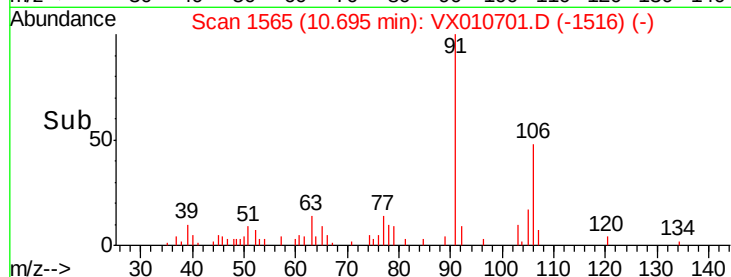
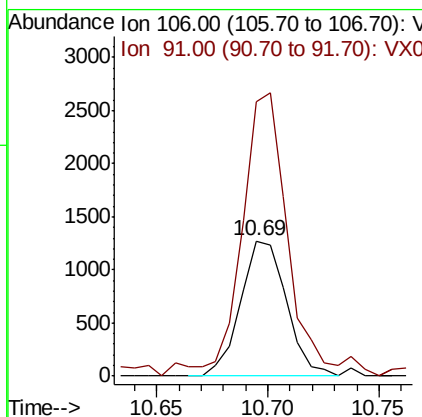
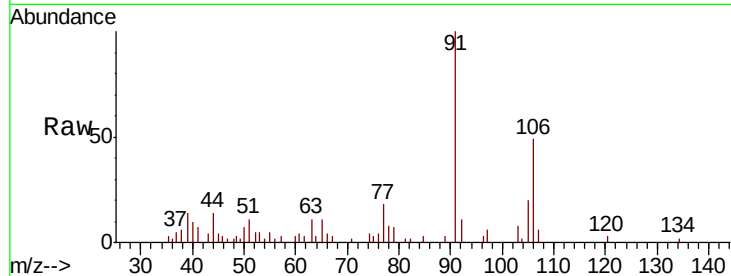




#69
o-Xylene
Concen: 0.431 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010701.D
Acq: 08 Jul 2019 17:22

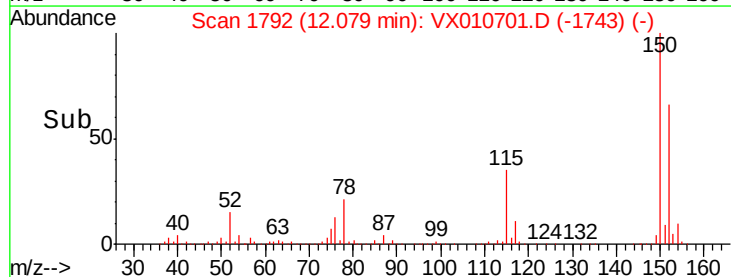
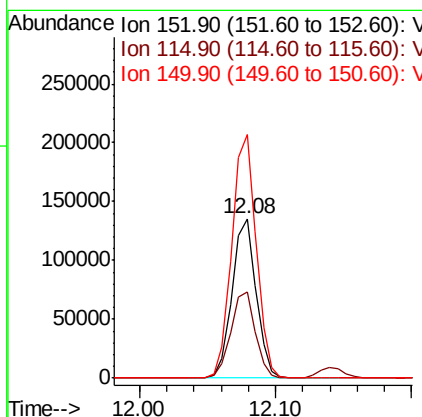
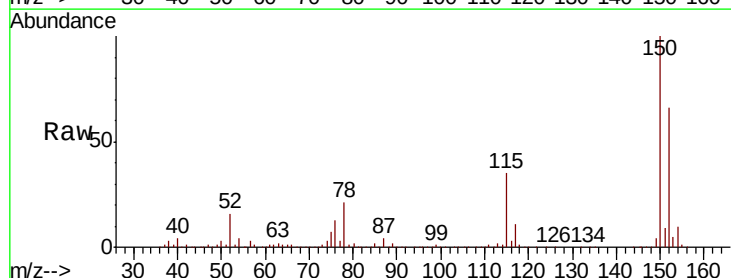
Instrument :
MSVOA_X
ClientSampleID :
FL-0579DL

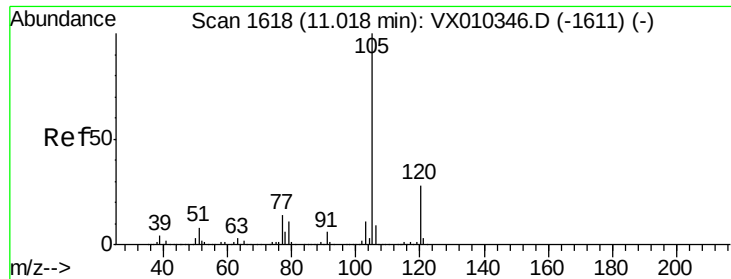
Tot Ion:106 Resp: 1835
Ion Ratio Lower Upper
106 100
91 213.5 102.7 308.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010701.D
Acq: 08 Jul 2019 17:22

Tgt Ion:152 Resp: 165948
Ion Ratio Lower Upper
152 100
115 54.6 38.6 115.7
150 155.2 0.0 347.4





#73

Isopropylbenzene

Concen: 7.404 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010701.D

Acq: 08 Jul 2019 17:22

Instrument :

MSVOA_X

ClientSampleId :

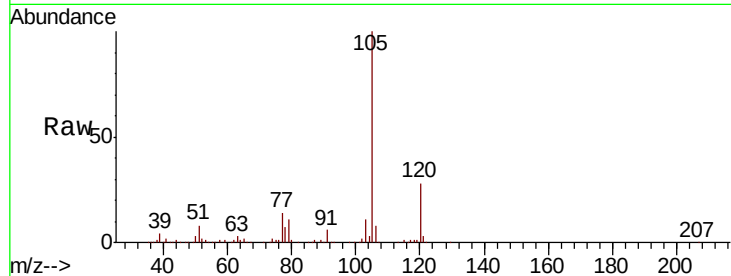
FL-0579DL

Tot Ion:105 Resp: 83294

Ion Ratio Lower Upper

105 100

120 28.1 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

60000

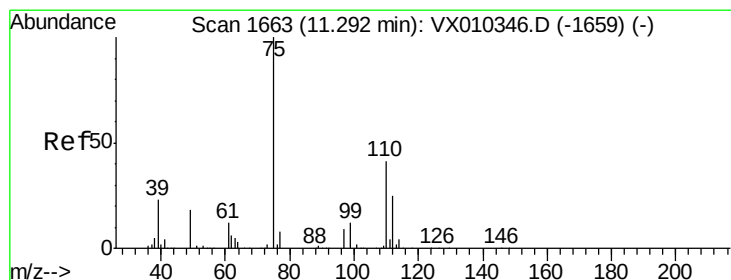
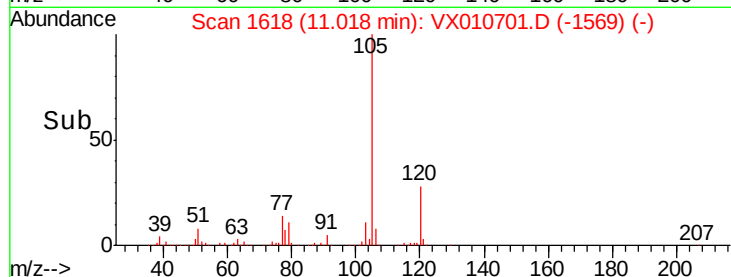
40000

20000

0

Time-->

11.00 11.10



#76

1,2,3-Trichloropropane

Concen: 23.970 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX010701.D

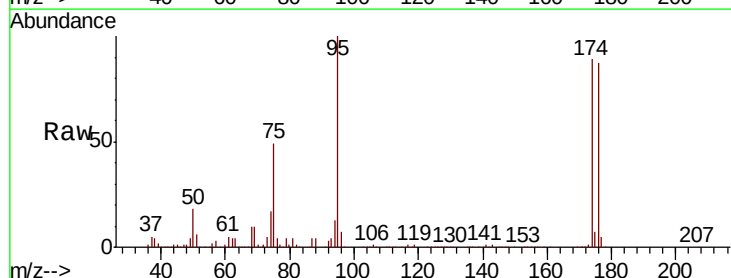
Acq: 08 Jul 2019 17:22

Tgt Ion: 75 Resp: 72485

Ion Ratio Lower Upper

75 100

77 1.4 22.6 67.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

11.13

60000

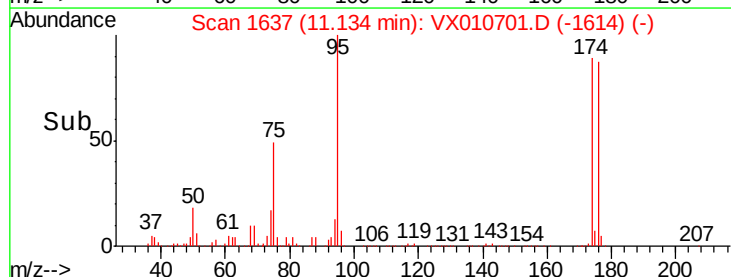
40000

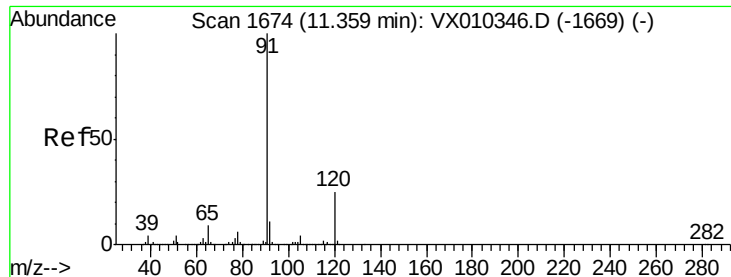
20000

0

Time-->

11.05 11.10 11.15 11.20





#78

n-propylbenzene

Concen: 11.258 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010701.D

Acq: 08 Jul 2019 17:22

Instrument :

MSVOA_X

ClientSampleId :

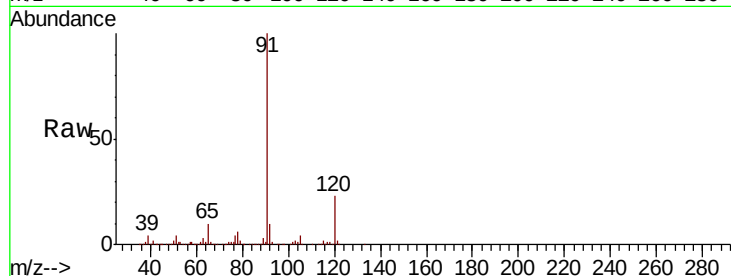
FL-0579DL

Tot Ion: 91 Resp: 139182

Ion Ratio Lower Upper

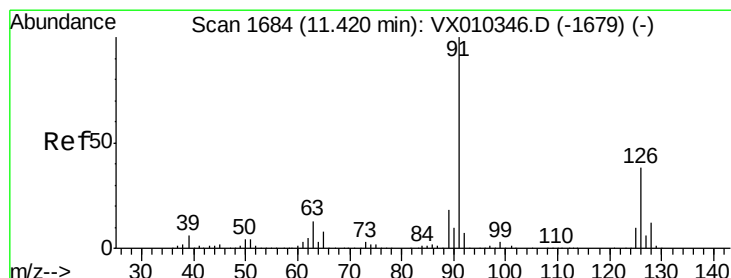
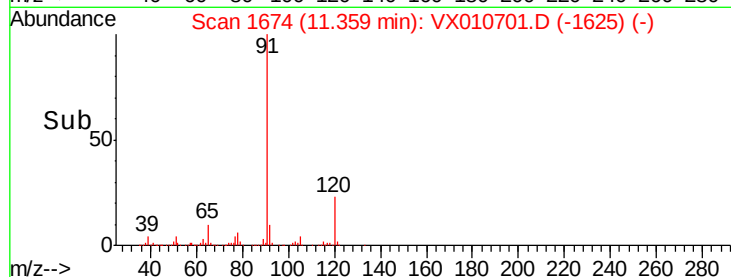
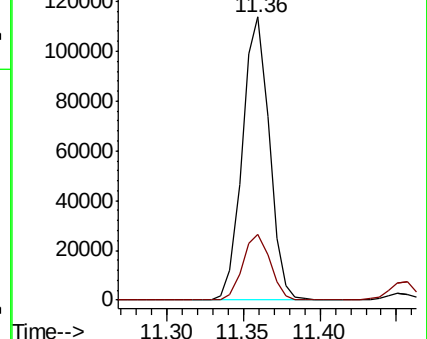
91 100

120 23.8 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 18.905 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.06 min

Lab File: VX010701.D

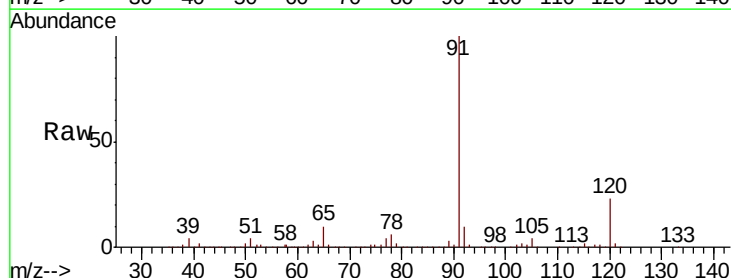
Acq: 08 Jul 2019 17:22

Tgt Ion: 91 Resp: 139182

Ion Ratio Lower Upper

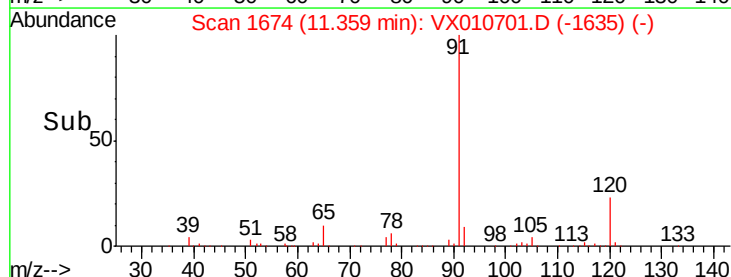
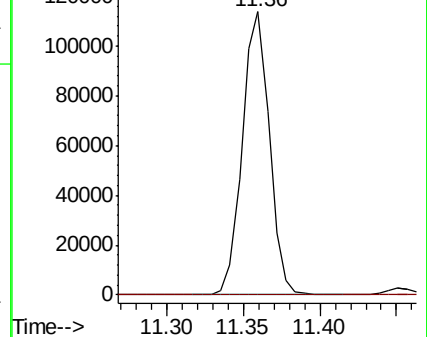
91 100

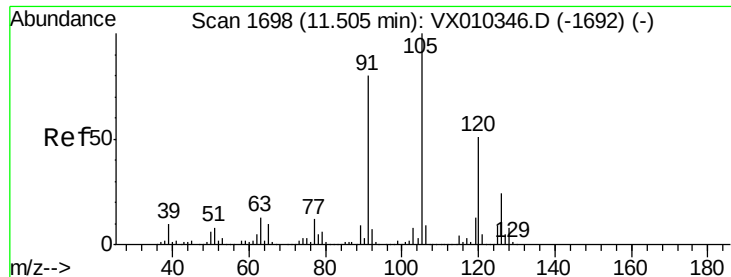
126 0.0 18.7 56.1#



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: 3.165 ug/l

RT: 11.45 min Scan# 1689

Delta R.T. -0.05 min

Lab File: VX010701.D

Acq: 08 Jul 2019 17:22

Instrument :

MSVOA_X

ClientSampled :

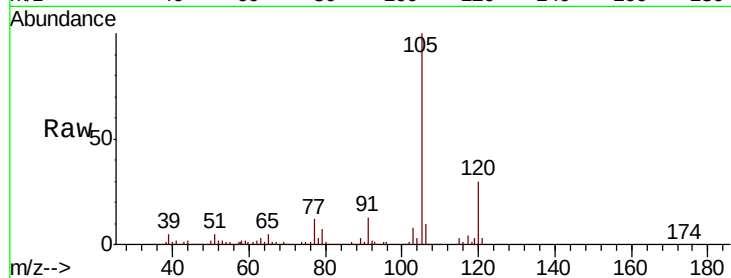
FL-0579DL

Tot Ion:105 Resp: 29349

Ion Ratio Lower Upper

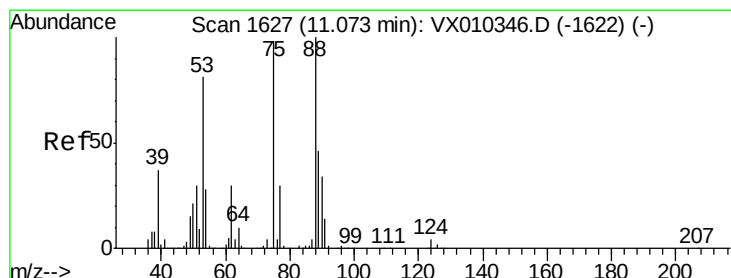
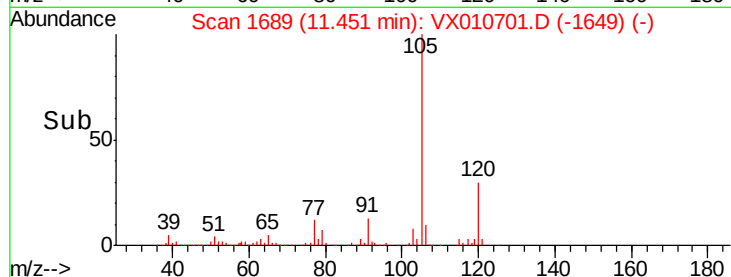
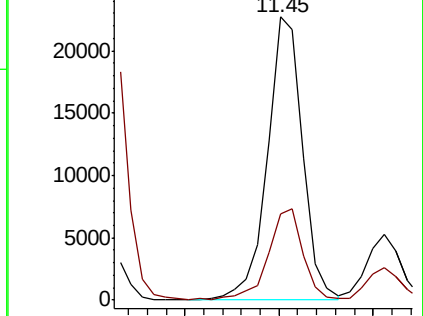
105 100

120 30.7 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 55.919 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX010701.D

Acq: 08 Jul 2019 17:22

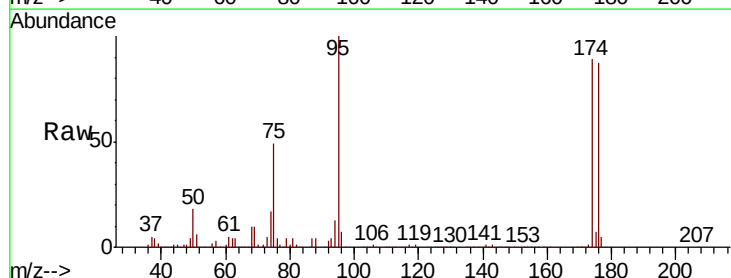
Tgt Ion: 75 Resp: 72485

Ion Ratio Lower Upper

75 100

53 0.2 66.1 99.1#

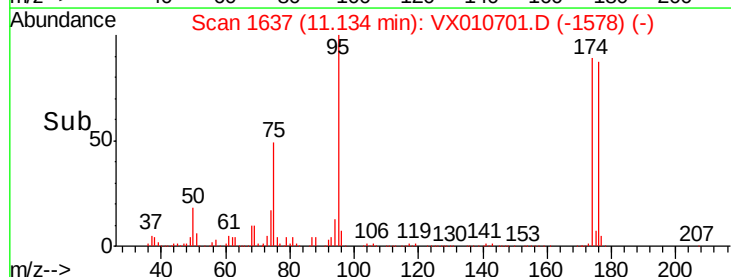
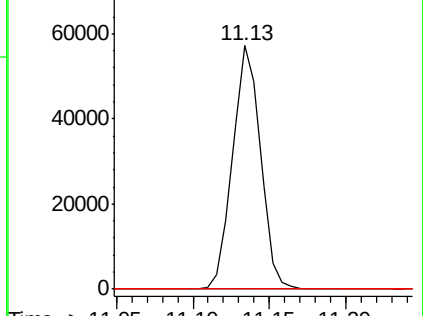
89 0.0 37.8 56.6#

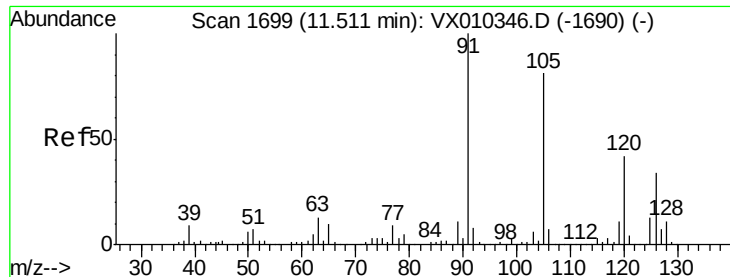


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

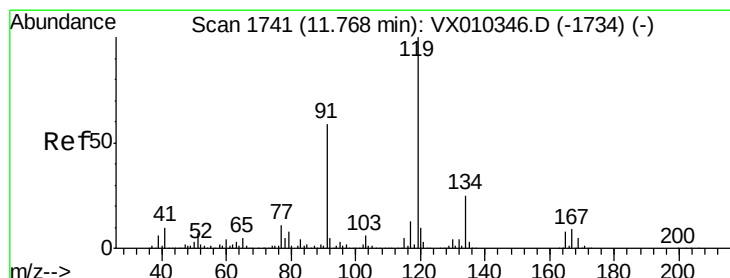
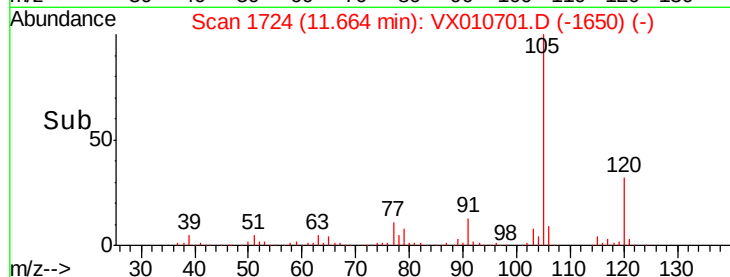
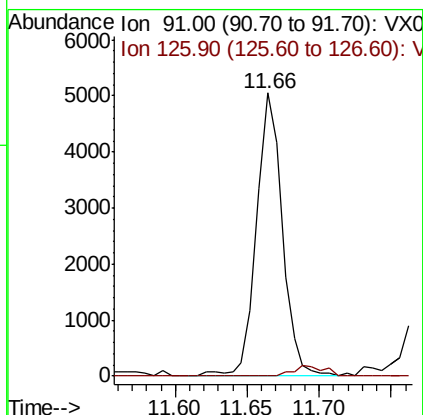
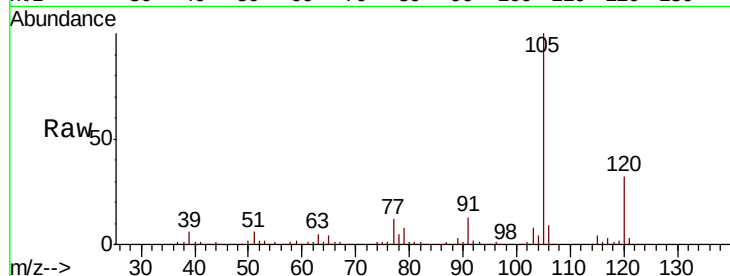




#82
4-Chlorotoluene
Concen: 0.748 ug/l
RT: 11.66 min Scan# 1724
Delta R.T. 0.15 min
Lab File: VX010701.D
Acq: 08 Jul 2019 17:22

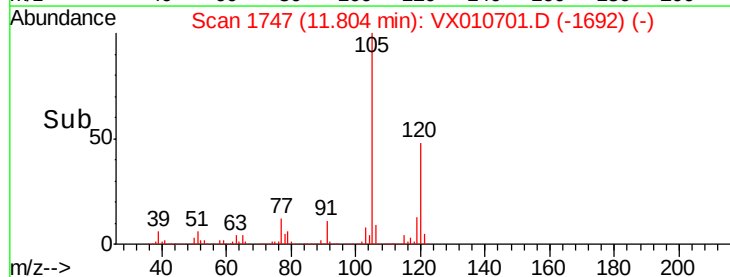
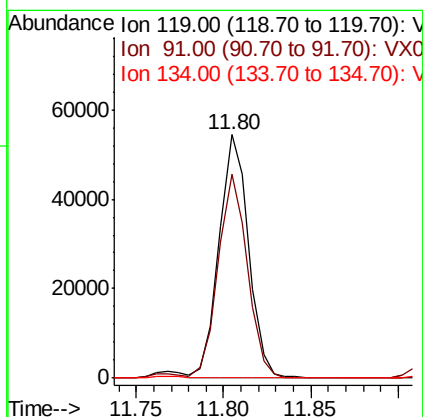
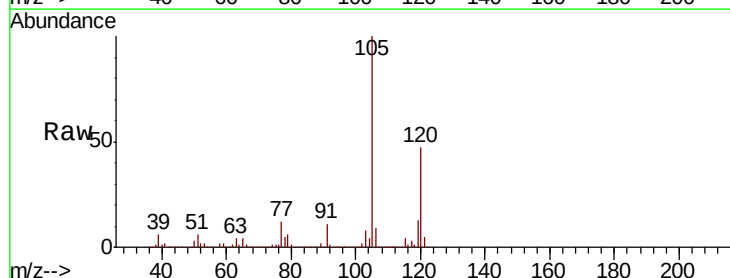
Instrument :
MSVOA_X
ClientSampleId :
FL-0579DL

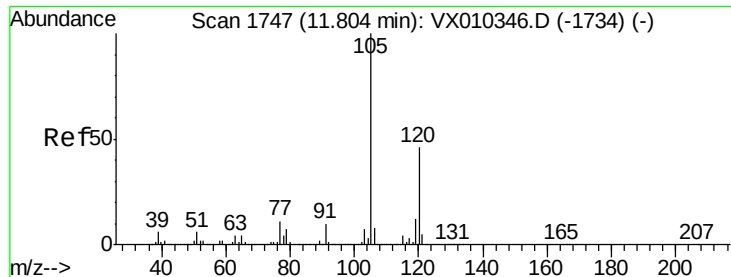
Tot Ion: 91 Resp: 6269
Ion Ratio Lower Upper
91 100
126 0.0 16.2 48.6#



#83
tert-Butylbenzene
Concen: 6.865 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.04 min
Lab File: VX010701.D
Acq: 08 Jul 2019 17:22

Tgt Ion: 119 Resp: 63897
Ion Ratio Lower Upper
119 100
91 85.3 27.6 82.7#
134 0.0 11.8 35.4#





#84

1,2,4-Trimethylbenzene

Concen: 54.972 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX010701.D

Acq: 08 Jul 2019 17:22

Instrument :

MSVOA_X

ClientSampleId :

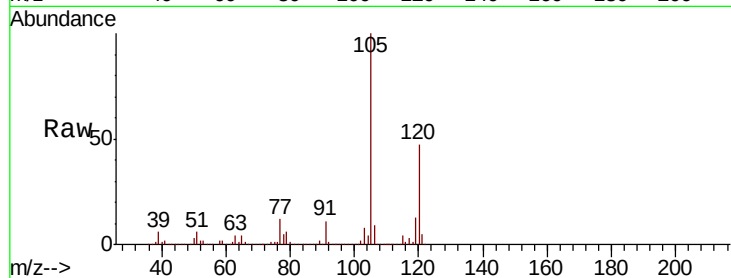
FL-0579DL

Tot Ion:105 Resp: 512183

Ion Ratio Lower Upper

105 100

120 47.2 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.80

400000

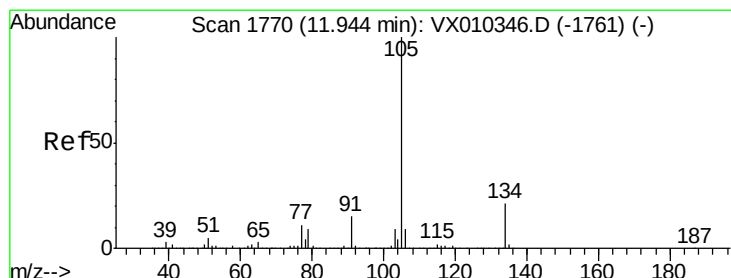
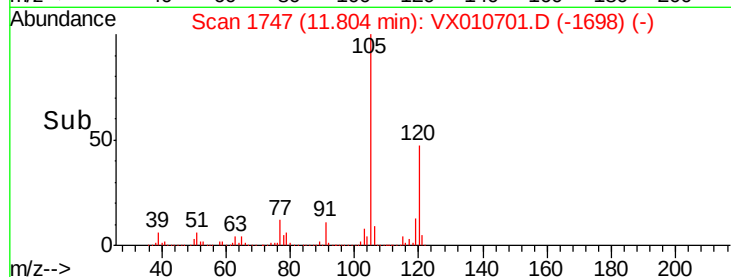
300000

200000

100000

0

Time-->



#85

sec-Butylbenzene

Concen: 1.971 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010701.D

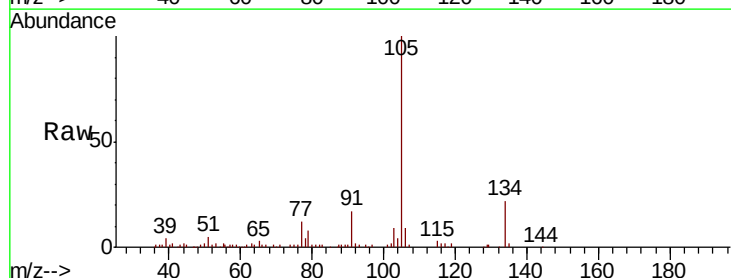
Acq: 08 Jul 2019 17:22

Tgt Ion:105 Resp: 21536

Ion Ratio Lower Upper

105 100

134 29.0 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

20000

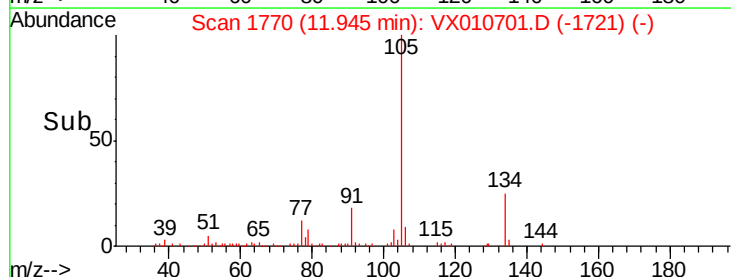
15000

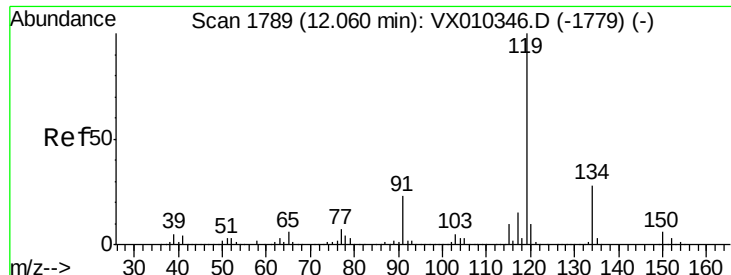
10000

5000

0

Time-->

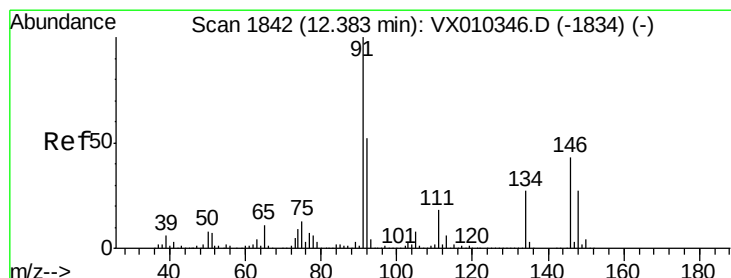
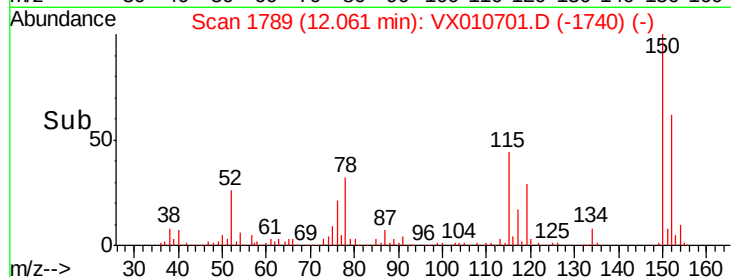
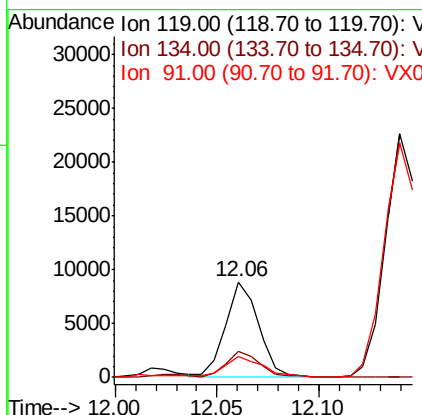
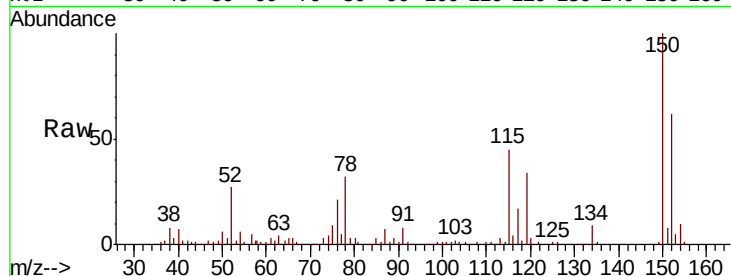




#86
p-Isopropyltoluene
Concen: 1.000 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX010701.D
Acq: 08 Jul 2019 17:22

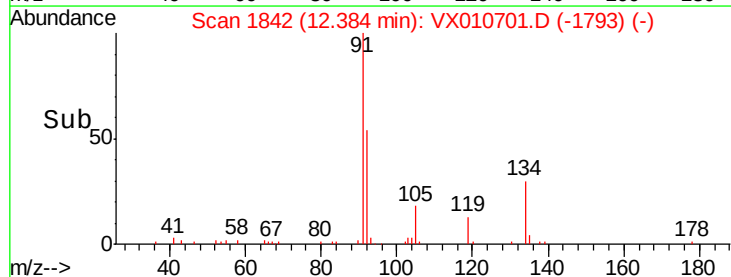
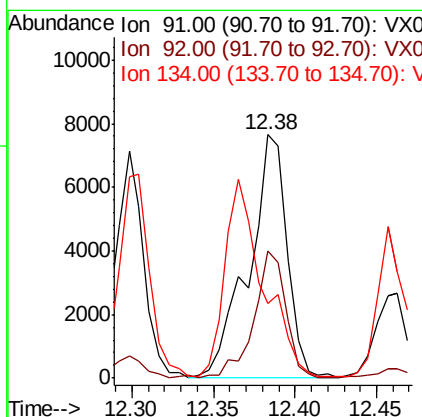
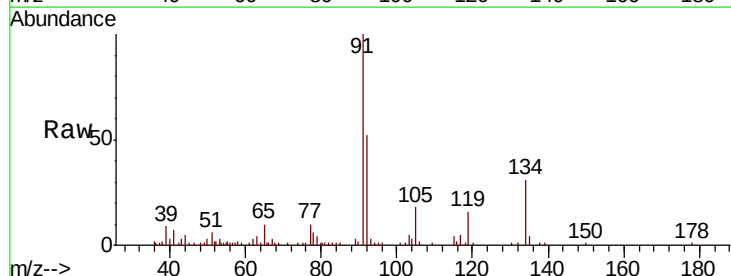
Instrument :
MSVOA_X
ClientSampleId :
FL-0579DL

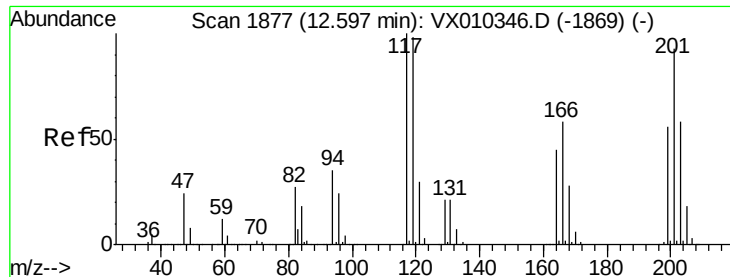
Tot Ion:119 Resp: 10108
Ion Ratio Lower Upper
119 100
134 27.2 13.7 41.1
91 23.4 11.3 33.8



#89
n-Butylbenzene
Concen: 1.463 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010701.D
Acq: 08 Jul 2019 17:22

Tgt Ion: 91 Resp: 12568
Ion Ratio Lower Upper
91 100
92 43.3 26.2 78.5
134 79.4 14.1 42.4#





#90

Hexachloroethane

Concen: 2.570 ug/l

RT: 12.58 min Scan# 1875

Delta R.T. -0.01 min

Lab File: VX010701.D

Acq: 08 Jul 2019 17:22

Instrument :

MSVOA_X

ClientSampled :

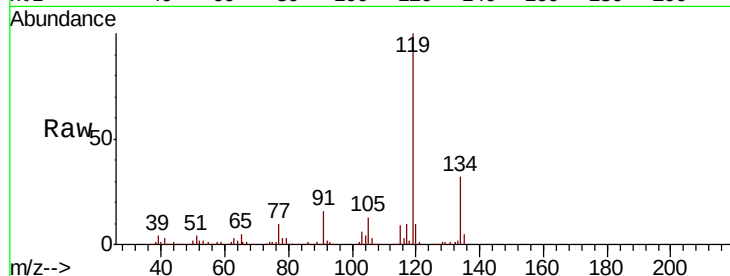
FL-0579DL

Tot Ion:117 Resp: 4492

Ion Ratio Lower Upper

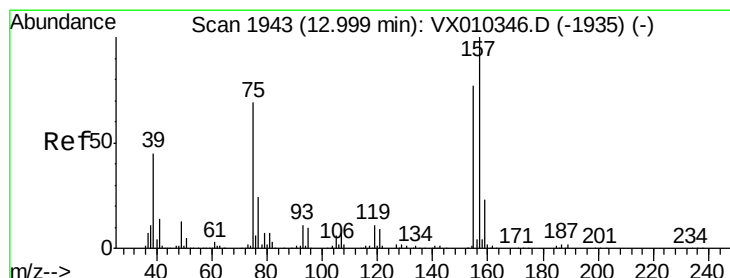
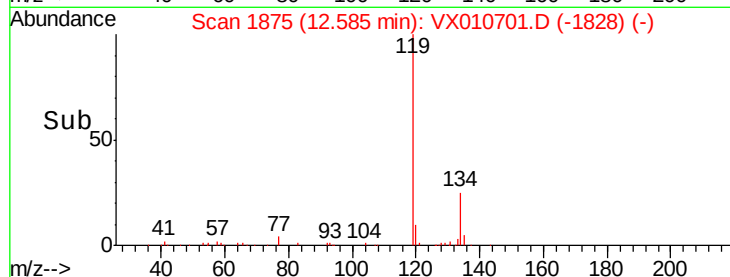
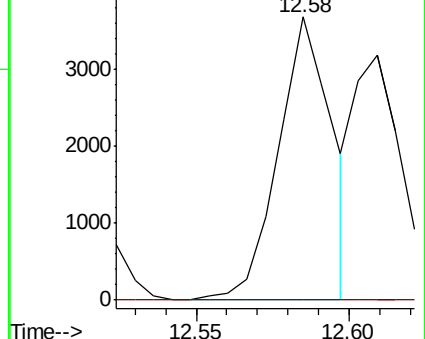
117 100

201 0.0 44.0 131.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.670 ug/l

RT: 13.01 min Scan# 1945

Delta R.T. 0.01 min

Lab File: VX010701.D

Acq: 08 Jul 2019 17:22

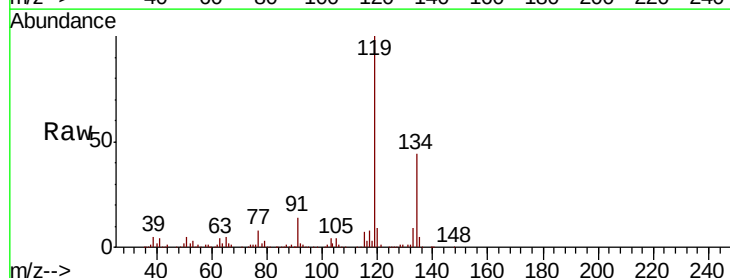
Tgt Ion: 75 Resp: 538

Ion Ratio Lower Upper

75 100

155 0.0 54.4 163.1#

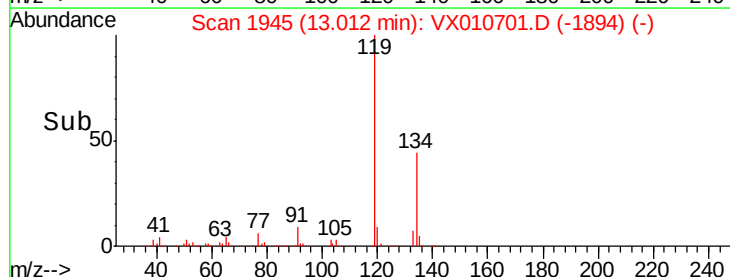
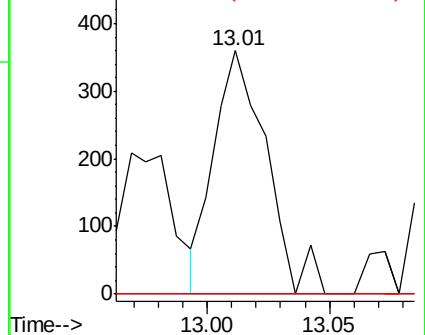
157 0.0 69.5 208.3#

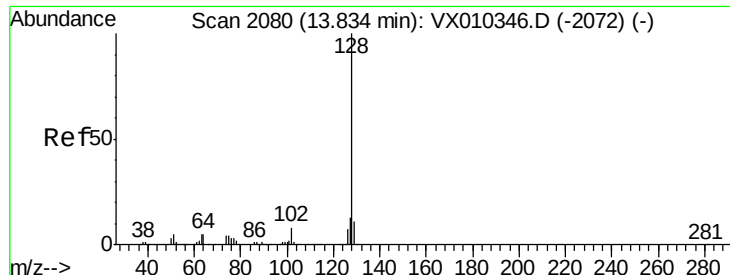


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95
Naphthalene
Concen: 5.180 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010701.D
Acq: 08 Jul 2019 17:22

Instrument :
MSVOA_X
ClientSampleId :
FL-0579DL

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.2	15.4
129	12.0	8.9	13.3

