

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072019\
 Data File : VX011011.D
 Acq On : 19 Jul 2019 18:35
 Operator : JC/SP
 Sample : K3884-01DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0605DL

Quant Time: Jul 20 01:04:44 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	219847	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	345282	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	330996	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	173396	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	120002	51.31	ug/l	0.00
Spiked Amount			Recovery	=	102.62%	
35) Dibromofluoromethane	5.49	113	105092	47.95	ug/l	0.00
Spiked Amount			Recovery	=	95.90%	
50) Toluene-d8	8.71	98	419683	51.06	ug/l	0.00
Spiked Amount			Recovery	=	102.12%	
62) 4-Bromofluorobenzene	11.13	95	162597	53.82	ug/l	0.00
Spiked Amount			Recovery	=	107.64%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.39	85	26	0.557	ug/l #	1
5) Bromomethane	1.64	94	860	0.740	ug/l #	47
6) Chloroethane	1.73	64	454	0.346	ug/l #	41
11) Tert butyl alcohol	3.01	59	22237	40.825	ug/l #	73
13) Acrolein	2.28	56	123	0.391	ug/l #	15
14) Allyl chloride	2.84	41	5703	2.005	ug/l #	65
15) Acrylonitrile	3.17	53	1835	1.667	ug/l #	41
16) Acetone	2.46	43	1728	1.636	ug/l #	88
18) Methyl Acetate	2.83	43	14182	5.896	ug/l #	48
19) Methyl tert-butyl Ether	3.01	73	1270	0.201	ug/l #	86
20) Methylene Chloride	2.86	84	919	0.411	ug/l #	22
25) 2-Butanone	4.70	43	746	0.492	ug/l #	46
29) Tetrahydrofuran	5.10	42	229	0.238	ug/l #	29
31) Cyclohexane	5.57	56	133815	42.139	ug/l	98
36) 1,1-Dichloropropene	5.66	75	15222	5.367	ug/l #	47
38) Carbon Tetrachloride	5.66	117	20757	7.023	ug/l #	16
39) Methylcyclohexane	7.46	83	67917	18.466	ug/l	99
40) Benzene	6.15	78	9895	1.139	ug/l	98
43) Isopropyl Acetate	6.47	43	1194	0.250	ug/l #	67
48) Methyl methacrylate	7.73	41	1804	0.775	ug/l #	40
49) 1,4-Dioxane	7.98	88	41	0.630	ug/l #	1
52) Toluene	8.78	92	20969	3.674	ug/l	98
55) 1,1,2-Trichloroethane	9.16	97	2587	1.101	ug/l #	22
67) Ethyl Benzene	10.25	91	495512	42.821	ug/l	98
68) m/p-Xylenes	10.36	106	561836	126.574	ug/l	99
69) o-Xylene	10.69	106	281959	65.087	ug/l	100
70) Styrene	10.69	104	14318	1.983	ug/l #	1
73) Isopropylbenzene	11.02	105	33355	2.847	ug/l	98
76) 1,2,3-Trichloropropane	11.13	75	83018	26.532	ug/l #	35
78) n-propylbenzene	11.36	91	37370	2.887	ug/l	99
79) 2-Chlorotoluene	11.43	91	24559	3.158	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.51	105	81620	8.337	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.13	75	83018	65.849	ug/l #	11
82) 4-Chlorotoluene	11.51	91	9501	1.050	ug/l #	44

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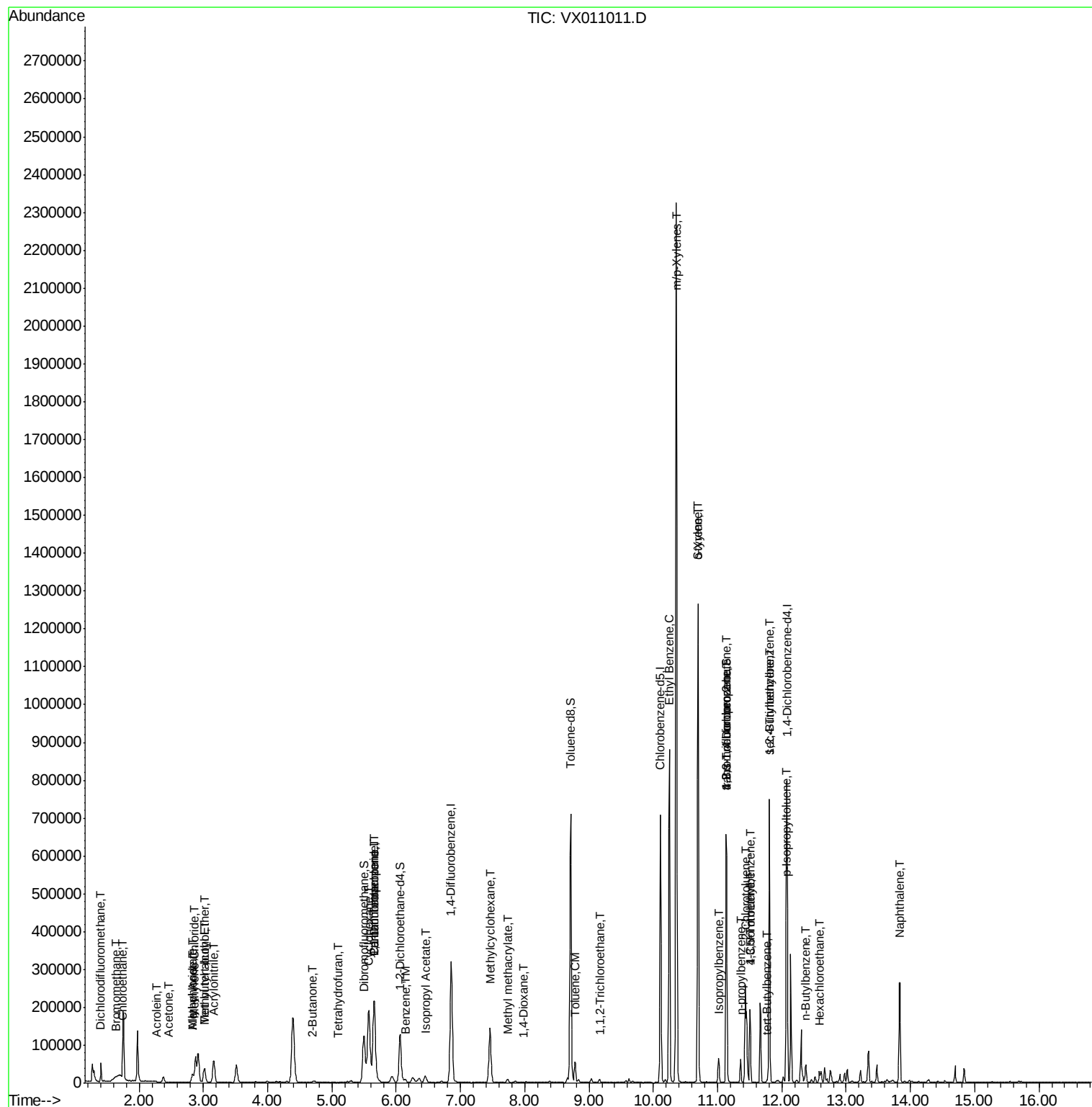
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) tert-Butylbenzene	11.77	119	2924	0.304	ug/l	84
84) 1,2,4-Trimethylbenzene	11.80	105	317263	32.152	ug/l	100
85) sec-Butylbenzene	11.80	105	317224	28.153	ug/l #	55
86) p-Isopropyltoluene	12.06	119	4333	0.416	ug/l	84
89) n-Butylbenzene	12.38	91	6277	0.704	ug/l #	22
90) Hexachloroethane	12.58	117	1271	0.774	ug/l #	6
95) Naphthalene	13.83	128	174850	15.719	ug/l	100

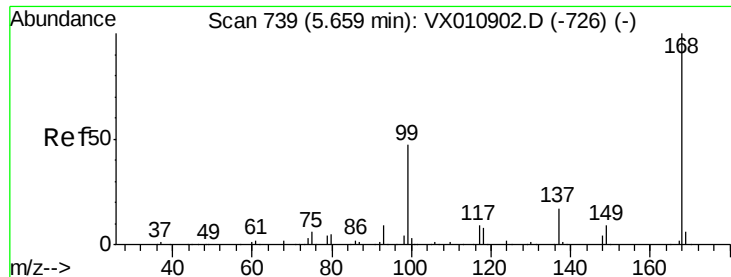
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX011011.D

Acq: 19 Jul 2019 18:35

Instrument :

MSVOA_X

ClientSampled :

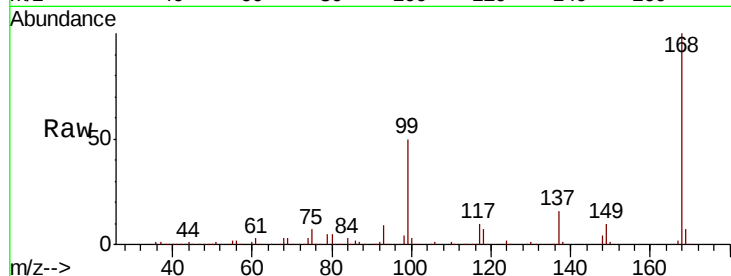
FL-0605DL

Tot Ion:168 Resp: 219847

Ion Ratio Lower Upper

168 100

99 49.7 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

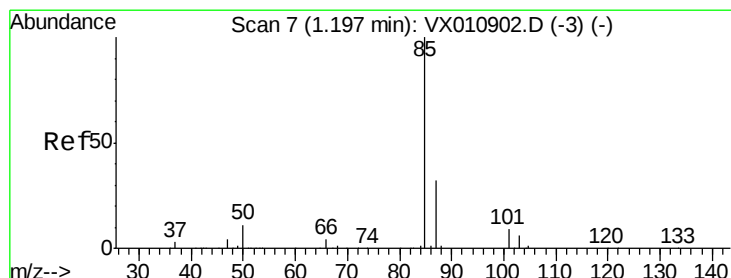
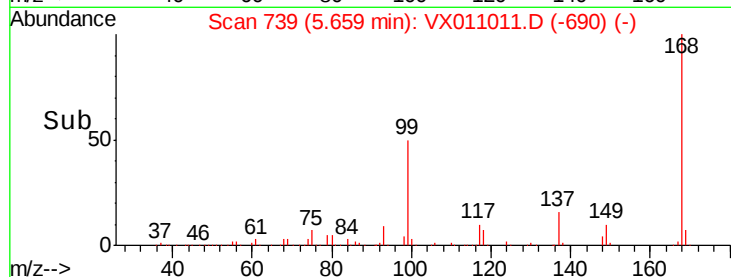
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 0.557 ug/l

RT: 1.39 min Scan# 39

Delta R.T. 0.20 min

Lab File: VX011011.D

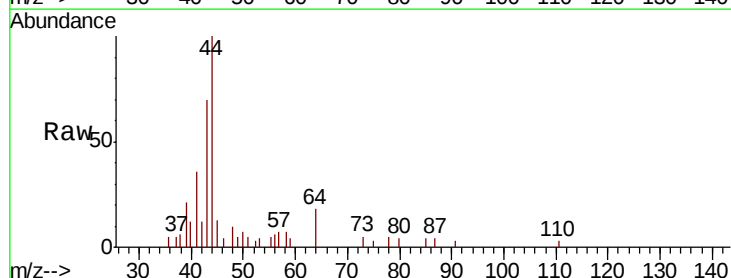
Acq: 19 Jul 2019 18:35

Tgt Ion: 85 Resp: 26

Ion Ratio Lower Upper

85 100

87 90.0 15.9 47.7#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.39

80

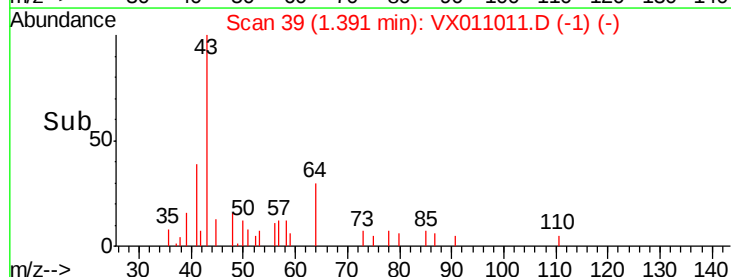
60

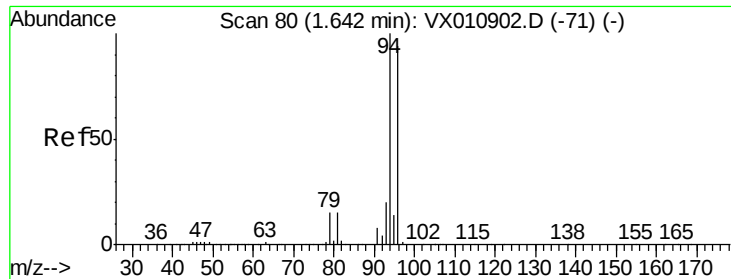
40

20

0

Time--> 1.37 1.38 1.39 1.40 1.41





#5

Bromomethane

Concen: 0.740 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX011011.D

Acq: 19 Jul 2019 18:35

Instrument :

MSVOA_X

ClientSampleId :

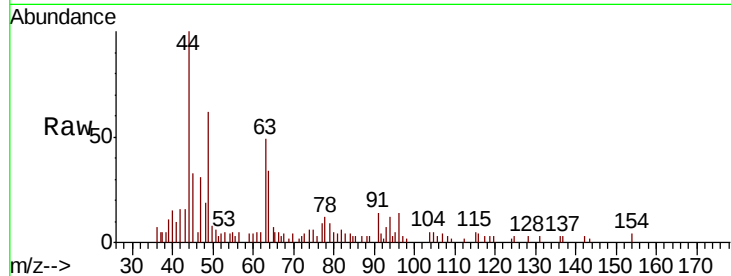
FL-0605DL

Tot Ion: 94 Resp: 860

Ion Ratio Lower Upper

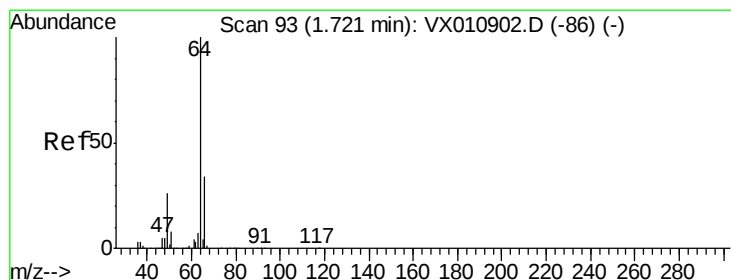
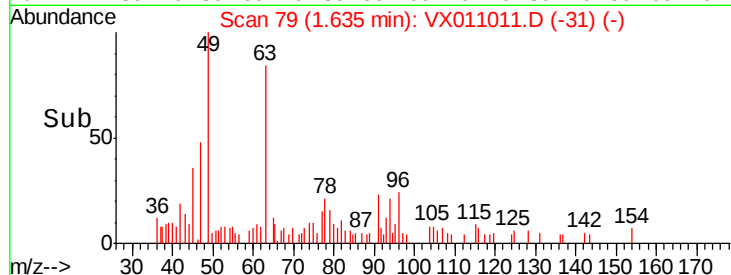
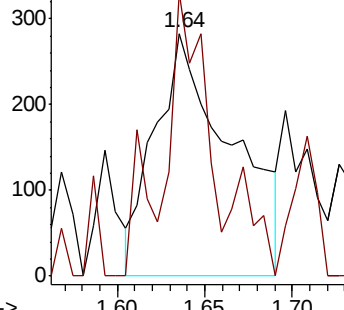
94 100

96 145.4 75.6 113.4#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 0.346 ug/l

RT: 1.73 min Scan# 95

Delta R.T. 0.01 min

Lab File: VX011011.D

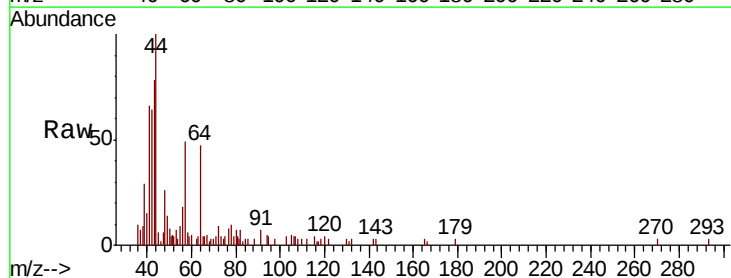
Acq: 19 Jul 2019 18:35

Tgt Ion: 64 Resp: 454

Ion Ratio Lower Upper

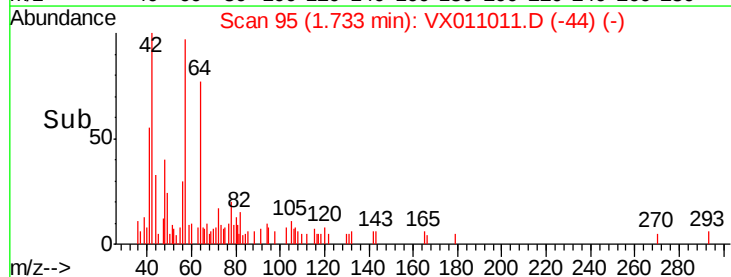
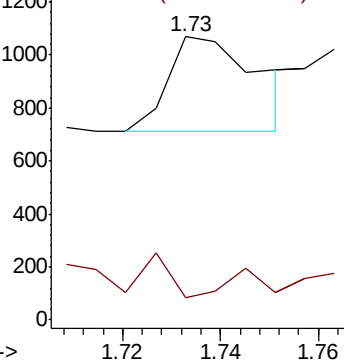
64 100

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

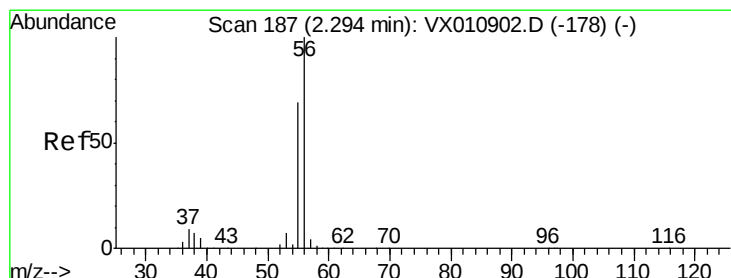
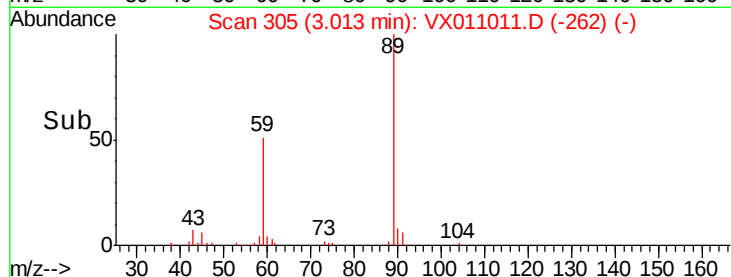
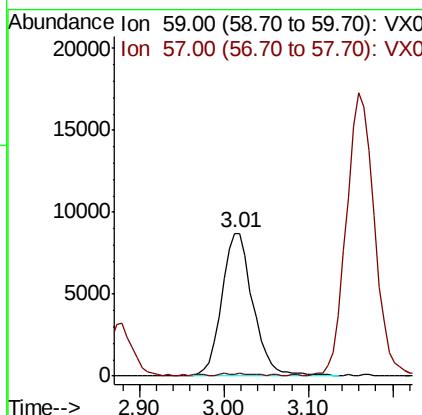
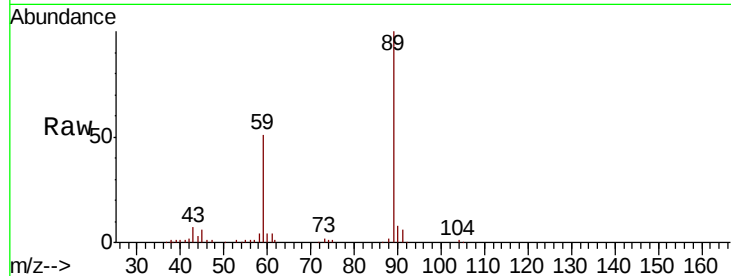




#11
Tert butvl alcohol
Concen: 40.825 ug/l
RT: 3.01 min Scan# 305
Delta R.T. -0.04 min
Lab File: VX011011.D
Acq: 19 Jul 2019 18:35

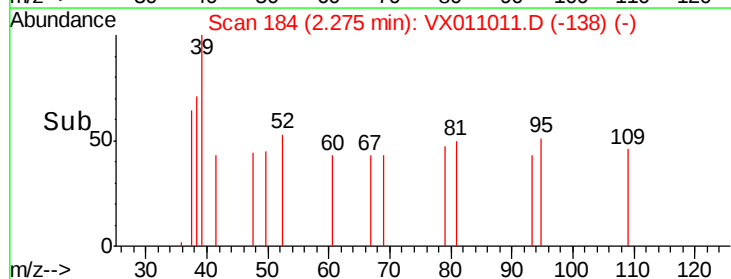
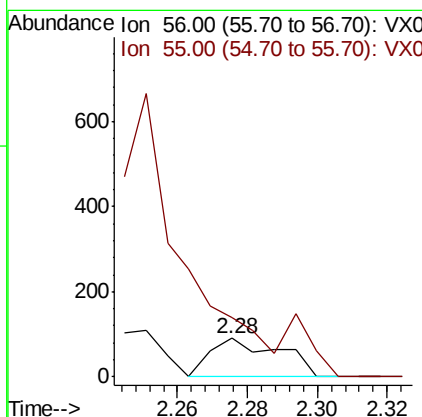
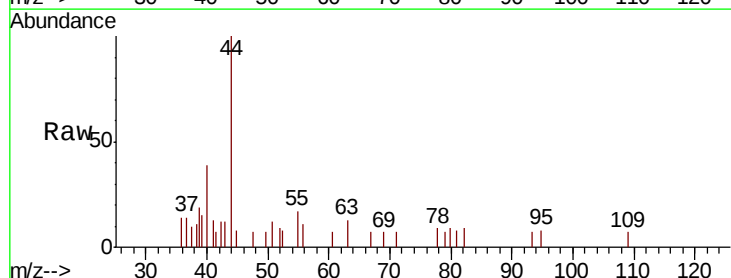
Instrument :
MSVOA_X
ClientSampled :
FL-0605DL

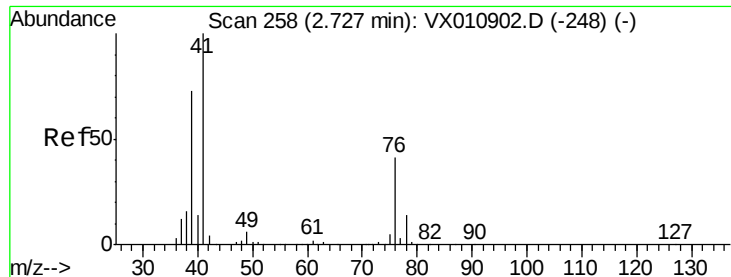
Tot Ion: 59 Resp: 22237
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#



#13
Acrolein
Concen: 0.391 ug/l
RT: 2.28 min Scan# 184
Delta R.T. -0.02 min
Lab File: VX011011.D
Acq: 19 Jul 2019 18:35

Tgt Ion: 56 Resp: 123
Ion Ratio Lower Upper
56 100
55 0.0 55.9 83.9#

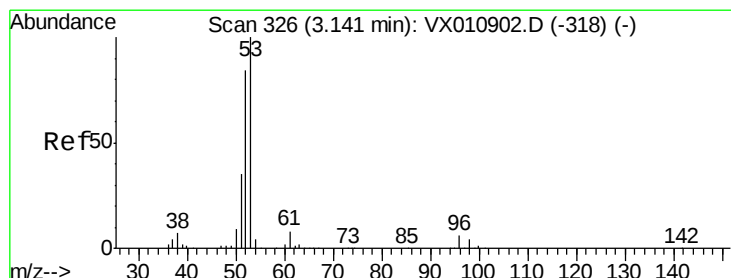
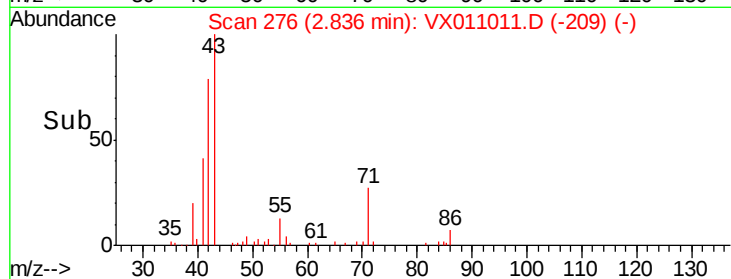
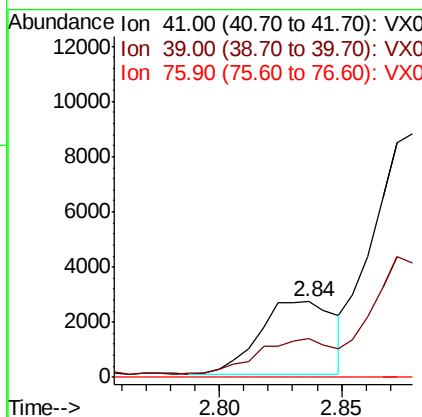
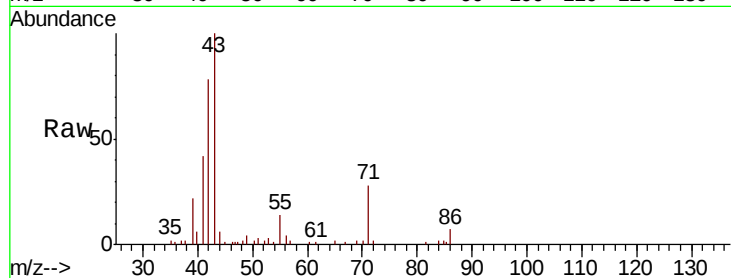




#14
 Allvl chloride
 Concen: 2.005 ug/l
 RT: 2.84 min Scan# 276
 Delta R.T. 0.11 min
 Lab File: VX011011.D
 Acq: 19 Jul 2019 18:35

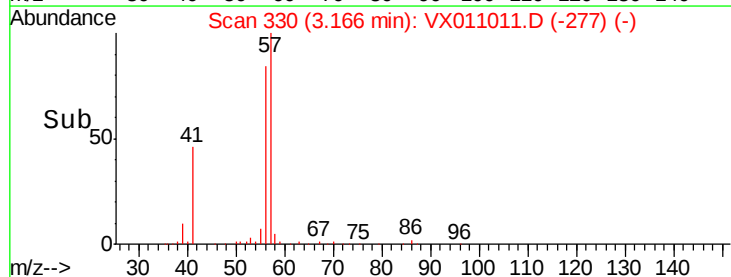
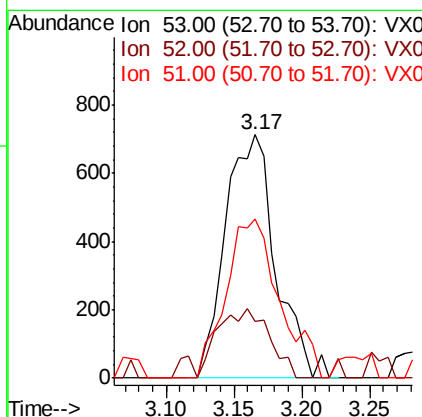
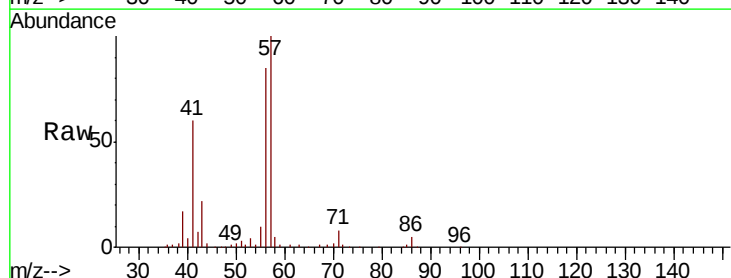
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0605DL

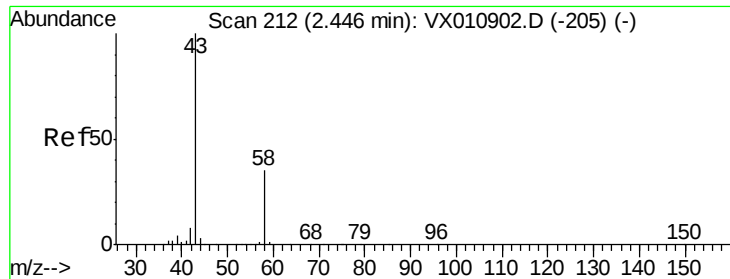
Tot Ion: 41 Resp: 5703
 Ion Ratio Lower Upper
 41 100
 39 50.5 53.6 80.4#
 76 0.0 29.7 44.5#



#15
 Acrylonitrile
 Concen: 1.667 ug/l
 RT: 3.17 min Scan# 330
 Delta R.T. 0.02 min
 Lab File: VX011011.D
 Acq: 19 Jul 2019 18:35

Tgt Ion: 53 Resp: 1835
 Ion Ratio Lower Upper
 53 100
 52 29.2 66.5 99.7#
 51 69.5 28.2 42.4#





#16

Acetone

Concen: 1.636 ug/l

RT: 2.46 min Scan# 214

Delta R.T. 0.01 min

Lab File: VX011011.D

Acq: 19 Jul 2019 18:35

Instrument :

MSVOA_X

ClientSampled :

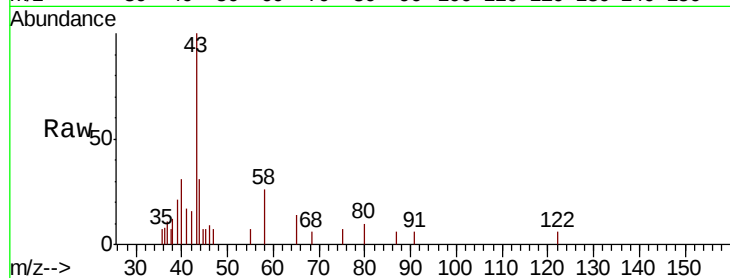
FL-0605DL

Tot Ion: 43 Resp: 1728

Ion Ratio Lower Upper

43 100

58 27.5 27.7 41.5#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

3000

2500

2000

1500

1000

500

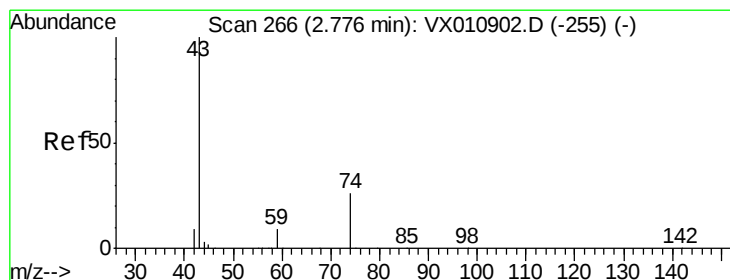
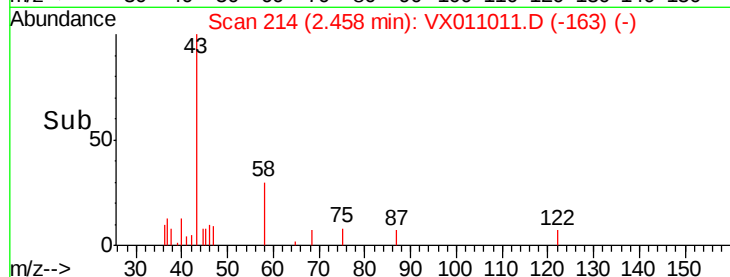
0

2.40

2.45

2.50

Time-->



#18

Methyl Acetate

Concen: 5.896 ug/l

RT: 2.83 min Scan# 275

Delta R.T. 0.05 min

Lab File: VX011011.D

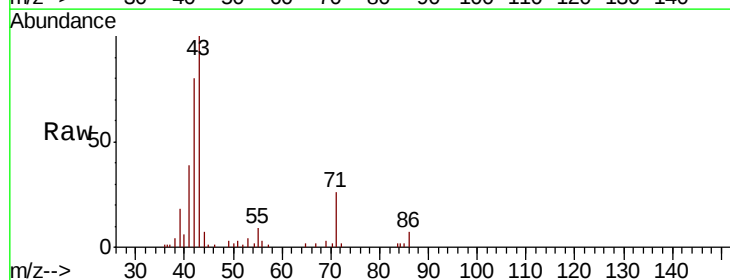
Acq: 19 Jul 2019 18:35

Tgt Ion: 43 Resp: 14182

Ion Ratio Lower Upper

43 100

74 0.0 21.5 32.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

25000

20000

15000

10000

5000

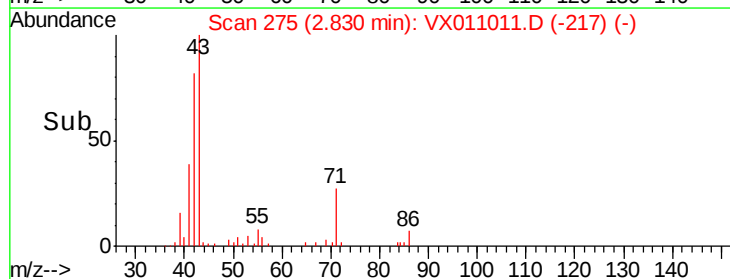
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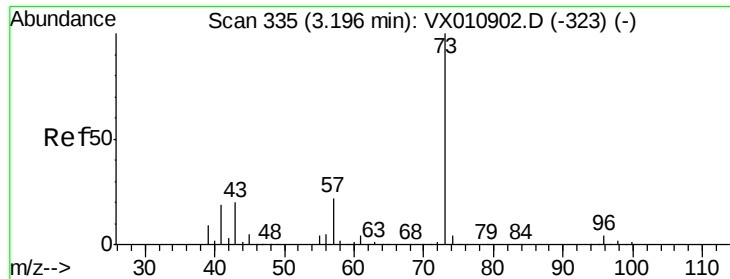
2.75

2.80

2.85

Time-->

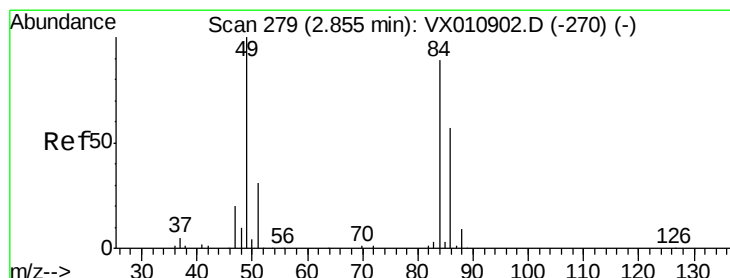
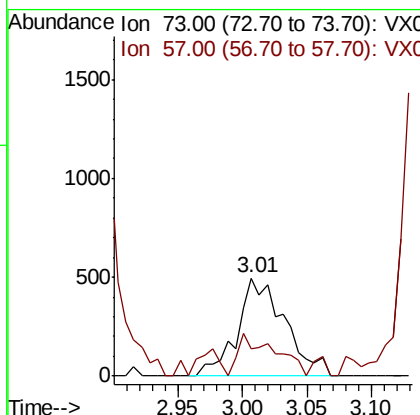
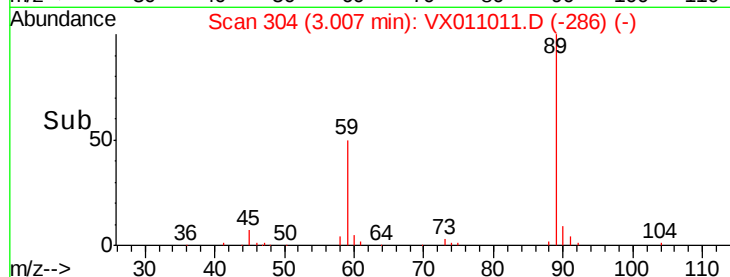
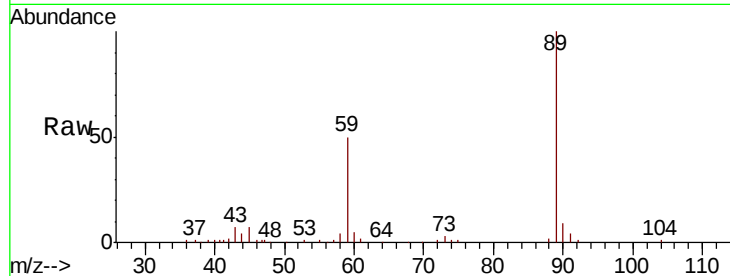




#19
Methyl tert-butyl Ether
Concen: 0.201 ug/l
RT: 3.01 min Scan# 304
Delta R.T. -0.19 min
Lab File: VX011011.D
Acq: 19 Jul 2019 18:35

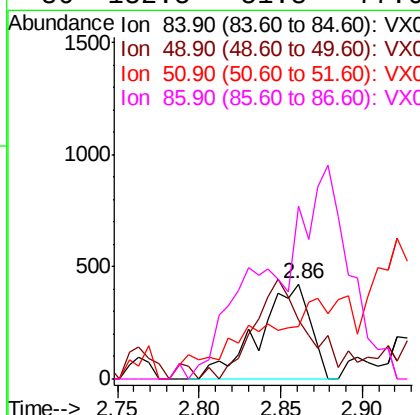
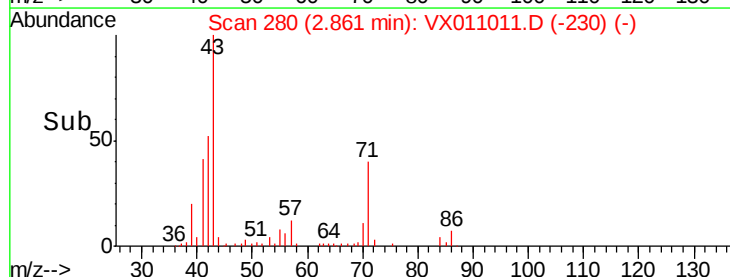
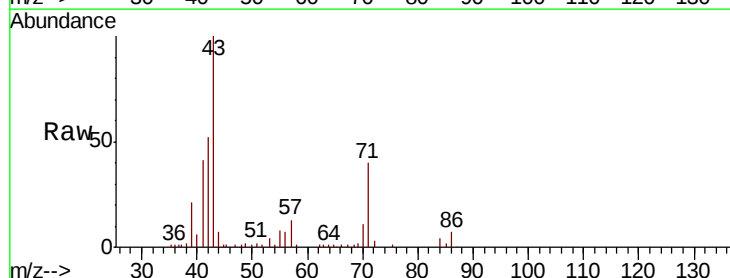
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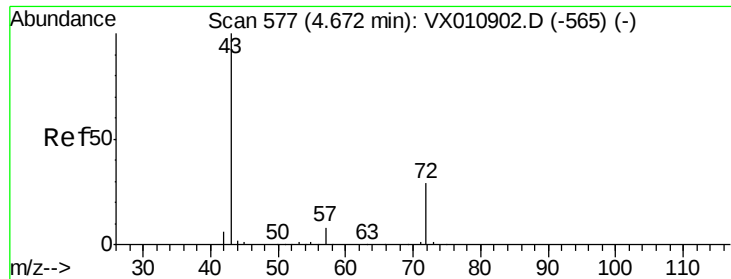
Tot Ion: 73 Resp: 1270
Ion Ratio Lower Upper
73 100
57 28.4 17.3 25.9#



#20
Methylene Chloride
Concen: 0.411 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX011011.D
Acq: 19 Jul 2019 18:35

Tgt Ion: 84 Resp: 919
Ion Ratio Lower Upper
84 100
49 49.9 89.9 134.9#
51 29.8 27.8 41.6
86 182.5 51.8 77.6#





#25

2-Butanone

Concen: 0.492 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.02 min

Lab File: VX011011.D

Acq: 19 Jul 2019 18:35

Instrument :

MSVOA_X

ClientSampled :

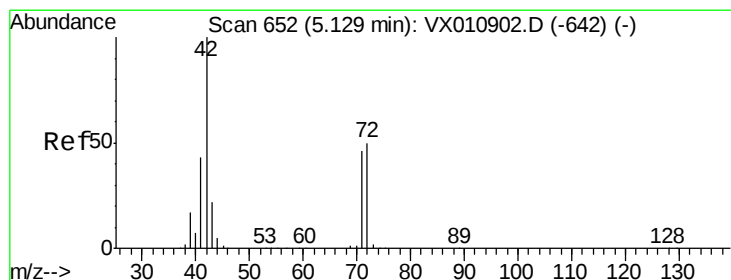
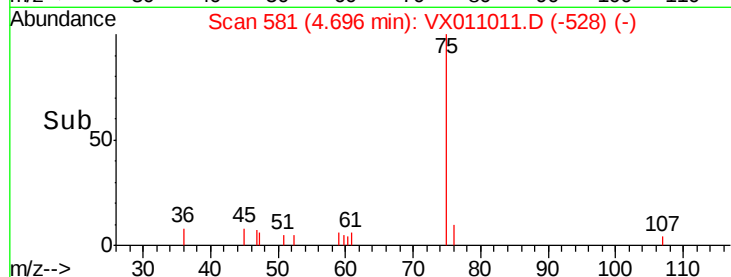
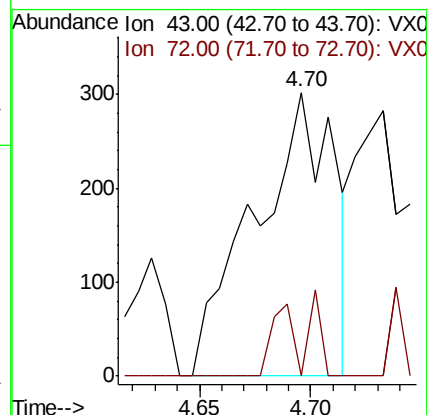
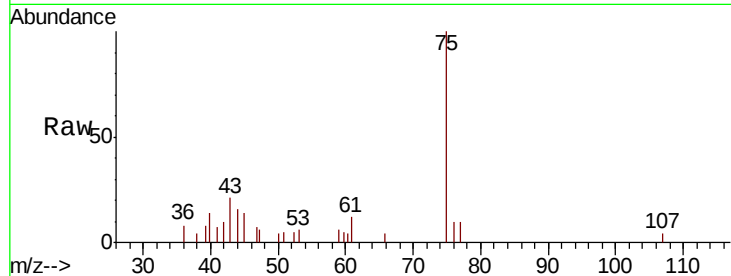
FL-0605DL

Tot Ion: 43 Resp: 746

Ion Ratio Lower Upper

43 100

72 0.0 23.0 34.6#



#29

Tetrahydrofuran

Concen: 0.238 ug/l

RT: 5.10 min Scan# 647

Delta R.T. -0.03 min

Lab File: VX011011.D

Acq: 19 Jul 2019 18:35

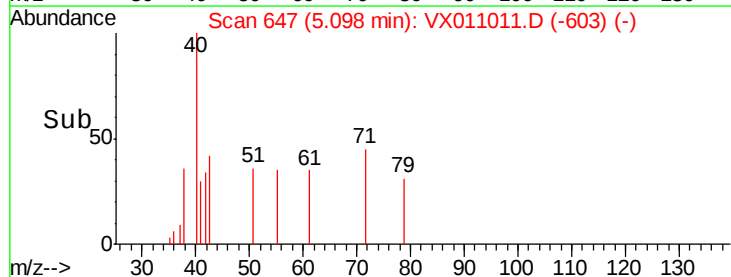
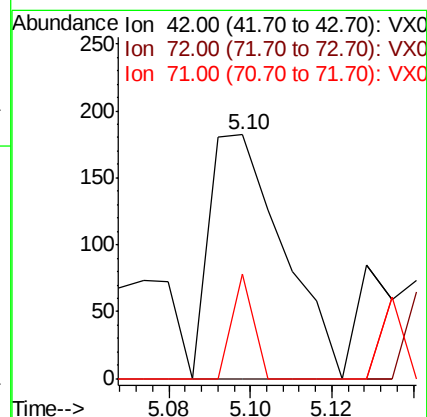
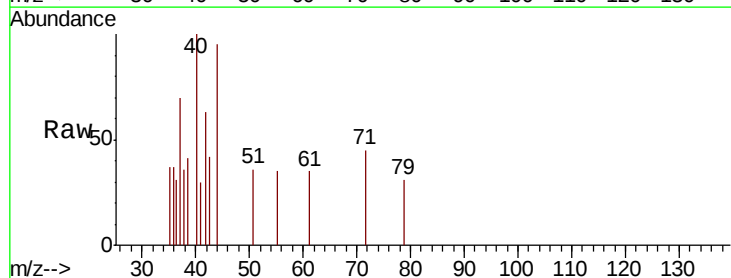
Tgt Ion: 42 Resp: 229

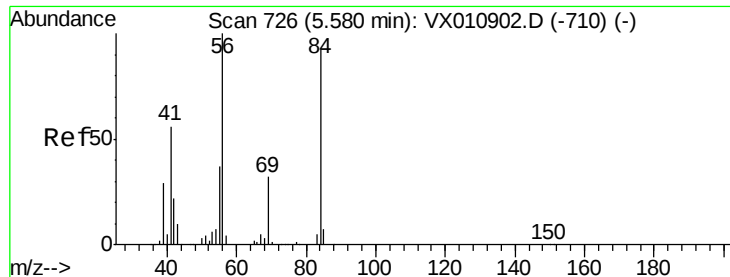
Ion Ratio Lower Upper

42 100

72 0.0 39.8 59.8#

71 0.0 37.0 55.4#





#31

Cvclohexane

Concen: 42.139 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX011011.D

Acq: 19 Jul 2019 18:35

Instrument :

MSVOA_X

ClientSampled :

FL-0605DL

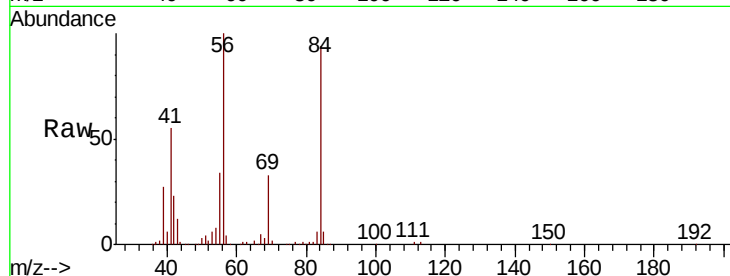
Tot Ion: 56 Resp: 133815

Ion Ratio Lower Upper

56 100

69 32.4 25.8 38.8

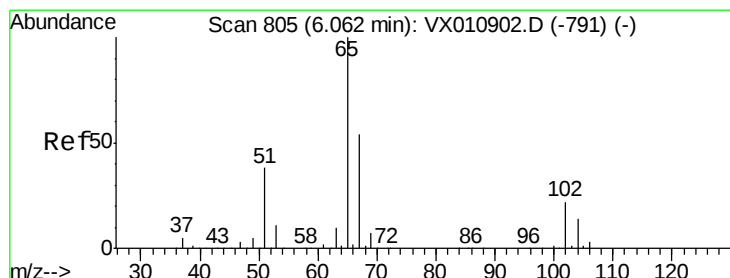
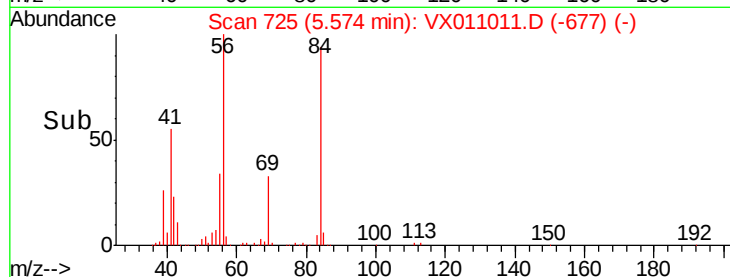
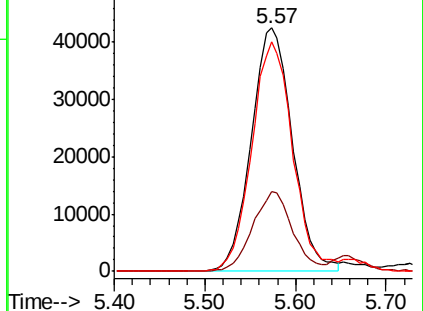
84 94.3 73.8 110.6



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: 51.308 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX011011.D

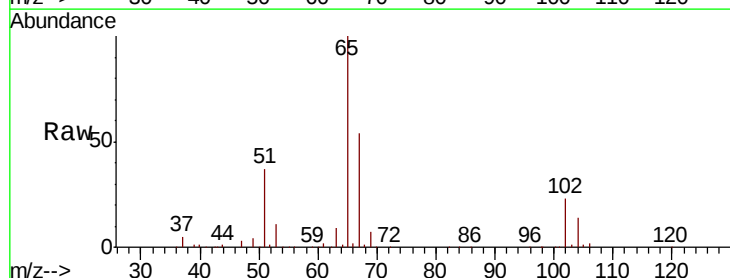
Acq: 19 Jul 2019 18:35

Tgt Ion: 65 Resp: 120002

Ion Ratio Lower Upper

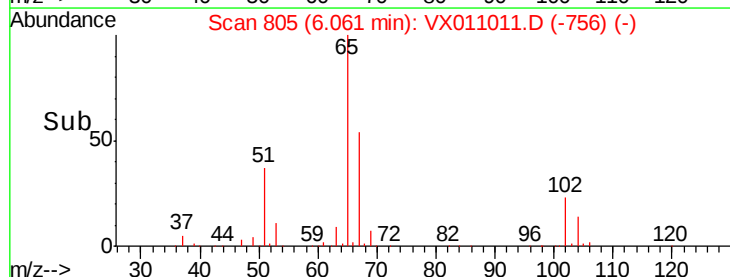
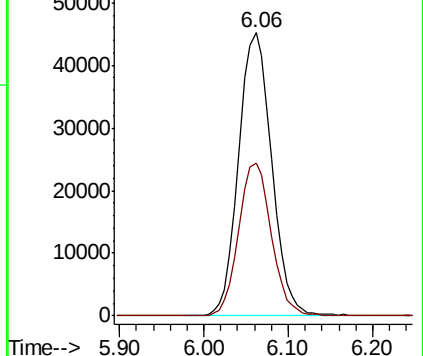
65 100

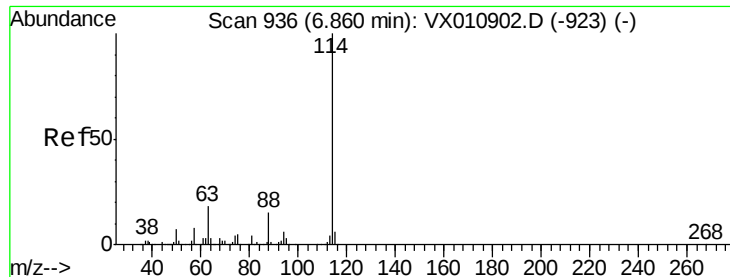
67 52.8 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

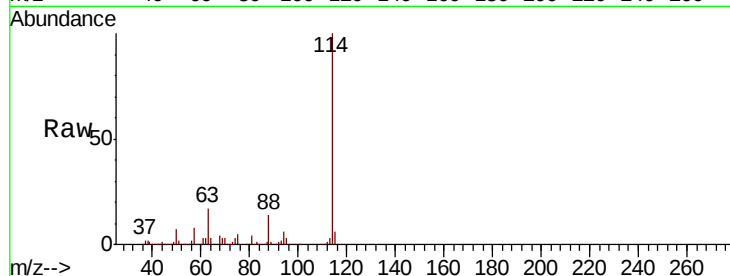




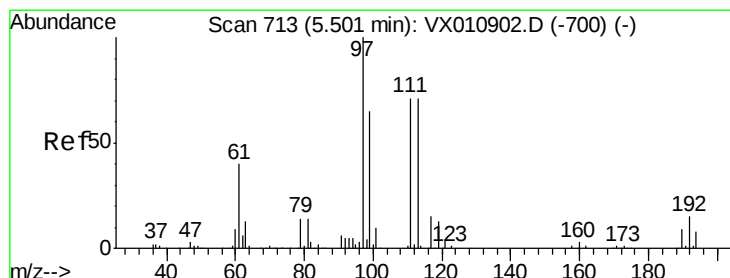
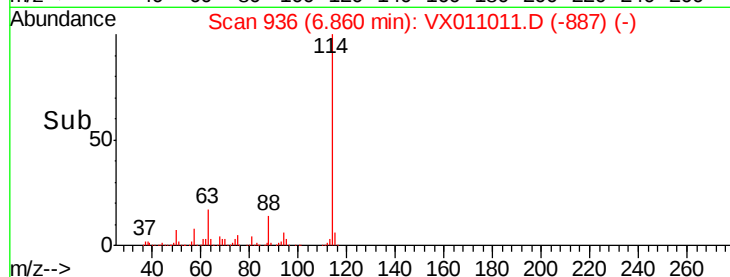
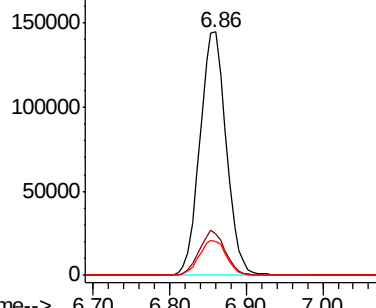
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX011011.D
Acq: 19 Jul 2019 18:35

Instrument :
MSVOA_X
ClientSampleId :
FL-0605DL

Tot Ion:114 Resp: 345282
Ion Ratio Lower Upper
114 100
63 17.2 0.0 35.6
88 14.1 0.0 29.8

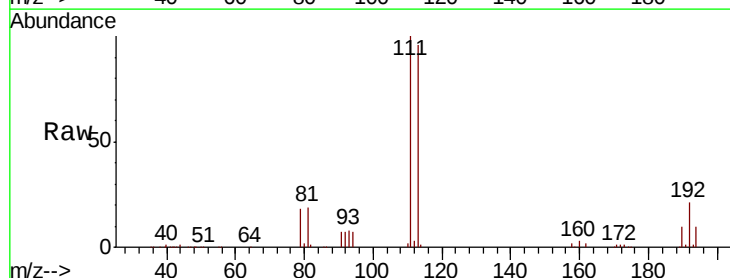


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

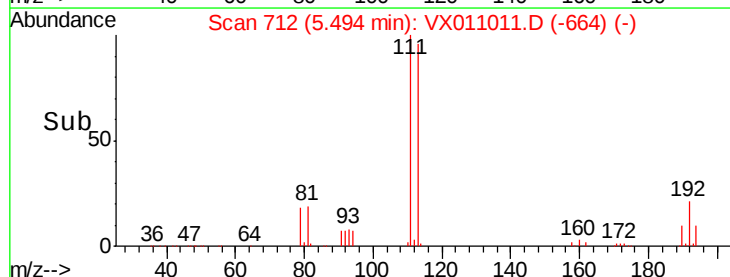
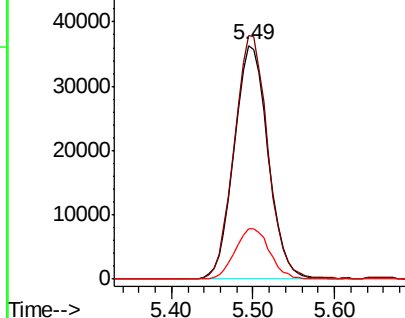


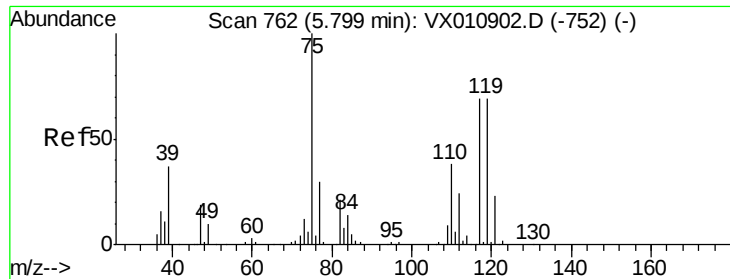
#35
Dibromofluoromethane
Concen: 47.953 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX011011.D
Acq: 19 Jul 2019 18:35

Tgt Ion:113 Resp: 105092
Ion Ratio Lower Upper
113 100
111 103.1 82.3 123.5
192 22.0 17.4 26.2



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

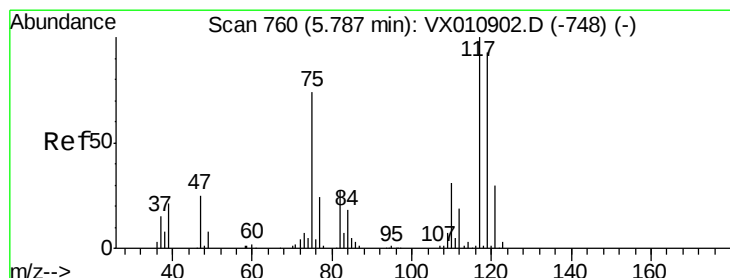
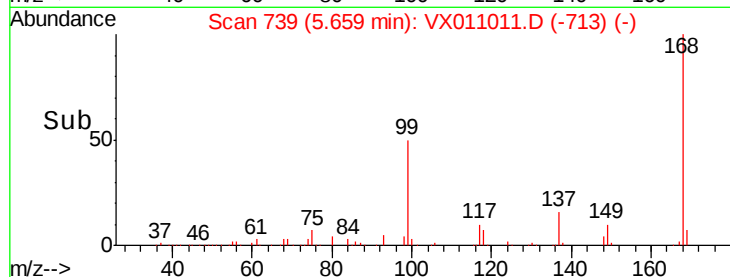
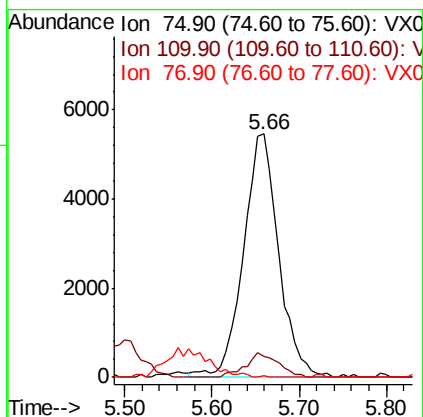
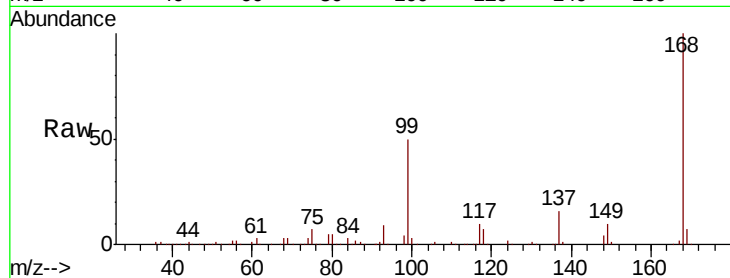




#36
 1,1-Dichloropropene
 Concen: 5.367 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX011011.D
 Acq: 19 Jul 2019 18:35

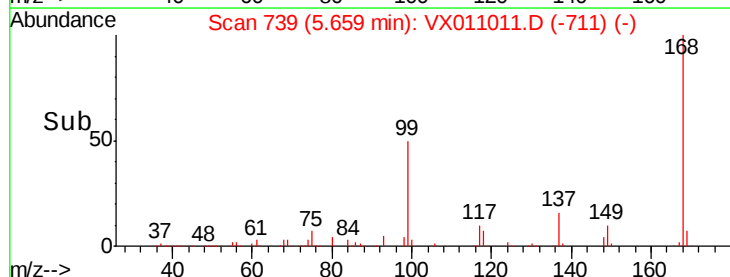
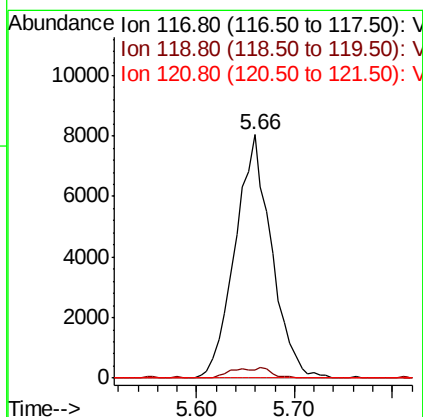
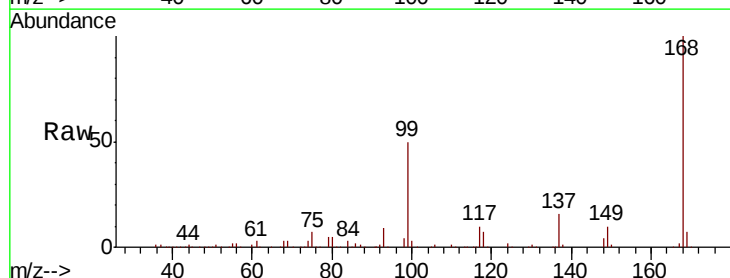
Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0605DL

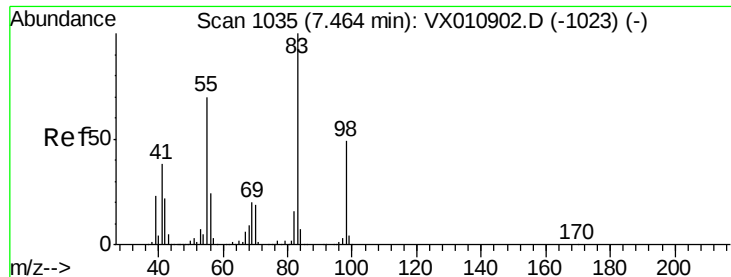
Tot Ion	75	Resp	15222
Ion Ratio	Lower	Upper	
75	100		
110	9.2	19.9	59.7#
77	0.0	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 7.023 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.13 min
 Lab File: VX011011.D
 Acq: 19 Jul 2019 18:35

Tgt Ion	117	Resp	20757
Ion Ratio	Lower	Upper	
117	100		
119	3.4	74.2	111.2#
121	0.0	24.2	36.2#

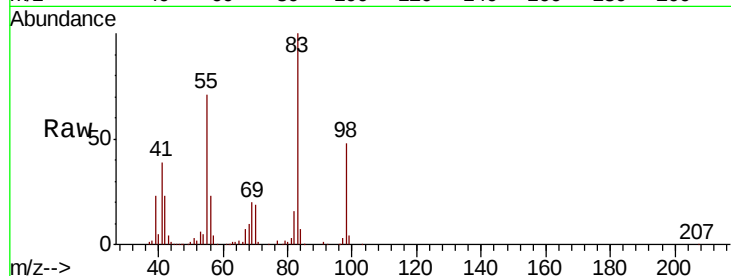




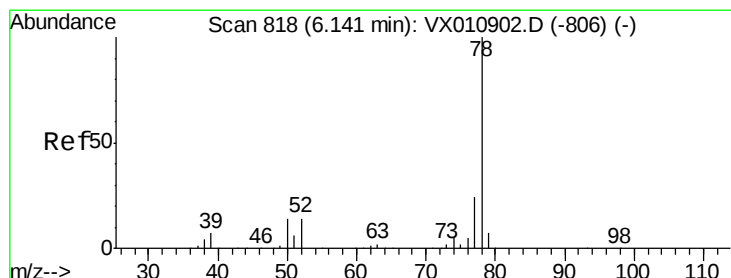
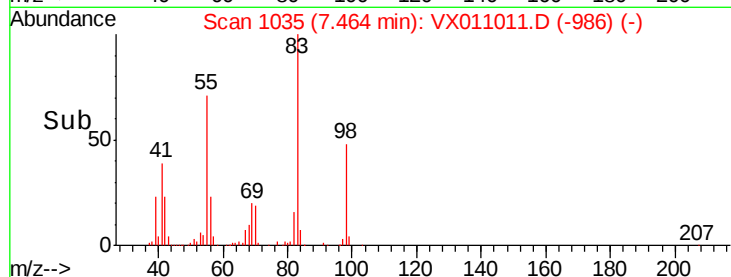
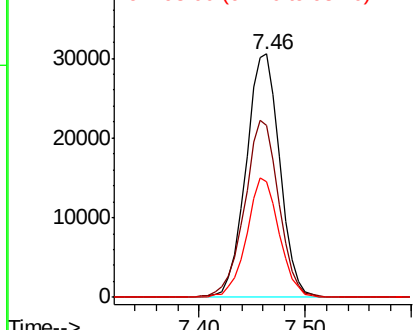
#39
Methvlcvclohexane
Concen: 18.466 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX011011.D
Acq: 19 Jul 2019 18:35

Instrument :
MSVOA_X
ClientSampled :
FL-0605DL

Tot Ion: 83 Resp: 67917
Ion Ratio Lower Upper
83 100
55 70.7 56.2 84.4
98 47.5 39.0 58.4

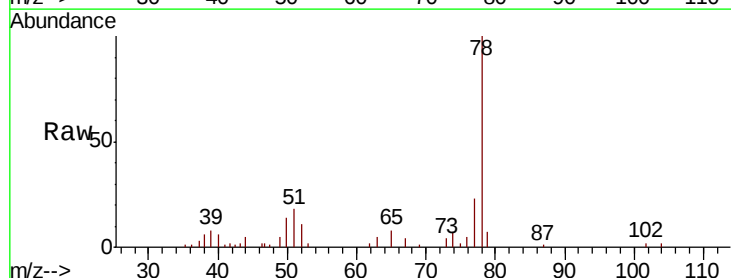


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

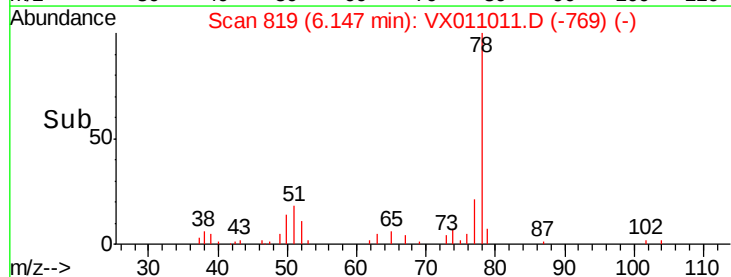
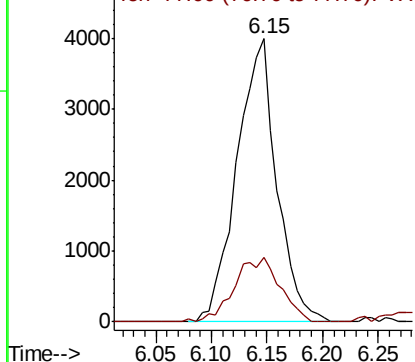


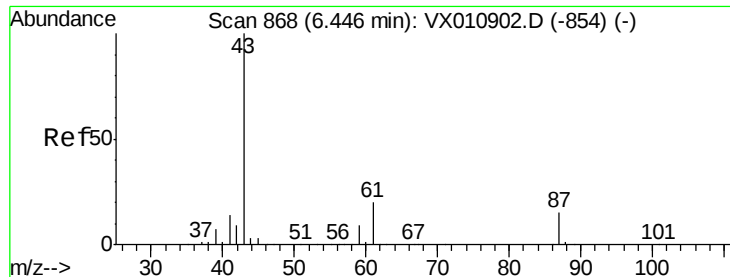
#40
Benzene
Concen: 1.139 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX011011.D
Acq: 19 Jul 2019 18:35

Tgt Ion: 78 Resp: 9895
Ion Ratio Lower Upper
78 100
77 22.9 19.0 28.6



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0



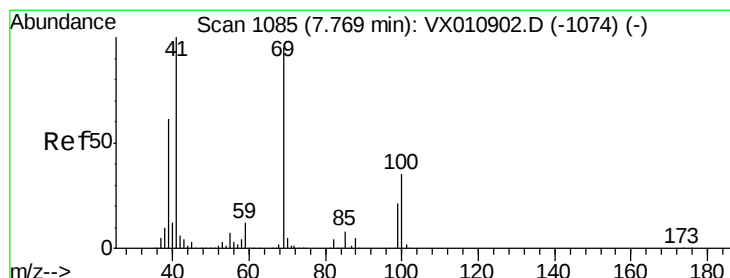
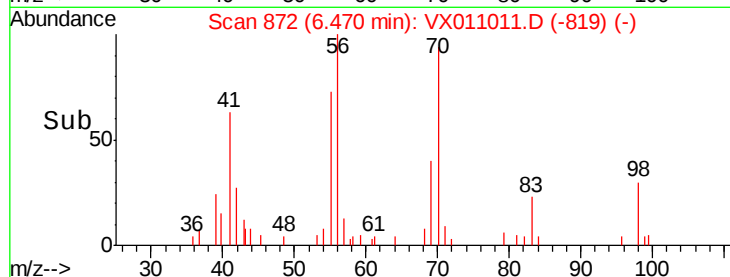
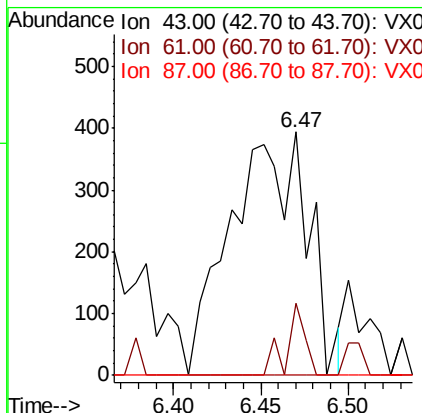
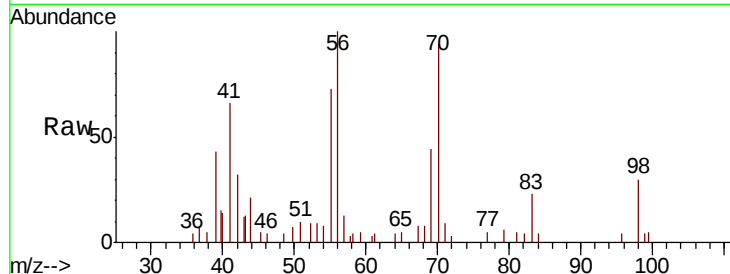


#43

Isopropyl Acetate
 Concen: 0.250 ug/l
 RT: 6.47 min Scan# 872
 Delta R.T. 0.02 min
 Lab File: VX011011.D
 Acq: 19 Jul 2019 18:35

Instrument :
 MSVOA_X
 ClientSampled :
 FL-0605DL

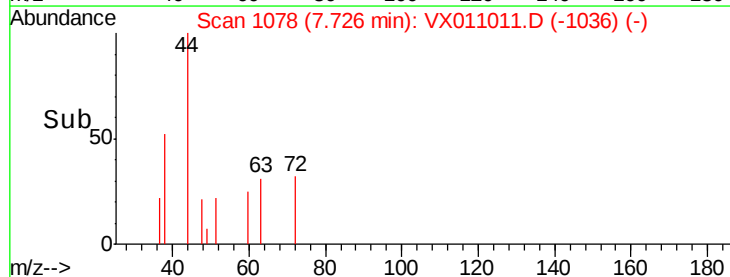
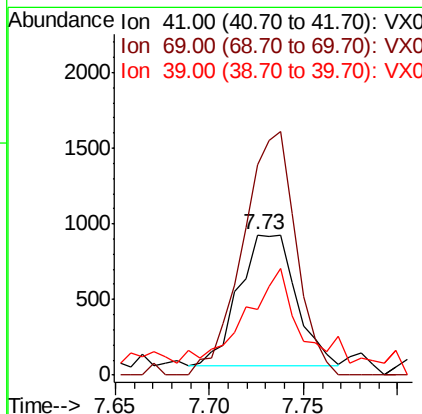
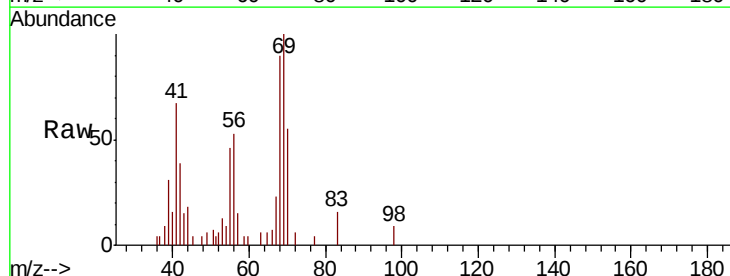
Tot Ion	43	Resp	1194
Ion Ratio	Lower	Upper	
43	100		
61	7.1	17.1	25.7#
87	0.0	12.0	18.0#

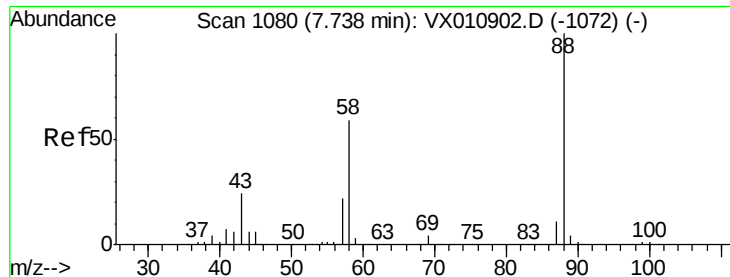


#48

Methyl methacrylate
 Concen: 0.775 ug/l
 RT: 7.73 min Scan# 1078
 Delta R.T. -0.04 min
 Lab File: VX011011.D
 Acq: 19 Jul 2019 18:35

Tgt Ion	41	Resp	1804
Ion Ratio	Lower	Upper	
41	100		
69	174.3	74.4	111.6#
39	77.5	48.9	73.3#

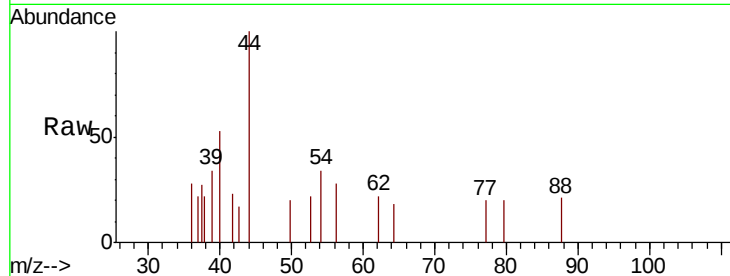




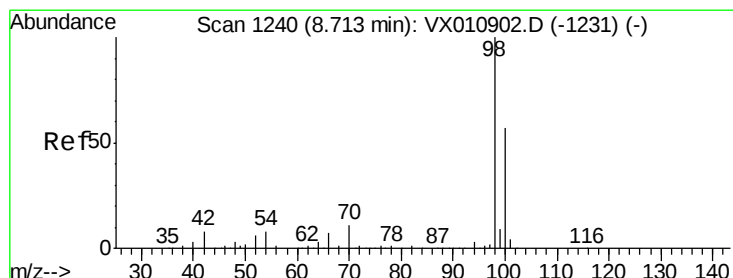
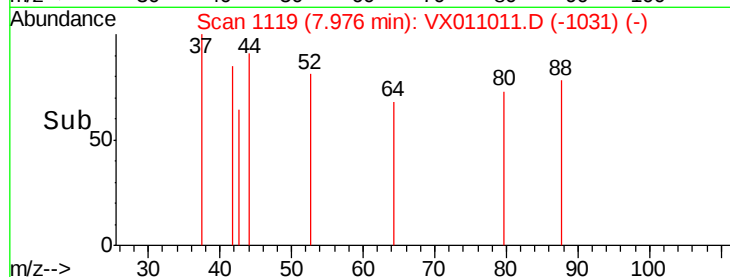
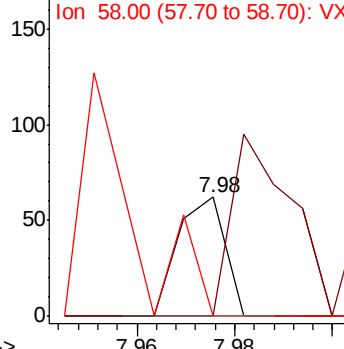
#49
1,4-Dioxane
Concen: 0.630 ug/l
RT: 7.98 min Scan# 1119
Delta R.T. 0.24 min
Lab File: VX011011.D
Acq: 19 Jul 2019 18:35

Instrument :
MSVOA_X
ClientSampled :
FL-0605DL

Tot Ion: 88 Resp: 41
Ion Ratio Lower Upper
88 100
43 195.1 22.9 34.3#
58 0.0 49.8 74.8#

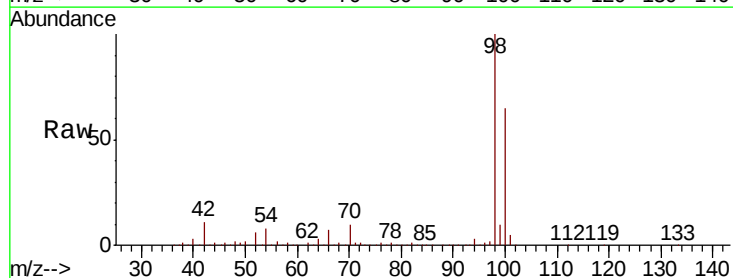


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

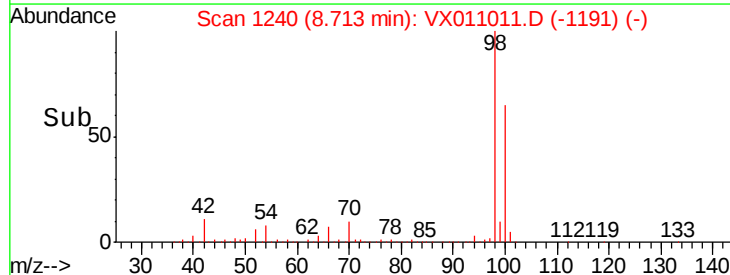
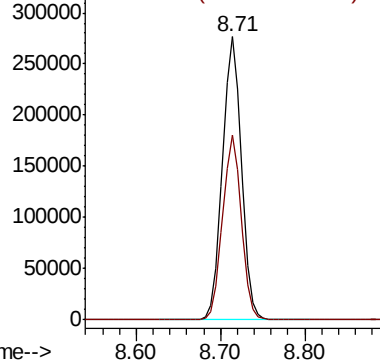


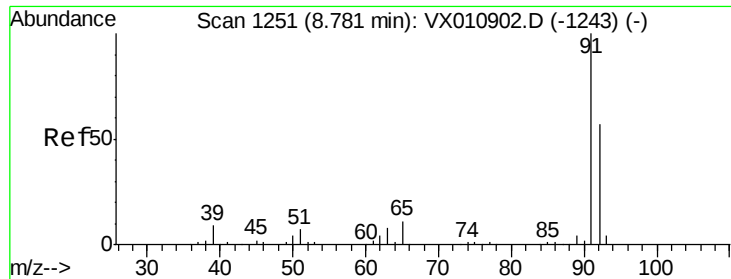
#50
Toluene-d8
Concen: 51.057 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011011.D
Acq: 19 Jul 2019 18:35

Tgt Ion: 98 Resp: 419683
Ion Ratio Lower Upper
98 100
100 64.4 50.6 75.8



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





#52

Toluene

Concen: 3.674 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX011011.D

Acq: 19 Jul 2019 18:35

Instrument :

MSVOA_X

ClientSampled :

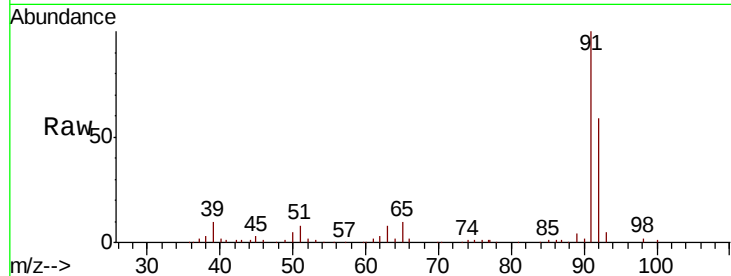
FL-0605DL

Tot Ion: 92 Resp: 20969

Ion Ratio Lower Upper

92 100

91 176.4 139.4 209.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

25000

20000

15000

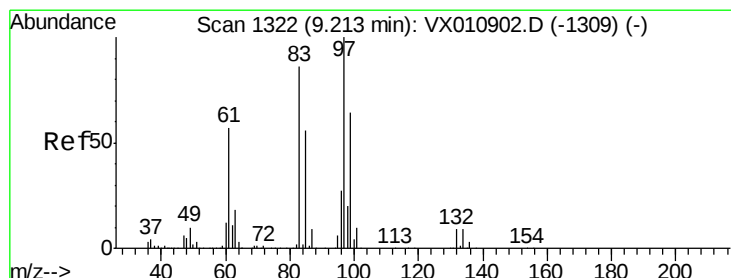
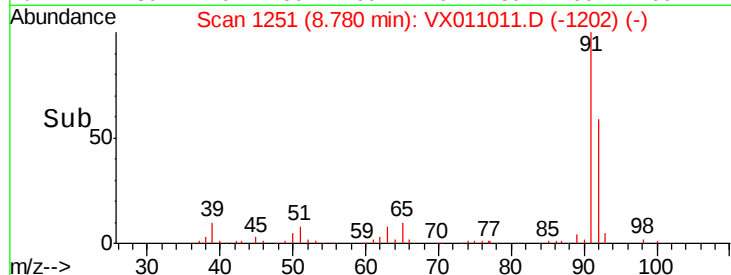
10000

5000

0

8.70 8.75 8.80 8.85

Time-->



#55

1,1,2-Trichloroethane

Concen: 1.101 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX011011.D

Acq: 19 Jul 2019 18:35

Tgt Ion: 97 Resp: 2587

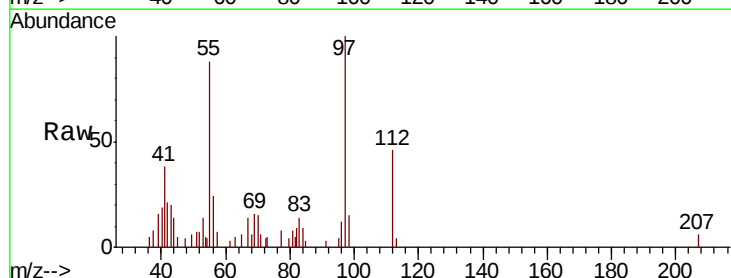
Ion Ratio Lower Upper

97 100

83 13.6 69.2 103.8#

85 3.2 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

2500

2000

1500

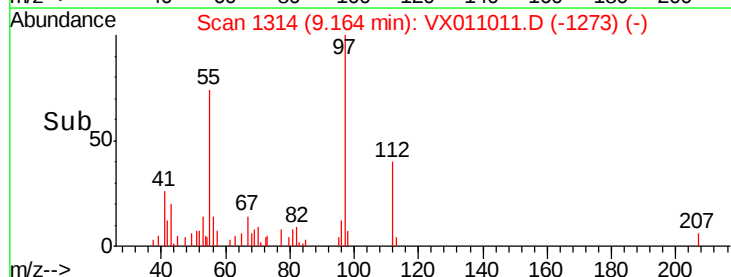
1000

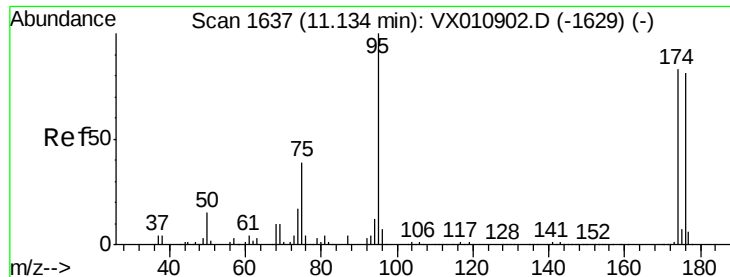
500

0

9.10 9.15 9.20

Time-->





#62

4-Bromofluorobenzene

Concen: 53.816 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011011.D

Acq: 19 Jul 2019 18:35

Instrument :

MSVOA_X

ClientSampleId :

FL-0605DL

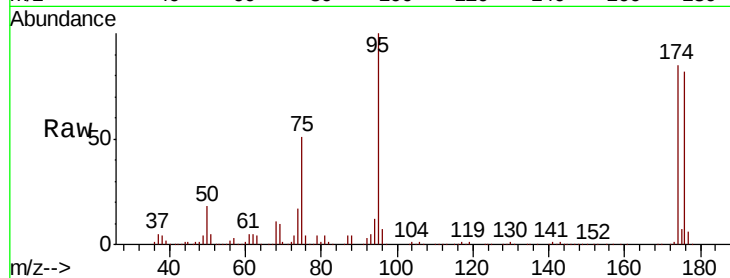
Tot Ion: 95 Resp: 162597

Ion Ratio Lower Upper

95 100

174 90.3 0.0 180.6

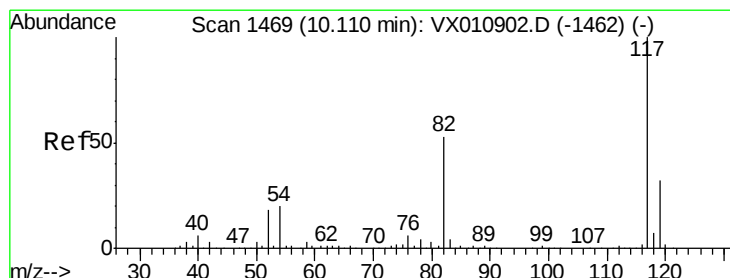
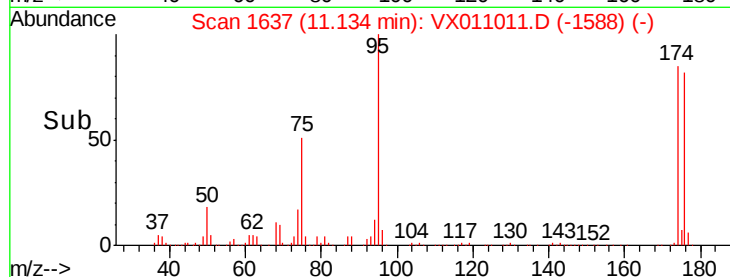
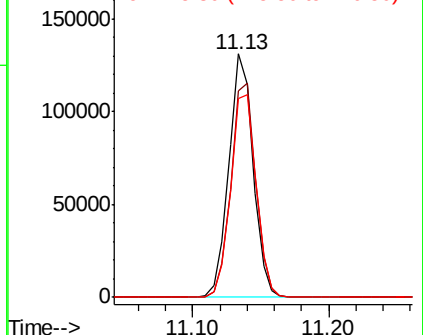
176 87.8 0.0 173.8



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: VX011011.D

Acq: 19 Jul 2019 18:35

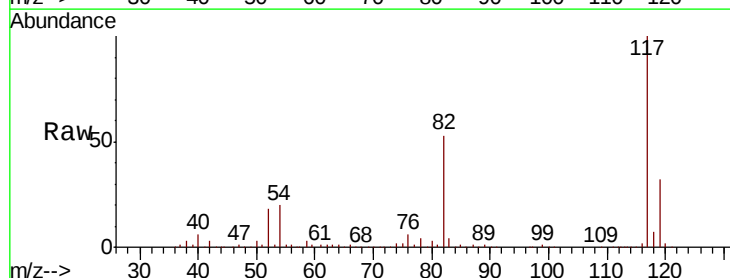
Tgt Ion: 117 Resp: 330996

Ion Ratio Lower Upper

117 100

82 53.0 42.6 63.8

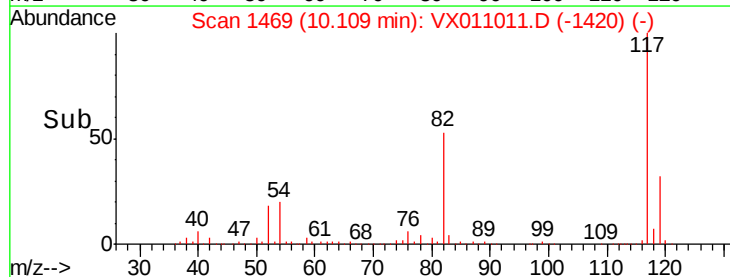
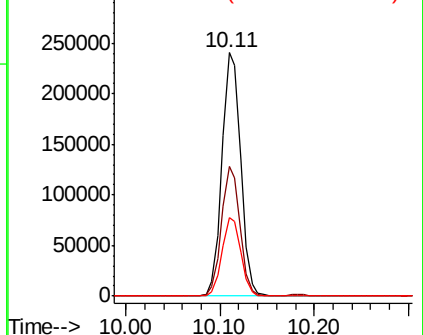
119 32.3 25.9 38.9

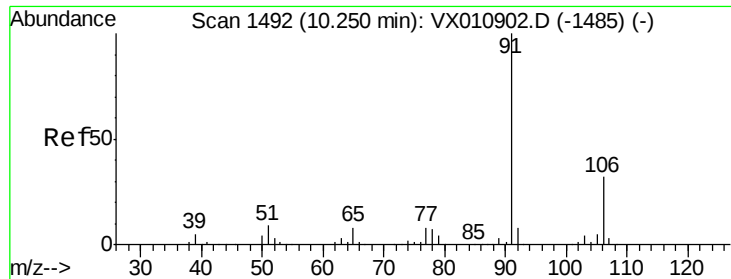


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#67

Ethyl Benzene

Concen: 42.821 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX011011.D

Acq: 19 Jul 2019 18:35

Instrument :

MSVOA_X

ClientSampled :

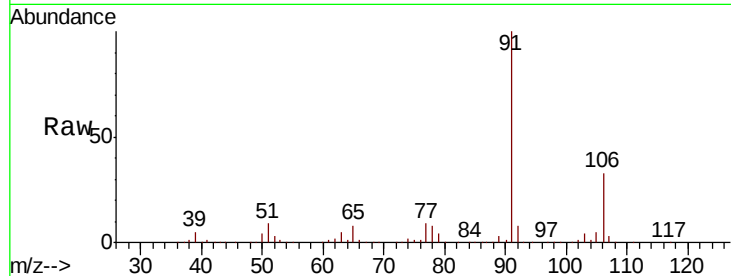
FL-0605DL

Tot Ion: 91 Resp: 495512

Ion Ratio Lower Upper

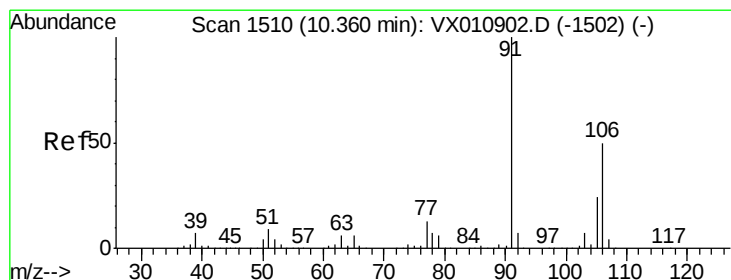
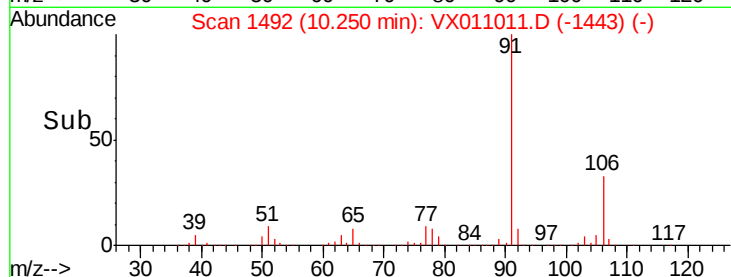
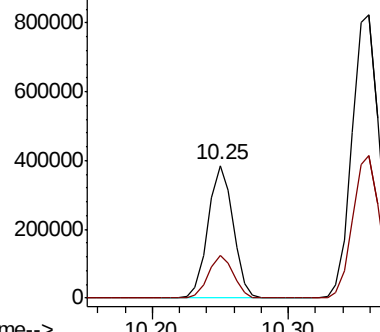
91 100

106 32.7 25.4 38.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 126.574 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX011011.D

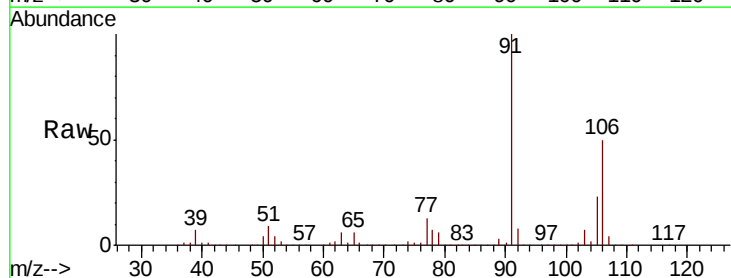
Acq: 19 Jul 2019 18:35

Tgt Ion: 106 Resp: 561836

Ion Ratio Lower Upper

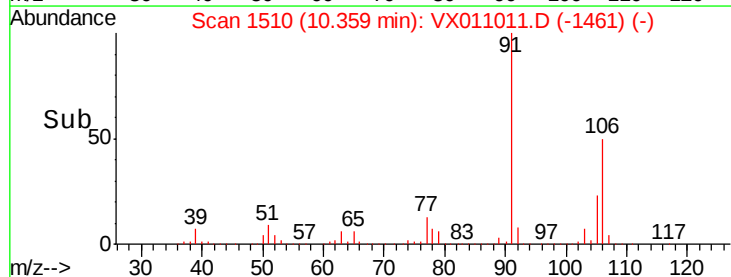
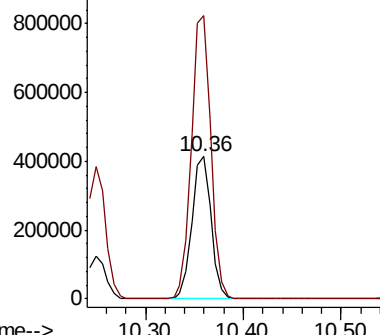
106 100

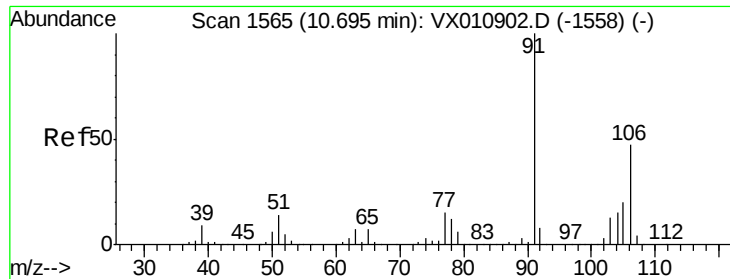
91 202.0 160.1 240.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

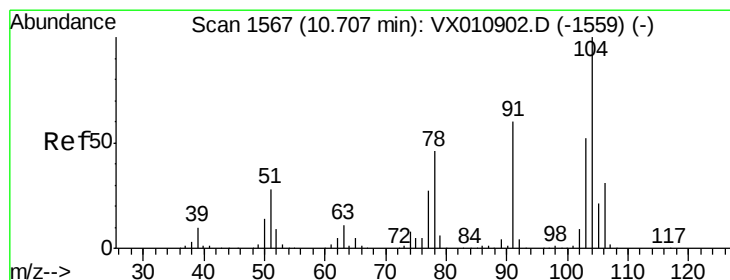
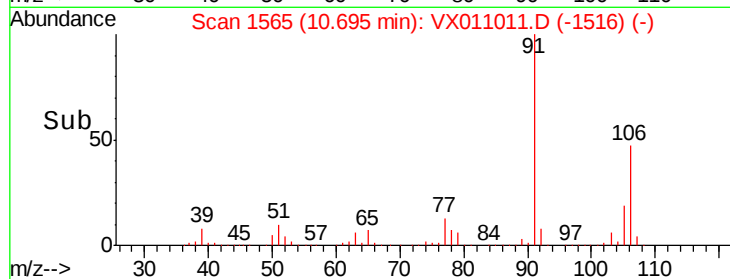
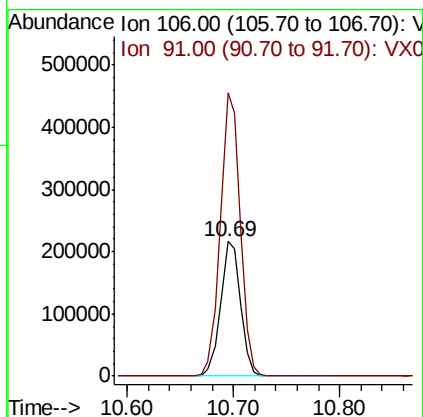
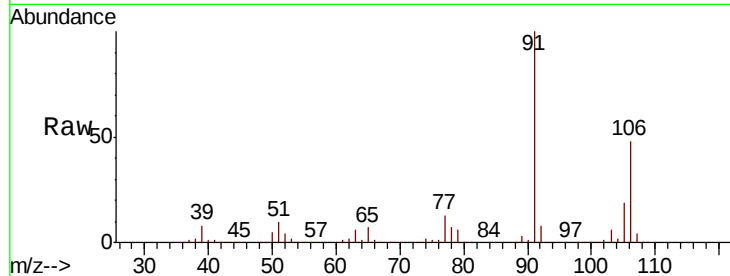




#69
o-Xylene
Concen: 65.087 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX011011.D
Acq: 19 Jul 2019 18:35

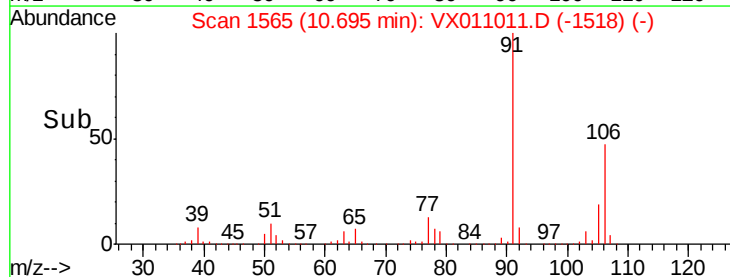
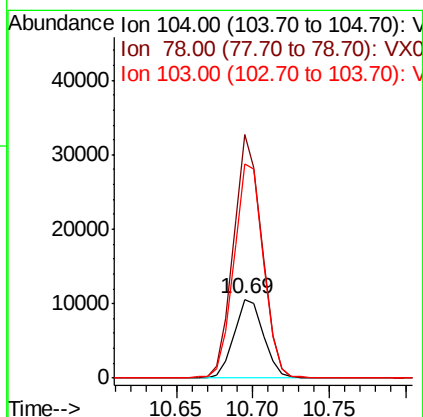
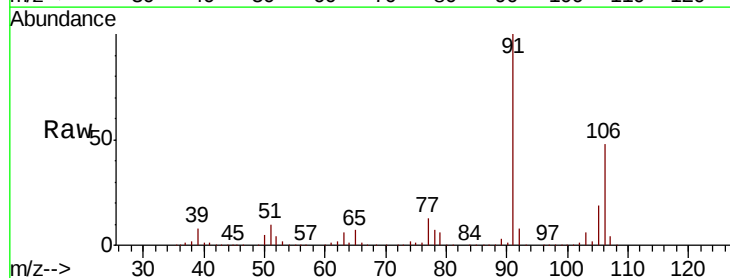
Instrument :
MSVOA_X
ClientSampled :
FL-0605DL

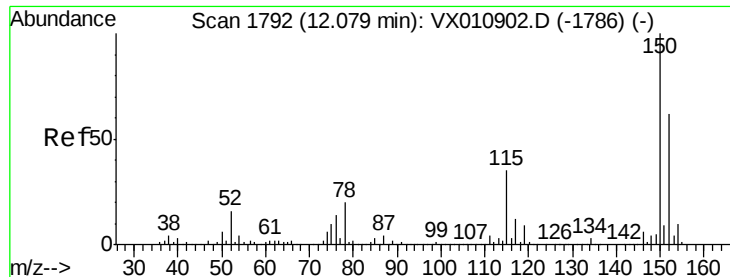
Tot Ion:106 Resp: 281959
Ion Ratio Lower Upper
106 100
91 210.4 105.1 315.3



#70
Styrene
Concen: 1.983 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX011011.D
Acq: 19 Jul 2019 18:35

Tgt Ion:104 Resp: 14318
Ion Ratio Lower Upper
104 100
78 294.7 38.8 58.2#
103 268.7 44.2 66.4#



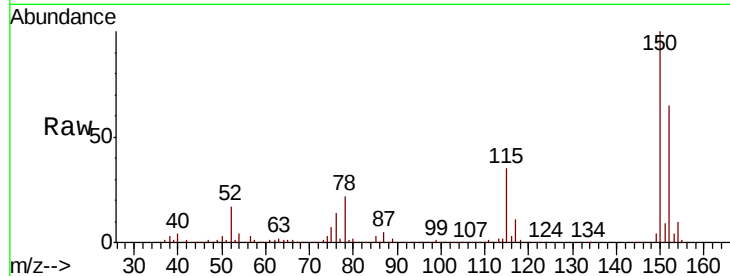


#72

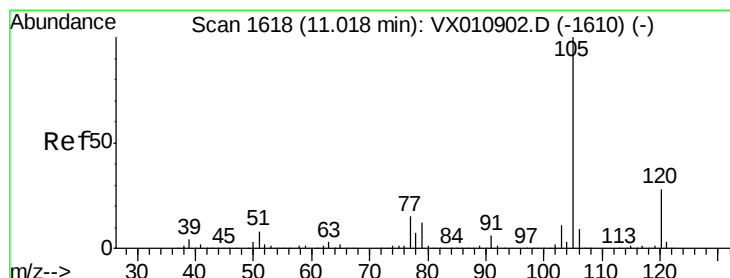
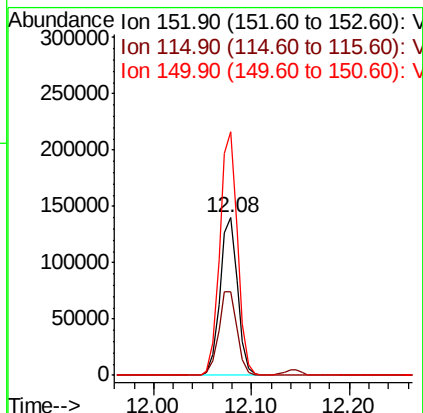
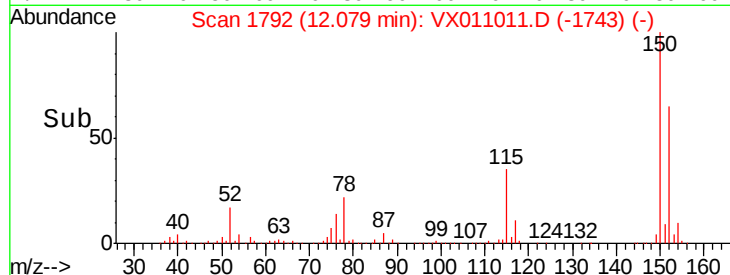
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX011011.D
Acq: 19 Jul 2019 18:35

Instrument :
MSVOA_X
ClientSampleId :
FL-0605DL

Tot Ion:152 Resp: 173396
Ion Ratio Lower Upper
152 100
115 55.3 39.7 119.1
150 155.5 0.0 345.6



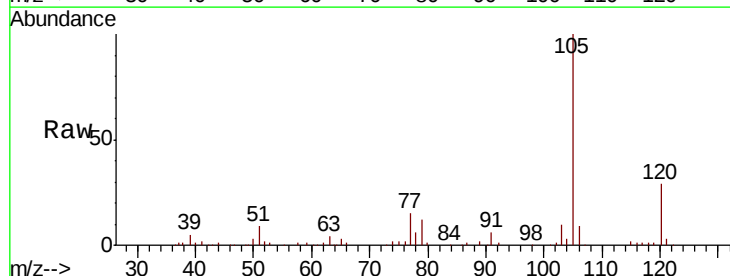
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



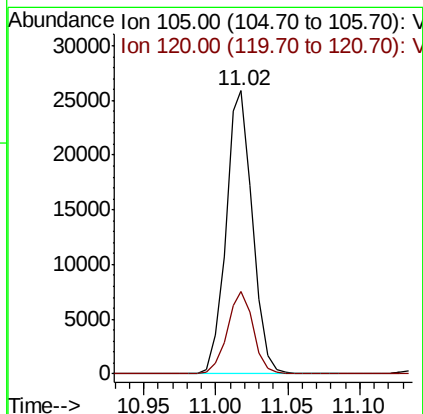
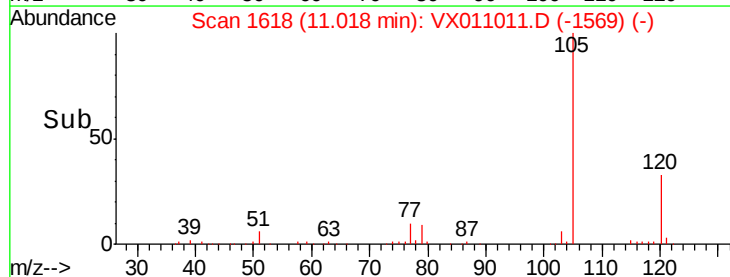
#73

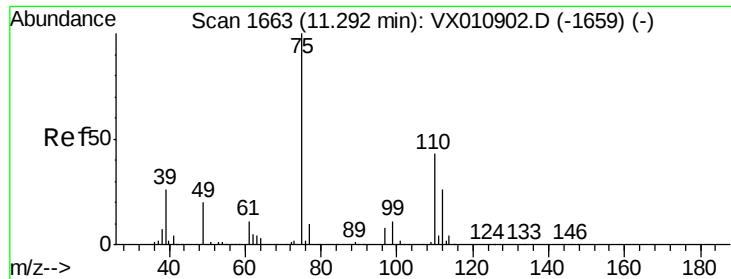
Isopropylbenzene
Concen: 2.847 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX011011.D
Acq: 19 Jul 2019 18:35

Tgt Ion:105 Resp: 33355
Ion Ratio Lower Upper
105 100
120 28.7 13.7 41.1



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

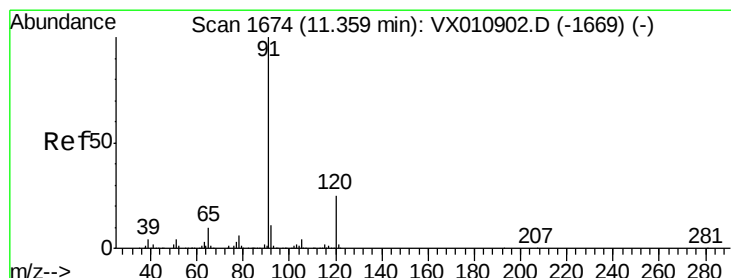
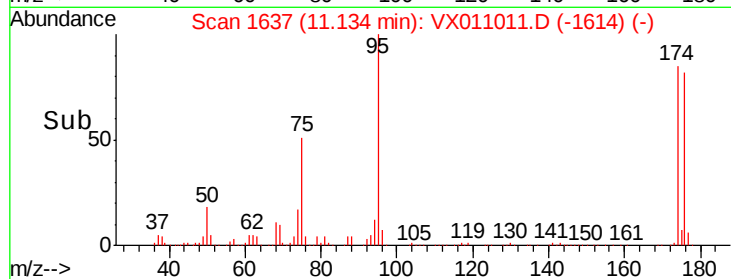
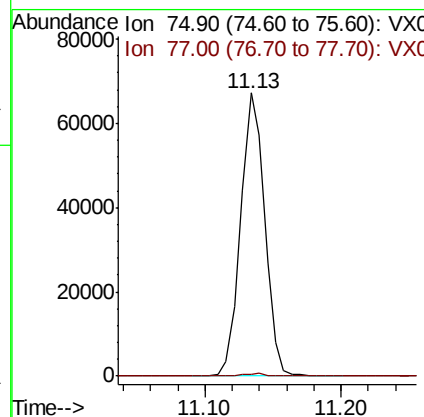
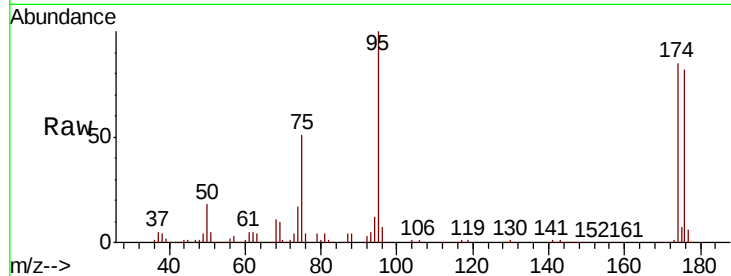




#76
1,2,3-Trichloropropane
Concen: 26.532 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX011011.D
Acq: 19 Jul 2019 18:35

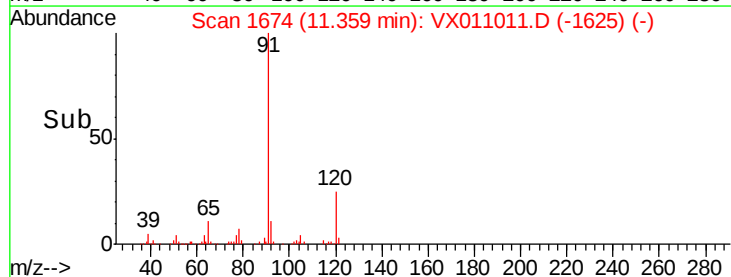
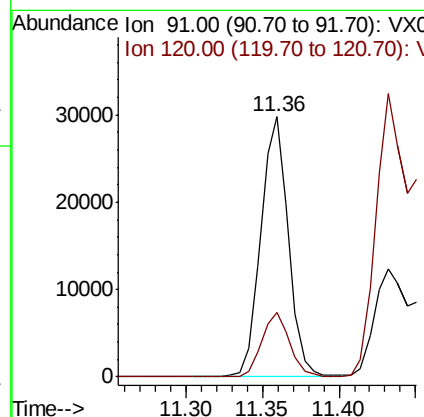
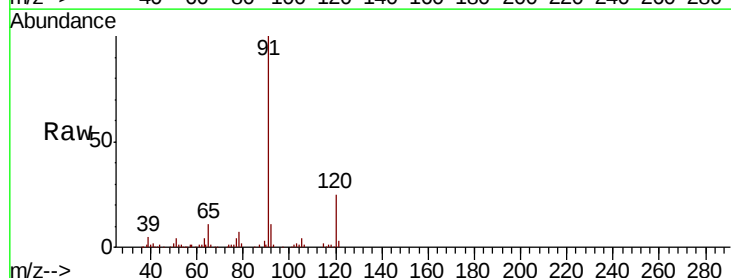
Instrument :
MSVOA_X
ClientSampleId :
FL-0605DL

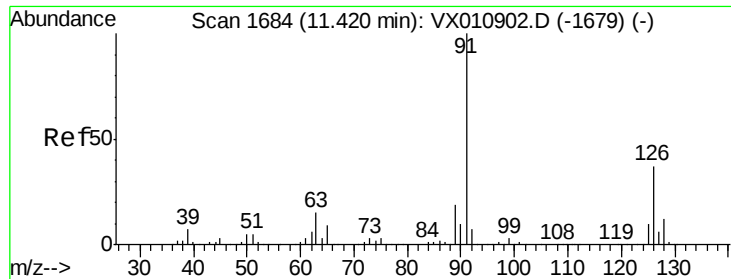
Tot Ion: 75 Resp: 83018
Ion Ratio Lower Upper
75 100
77 1.1 21.3 64.0#



#78
n-propylbenzene
Concen: 2.887 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX011011.D
Acq: 19 Jul 2019 18:35

Tgt Ion: 91 Resp: 37370
Ion Ratio Lower Upper
91 100
120 24.8 12.3 36.8





#79

2-Chlorotoluene

Concen: 3.158 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX011011.D

Acq: 19 Jul 2019 18:35

Instrument :

MSVOA_X

ClientSampled :

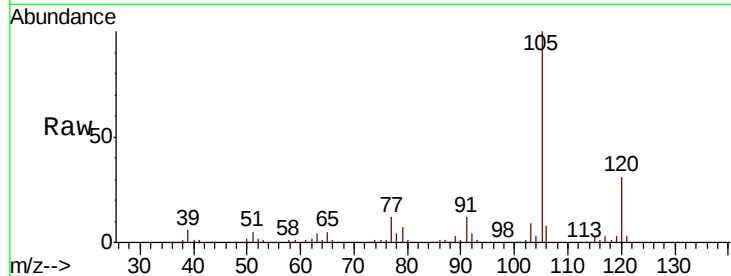
FL-0605DL

Tot Ion: 91 Resp: 24559

Ion Ratio Lower Upper

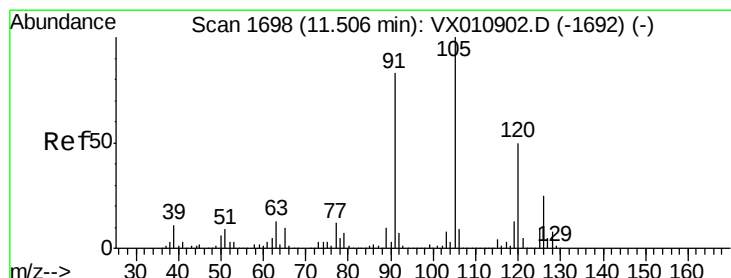
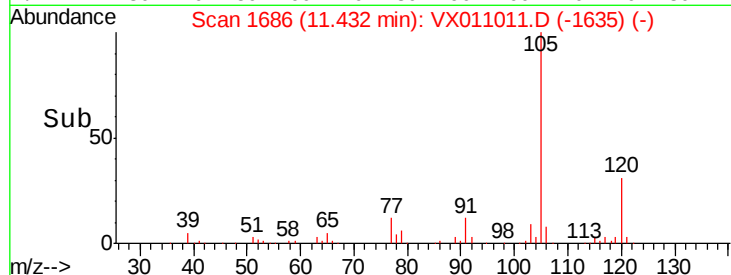
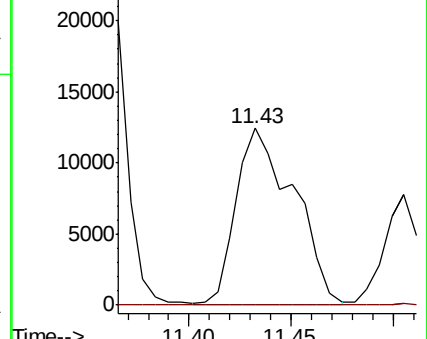
91 100

126 0.0 18.0 54.0#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 8.337 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011011.D

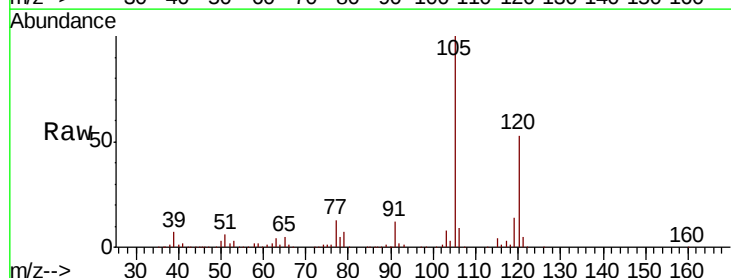
Acq: 19 Jul 2019 18:35

Tgt Ion:105 Resp: 81620

Ion Ratio Lower Upper

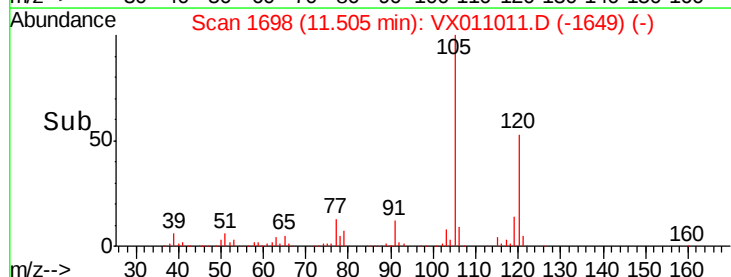
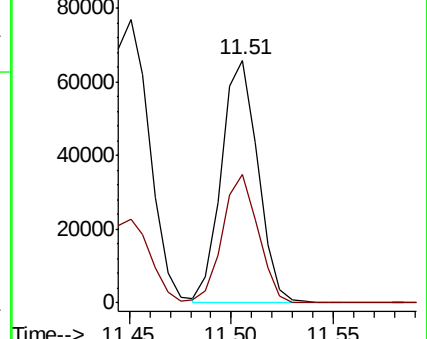
105 100

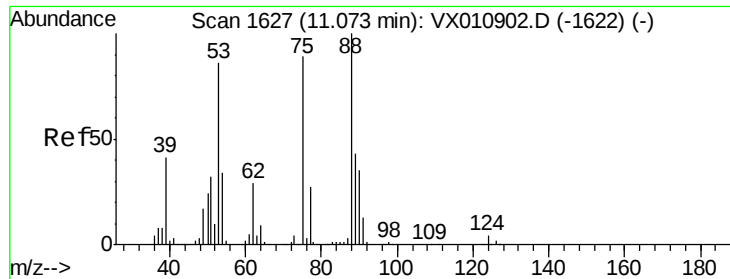
120 51.8 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 65.849 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX011011.D

Acq: 19 Jul 2019 18:35

Instrument :

MSVOA_X

ClientSampleId :

FL-0605DL

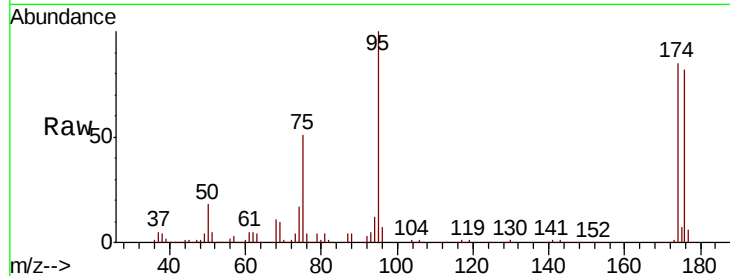
Tot Ion: 75 Resp: 83018

Ion Ratio Lower Upper

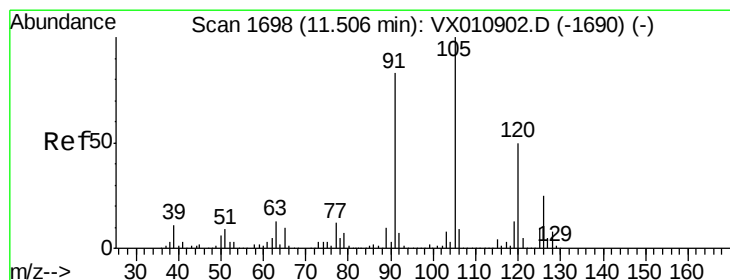
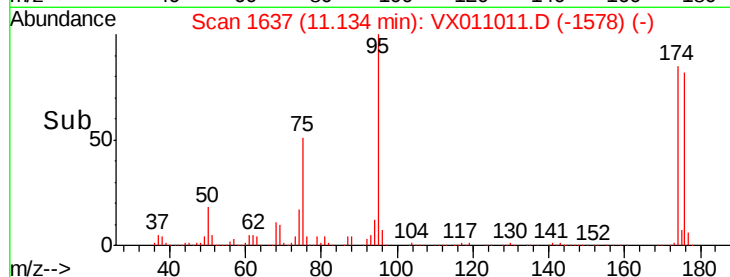
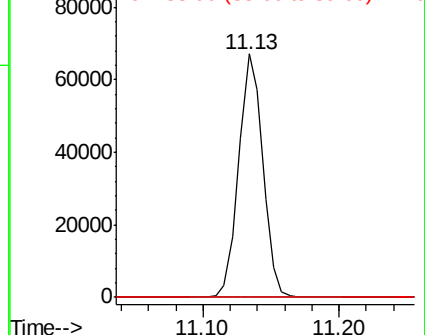
75 100

53 0.1 76.7 115.1#

89 0.0 38.5 57.7#



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



#82

4-Chlorotoluene

Concen: 1.050 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011011.D

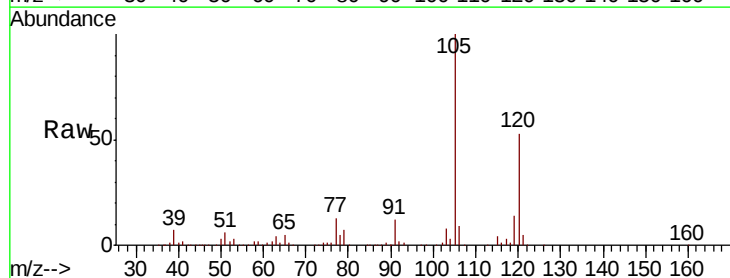
Acq: 19 Jul 2019 18:35

Tgt Ion: 91 Resp: 9501

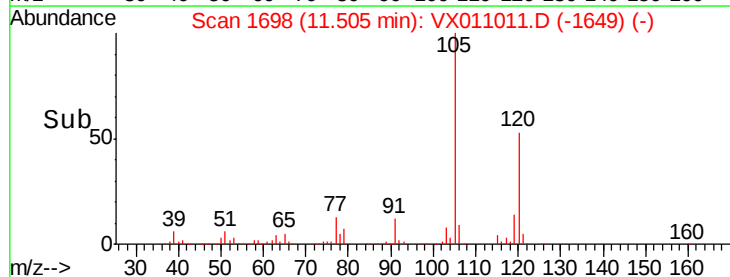
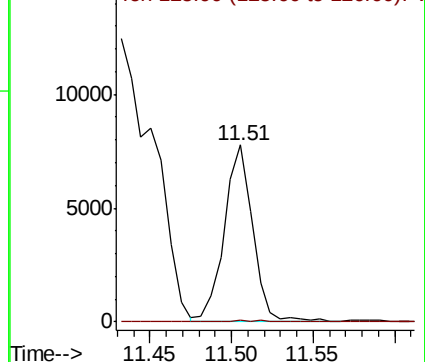
Ion Ratio Lower Upper

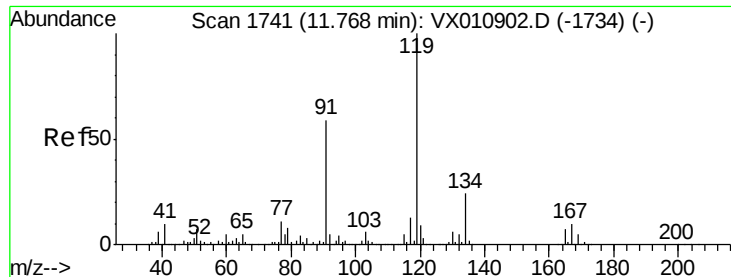
91 100

126 0.5 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: 0.304 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX011011.D

Acq: 19 Jul 2019 18:35

Instrument :

MSVOA_X

ClientSampled :

FL-0605DL

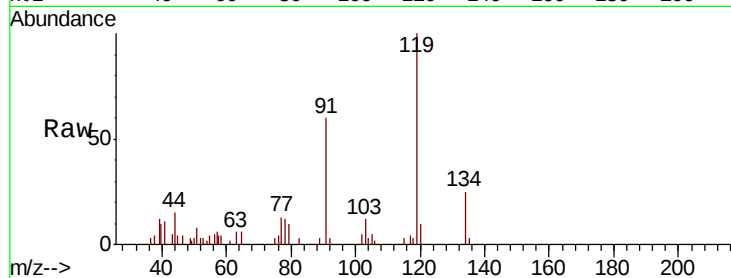
Tot Ion:119 Resp: 2924

Ion Ratio Lower Upper

119 100

91 70.9 28.6 85.8

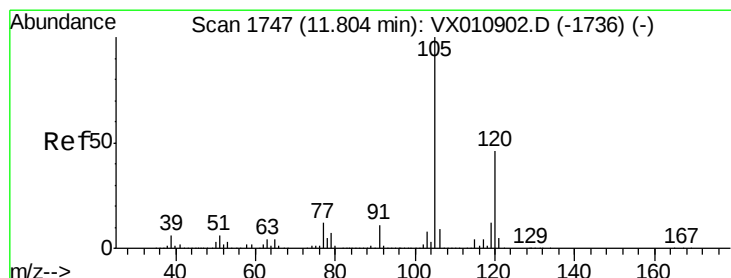
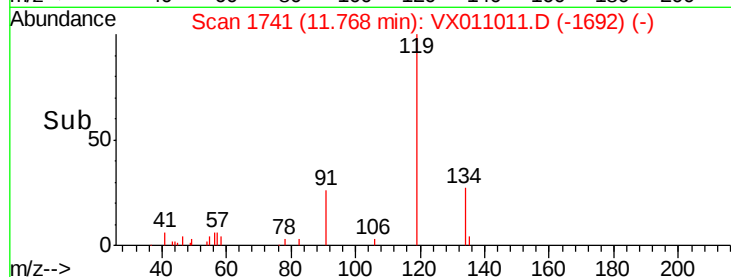
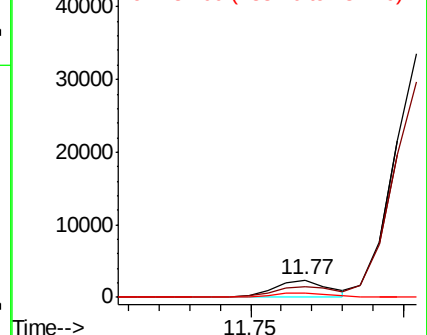
134 28.0 11.6 34.8



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: 32.152 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX011011.D

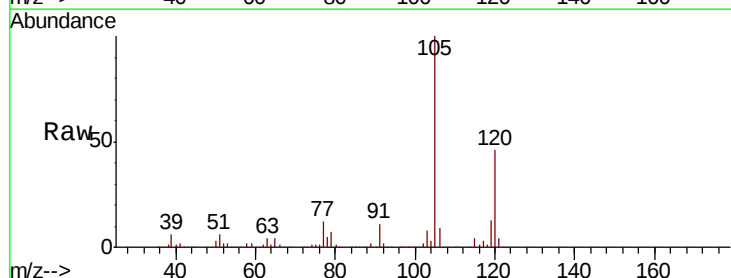
Acq: 19 Jul 2019 18:35

Tgt Ion:105 Resp: 317263

Ion Ratio Lower Upper

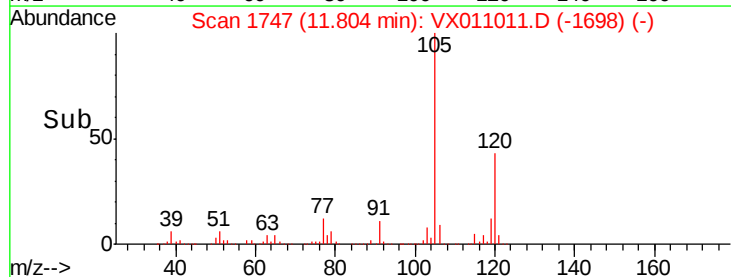
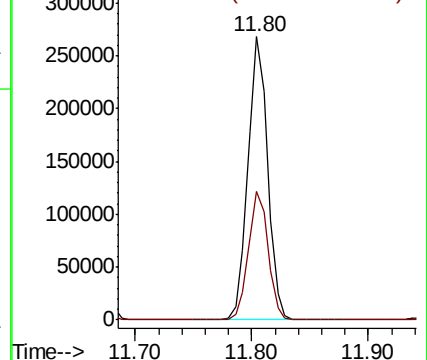
105 100

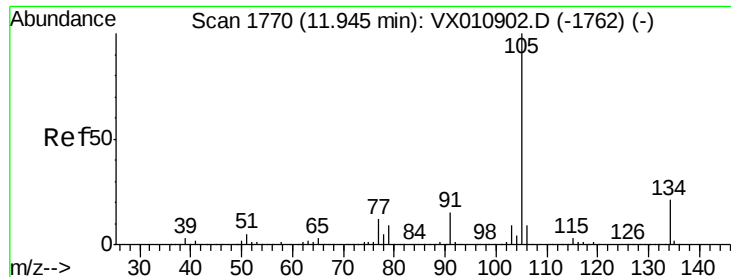
120 45.7 22.9 68.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 28.153 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.14 min

Lab File: VX011011.D

Acq: 19 Jul 2019 18:35

Instrument :

MSVOA_X

ClientSampleID :

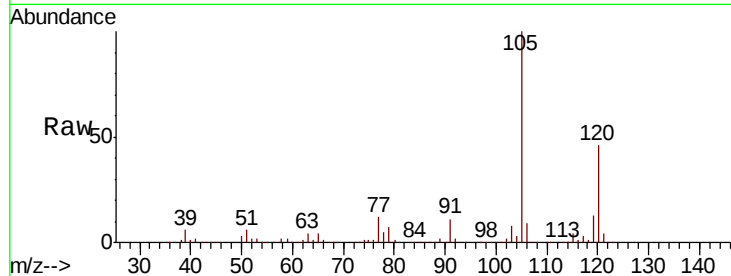
FL-0605DL

Tot Ion:105 Resp: 317224

Ion Ratio Lower Upper

105 100

134 0.0 10.4 31.4#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

300000

250000

200000

150000

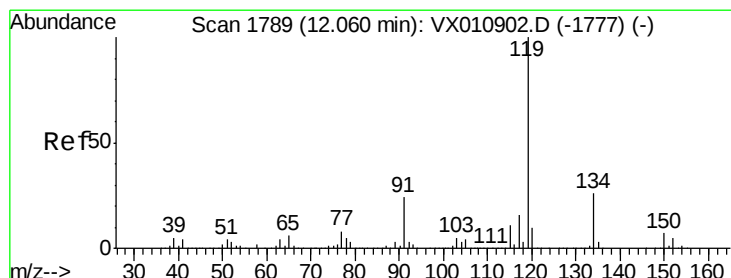
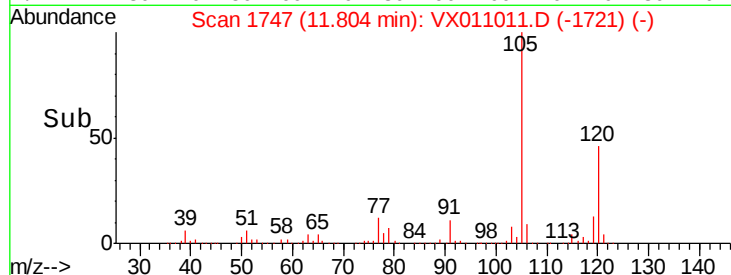
100000

50000

0

11.70 11.80 11.90

Time-->



#86

p-Isopropyltoluene

Concen: 0.416 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX011011.D

Acq: 19 Jul 2019 18:35

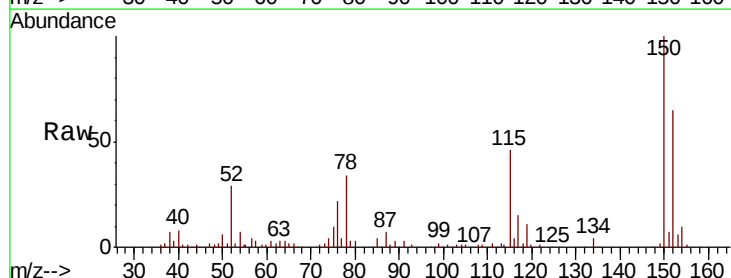
Tgt Ion:119 Resp: 4333

Ion Ratio Lower Upper

119 100

134 31.2 13.4 40.1

91 35.2 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

6000

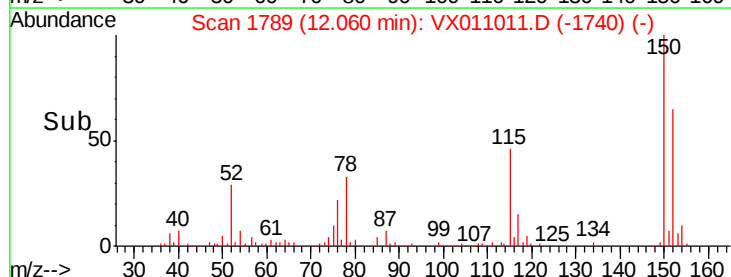
4000

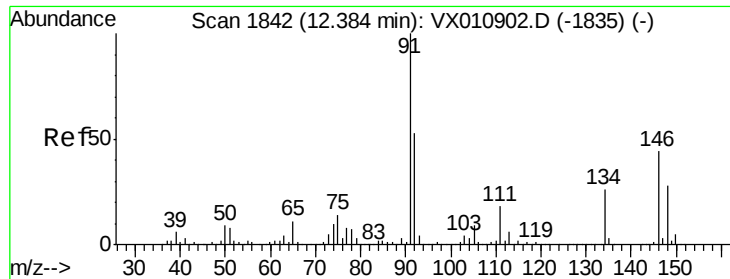
2000

0

12.05 12.06 12.10

Time-->

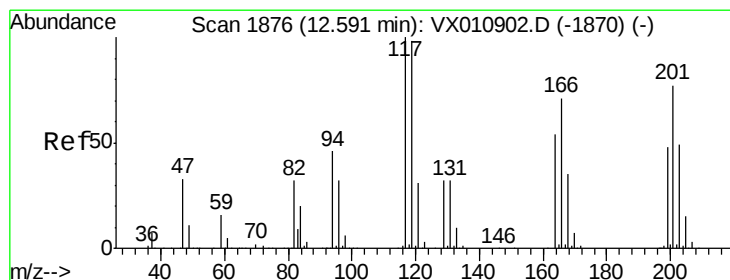
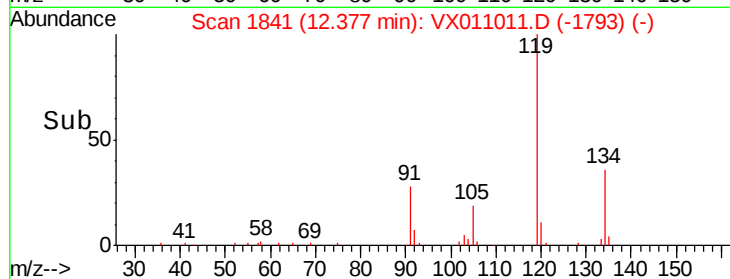
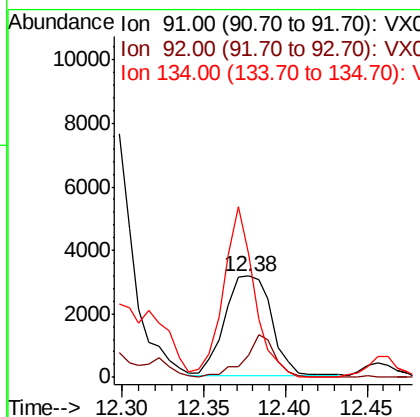
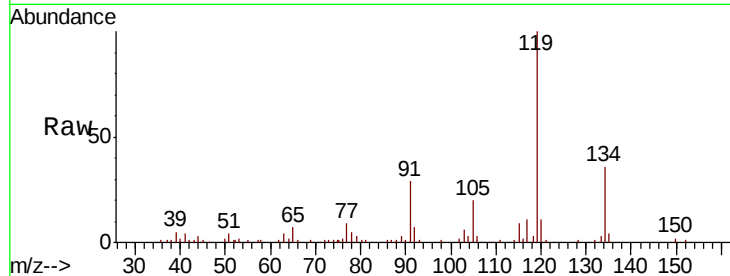




#89
n-Butylbenzene
Concen: 0.704 ug/l
RT: 12.38 min Scan# 1841
Delta R.T. -0.01 min
Lab File: VX011011.D
Acq: 19 Jul 2019 18:35

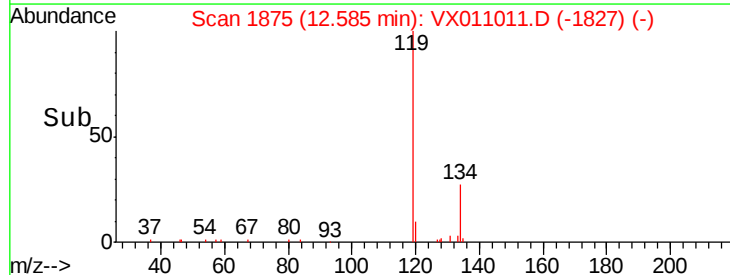
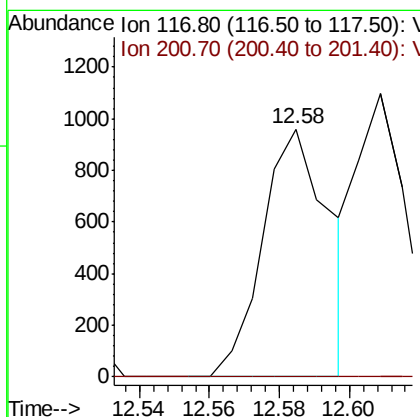
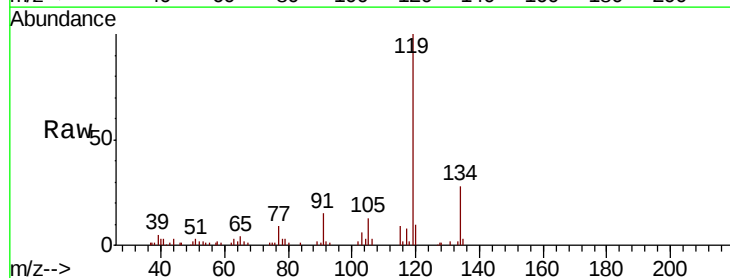
Instrument :
MSVOA_X
ClientSampleID :
FL-0605DL

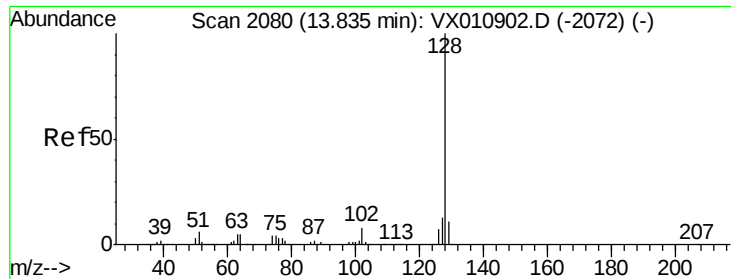
Tot Ion: 91 Resp: 6277
Ion Ratio Lower Upper
91 100
92 28.4 26.2 78.5
134 112.7 13.8 41.3#



#90
Hexachloroethane
Concen: 0.774 ug/l
RT: 12.58 min Scan# 1875
Delta R.T. -0.01 min
Lab File: VX011011.D
Acq: 19 Jul 2019 18:35

Tgt Ion: 117 Resp: 1271
Ion Ratio Lower Upper
117 100
201 0.0 43.3 129.8#





#95
Naphthalene
Concen: 15.719 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX011011.D
Acq: 19 Jul 2019 18:35

Instrument :
MSVOA_X
ClientSampleId :
FL-0605DL

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	11.0	8.9	13.3

