

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080718\
 Data File : VX003885.D
 Acq On : 07 Aug 2018 17:26
 Operator : JC/MD
 Sample : J4263-06DL 4X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0516DL

Quant Time: Aug 08 01:23:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 07:45:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	301859	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	466378	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	448801	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	226025	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	203099	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	
35) Dibromofluoromethane	5.50	113	170869	48.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.72%	
50) Toluene-d8	8.72	98	677416	49.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.60%	
62) 4-Bromofluorobenzene	11.14	95	247780	55.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.46%	

Target Compounds

						Qvalue
3) Chloromethane	1.32	50	1209	0.29	ug/l	90
5) Bromomethane	1.64	94	1130	Below	Cal #	64
6) Chloroethane	1.77	64	4962	1.87	ug/l #	44
10) Methyl Iodide	2.51	142	1036	0.24	ug/l #	47
11) Tert butyl alcohol	3.02	59	6370	6.62	ug/l #	73
13) Acrolein	2.29	56	332	Below	Cal #	52
15) Acrylonitrile	3.16	53	1899	0.83	ug/l #	51
16) Acetone	2.45	43	2277	0.96	ug/l	100
17) Carbon Disulfide	2.56	76	2320	0.69	ug/l #	84
18) Methyl Acetate	2.83	43	13016	2.51	ug/l #	52
20) Methylene Chloride	2.85	84	2830	Below	Cal	86
29) Tetrahydrofuran	5.17	42	1784	0.97	ug/l #	47
31) Cyclohexane	5.57	56	36368	6.31	ug/l	97
36) 1,1-Dichloropropene	5.66	75	20545	3.93	ug/l #	49
38) Carbon Tetrachloride	5.67	117	27243	5.48	ug/l #	16
39) Methylcyclohexane	7.46	83	74637	12.12	ug/l	95
40) Benzene	6.15	78	5759	0.37	ug/l #	90
43) Isopropyl Acetate	6.45	43	2133	0.25	ug/l #	59
45) 1,2-Dichloropropane	7.46	63	1033	0.26	ug/l #	1
51) 4-Methyl-2-Pentanone	8.66	43	1926	0.27	ug/l #	34
55) 1,1,2-Trichloroethane	9.16	97	11073	2.73	ug/l #	20
56) Ethyl methacrylate	9.16	69	2599	0.44	ug/l #	1
67) Ethyl Benzene	10.26	91	73686	3.85	ug/l	100
68) m/p-Xylenes	10.36	106	13301	1.78	ug/l	96
73) Isopropylbenzene	11.02	105	49150	2.94	ug/l	98
74) N-amyl acetate	6.45	43	2133	0.25	ug/l #	54
76) 1,2,3-Trichloropropane	11.14	75	118460	23.73	ug/l #	36
78) n-propylbenzene	11.36	91	83822	4.46	ug/l	98
79) 2-Chlorotoluene	11.46	91	2519	0.22	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.46	105	23209	1.70	ug/l #	27
81) trans-1,4-Dichloro-2-buten	11.14	75	118460	63.90	ug/l #	9
83) tert-Butylbenzene	11.81	119	115190	8.59	ug/l #	59
84) 1,2,4-Trimethylbenzene	11.81	105	898154	65.52	ug/l	100
85) sec-Butylbenzene	11.81	105	898154	56.74	ug/l #	56

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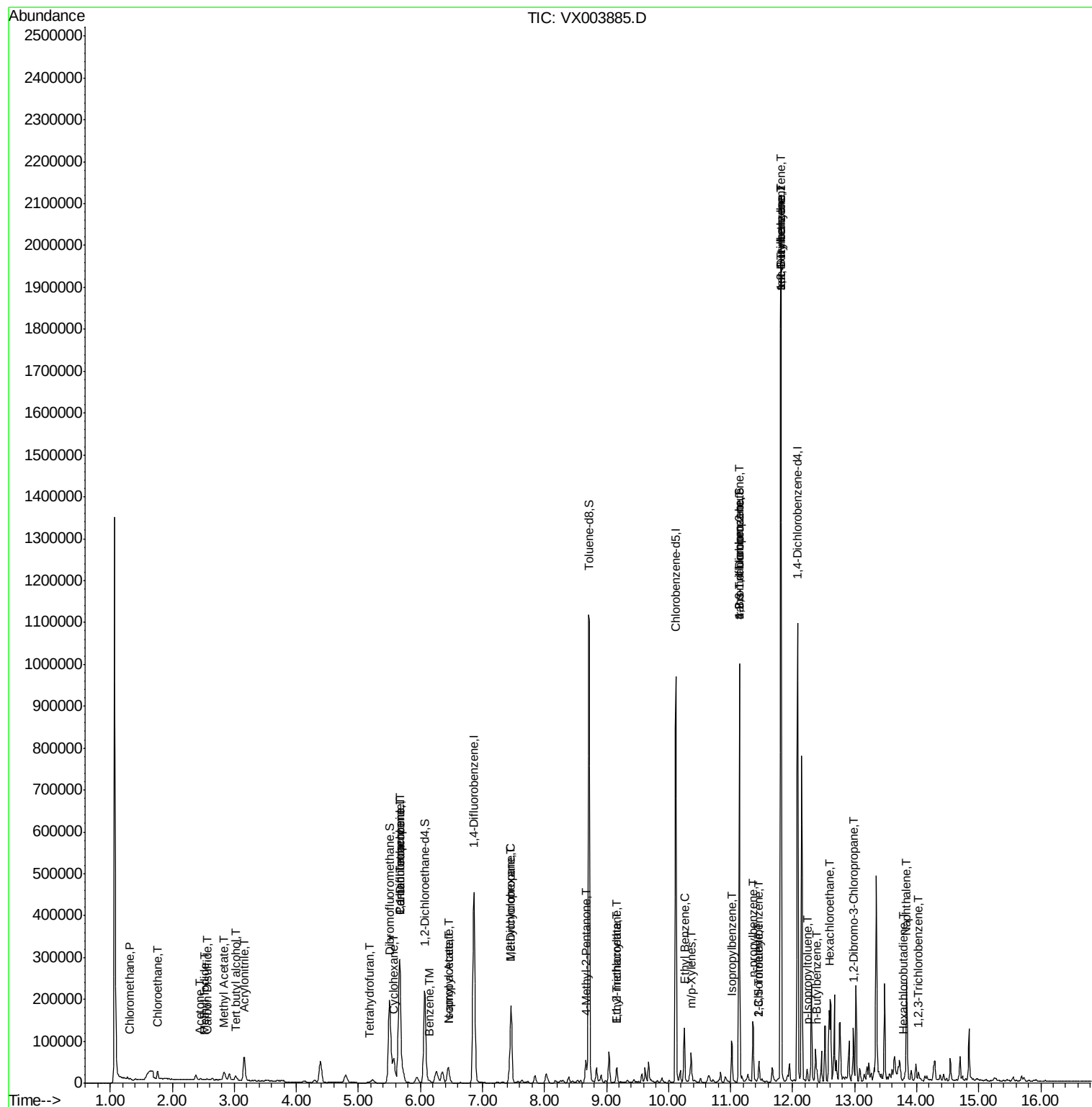
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) p-Isopropyltoluene	12.24	119	13432	0.95	ug/l	96
88) 1,4-Dichlorobenzene	12.02	146	931	Below Cal		80
89) n-Butylbenzene	12.39	91	13097	1.06	ug/l #	70
90) Hexachloroethane	12.59	117	8366	3.63	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	12.98	75	499	0.43	ug/l #	1
94) Hexachlorobutadiene	13.79	225	478	0.61	ug/l	89
95) Naphthalene	13.83	128	148779	8.84	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	1186	0.20	ug/l #	1

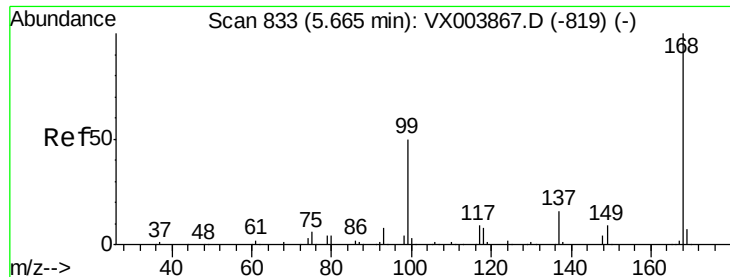
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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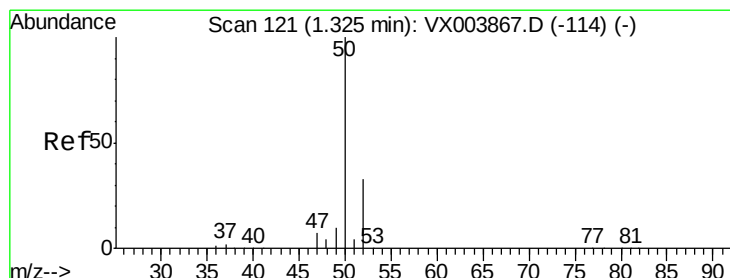
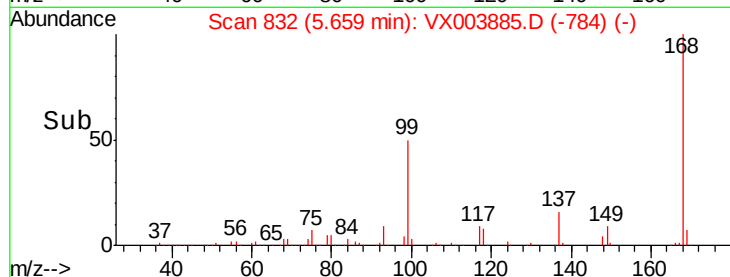
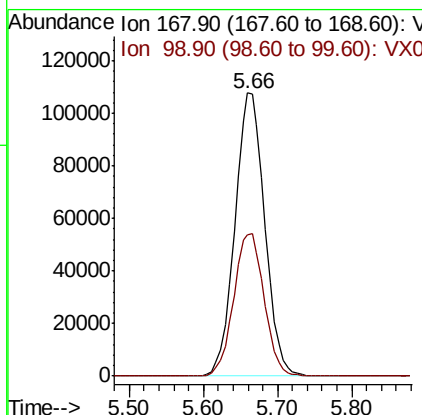
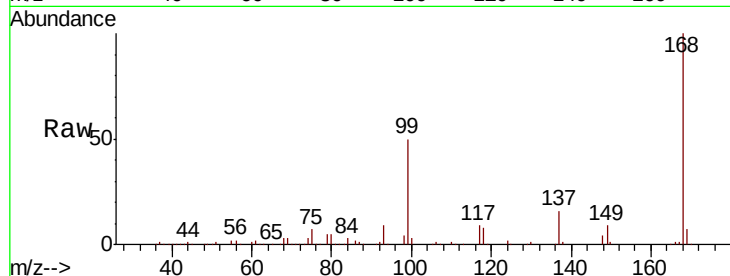




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.66 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX003885.D
Acq: 07 Aug 2018 17:26

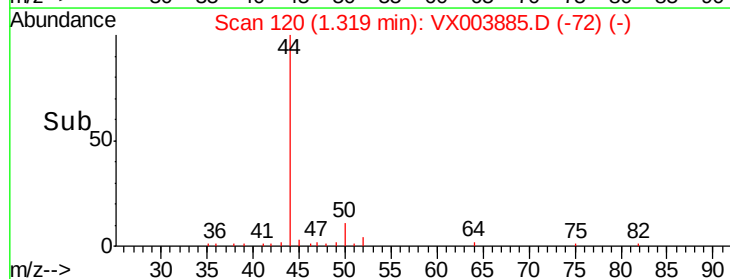
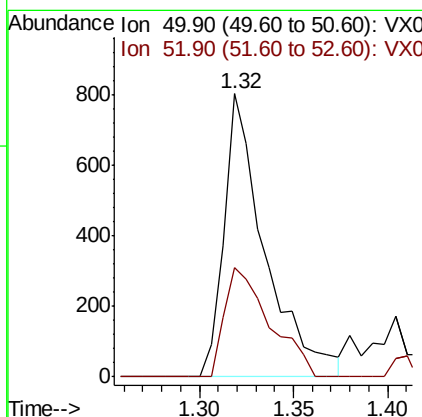
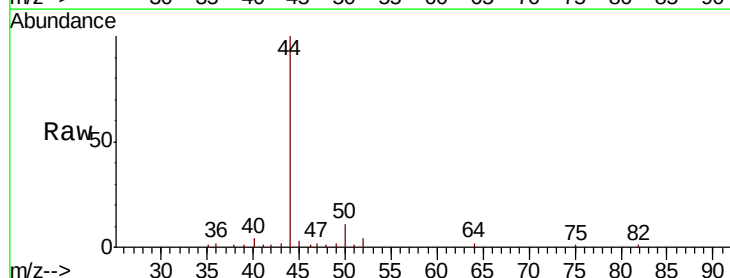
Instrument :
MSVOA_X
ClientSampleID :
FL-0516DL

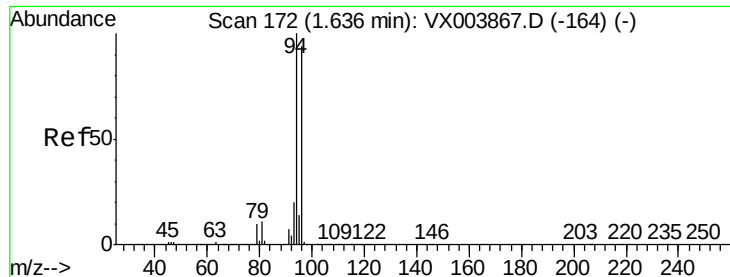
Tot Ion:168 Resp: 301859
Ion Ratio Lower Upper
168 100
99 49.8 40.1 60.1



#3
Chloromethane
Concen: 0.29 ug/l
RT: 1.32 min Scan# 120
Delta R.T. -0.01 min
Lab File: VX003885.D
Acq: 07 Aug 2018 17:26

Tgt Ion: 50 Resp: 1209
Ion Ratio Lower Upper
50 100
52 38.7 26.6 39.8





#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003885.D

Acq: 07 Aug 2018 17:26

Instrument :

MSVOA_X

ClientSampled :

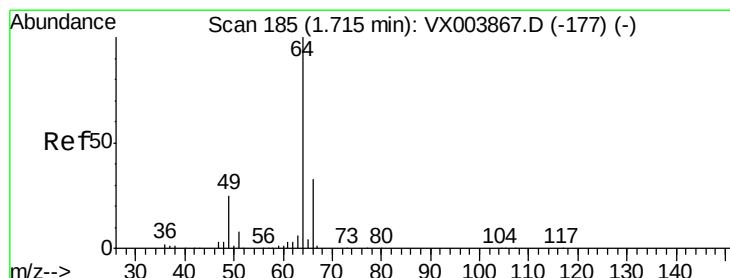
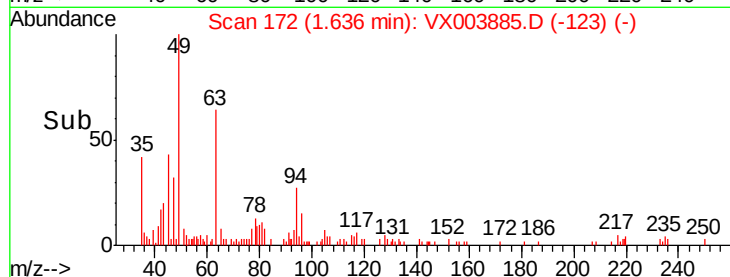
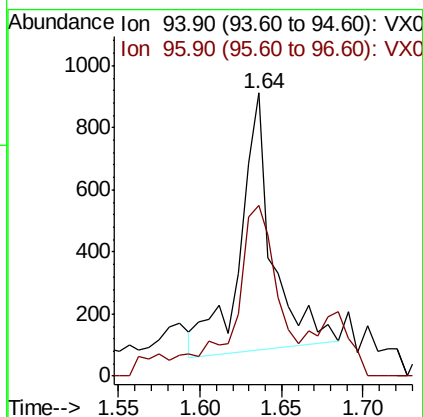
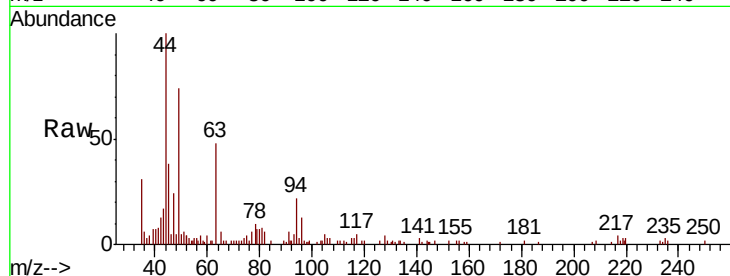
FL-0516DL

Tot Ion: 94 Resp: 1130

Ion Ratio Lower Upper

94 100

96 59.6 75.2 112.8#



#6

Chloroethane

Concen: 1.87 ug/l

RT: 1.77 min Scan# 194

Delta R.T. 0.06 min

Lab File: VX003885.D

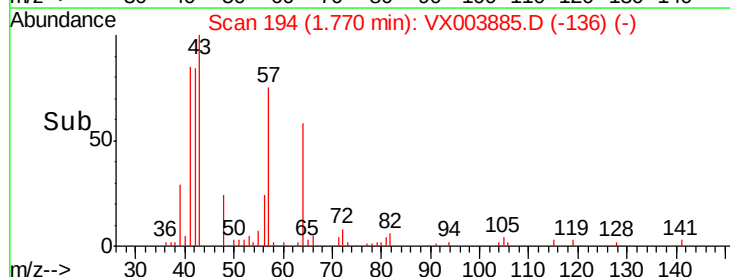
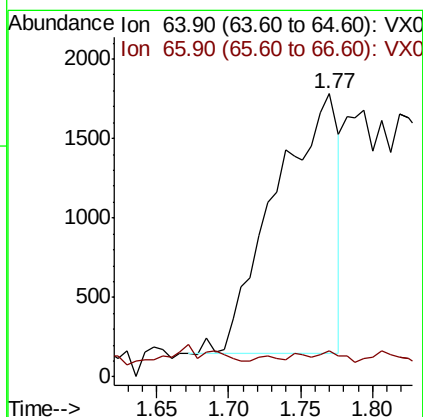
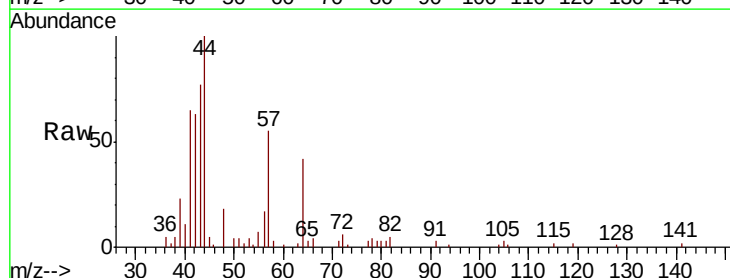
Acq: 07 Aug 2018 17:26

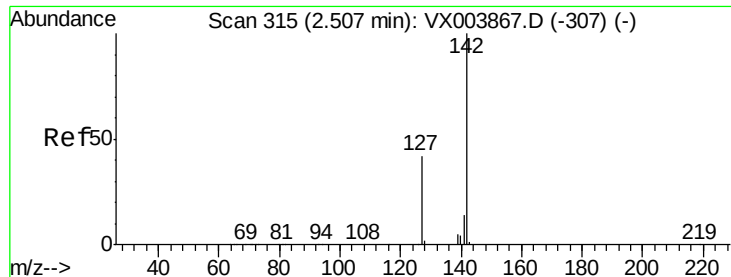
Tgt Ion: 64 Resp: 4962

Ion Ratio Lower Upper

64 100

66 1.7 26.5 39.7#





#10

Methyl Iodide

Concen: 0.24 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX003885.D

Acq: 07 Aug 2018 17:26

Instrument :

MSVOA_X

ClientSampleId :

FL-0516DL

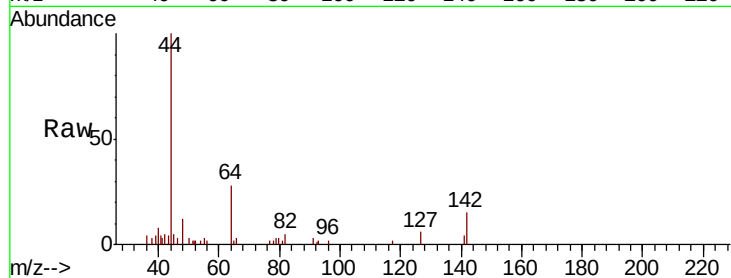
Tot Ion:142 Resp: 1036

Ion Ratio Lower Upper

142 100

127 0.0 33.1 49.7#

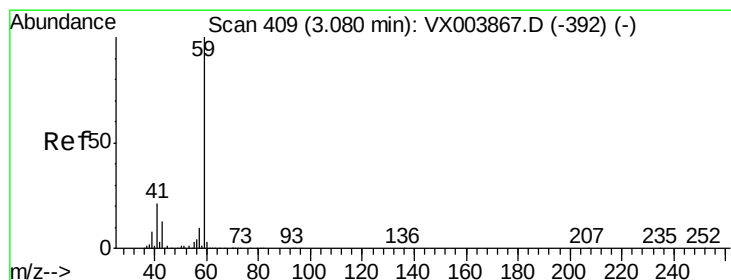
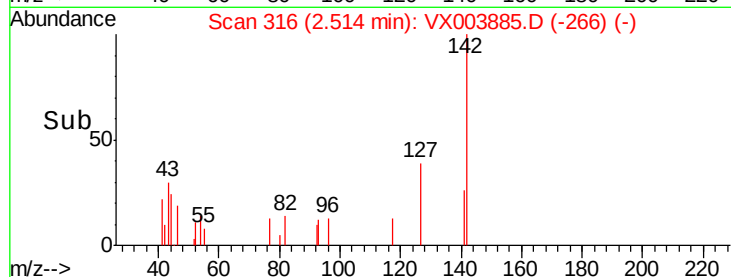
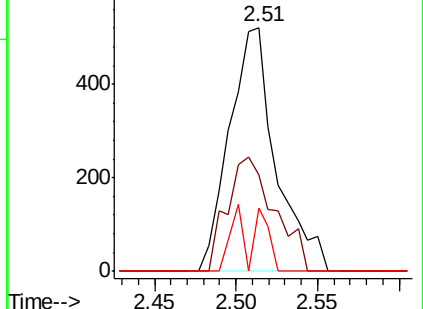
141 8.2 11.1 16.7#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



#11

Tert butyl alcohol

Concen: 6.62 ug/l

RT: 3.02 min Scan# 399

Delta R.T. -0.06 min

Lab File: VX003885.D

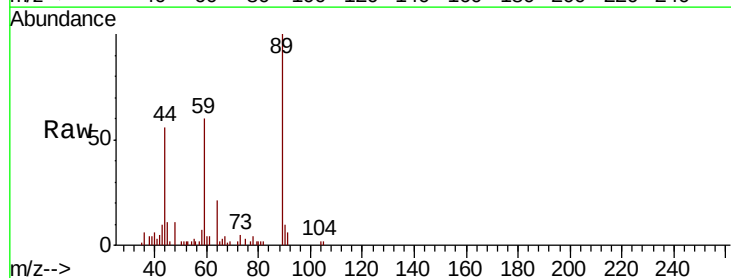
Acq: 07 Aug 2018 17:26

Tgt Ion: 59 Resp: 6370

Ion Ratio Lower Upper

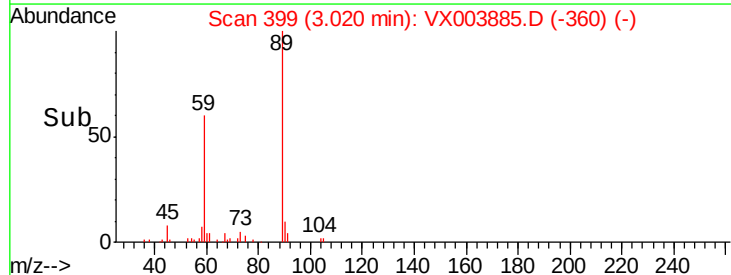
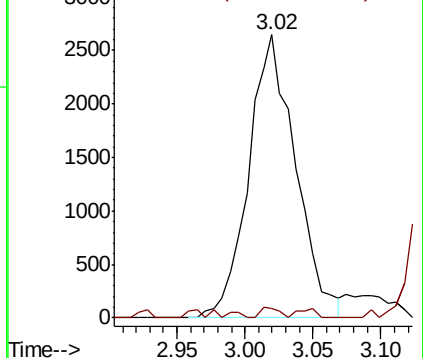
59 100

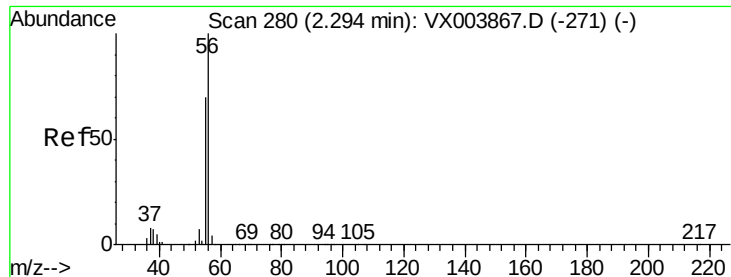
57 0.0 8.1 12.1#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: Below Cal

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003885.D

Acq: 07 Aug 2018 17:26

Instrument :

MSVOA_X

ClientSampleId :

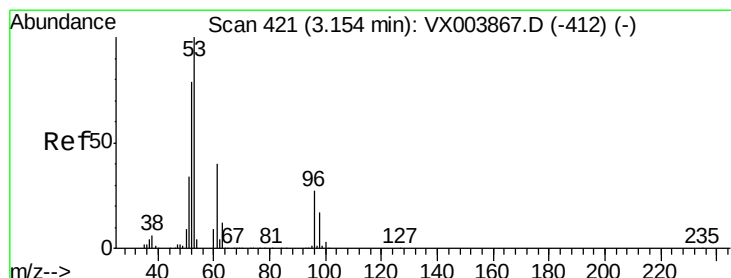
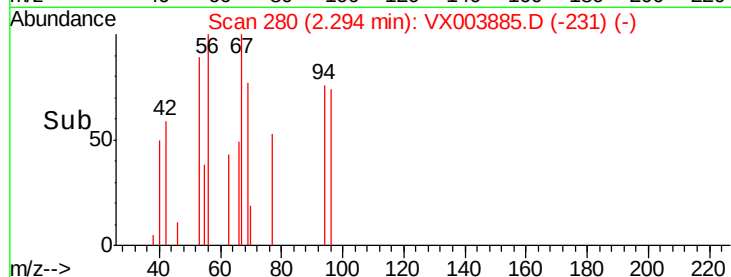
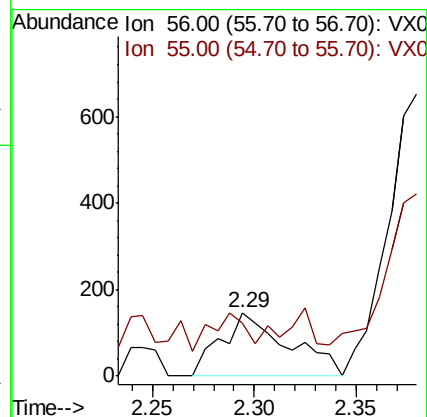
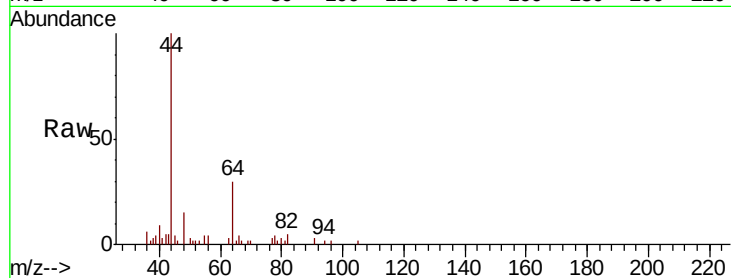
FL-0516DL

Tot Ion: 56 Resp: 332

Ion Ratio Lower Upper

56 100

55 30.4 56.1 84.1#



#15

Acrylonitrile

Concen: 0.83 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.01 min

Lab File: VX003885.D

Acq: 07 Aug 2018 17:26

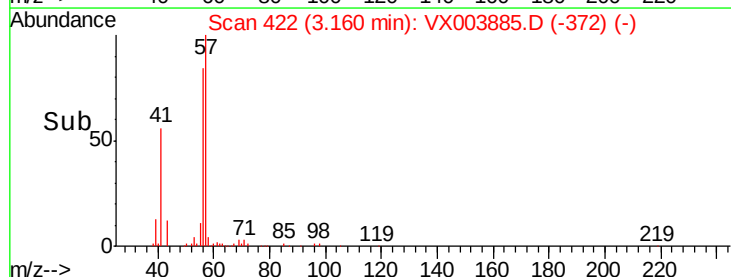
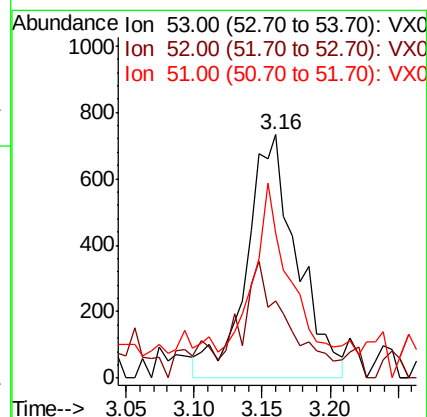
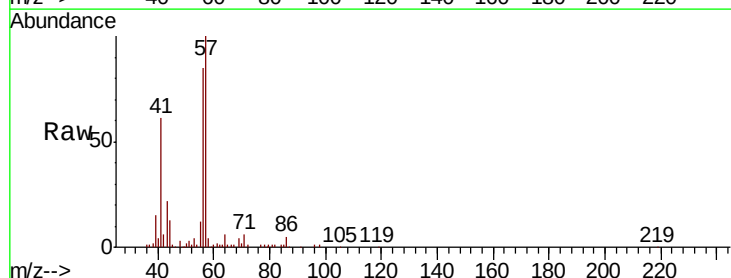
Tgt Ion: 53 Resp: 1899

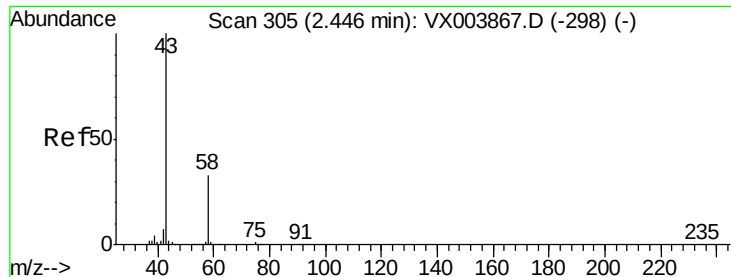
Ion Ratio Lower Upper

53 100

52 28.7 65.3 97.9#

51 48.4 27.9 41.9#





#16

Acetone

Concen: 0.96 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003885.D

Acq: 07 Aug 2018 17:26

Instrument :

MSVOA_X

ClientSampled :

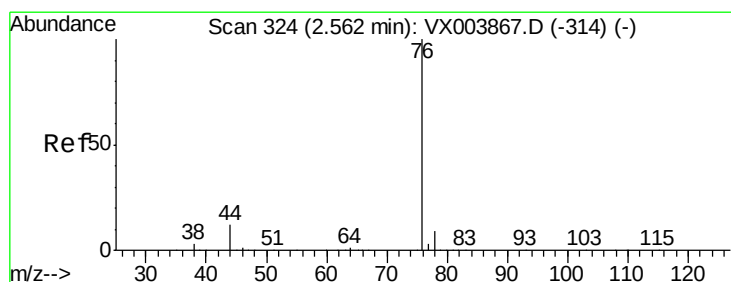
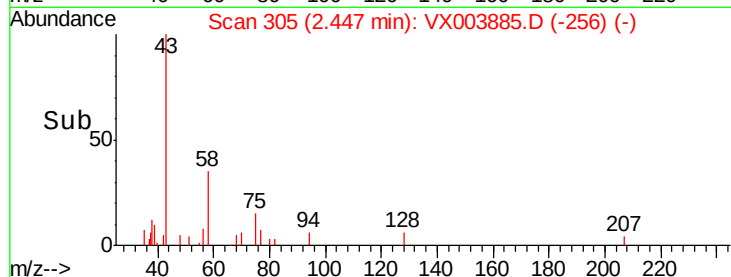
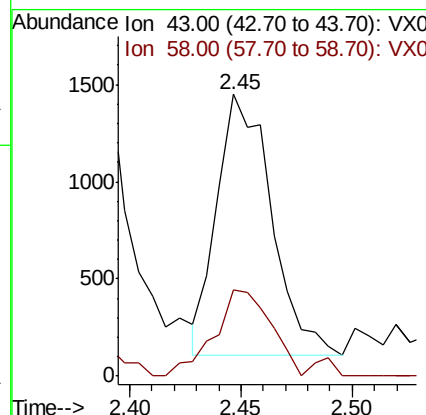
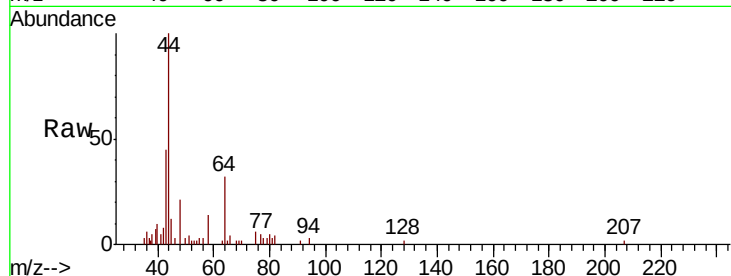
FL-0516DL

Tot Ion: 43 Resp: 2277

Ion Ratio Lower Upper

43 100

58 33.2 26.4 39.6



#17

Carbon Disulfide

Concen: 0.69 ug/l

RT: 2.56 min Scan# 323

Delta R.T. -0.01 min

Lab File: VX003885.D

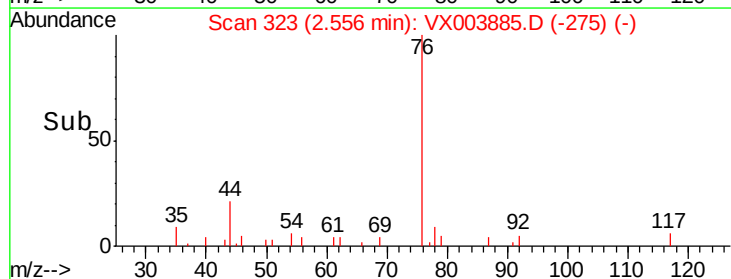
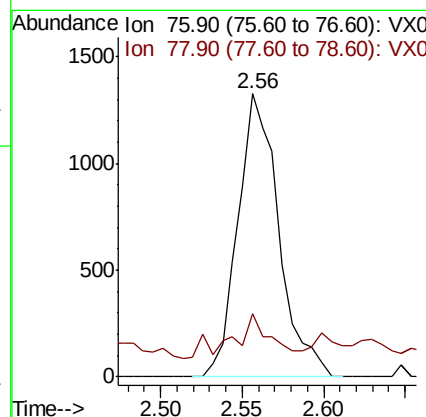
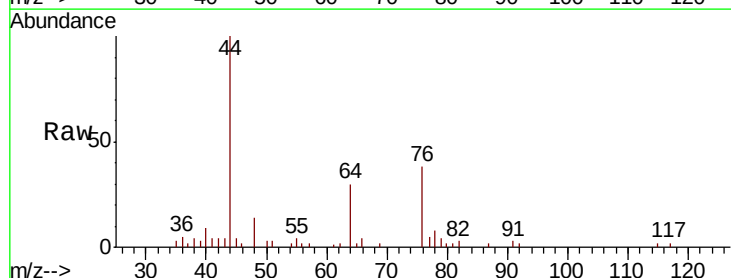
Acq: 07 Aug 2018 17:26

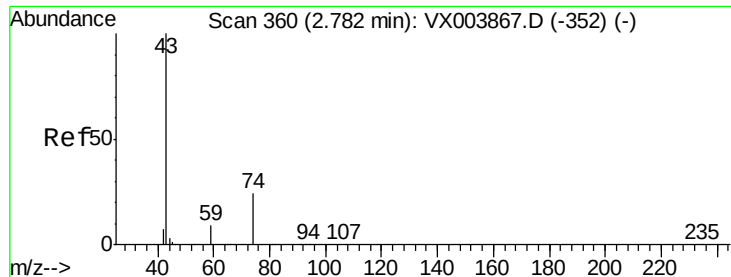
Tgt Ion: 76 Resp: 2320

Ion Ratio Lower Upper

76 100

78 15.2 7.5 11.3#

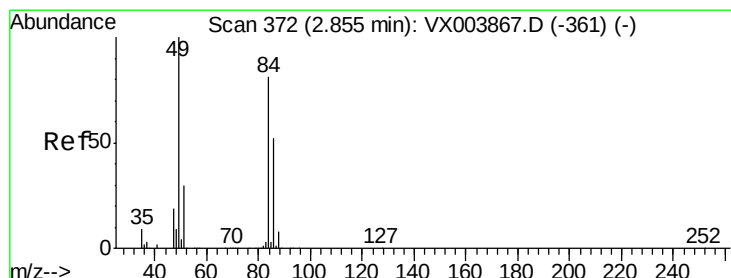
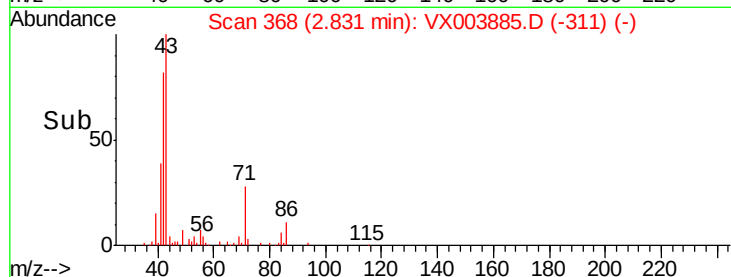
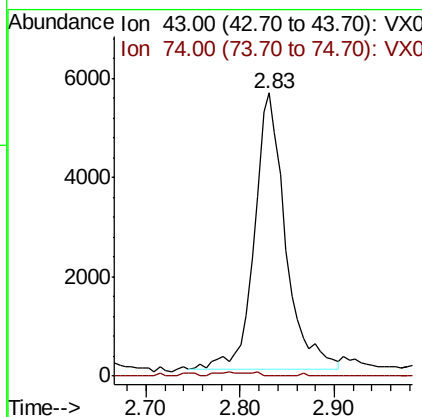
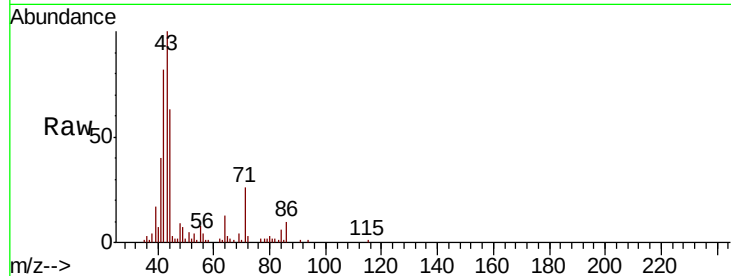




#18
Methyl Acetate
Concen: 2.51 ug/l
RT: 2.83 min Scan# 368
Delta R.T. 0.05 min
Lab File: VX003885.D
Acq: 07 Aug 2018 17:26

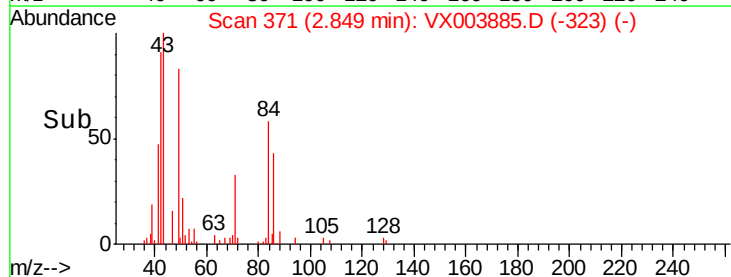
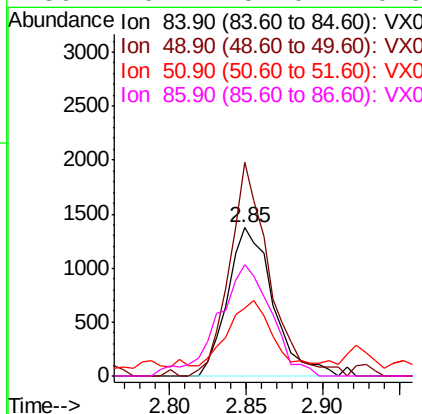
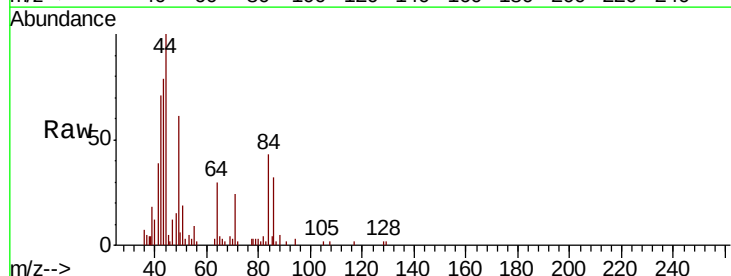
Instrument :
MSVOA_X
ClientSampleId :
FL-0516DL

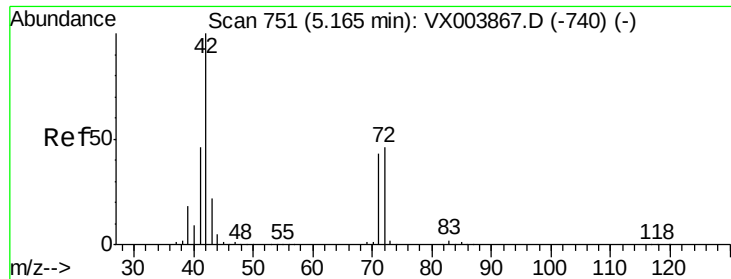
Tot Ion: 43 Resp: 13016
Ion Ratio Lower Upper
43 100
74 0.0 18.9 28.3#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.85 min Scan# 371
Delta R.T. -0.01 min
Lab File: VX003885.D
Acq: 07 Aug 2018 17:26

Tgt Ion: 84 Resp: 2830
Ion Ratio Lower Upper
84 100
49 144.0 98.9 148.3
51 38.8 29.9 44.9
86 75.2 51.0 76.6

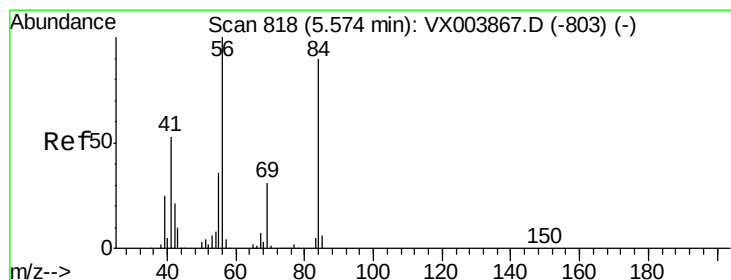
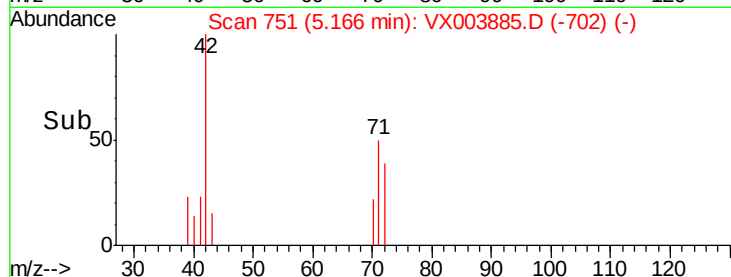
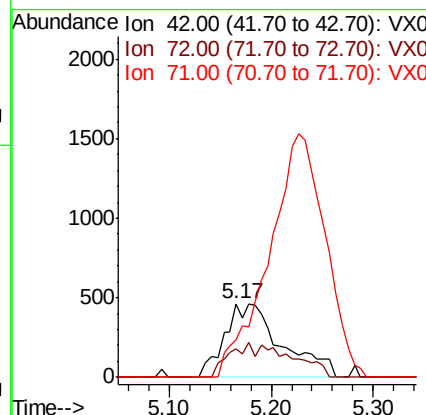
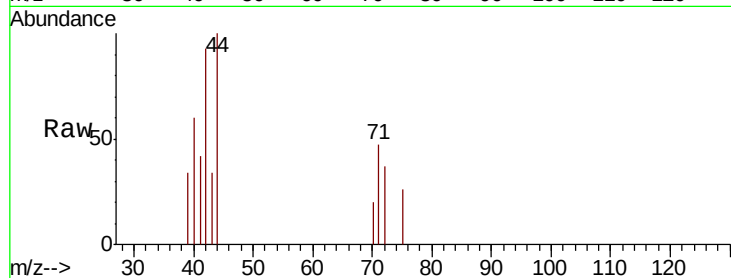




#29
Tetrahydrofuran
Concen: 0.97 ug/l
RT: 5.17 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX003885.D
Acq: 07 Aug 2018 17:26

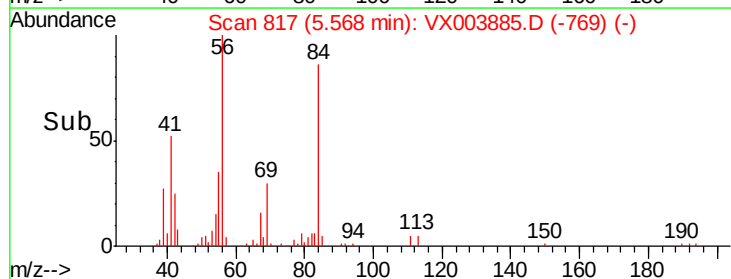
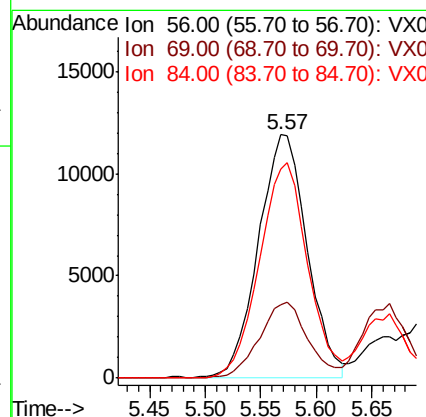
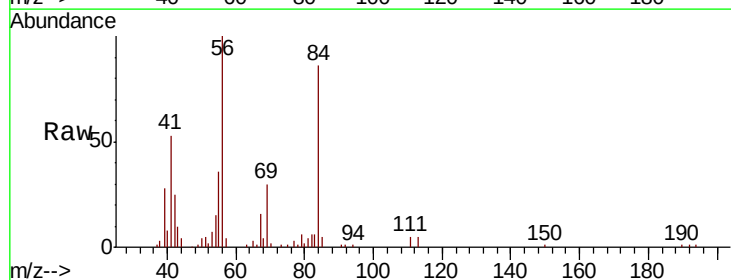
Instrument :
MSVOA_X
ClientSampled :
FL-0516DL

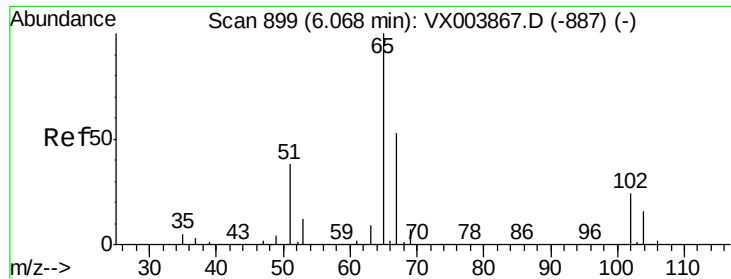
Tot Ion: 42 Resp: 1784
Ion Ratio Lower Upper
42 100
72 21.5 37.7 56.5#
71 0.0 35.0 52.6#



#31
Cyclohexane
Concen: 6.31 ug/l
RT: 5.57 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX003885.D
Acq: 07 Aug 2018 17:26

Tgt Ion: 56 Resp: 36368
Ion Ratio Lower Upper
56 100
69 30.2 24.9 37.3
84 85.9 71.7 107.5

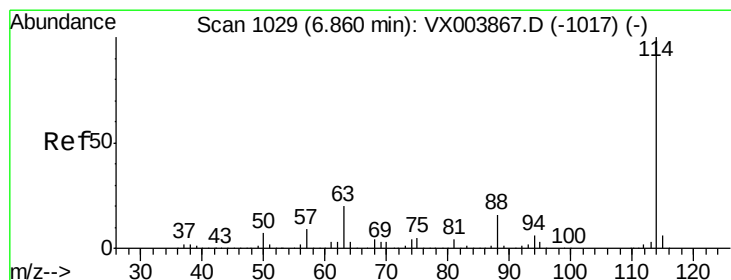
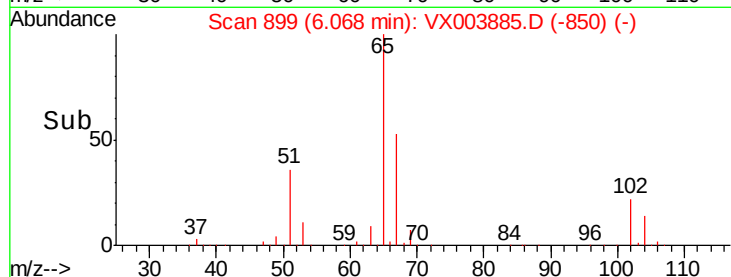
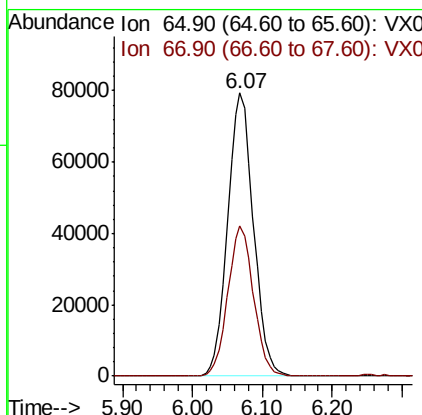
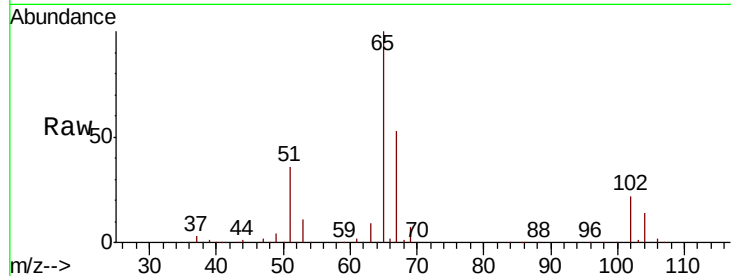




#33
 1,2-Dichloroethane-d4
 Concen: 50.76 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX003885.D
 Acq: 07 Aug 2018 17:26

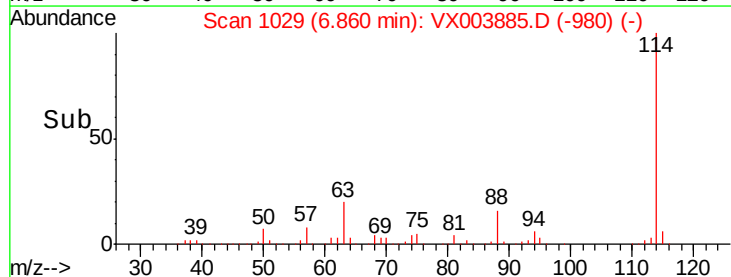
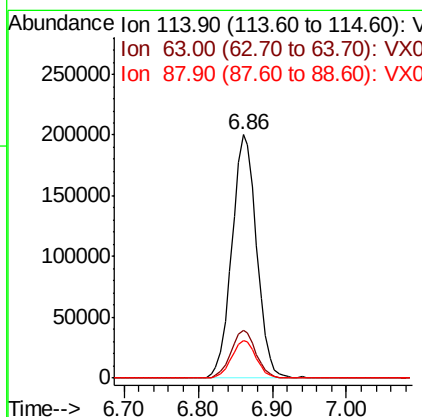
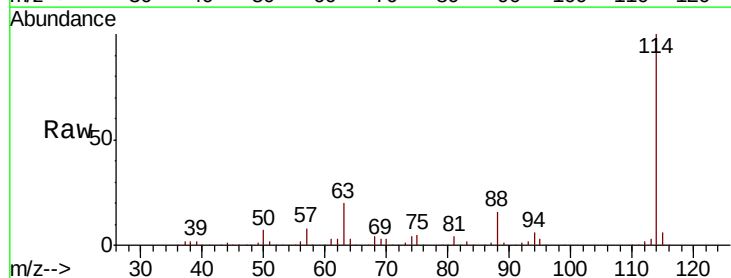
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0516DL

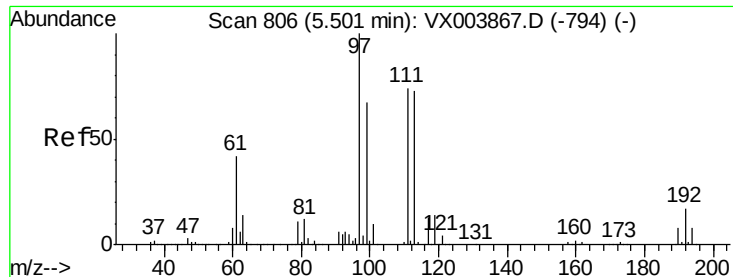
Tot Ion: 65 Resp: 203099
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: VX003885.D
 Acq: 07 Aug 2018 17:26

Tgt Ion: 114 Resp: 466378
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.0
 88 15.7 0.0 32.0





#35

Dibromofluoromethane

Concen: 48.36 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX003885.D

Acq: 07 Aug 2018 17:26

Instrument :

MSVOA_X

ClientSampleId :

FL-0516DL

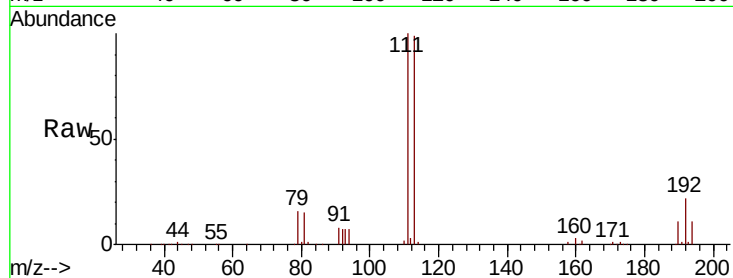
Tot Ion:113 Resp: 170869

Ion Ratio Lower Upper

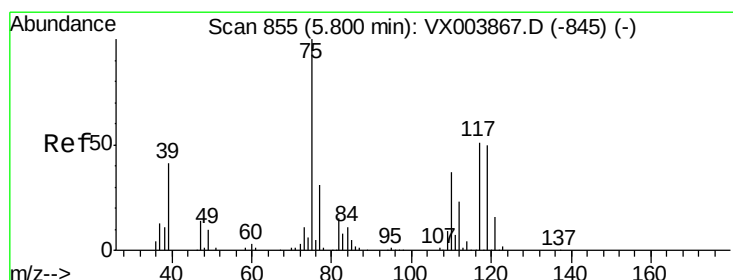
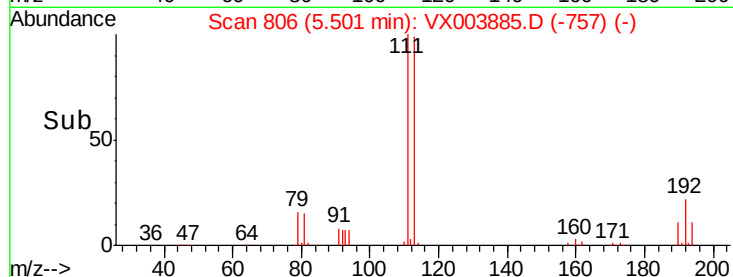
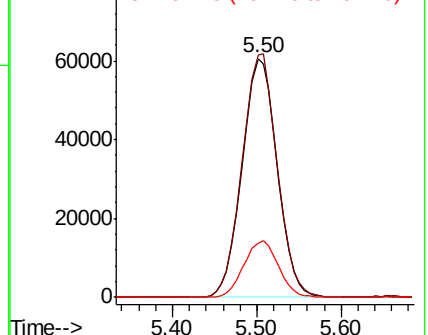
113 100

111 101.9 82.0 123.0

192 23.4 19.0 28.4



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: 3.93 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.14 min

Lab File: VX003885.D

Acq: 07 Aug 2018 17:26

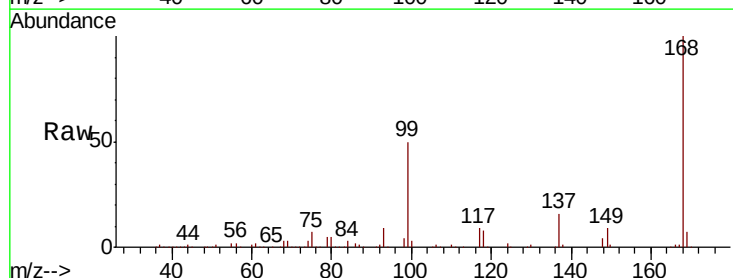
Tgt Ion: 75 Resp: 20545

Ion Ratio Lower Upper

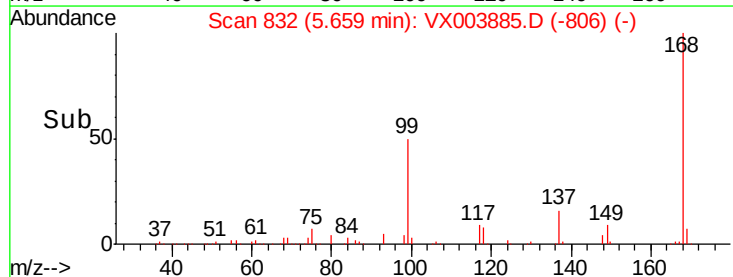
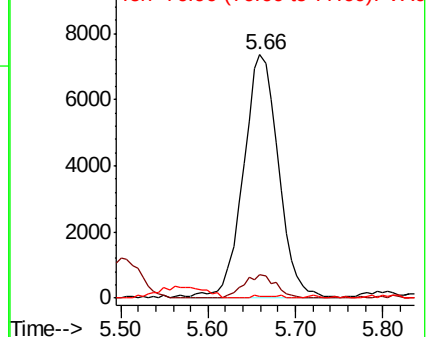
75 100

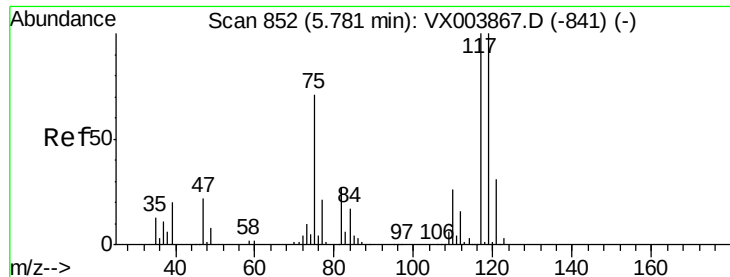
110 8.9 18.2 54.6#

77 0.5 25.0 37.4#



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VX0

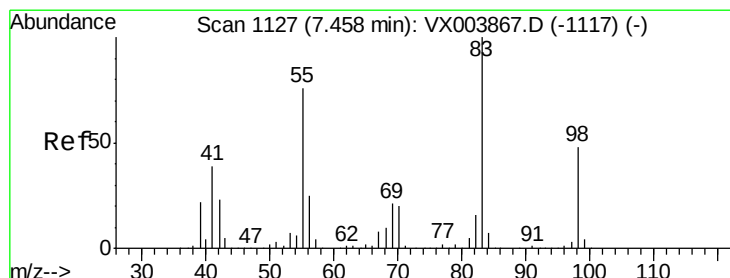
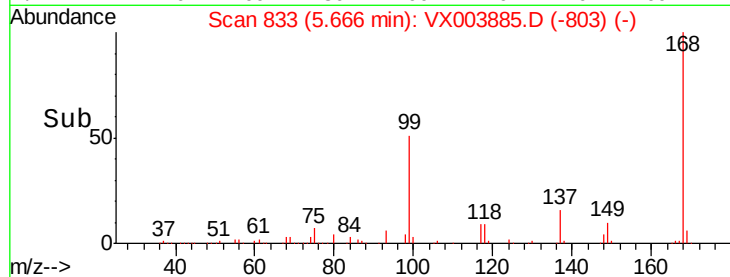
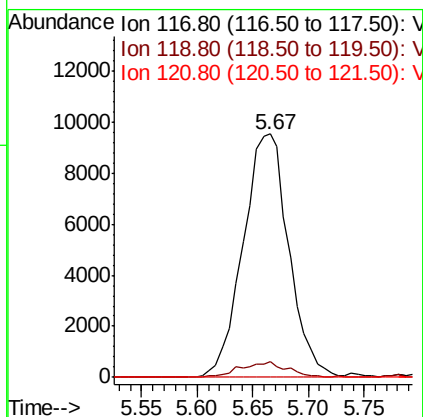
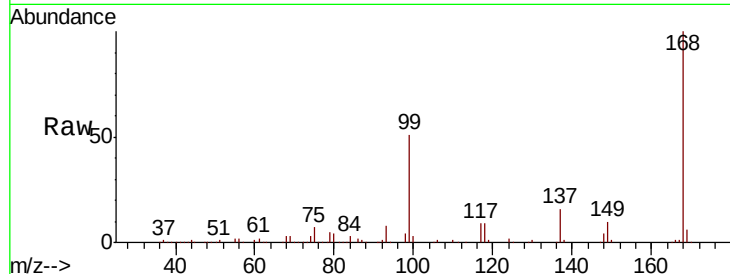




#38
Carbon Tetrachloride
Concen: 5.48 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX003885.D
Acq: 07 Aug 2018 17:26

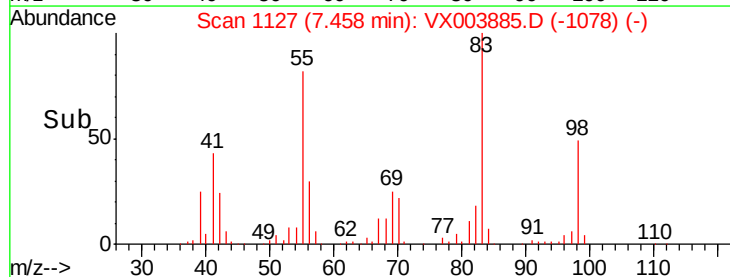
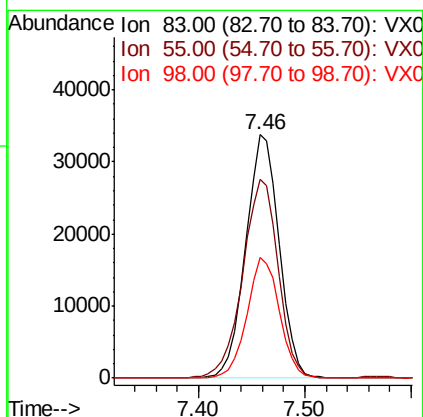
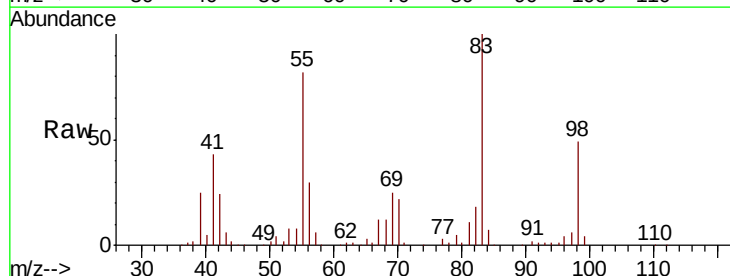
Instrument :
MSVOA_X
ClientSampleId :
FL-0516DL

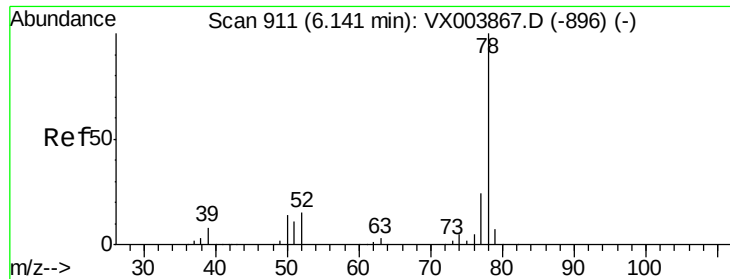
Tot Ion:117 Resp: 27243
Ion Ratio Lower Upper
117 100
119 6.5 79.5 119.3#
121 0.0 25.0 37.4#



#39
Methylcyclohexane
Concen: 12.12 ug/l
RT: 7.46 min Scan# 1127
Delta R.T. 0.00 min
Lab File: VX003885.D
Acq: 07 Aug 2018 17:26

Tgt Ion: 83 Resp: 74637
Ion Ratio Lower Upper
83 100
55 81.7 61.0 91.6
98 49.4 38.6 57.8





#40

Benzene

Concen: 0.37 ug/l

RT: 6.15 min Scan# 912

Delta R.T. 0.01 min

Lab File: VX003885.D

Acq: 07 Aug 2018 17:26

Instrument :

MSVOA_X

ClientSampleId :

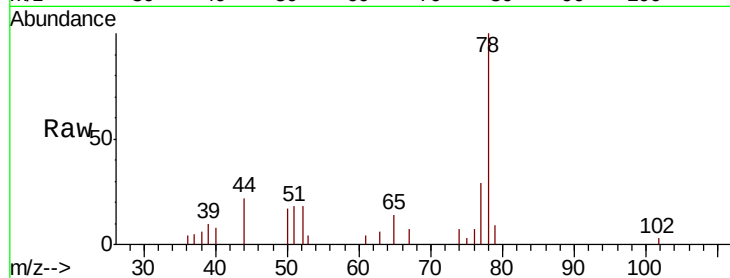
FL-0516DL

Tot Ion: 78 Resp: 5759

Ion Ratio Lower Upper

78 100

77 28.6 19.0 28.4#



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

6.15

2500

2000

1500

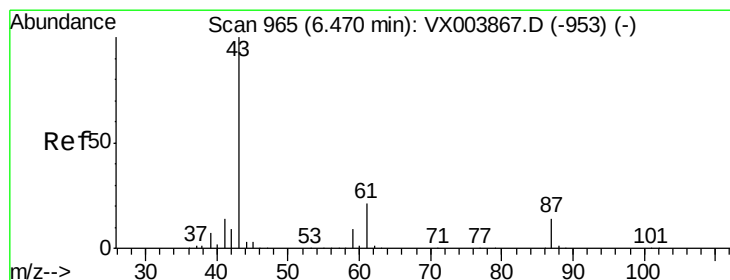
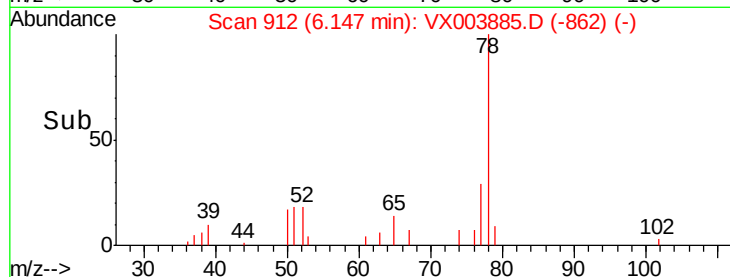
1000

500

0

6.05 6.10 6.15 6.20

Time-->



#43

Isopropyl Acetate

Concen: 0.25 ug/l

RT: 6.45 min Scan# 962

Delta R.T. -0.02 min

Lab File: VX003885.D

Acq: 07 Aug 2018 17:26

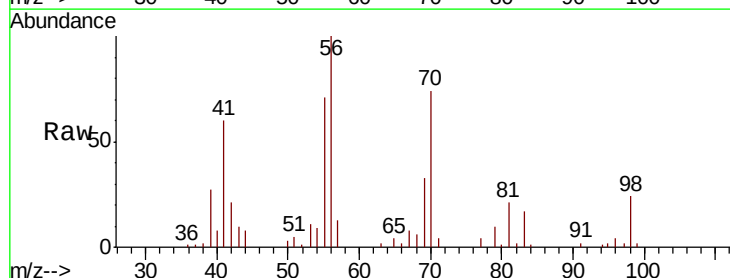
Tgt Ion: 43 Resp: 2133

Ion Ratio Lower Upper

43 100

61 0.0 16.9 25.3#

87 0.0 11.3 16.9#



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

800

600

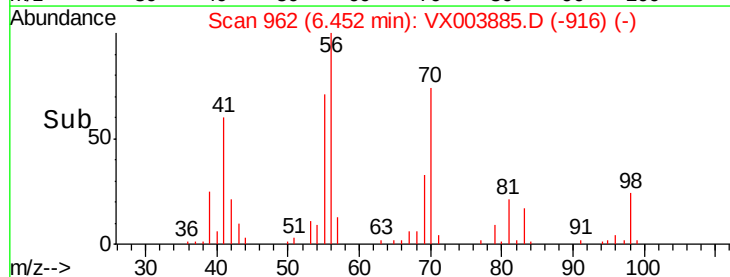
400

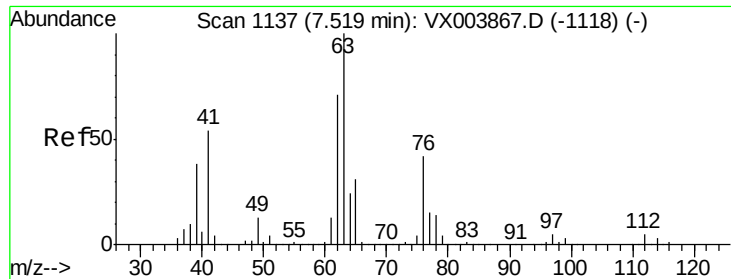
200

0

6.35 6.40 6.45 6.50 6.55

Time-->

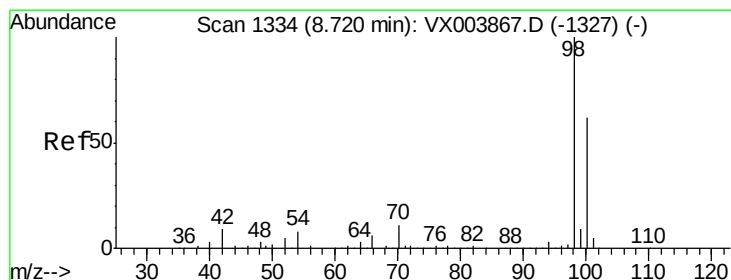
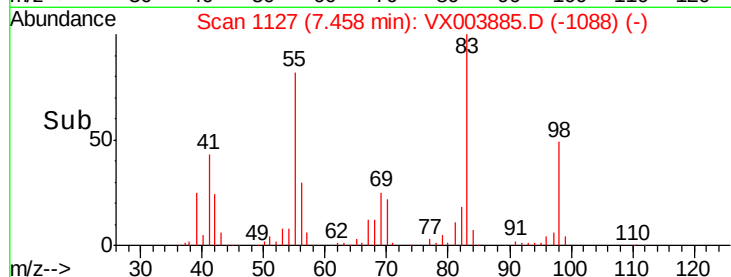
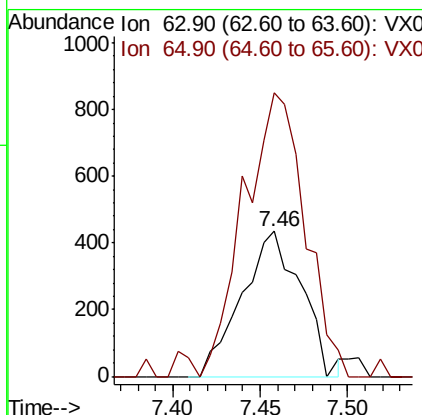
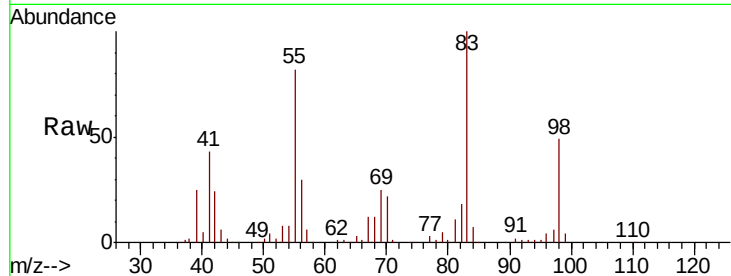




#45
 1,2-Dichloropropane
 Concen: 0.26 ug/l
 RT: 7.46 min Scan# 1127
 Delta R.T. -0.06 min
 Lab File: VX003885.D
 Acq: 07 Aug 2018 17:26

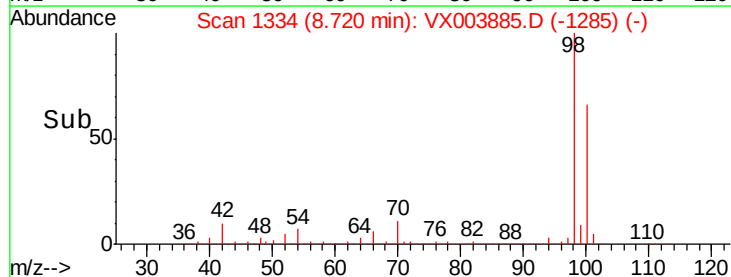
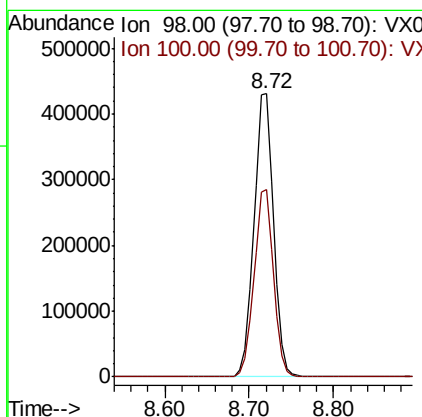
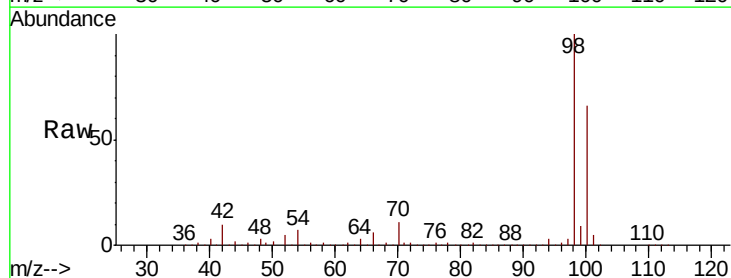
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0516DL

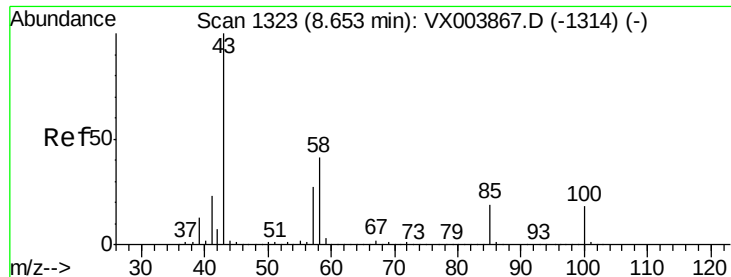
Tot Ion: 63 Resp: 1033
 Ion Ratio Lower Upper
 63 100
 65 182.5 24.6 36.8#



#50
 Toluene-d8
 Concen: 49.30 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX003885.D
 Acq: 07 Aug 2018 17:26

Tgt Ion: 98 Resp: 677416
 Ion Ratio Lower Upper
 98 100
 100 65.5 53.3 79.9





#51

4-Methyl-2-Pentanone

Concen: 0.27 ug/l

RT: 8.66 min Scan# 1325

Delta R.T. 0.01 min

Lab File: VX003885.D

Acq: 07 Aug 2018 17:26

Instrument :

MSVOA_X

ClientSampleId :

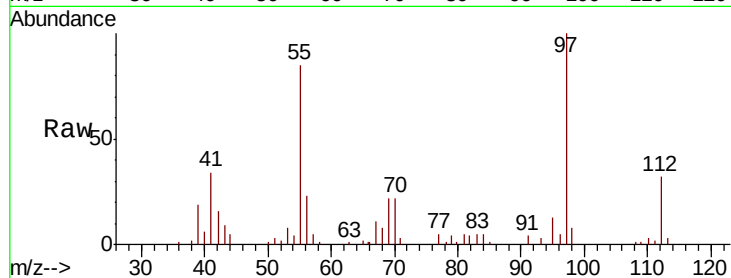
FL-0516DL

Tot Ion: 43 Resp: 1926

Ion Ratio Lower Upper

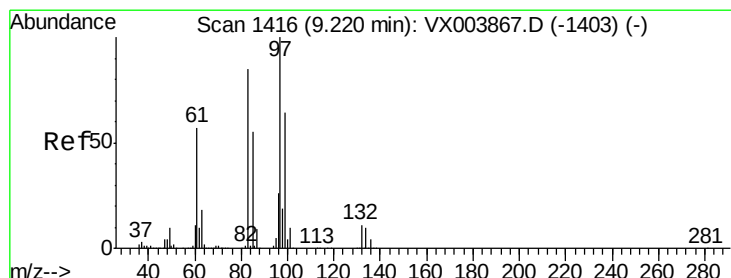
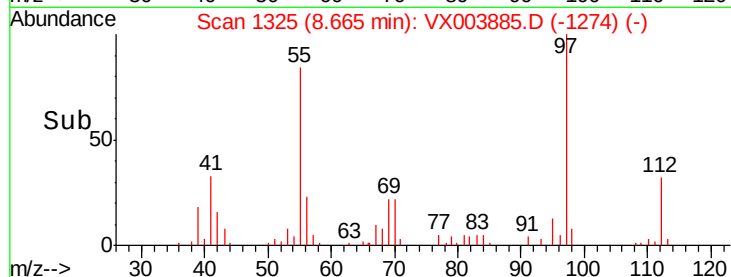
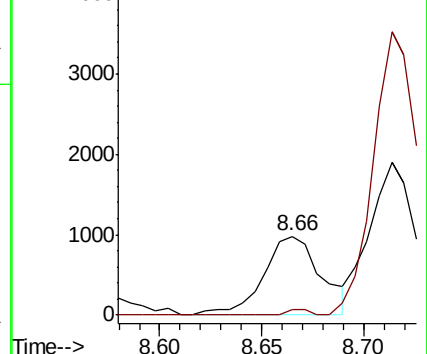
43 100

58 0.0 33.0 49.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#55

1,1,2-Trichloroethane

Concen: 2.73 ug/l

RT: 9.16 min Scan# 1407

Delta R.T. -0.05 min

Lab File: VX003885.D

Acq: 07 Aug 2018 17:26

Tgt Ion: 97 Resp: 11073

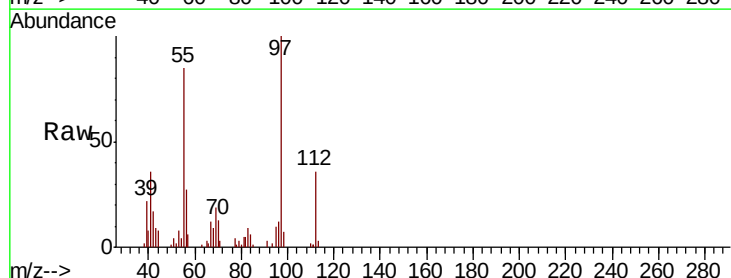
Ion Ratio Lower Upper

97 100

83 8.6 67.8 101.6#

85 1.2 44.2 66.2#

99 0.0 50.8 76.2#

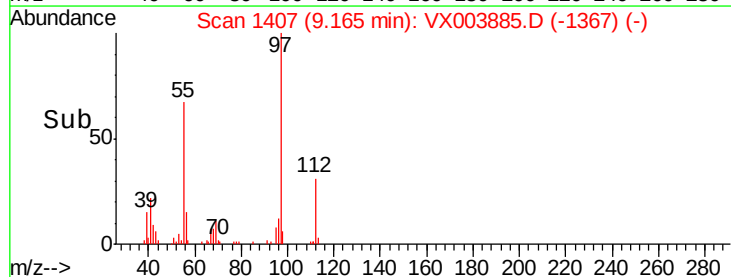
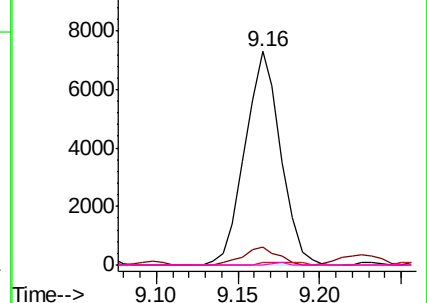


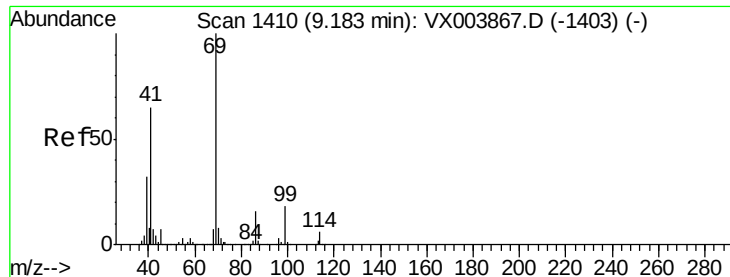
Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0





#56

Ethyl methacrylate

Concen: 0.44 ug/l

RT: 9.16 min Scan# 1406

Delta R.T. -0.02 min

Lab File: VX003885.D

Acq: 07 Aug 2018 17:26

Instrument :

MSVOA_X

ClientSampleId :

FL-0516DL

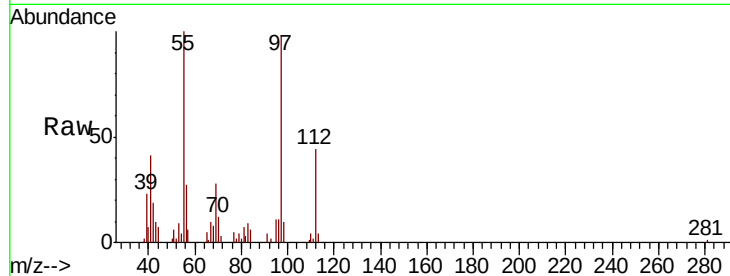
Tot Ion: 69 Resp: 2599

Ion Ratio Lower Upper

69 100

41 167.6 50.6 76.0#

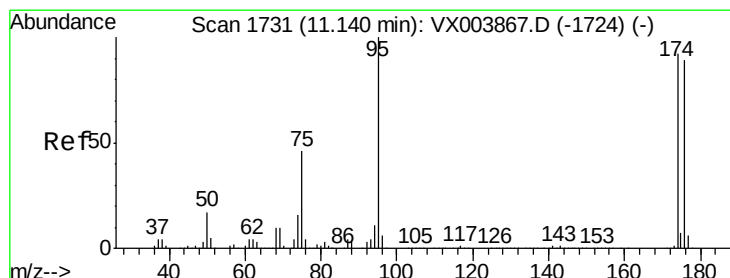
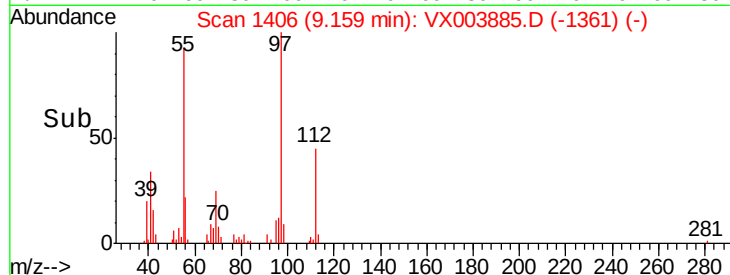
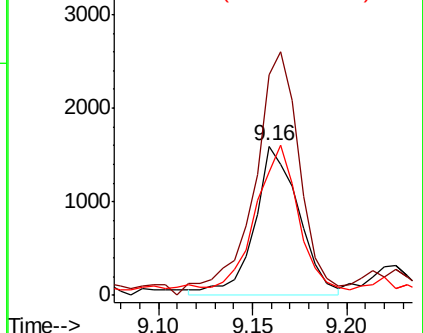
39 90.3 25.8 38.6#



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#62

4-Bromofluorobenzene

Concen: 55.73 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003885.D

Acq: 07 Aug 2018 17:26

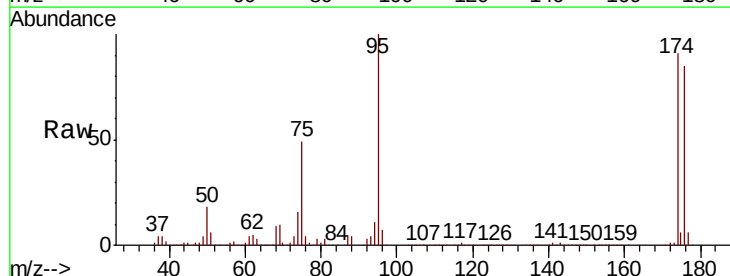
Tgt Ion: 95 Resp: 247780

Ion Ratio Lower Upper

95 100

174 89.3 0.0 182.8

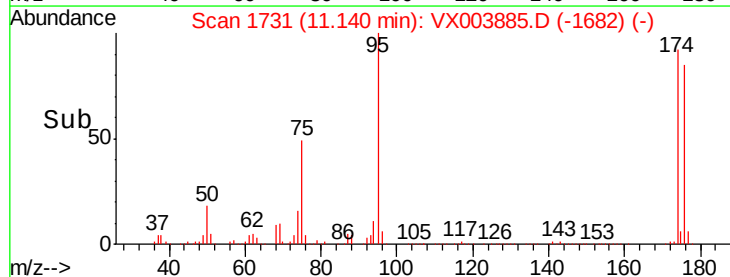
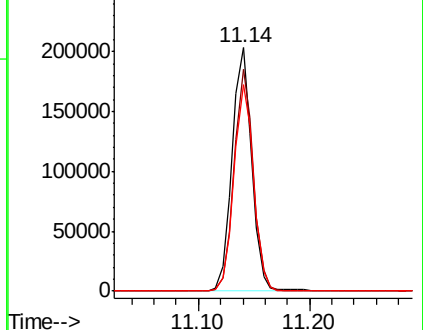
176 85.1 0.0 179.0

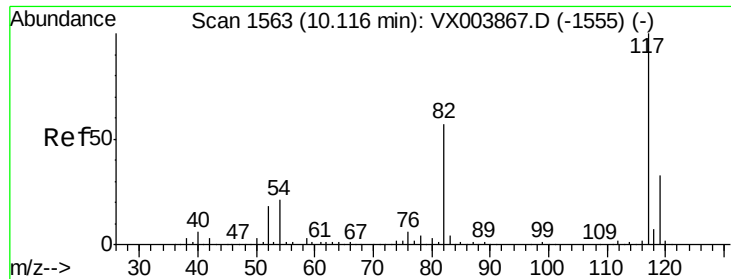


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

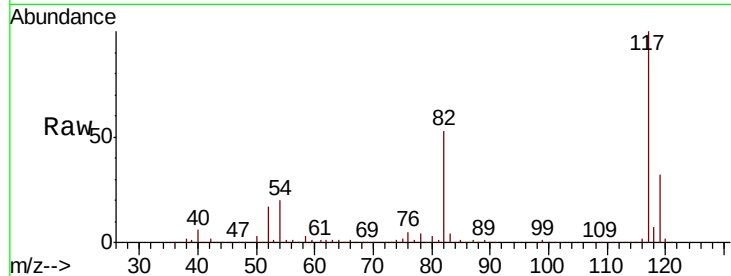




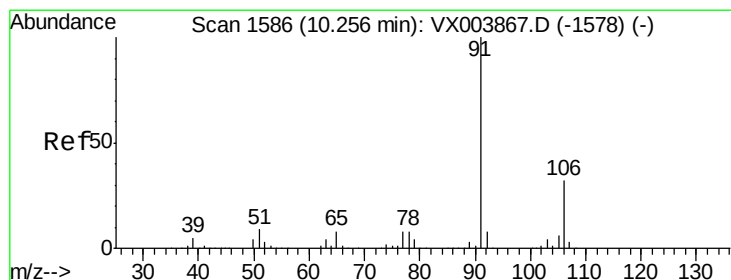
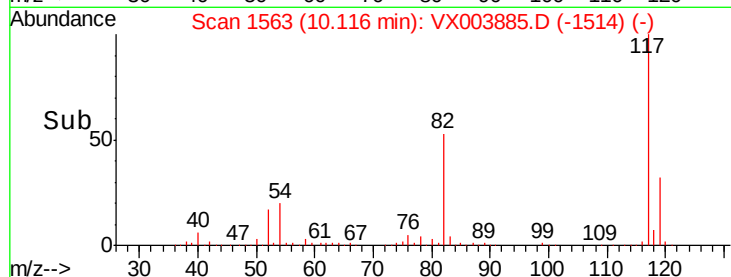
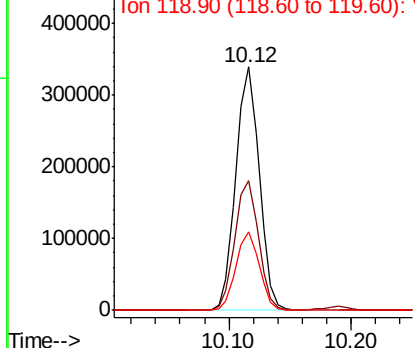
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003885.D
Acq: 07 Aug 2018 17:26

Instrument :
MSVOA_X
ClientSampled :
FL-0516DL

Tot Ion:117 Resp: 448801
Ion Ratio Lower Upper
117 100
82 53.1 45.4 68.0
119 32.3 26.6 40.0

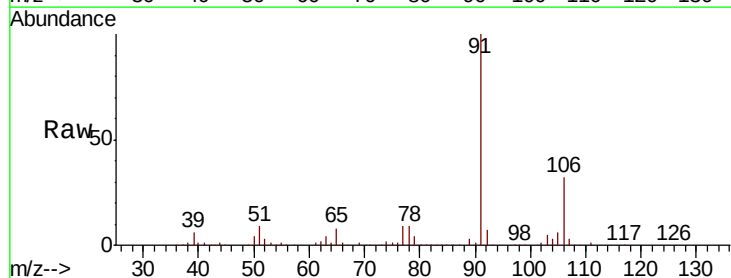


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

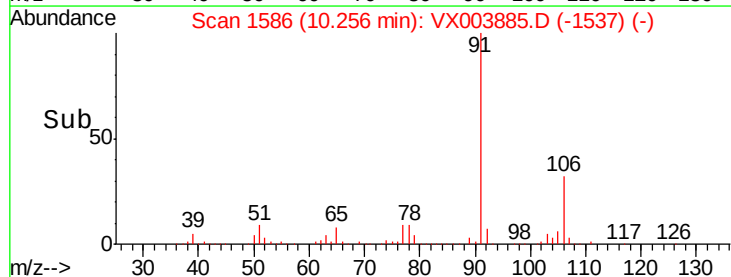
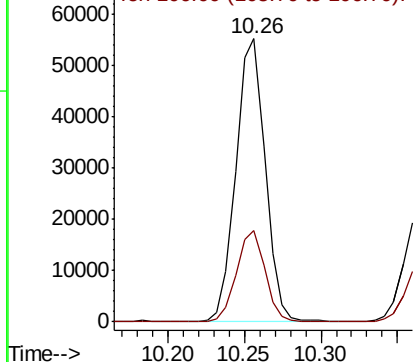


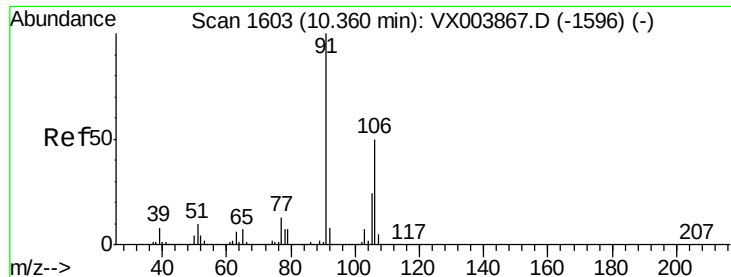
#67
Ethyl Benzene
Concen: 3.85 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003885.D
Acq: 07 Aug 2018 17:26

Tgt Ion: 91 Resp: 73686
Ion Ratio Lower Upper
91 100
106 32.4 25.9 38.9



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





#68

m/p-Xvlenes

Concen: 1.78 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VX003885.D

Acq: 07 Aug 2018 17:26

Instrument :

MSVOA_X

ClientSampled :

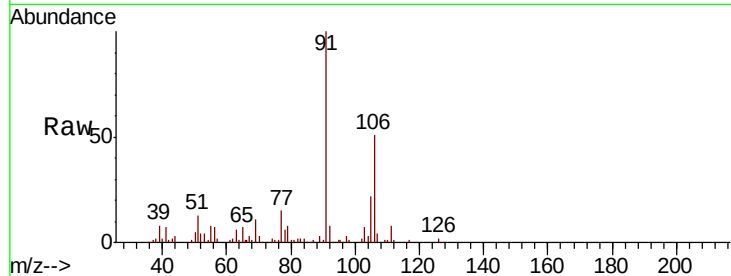
FL-0516DL

Tot Ion:106 Resp: 13301

Ion Ratio Lower Upper

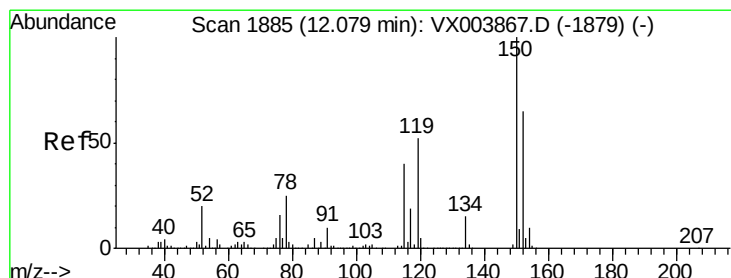
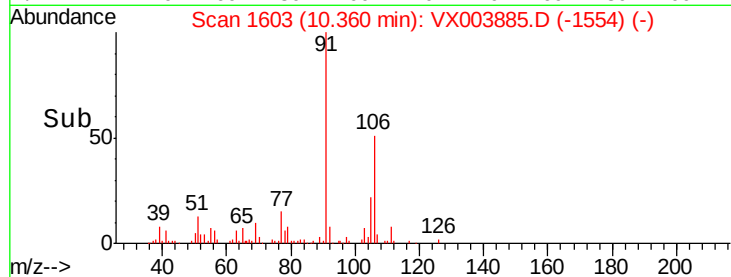
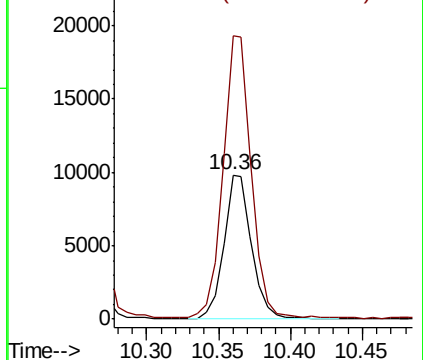
106 100

91 197.3 162.3 243.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003885.D

Acq: 07 Aug 2018 17:26

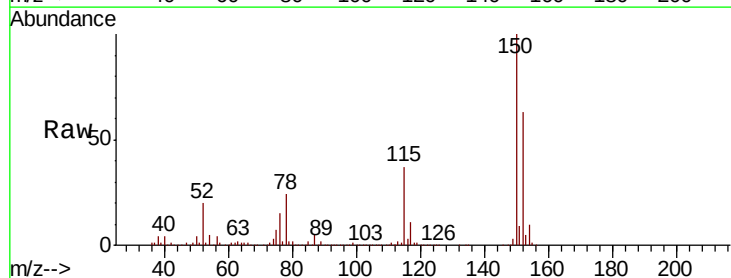
Tgt Ion:152 Resp: 226025

Ion Ratio Lower Upper

152 100

115 57.0 39.1 117.3

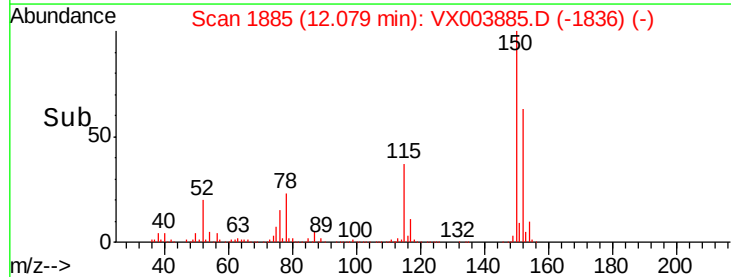
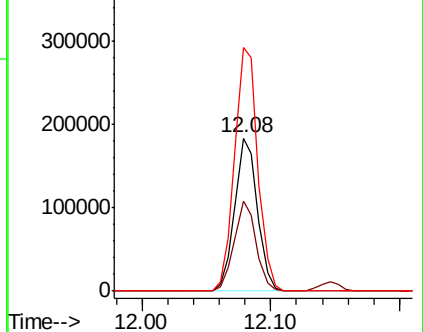
150 162.7 0.0 349.2

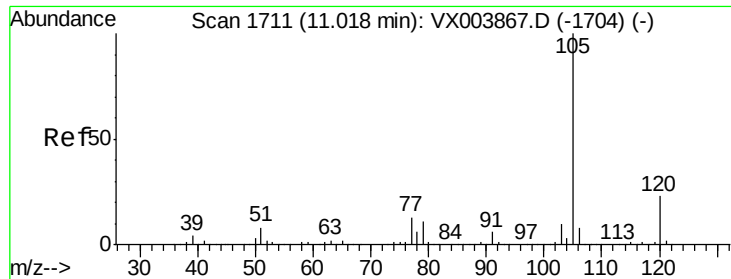


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 2.94 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX003885.D

Acq: 07 Aug 2018 17:26

Instrument :

MSVOA_X

ClientSampled :

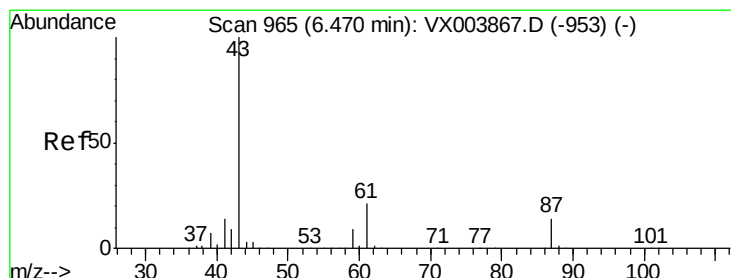
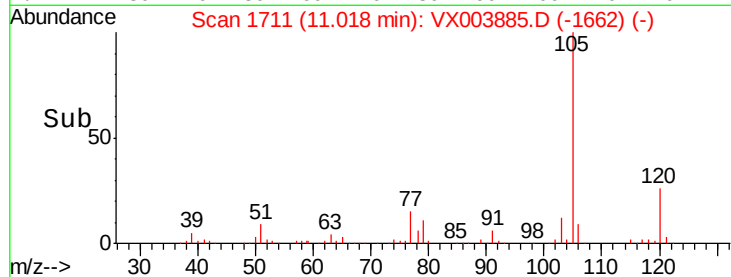
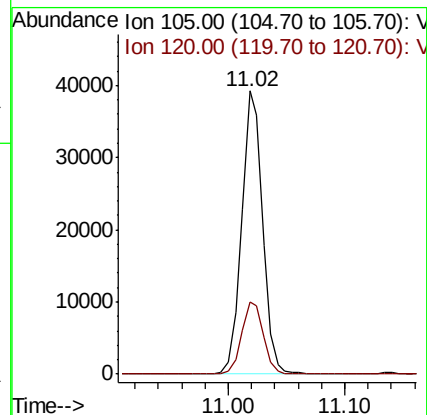
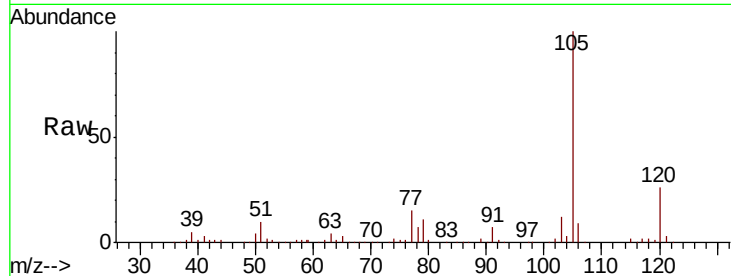
FL-0516DL

Tot Ion:105 Resp: 49150

Ion Ratio Lower Upper

105 100

120 26.3 12.6 37.8



#74

N-ethyl acetate

Concen: 0.25 ug/l

RT: 6.45 min Scan# 962

Delta R.T. -0.02 min

Lab File: VX003885.D

Acq: 07 Aug 2018 17:26

Tgt Ion: 43 Resp: 2133

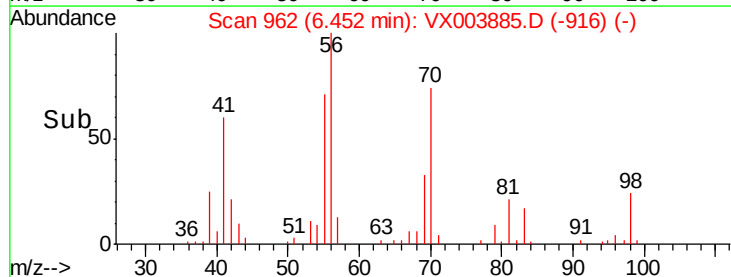
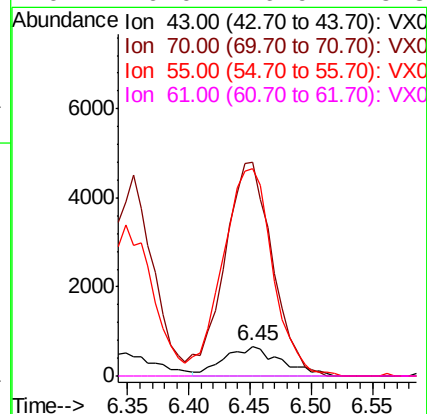
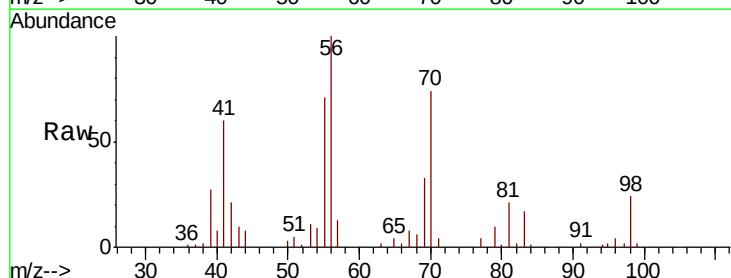
Ion Ratio Lower Upper

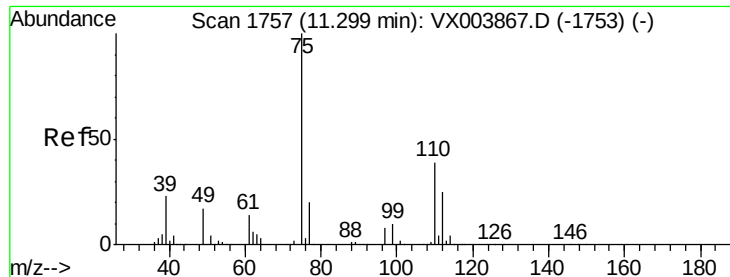
43 100

70 615.4 0.0 0.0#

55 621.3 0.1 0.1#

61 0.0 16.9 25.3#





#76

1,2,3-Trichloropropane

Concen: 23.73 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX003885.D

Acq: 07 Aug 2018 17:26

Instrument :

MSVOA_X

ClientSampled :

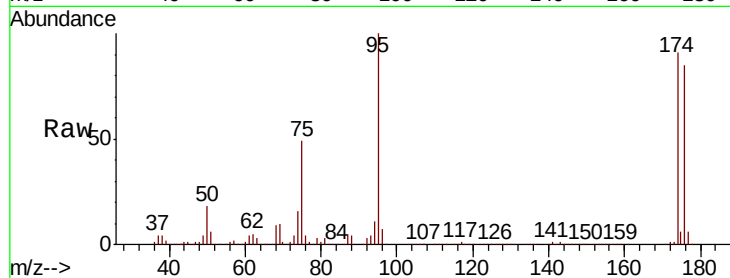
FL-0516DL

Tot Ion: 75 Resp: 118460

Ion Ratio Lower Upper

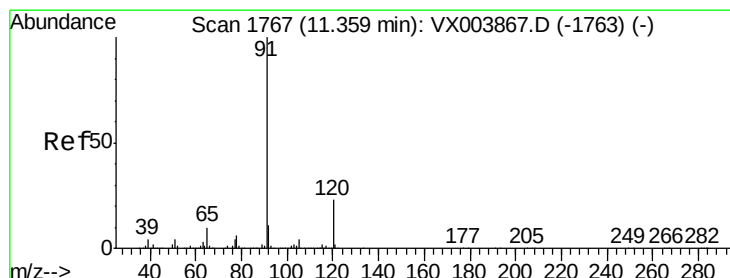
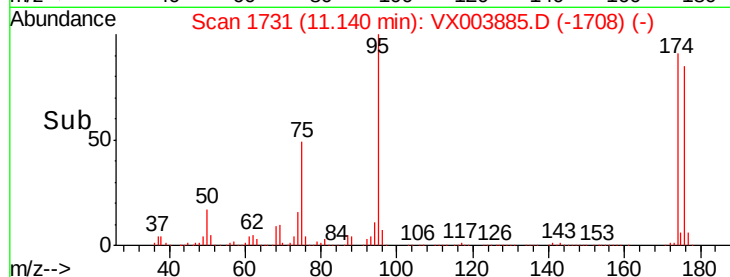
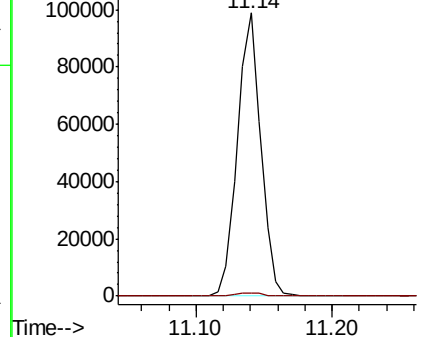
75 100

77 1.4 20.8 62.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#78

n-propylbenzene

Concen: 4.46 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX003885.D

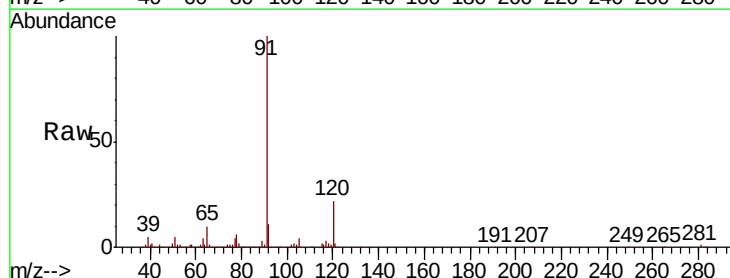
Acq: 07 Aug 2018 17:26

Tgt Ion: 91 Resp: 83822

Ion Ratio Lower Upper

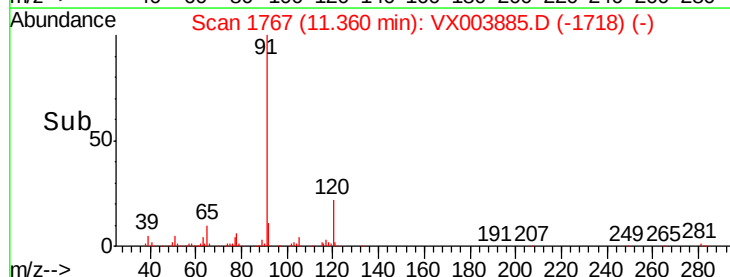
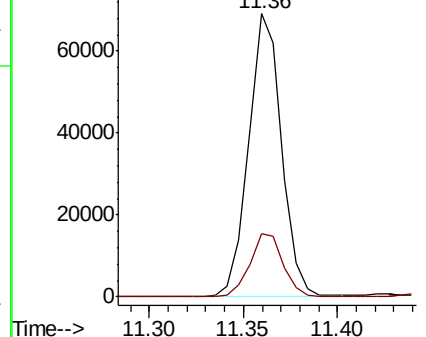
91 100

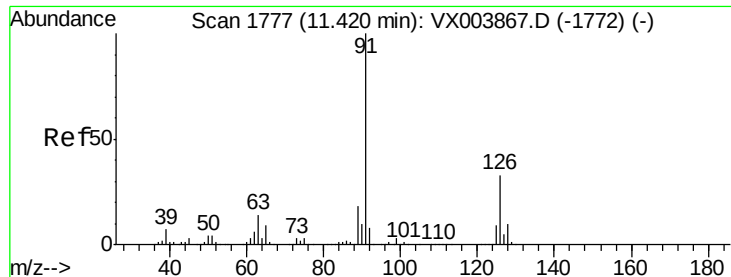
120 22.8 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

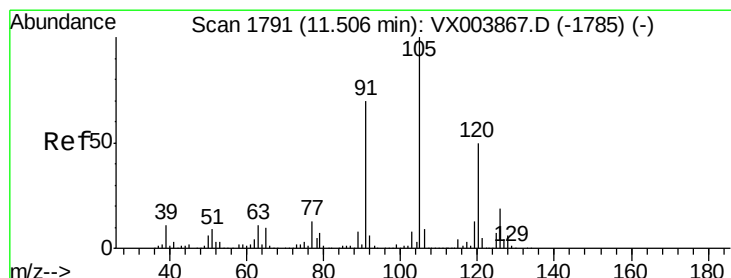
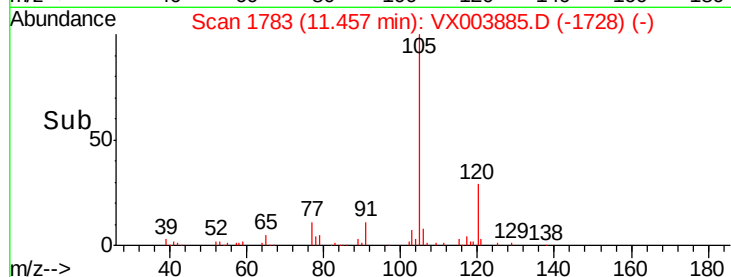
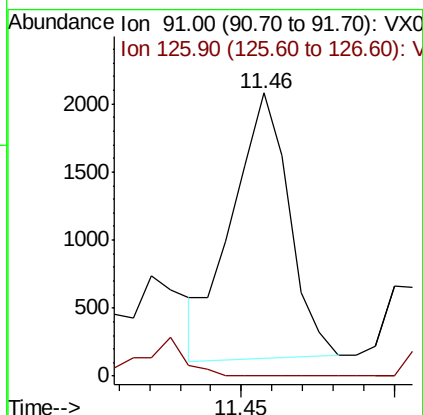
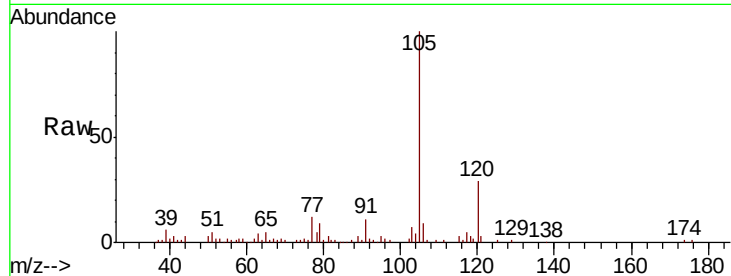




#79
2-Chlorotoluene
Concen: 0.22 ug/l
RT: 11.46 min Scan# 1783
Delta R.T. 0.04 min
Lab File: VX003885.D
Acq: 07 Aug 2018 17:26

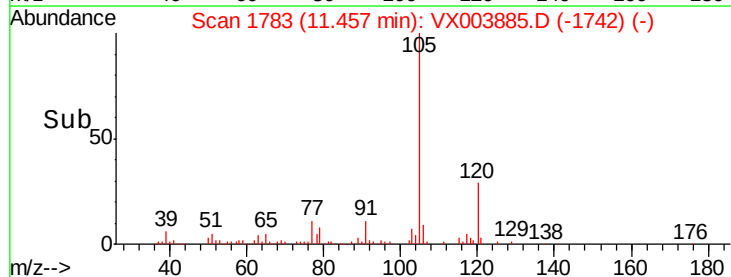
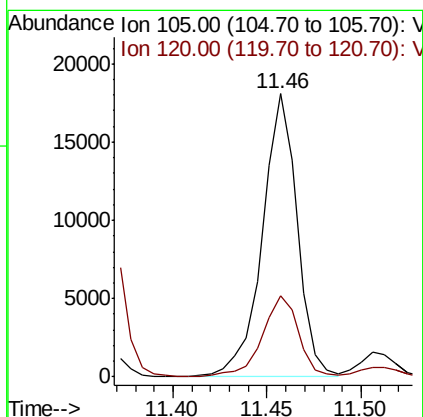
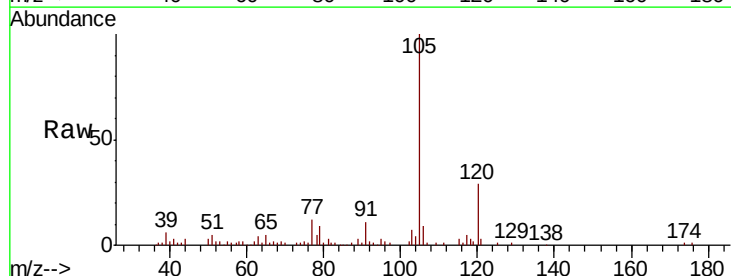
Instrument :
MSVOA_X
ClientSampled :
FL-0516DL

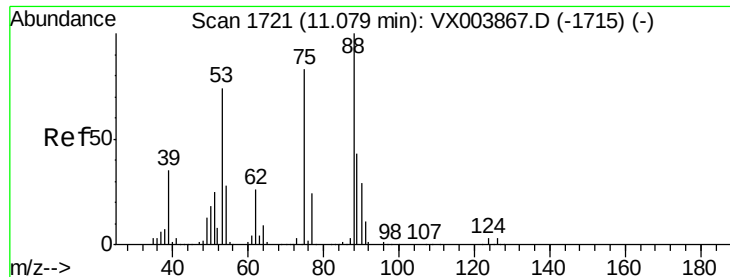
Tot Ion: 91 Resp: 2519
Ion Ratio Lower Upper
91 100
126 0.0 17.4 52.3#



#80
1,3,5-Trimethylbenzene
Concen: 1.70 ug/l
RT: 11.46 min Scan# 1783
Delta R.T. -0.05 min
Lab File: VX003885.D
Acq: 07 Aug 2018 17:26

Tgt Ion:105 Resp: 23209
Ion Ratio Lower Upper
105 100
120 0.0 25.4 76.2#





#81

trans-1,4-Dichloro-2-butene

Concen: 63.90 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX003885.D

Acq: 07 Aug 2018 17:26

Instrument :

MSVOA_X

ClientSampled :

FL-0516DL

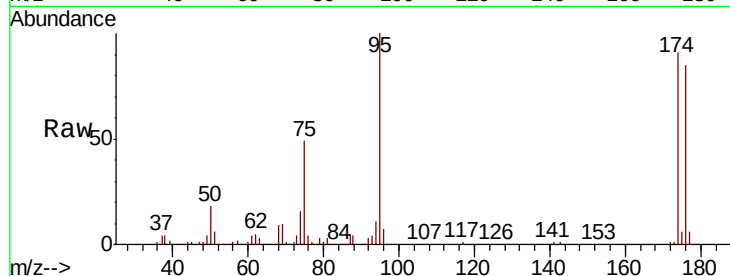
Tot Ion: 75 Resp: 118460

Ion Ratio Lower Upper

75 100

53 0.1 80.3 120.5#

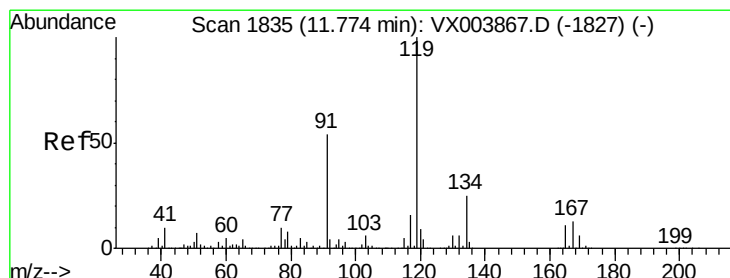
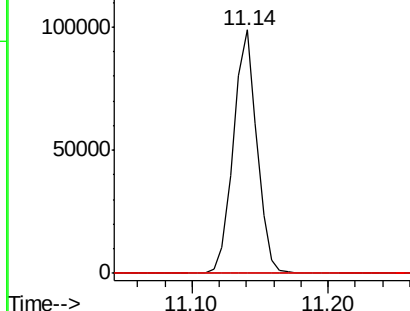
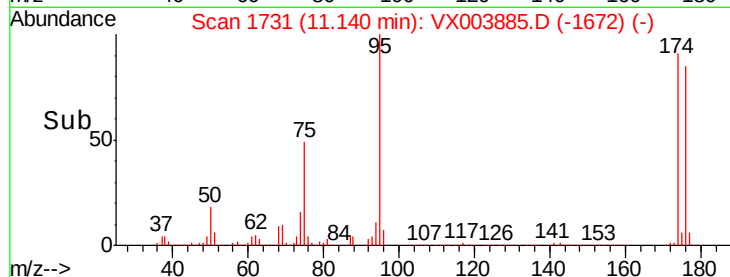
89 0.0 37.8 56.8#



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



#83

tert-Butylbenzene

Concen: 8.59 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. 0.04 min

Lab File: VX003885.D

Acq: 07 Aug 2018 17:26

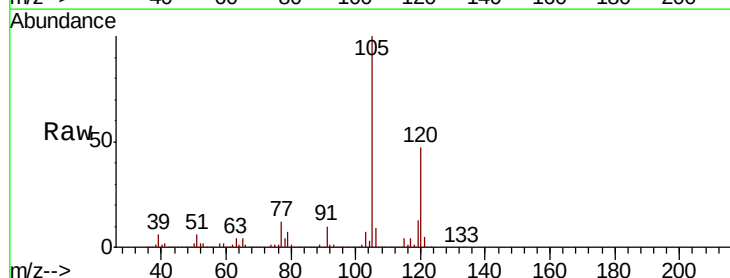
Tgt Ion: 119 Resp: 115190

Ion Ratio Lower Upper

119 100

91 80.7 26.9 80.7

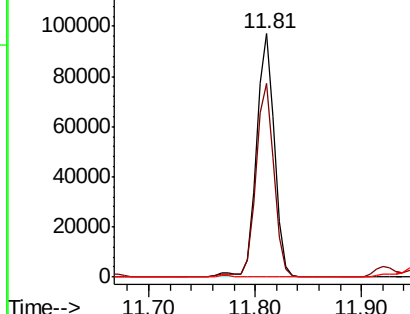
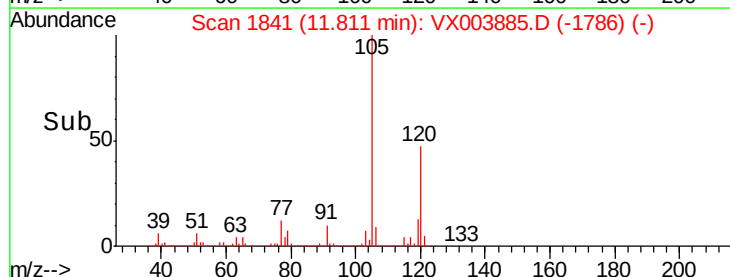
134 0.6 12.0 36.0#

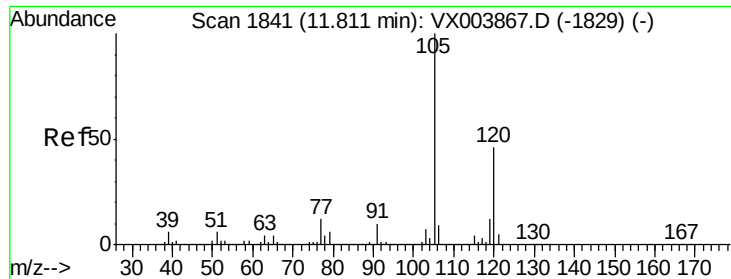


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V

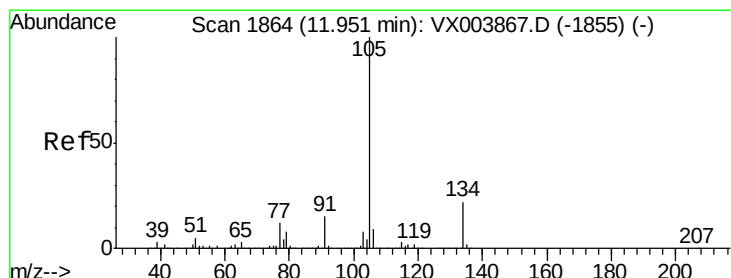
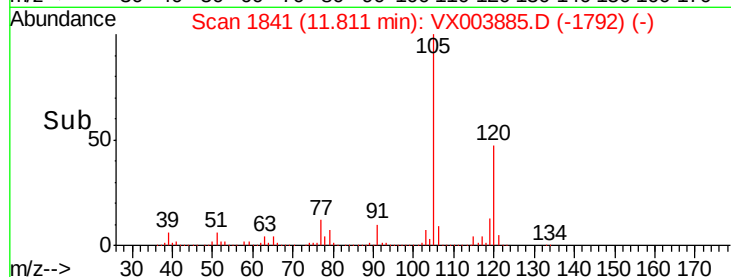
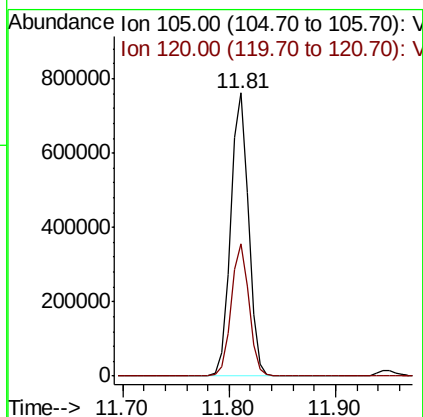
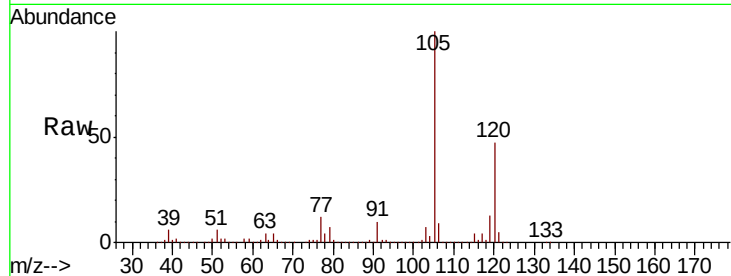




#84
 1,2,4-Trimethylbenzene
 Concen: 65.52 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003885.D
 Acq: 07 Aug 2018 17:26

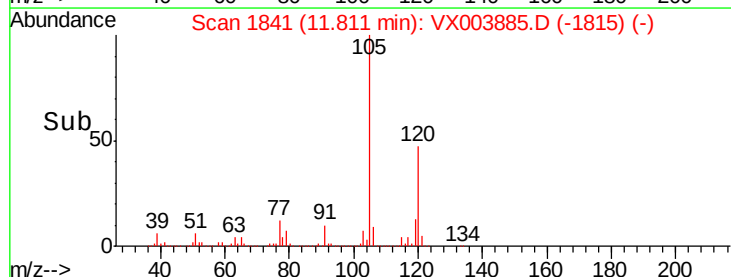
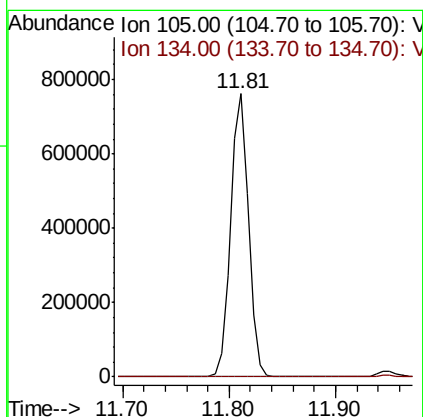
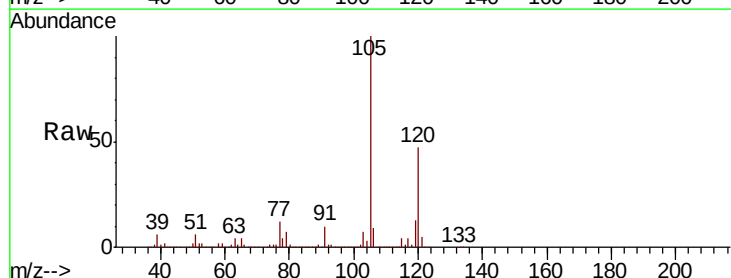
Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0516DL

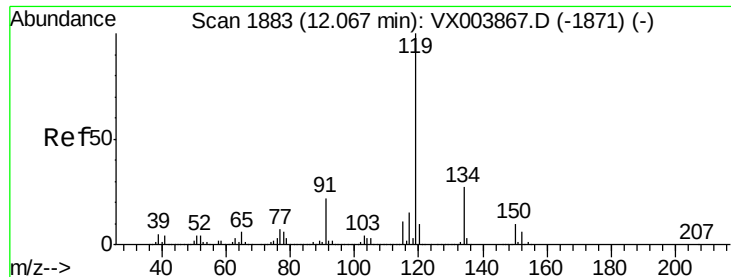
Tot Ion:105 Resp: 898154
 Ion Ratio Lower Upper
 105 100
 120 46.4 23.1 69.2



#85
 sec-Butylbenzene
 Concen: 56.74 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.14 min
 Lab File: VX003885.D
 Acq: 07 Aug 2018 17:26

Tgt Ion:105 Resp: 898154
 Ion Ratio Lower Upper
 105 100
 134 0.1 10.3 30.9#

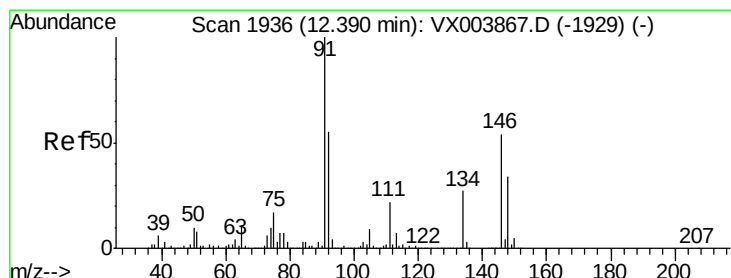
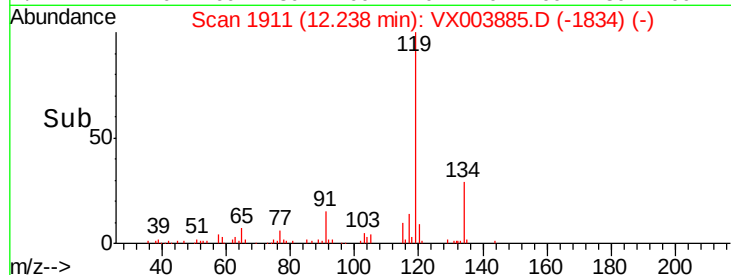
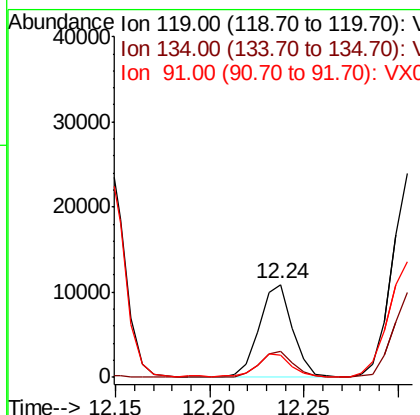
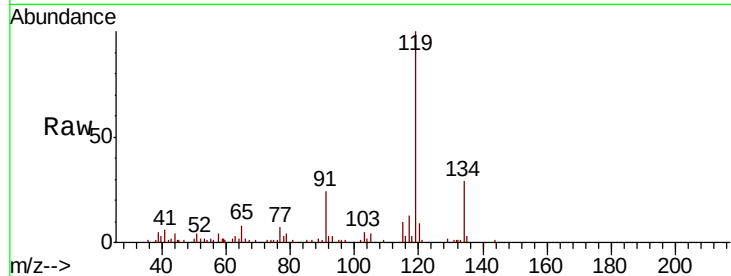




#86
 p-Isopropyltoluene
 Concen: 0.95 ug/l
 RT: 12.24 min Scan# 1911
 Delta R.T. 0.17 min
 Lab File: VX003885.D
 Acq: 07 Aug 2018 17:26

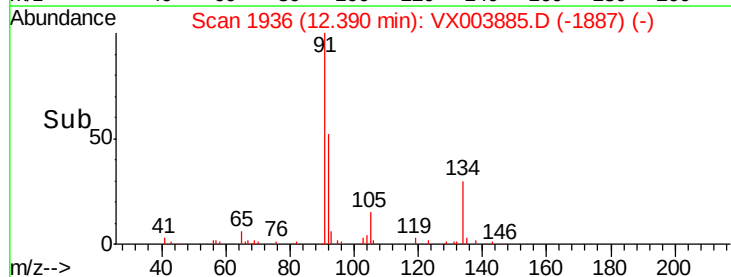
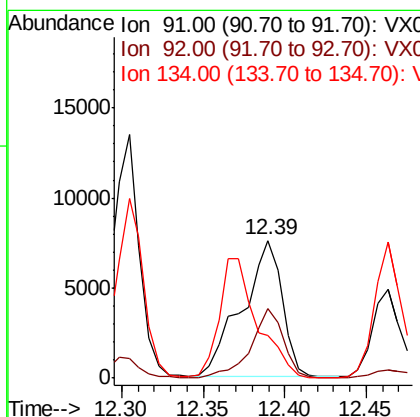
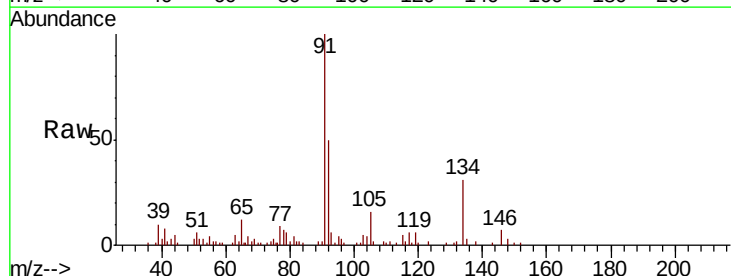
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0516DL

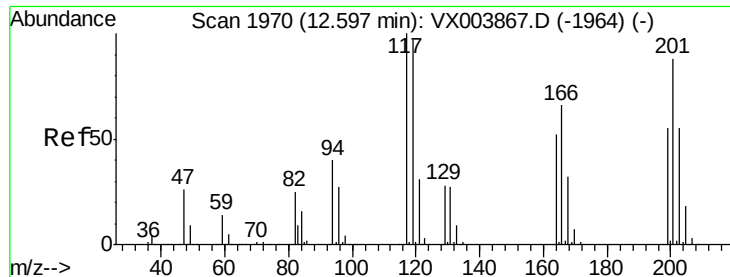
Tot Ion	119	Resp	13432
Ion Ratio	100	Lower	Upper
119	100		
134	28.0	13.3	39.8
91	24.5	10.9	32.7



#89
 n-Butylbenzene
 Concen: 1.06 ug/l
 RT: 12.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VX003885.D
 Acq: 07 Aug 2018 17:26

Tgt Ion	91	Resp	13097
Ion Ratio	100	Lower	Upper
91	100		
92	41.0	27.1	81.3
134	0.0	13.6	40.7#





#90

Hexachloroethane

Concen: 3.63 ug/l

RT: 12.59 min Scan# 1969

Delta R.T. -0.01 min

Lab File: VX003885.D

Acq: 07 Aug 2018 17:26

Instrument :

MSVOA_X

ClientSampleId :

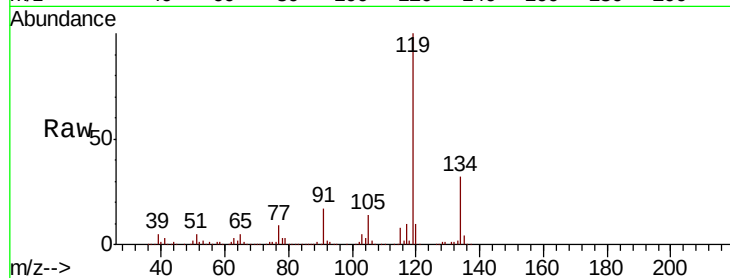
FL-0516DL

Tot Ion:117 Resp: 8366

Ion Ratio Lower Upper

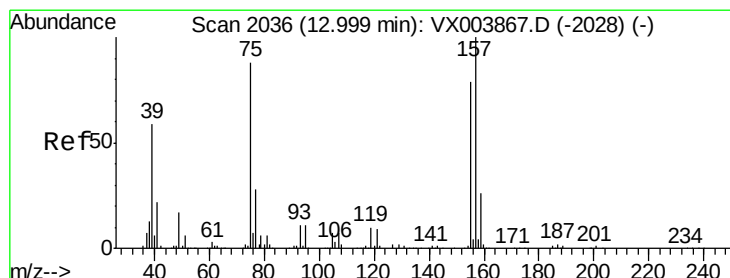
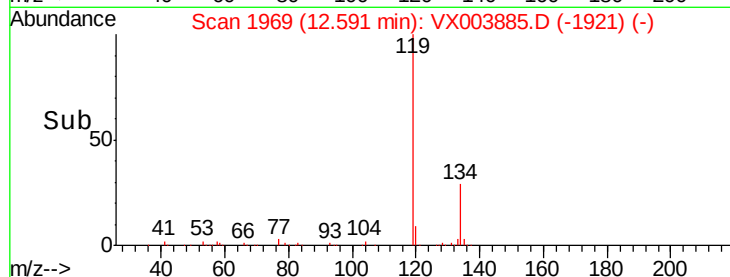
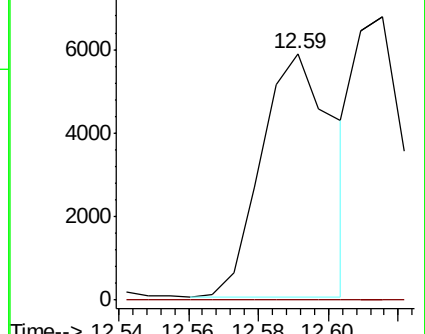
117 100

201 0.0 46.1 138.2#



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: 0.43 ug/l

RT: 12.98 min Scan# 2033

Delta R.T. -0.02 min

Lab File: VX003885.D

Acq: 07 Aug 2018 17:26

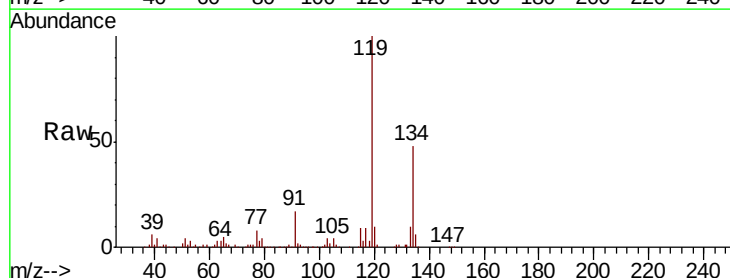
Tgt Ion: 75 Resp: 499

Ion Ratio Lower Upper

75 100

155 0.0 48.7 146.1#

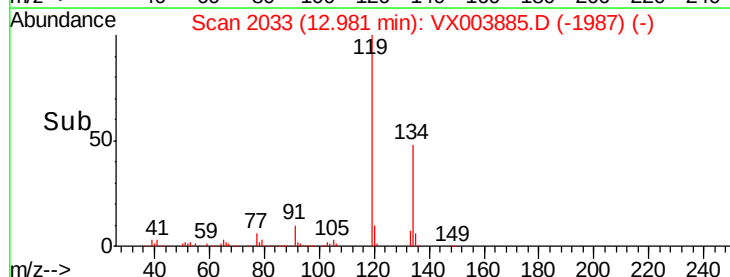
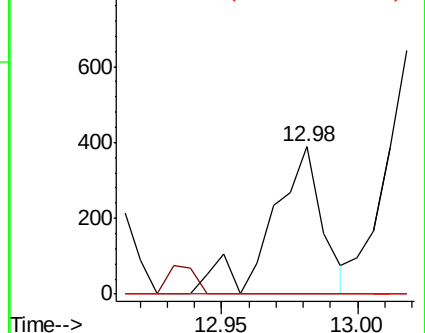
157 0.0 62.6 187.8#

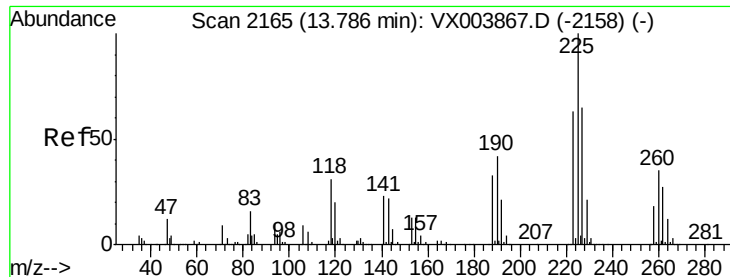


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#94

Hexachlorobutadiene

Concen: 0.61 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VX003885.D

Acq: 07 Aug 2018 17:26

Instrument :

MSVOA_X

ClientSampleId :

FL-0516DL

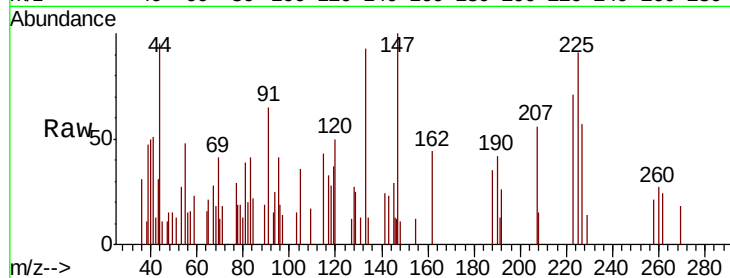
Tot Ion:225 Resp: 478

Ion Ratio Lower Upper

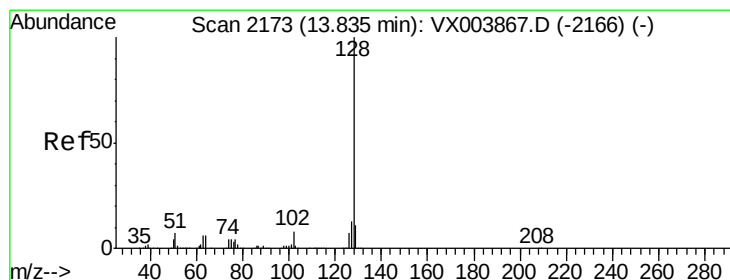
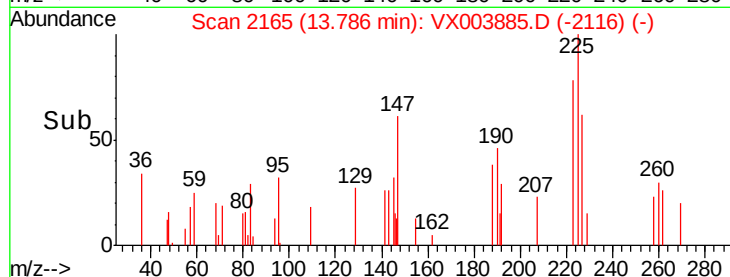
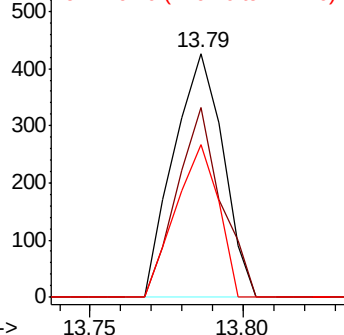
225 100

223 69.7 31.4 94.0

227 54.4 32.1 96.5



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 8.84 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX003885.D

Acq: 07 Aug 2018 17:26

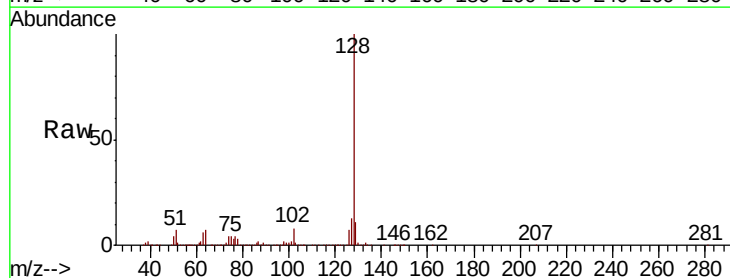
Tgt Ion:128 Resp: 148779

Ion Ratio Lower Upper

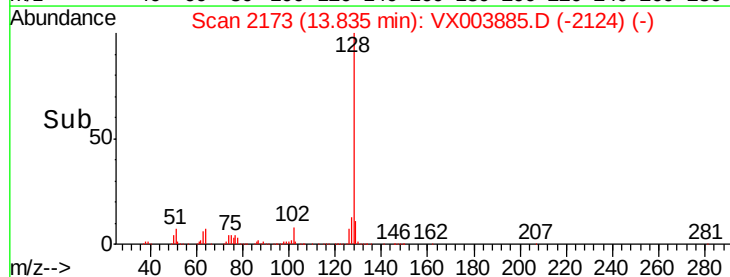
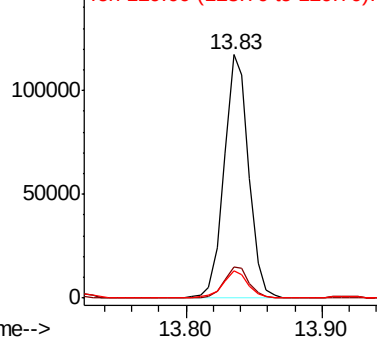
128 100

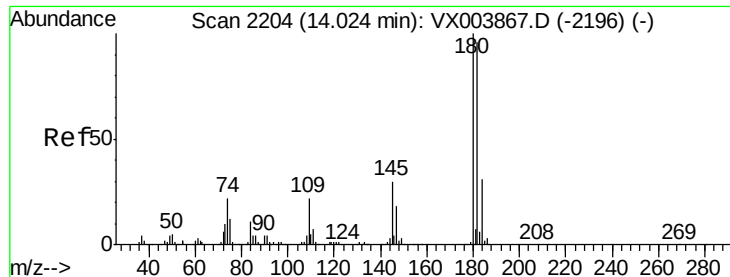
127 13.1 10.2 15.2

129 11.4 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 0.20 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: VX003885.D
 Acq: 07 Aug 2018 17:26

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0516DL

Tot Ion	Ratio	Lower	Upper
180	100		
182	87.3	48.1	144.4
145	253.5	14.9	44.7#

