

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080718\
 Data File : VX003888.D
 Acq On : 07 Aug 2018 18:46
 Operator : JC/MD
 Sample : J4263-09DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0518DL

Quant Time: Aug 08 01:24:32 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	5.67	168	316355	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	477196	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	451798	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	239511	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	208836	49.80	ug/l	0.00
Spiked Amount			Recovery	=	99.60%	
35) Dibromofluoromethane	5.51	113	176627	48.86	ug/l	0.00
Spiked Amount			Recovery	=	97.72%	
50) Toluene-d8	8.72	98	685168	48.74	ug/l	0.00
Spiked Amount			Recovery	=	97.48%	
62) 4-Bromofluorobenzene	11.14	95	248045	54.53	ug/l	0.00
Spiked Amount			Recovery	=	109.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	1066	0.24	ug/l	97
5) Bromomethane	1.65	94	933	Below Cal		84
6) Chloroethane	1.70	64	4327	1.55	ug/l #	43
11) Tert butyl alcohol	3.06	59	367	0.36	ug/l #	73
13) Acrolein	2.31	56	198	Below Cal	#	79
14) Allyl chloride	2.84	41	7246	1.11	ug/l #	65
15) Acrylonitrile	3.17	53	2857	1.19	ug/l #	45
16) Acetone	2.45	43	1975	0.79	ug/l	91
17) Carbon Disulfide	2.56	76	1448	0.59	ug/l	95
18) Methyl Acetate	2.84	43	18069	3.33	ug/l #	52
20) Methylene Chloride	2.86	84	2852	Below Cal	#	86
26) 2,2-Dichloropropane	4.39	77	2082	0.40	ug/l #	51
29) Tetrahydrofuran	5.18	42	668	0.35	ug/l #	49
31) Cyclohexane	5.57	56	134954	22.33	ug/l	98
36) 1,1-Dichloropropene	5.66	75	21899	4.10	ug/l #	49
38) Carbon Tetrachloride	5.67	117	27675	5.44	ug/l #	15
39) Methylcyclohexane	7.46	83	180777	28.69	ug/l	99
40) Benzene	6.15	78	112568	7.01	ug/l	97
43) Isopropyl Acetate	6.45	43	2586	0.29	ug/l #	59
45) 1,2-Dichloropropane	7.46	63	2220	0.54	ug/l #	1
46) Dibromomethane	7.46	93	546	0.20	ug/l #	1
48) Methyl methacrylate	7.73	41	8249	1.83	ug/l #	56
55) 1,1,2-Trichloroethane	9.16	97	4582	1.11	ug/l #	20
56) Ethyl methacrylate	9.16	69	1228	0.20	ug/l #	1
67) Ethyl Benzene	10.26	91	489413	25.43	ug/l	99
68) m/p-Xylenes	10.36	106	39439	5.24	ug/l	97
73) Isopropylbenzene	11.02	105	163083	9.20	ug/l	97
74) N-amyl acetate	6.45	43	2586	0.28	ug/l #	54
76) 1,2,3-Trichloropropane	11.14	75	119525	22.59	ug/l #	36
78) n-propylbenzene	11.36	91	267412	13.44	ug/l	99
79) 2-Chlorotoluene	11.36	91	267412	22.04	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.51	105	27006	1.87	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.14	75	119525	60.95	ug/l #	9
82) 4-Chlorotoluene	11.36	91	267412	18.82	ug/l #	44

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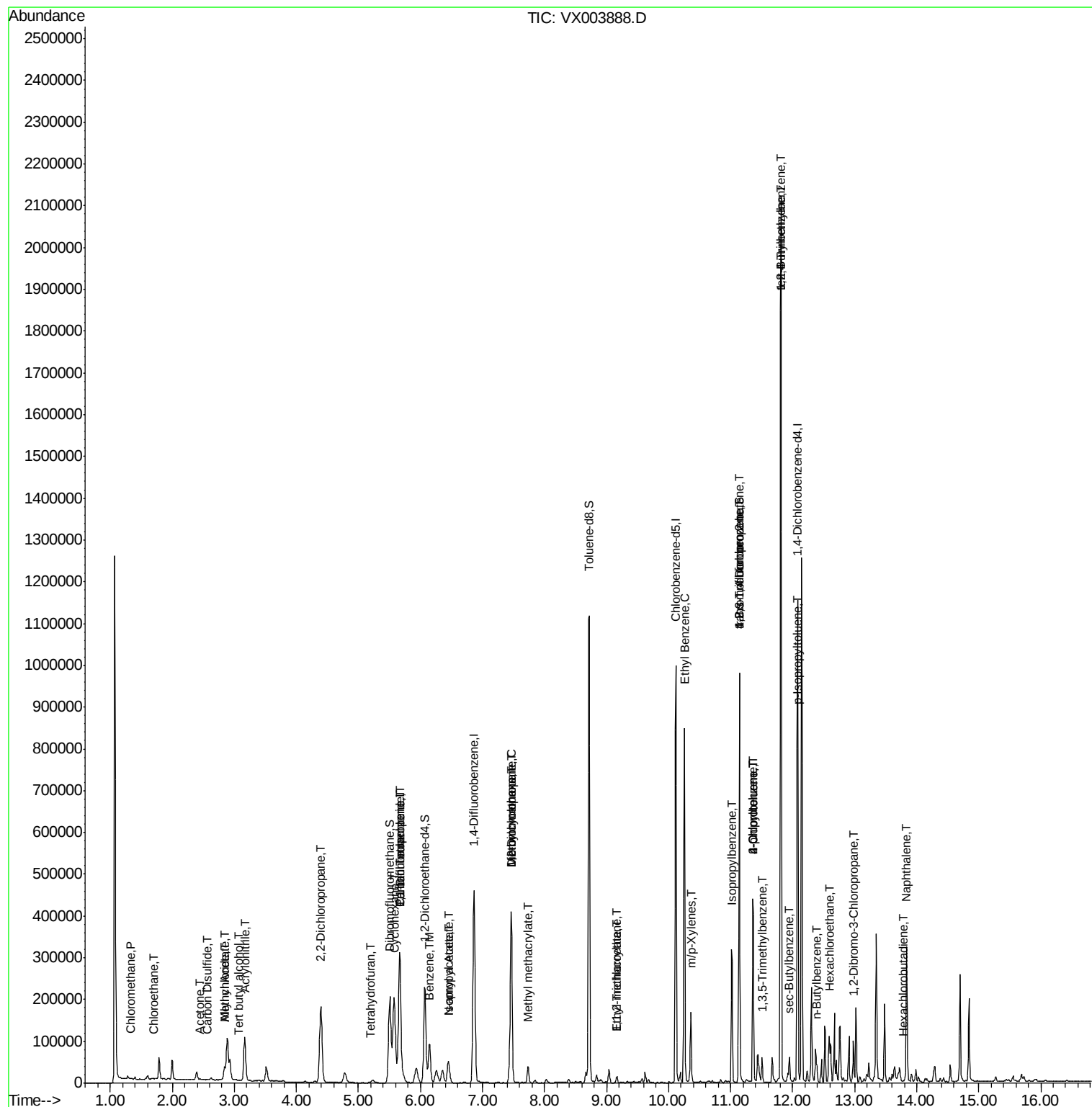
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) tert-Butylbenzene	11.81	119	118044	8.31	ug/l #	61
84) 1,2,4-Trimethylbenzene	11.81	105	912341	62.80	ug/l	99
85) sec-Butylbenzene	11.94	105	32187	1.92	ug/l	85
86) p-Isopropyltoluene	12.07	119	10824	0.72	ug/l	92
88) 1,4-Dichlorobenzene	12.02	146	555	Below	Cal	89
89) n-Butylbenzene	12.39	91	18040	1.38	ug/l #	61
90) Hexachloroethane	12.59	117	5300	2.17	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	12.98	75	386	0.31	ug/l #	1
94) Hexachlorobutadiene	13.78	225	342	0.55	ug/l	89
95) Naphthalene	13.83	128	200128	11.22	ug/l	100

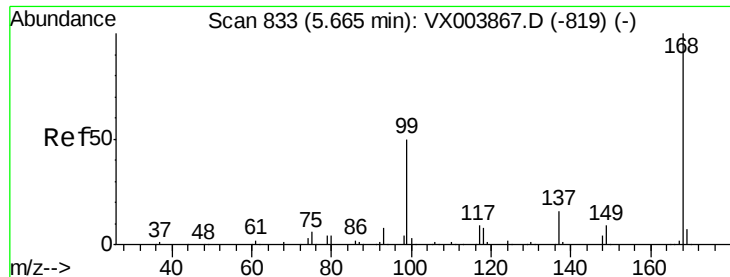
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003888.D

Acq: 07 Aug 2018 18:46

Instrument :

MSVOA_X

ClientSampleId :

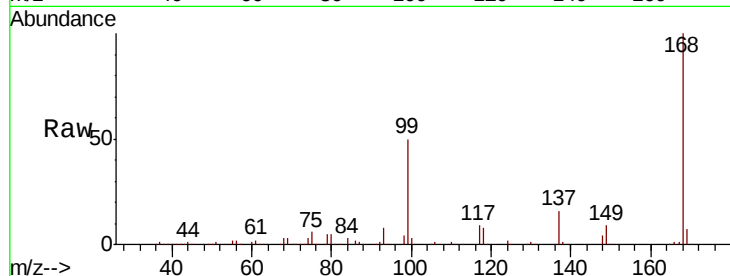
FL-0518DL

Tot Ion:168 Resp: 316355

Ion Ratio Lower Upper

168 100

99 49.9 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

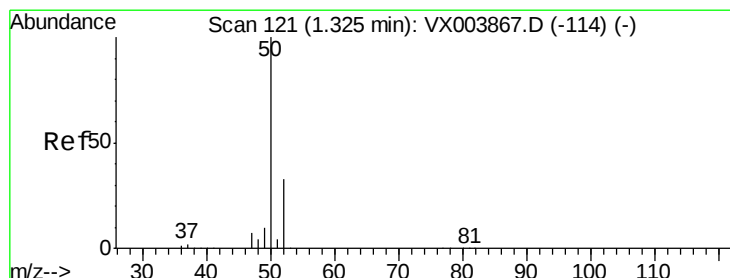
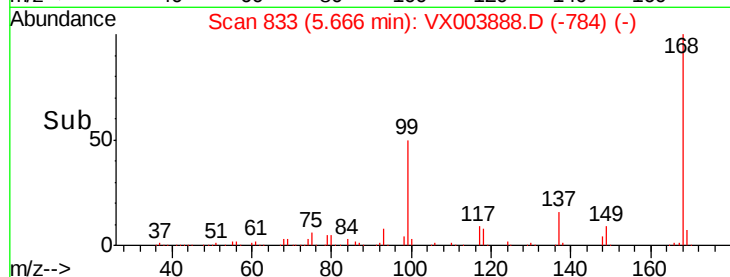
5.67

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.24 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003888.D

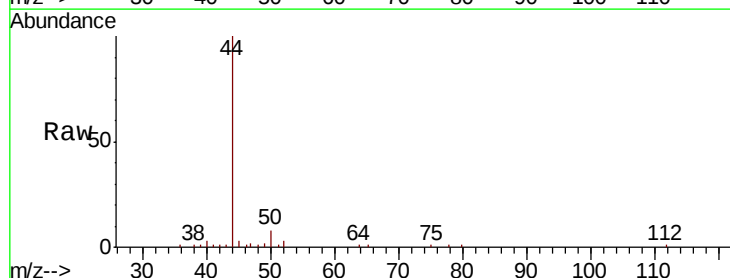
Acq: 07 Aug 2018 18:46

Tgt Ion: 50 Resp: 1066

Ion Ratio Lower Upper

50 100

52 31.3 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

800

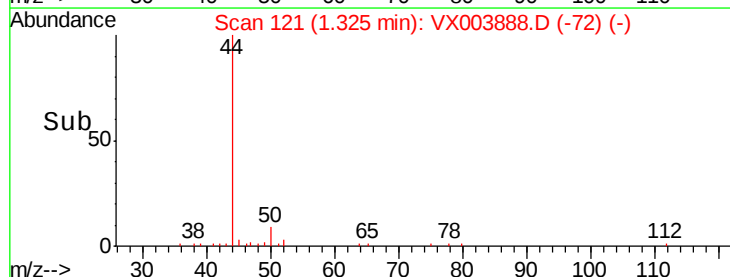
600

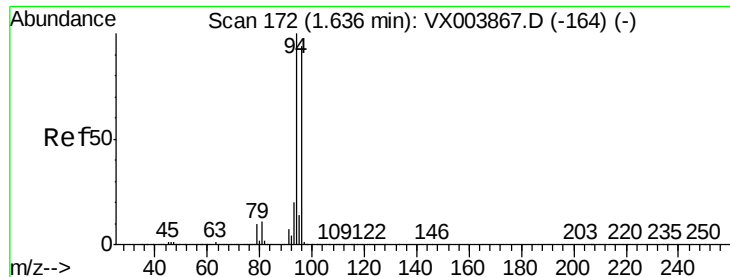
400

200

0

Time--> 1.30 1.35





#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX003888.D

Acq: 07 Aug 2018 18:46

Instrument :

MSVOA_X

ClientSampleId :

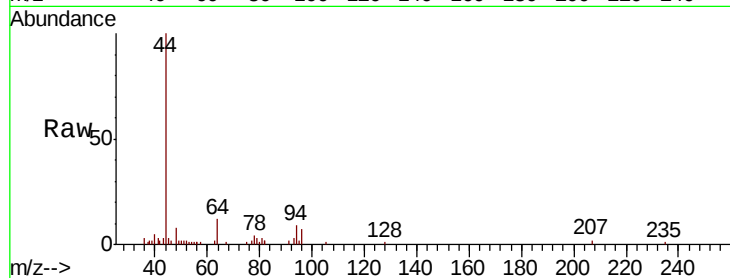
FL-0518DL

Tot Ion: 94 Resp: 933

Ion Ratio Lower Upper

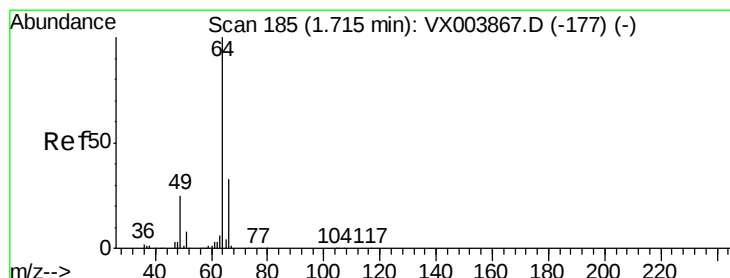
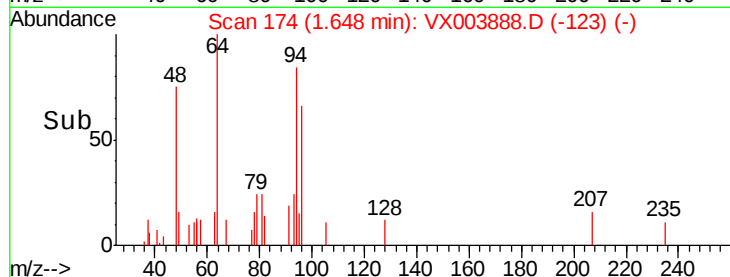
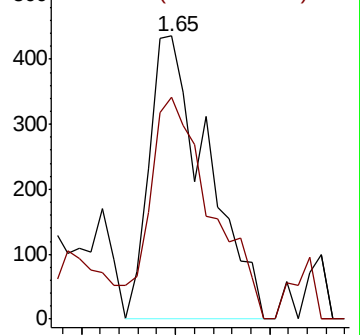
94 100

96 78.4 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 1.55 ug/l

RT: 1.70 min Scan# 183

Delta R.T. -0.01 min

Lab File: VX003888.D

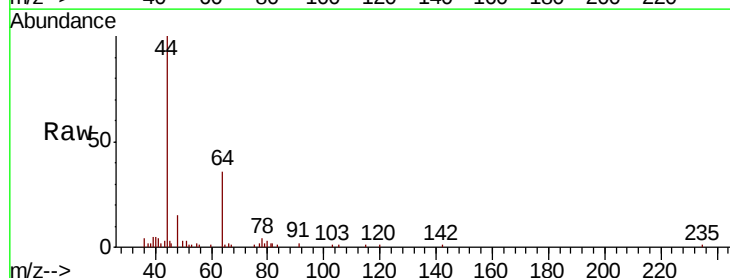
Acq: 07 Aug 2018 18:46

Tgt Ion: 64 Resp: 4327

Ion Ratio Lower Upper

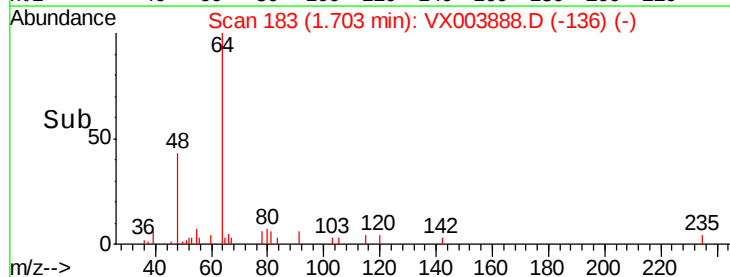
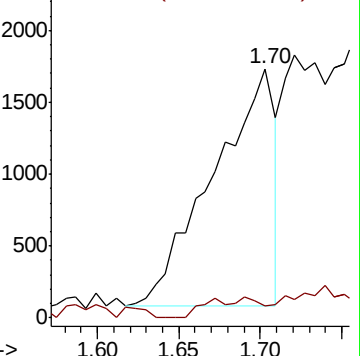
64 100

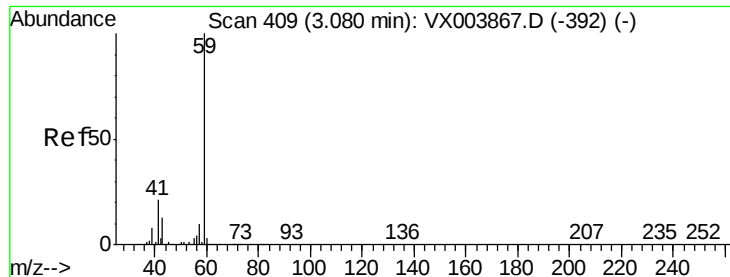
66 0.8 26.5 39.7#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

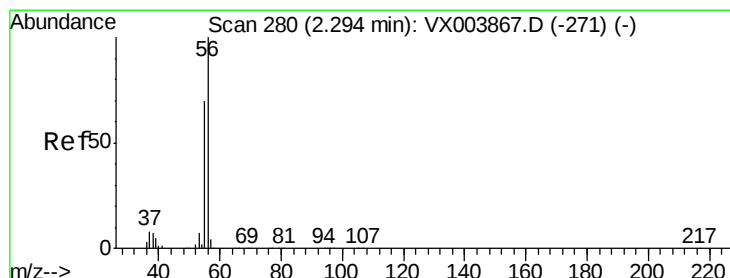
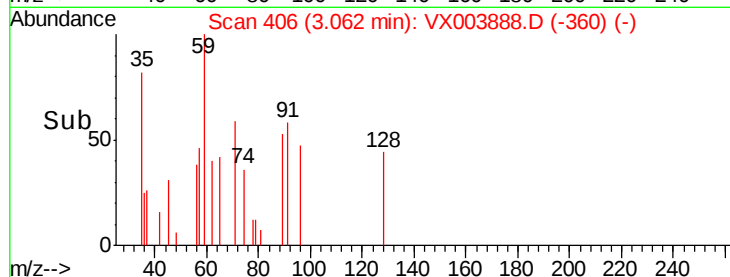
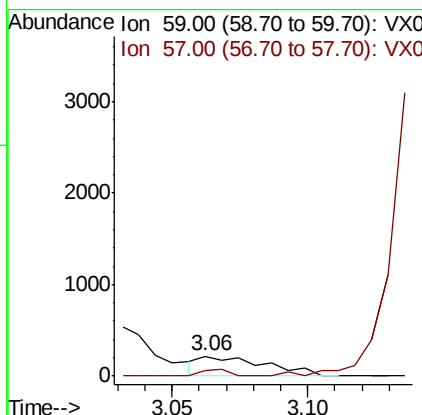
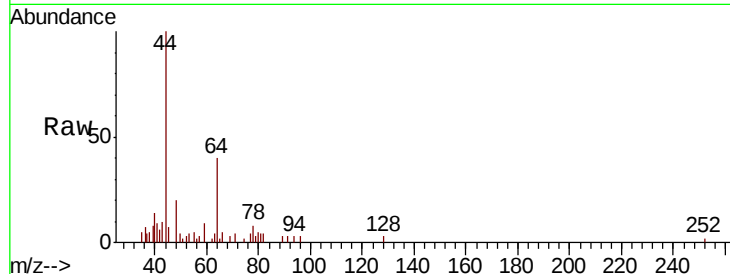




#11
Tert butyl alcohol
Concen: 0.36 ug/l
RT: 3.06 min Scan# 406
Delta R.T. -0.02 min
Lab File: VX003888.D
Acq: 07 Aug 2018 18:46

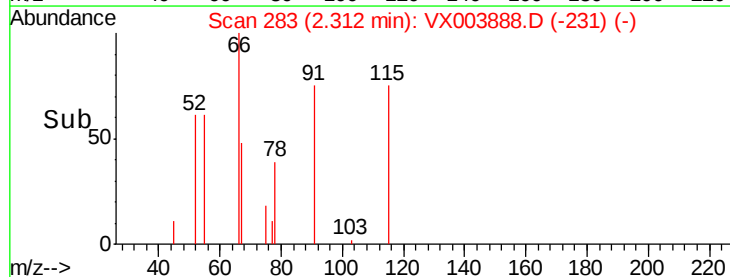
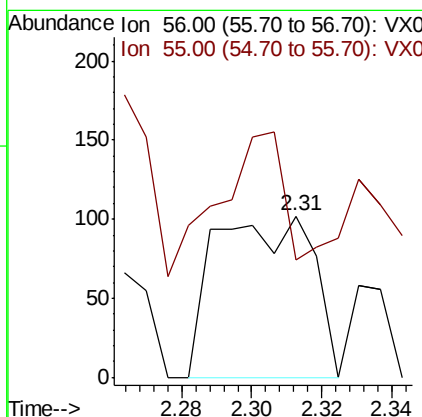
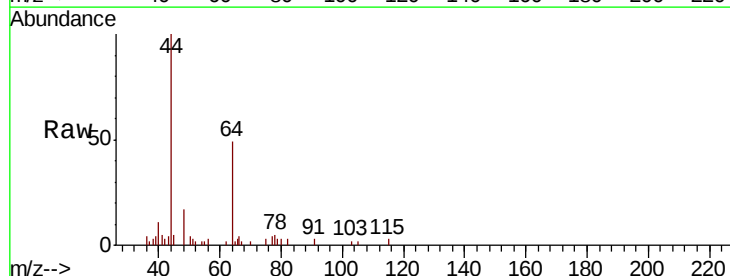
Instrument :
MSVOA_X
ClientSampleID :
FL-0518DL

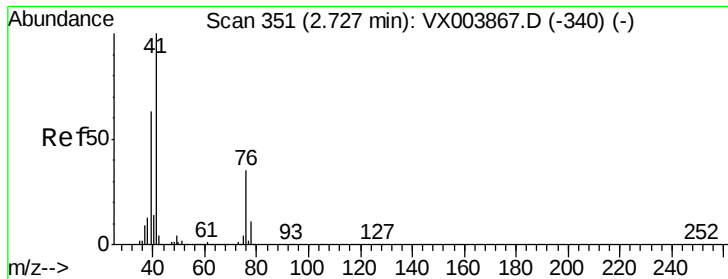
Tot Ion: 59 Resp: 367
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#13
Acrolein
Concen: Below Cal
RT: 2.31 min Scan# 283
Delta R.T. 0.02 min
Lab File: VX003888.D
Acq: 07 Aug 2018 18:46

Tgt Ion: 56 Resp: 198
Ion Ratio Lower Upper
56 100
55 87.4 56.1 84.1#





#14

Allvl chloride

Concen: 1.11 ug/l

RT: 2.84 min Scan# 370

Delta R.T. 0.12 min

Lab File: VX003888.D

Acq: 07 Aug 2018 18:46

Instrument :

MSVOA_X

ClientSampleId :

FL-0518DL

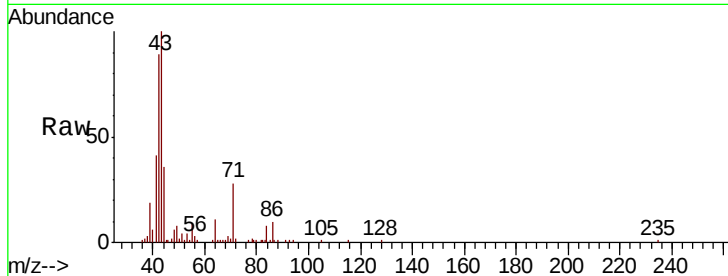
Tot Ion: 41 Resp: 7246

Ion Ratio Lower Upper

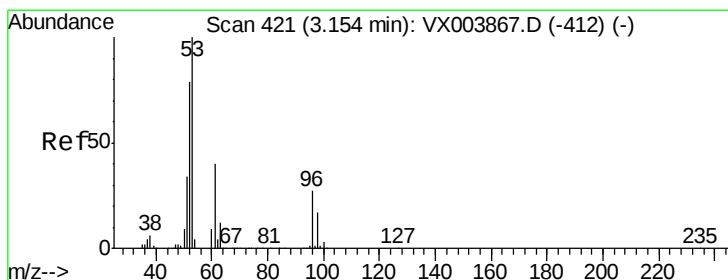
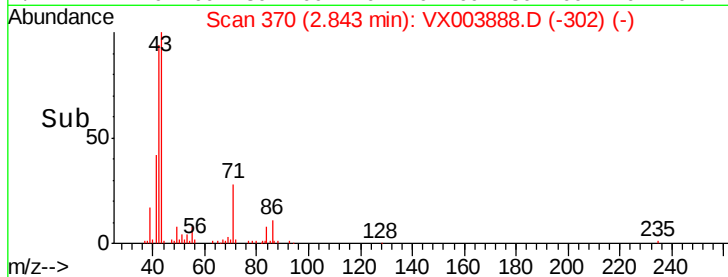
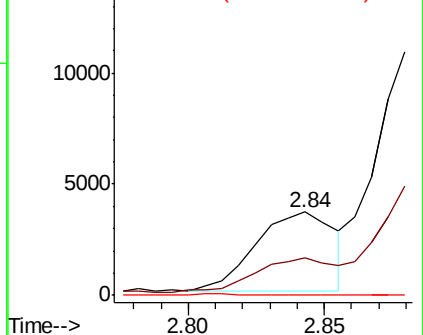
41 100

39 42.1 47.4 71.0#

76 0.0 26.0 39.0#



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 75.90 (75.60 to 76.60): VX0



#15

Acrylonitrile

Concen: 1.19 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.01 min

Lab File: VX003888.D

Acq: 07 Aug 2018 18:46

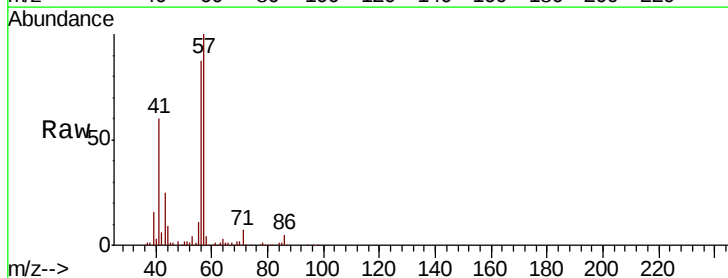
Tgt Ion: 53 Resp: 2857

Ion Ratio Lower Upper

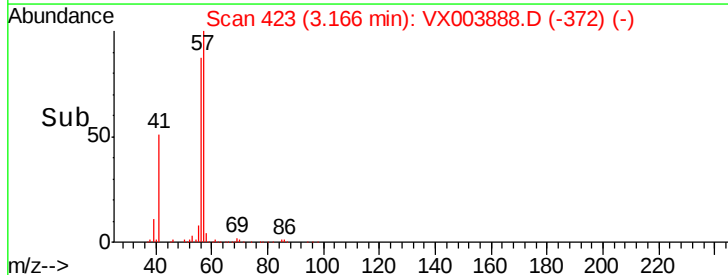
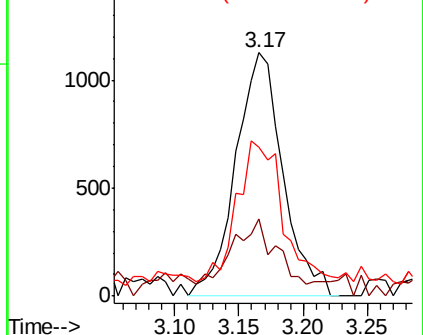
53 100

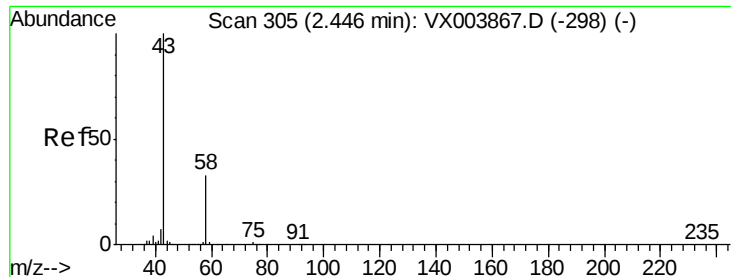
52 24.7 65.3 97.9#

51 55.0 27.9 41.9#



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0





#16

Acetone

Concen: 0.79 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003888.D

Acq: 07 Aug 2018 18:46

Instrument :

MSVOA_X

ClientSampled :

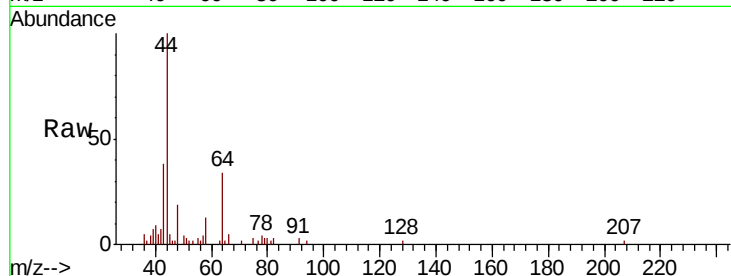
FL-0518DL

Tot Ion: 43 Resp: 1975

Ion Ratio Lower Upper

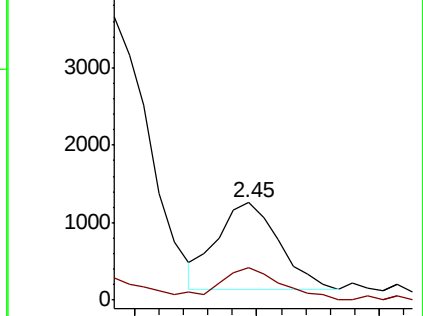
43 100

58 38.0 26.4 39.6

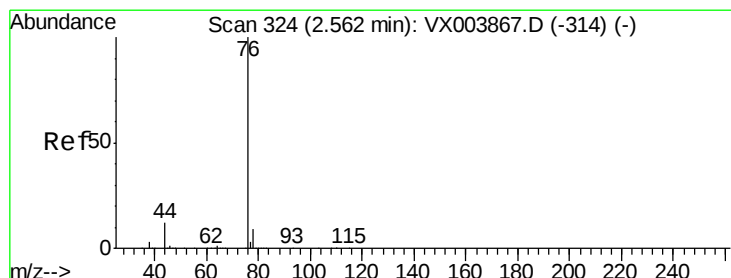
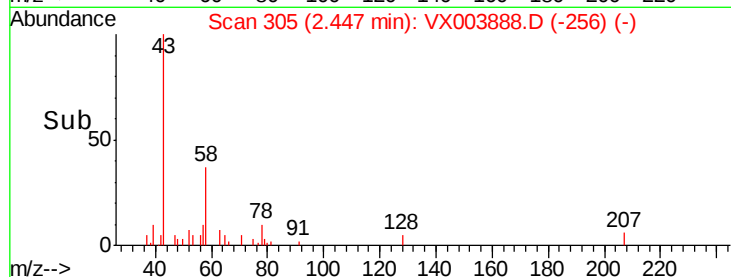


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#17

Carbon Disulfide

Concen: 0.59 ug/l

RT: 2.56 min Scan# 324

Delta R.T. 0.00 min

Lab File: VX003888.D

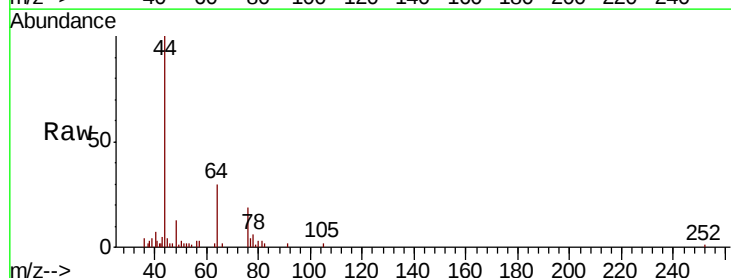
Acq: 07 Aug 2018 18:46

Tgt Ion: 76 Resp: 1448

Ion Ratio Lower Upper

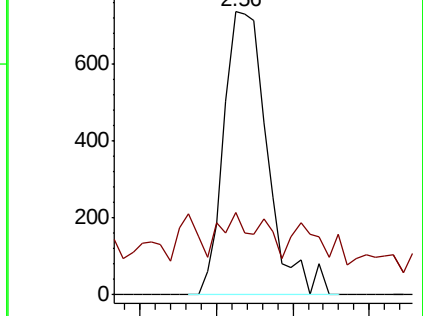
76 100

78 7.6 7.5 11.3

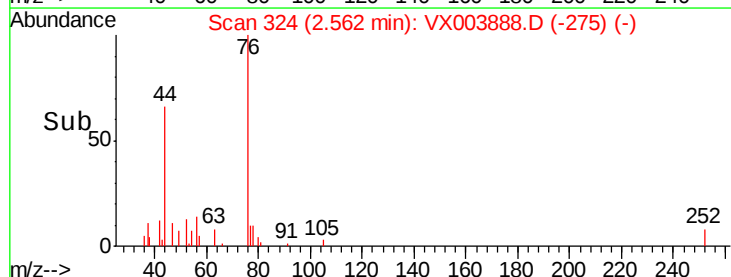


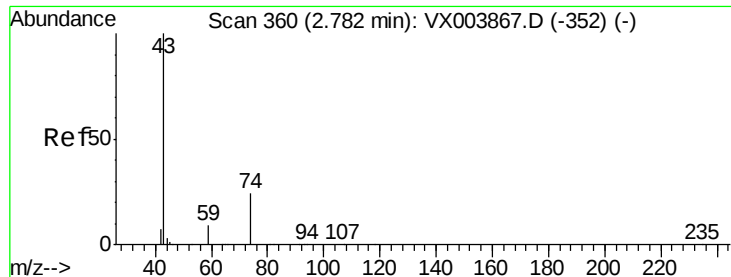
Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



Time-->





#18

Methyl Acetate

Concen: 3.33 ug/l

RT: 2.84 min Scan# 370

Delta R.T. 0.06 min

Lab File: VX003888.D

Acq: 07 Aug 2018 18:46

Instrument :

MSVOA_X

ClientSampleId :

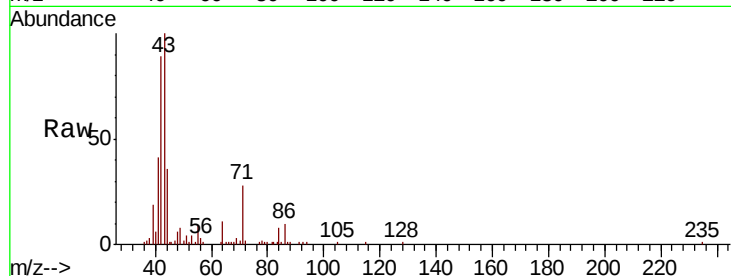
FL-0518DL

Tot Ion: 43 Resp: 18069

Ion Ratio Lower Upper

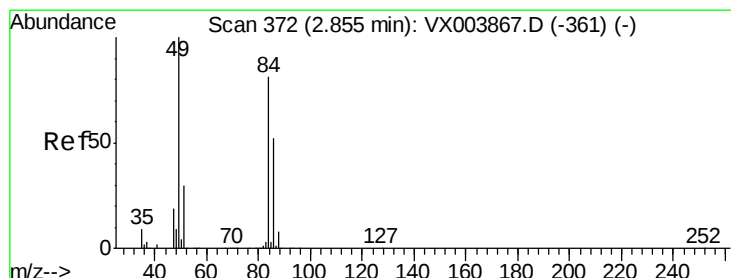
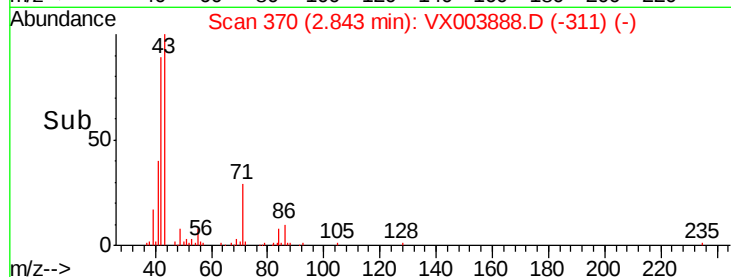
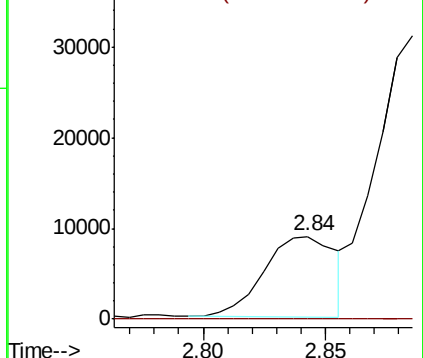
43 100

74 0.0 18.9 28.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



#20

Methylene Chloride

Concen: Below Cal

RT: 2.86 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX003888.D

Acq: 07 Aug 2018 18:46

Tgt Ion: 84 Resp: 2852

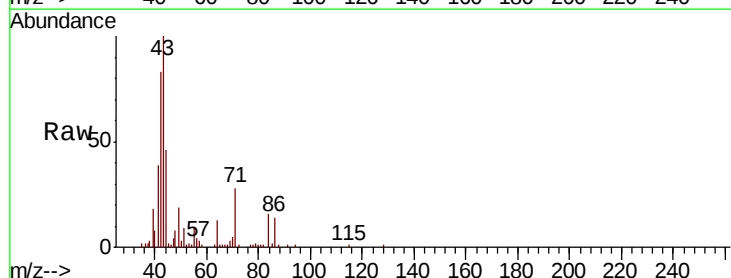
Ion Ratio Lower Upper

84 100

49 119.9 98.9 148.3

51 45.9 29.9 44.9#

86 89.5 51.0 76.6#

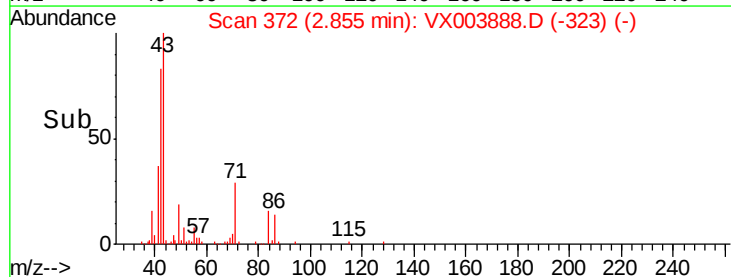
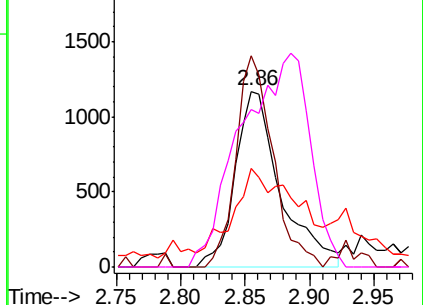


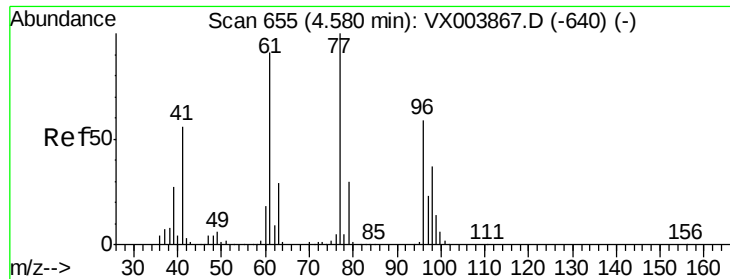
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#26

2,2-Dichloropropane

Concen: 0.40 ug/l

RT: 4.39 min Scan# 624

Delta R.T. -0.19 min

Lab File: VX003888.D

Acq: 07 Aug 2018 18:46

Instrument :

MSVOA_X

ClientSampled :

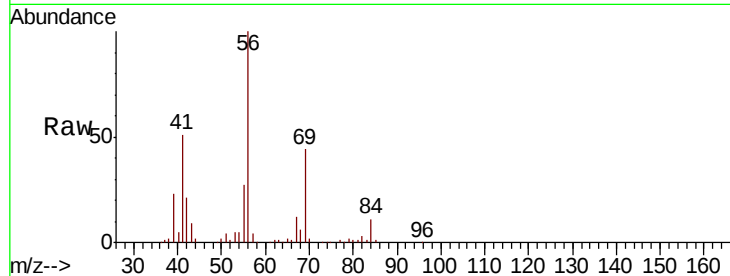
FL-0518DL

Tot Ion: 77 Resp: 2082

Ion Ratio Lower Upper

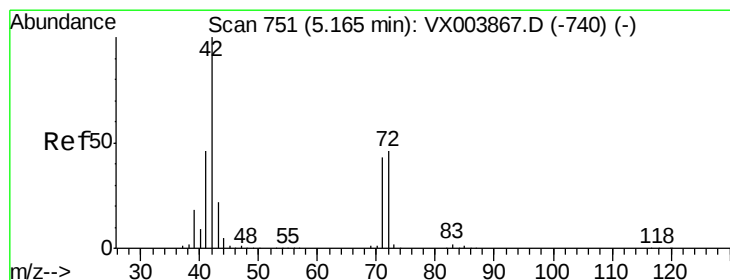
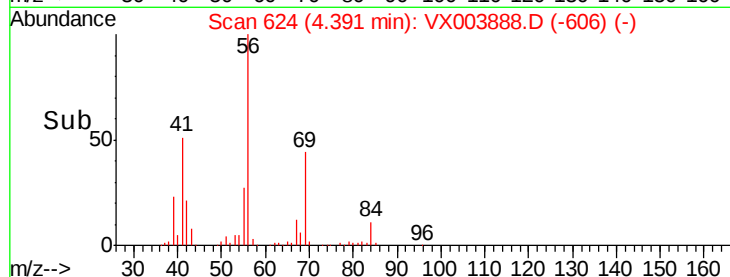
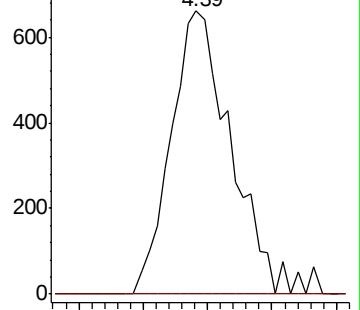
77 100

97 0.0 11.9 35.9#



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



#29

Tetrahydrofuran

Concen: 0.35 ug/l

RT: 5.18 min Scan# 754

Delta R.T. 0.02 min

Lab File: VX003888.D

Acq: 07 Aug 2018 18:46

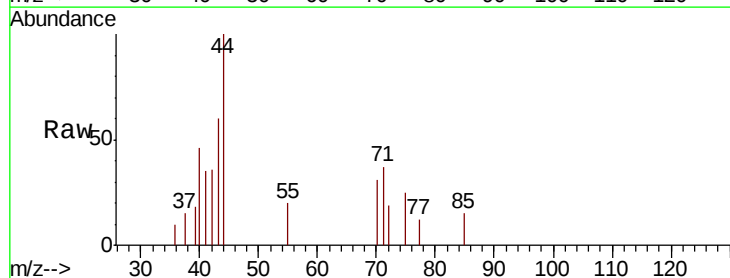
Tgt Ion: 42 Resp: 668

Ion Ratio Lower Upper

42 100

72 70.8 37.7 56.5#

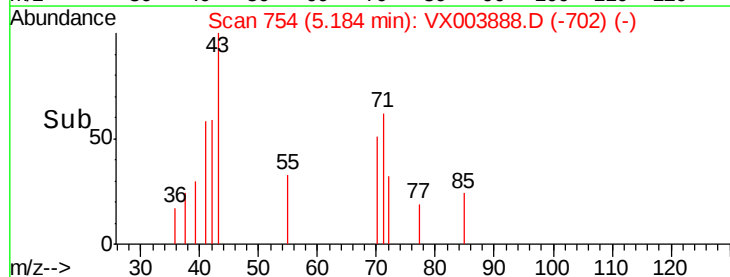
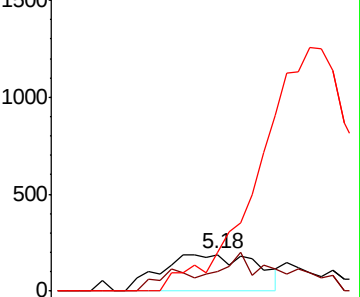
71 0.0 35.0 52.6#

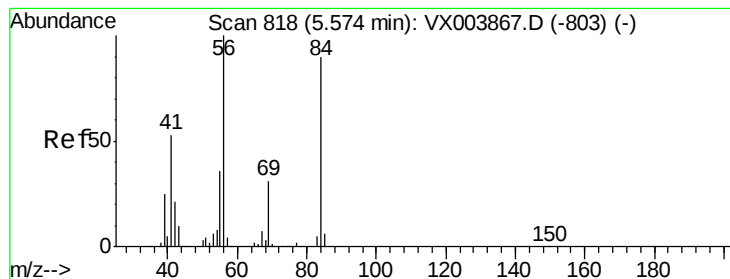


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0





#31

Cyclohexane

Concen: 22.33 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX003888.D

Acq: 07 Aug 2018 18:46

Instrument :

MSVOA_X

ClientSampleId :

FL-0518DL

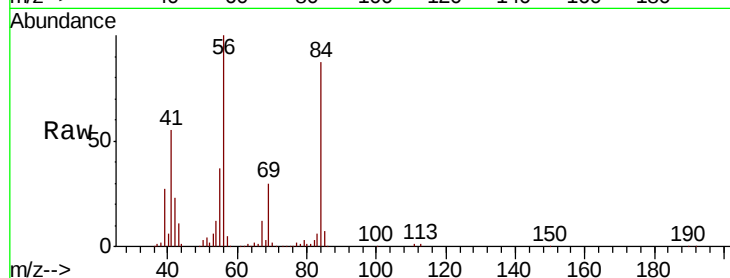
Tot Ion: 56 Resp: 134954

Ion Ratio Lower Upper

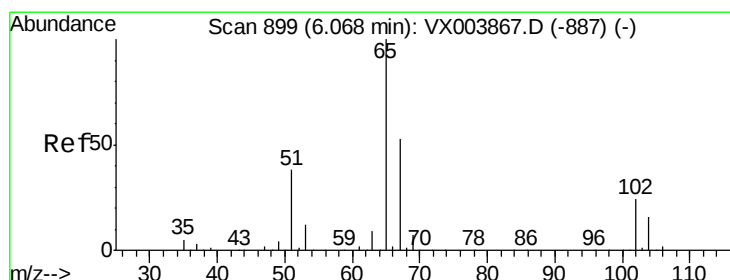
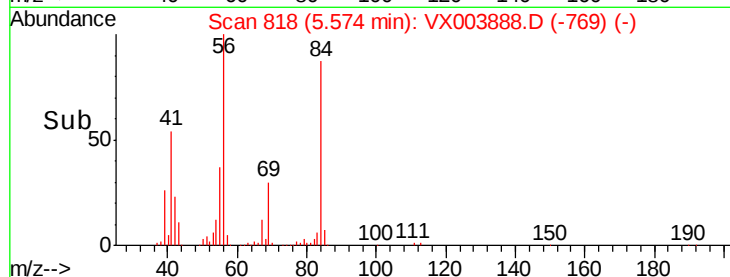
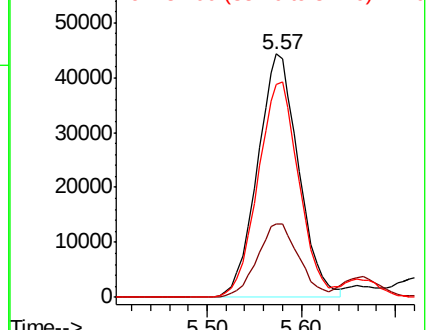
56 100

69 30.0 24.9 37.3

84 87.4 71.7 107.5



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: 49.80 ug/l

RT: 6.07 min Scan# 899

Delta R.T. 0.00 min

Lab File: VX003888.D

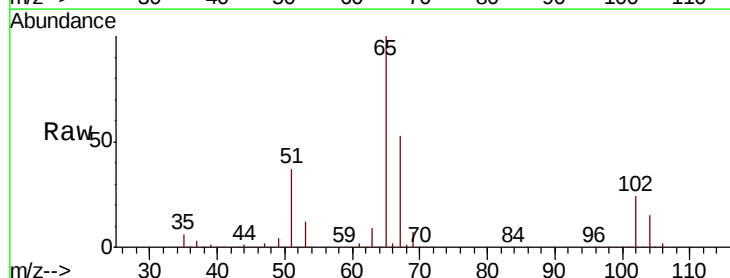
Acq: 07 Aug 2018 18:46

Tgt Ion: 65 Resp: 208836

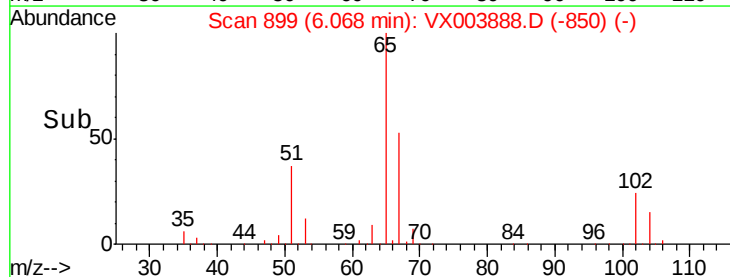
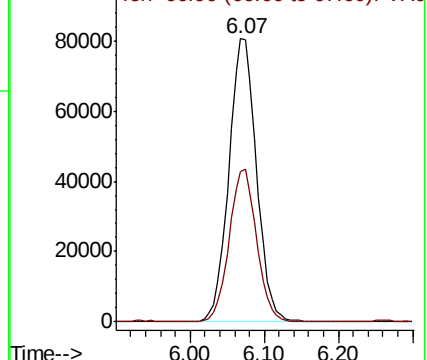
Ion Ratio Lower Upper

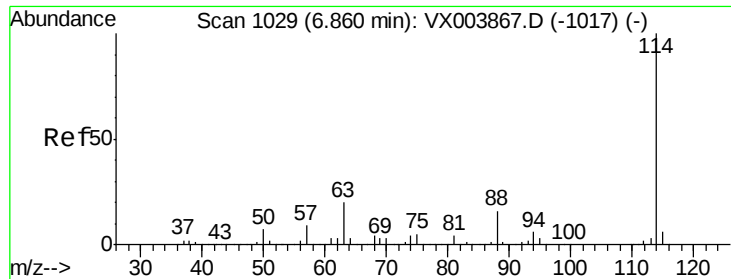
65 100

67 53.6 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VX003888.D

Acq: 07 Aug 2018 18:46

Instrument :

MSVOA_X

ClientSampled :

FL-0518DL

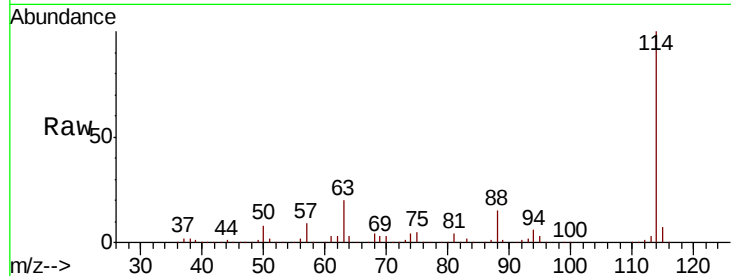
Tot Ion:114 Resp: 477196

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.0

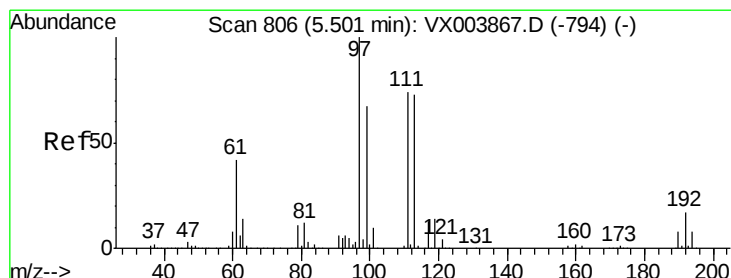
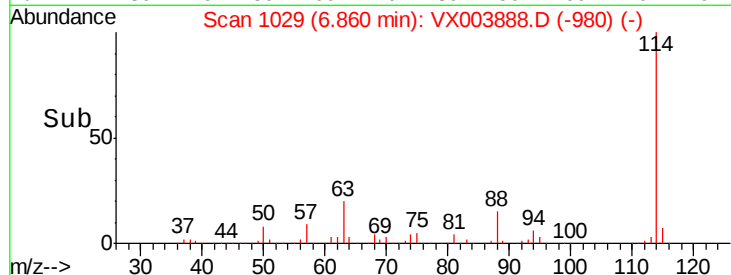
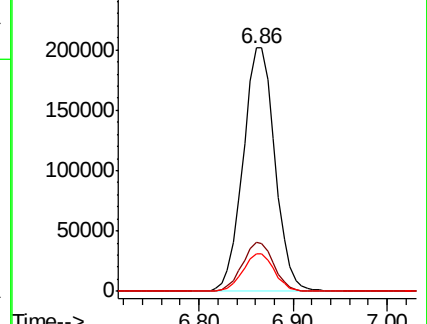
88 15.3 0.0 32.0



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: 48.86 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX003888.D

Acq: 07 Aug 2018 18:46

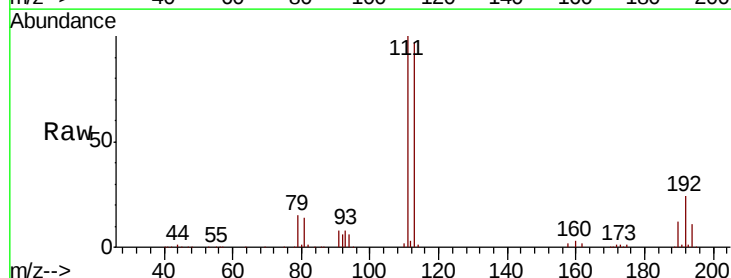
Tgt Ion:113 Resp: 176627

Ion Ratio Lower Upper

113 100

111 101.9 82.0 123.0

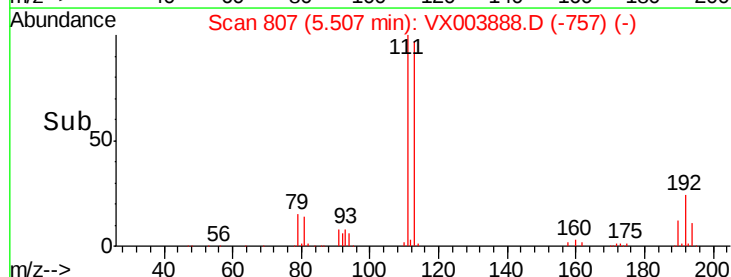
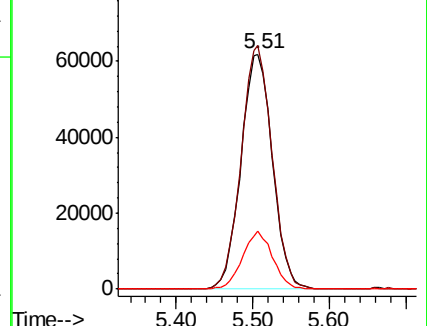
192 23.6 19.0 28.4

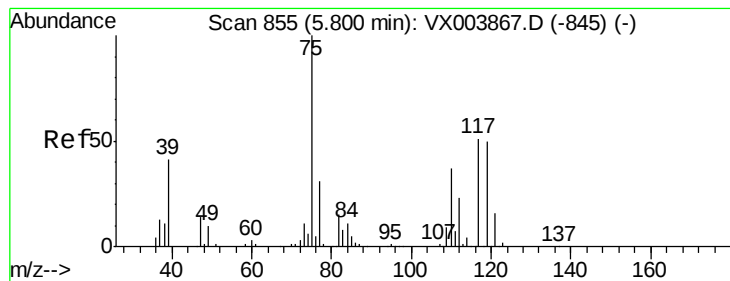


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.10 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.14 min

Lab File: VX003888.D

Acq: 07 Aug 2018 18:46

Instrument :

MSVOA_X

ClientSampled :

FL-0518DL

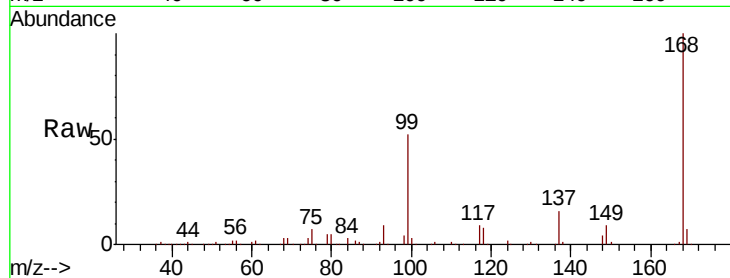
Tot Ion: 75 Resp: 21899

Ion Ratio Lower Upper

75 100

110 8.8 18.2 54.6#

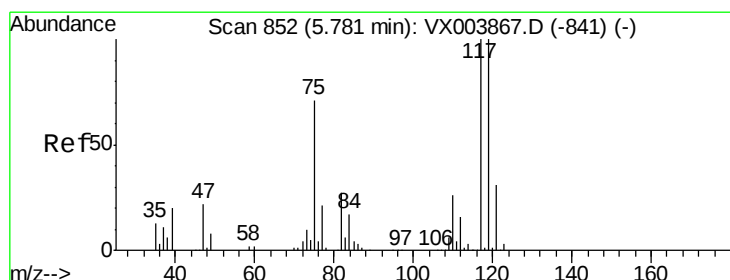
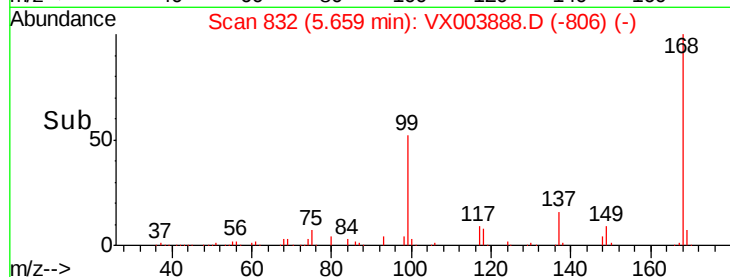
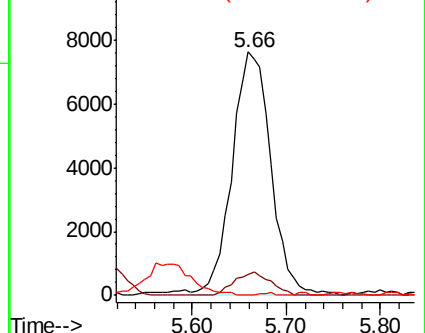
77 0.0 25.0 37.4#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0



#38

Carbon Tetrachloride

Concen: 5.44 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.12 min

Lab File: VX003888.D

Acq: 07 Aug 2018 18:46

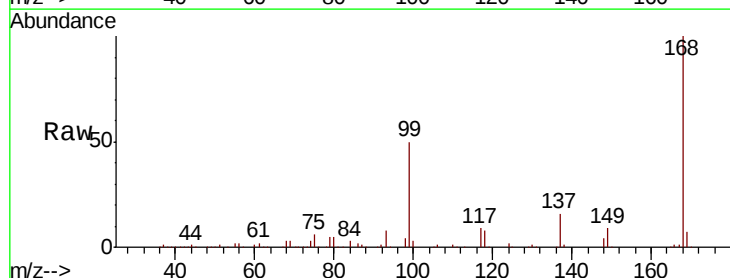
Tgt Ion: 117 Resp: 27675

Ion Ratio Lower Upper

117 100

119 5.3 79.5 119.3#

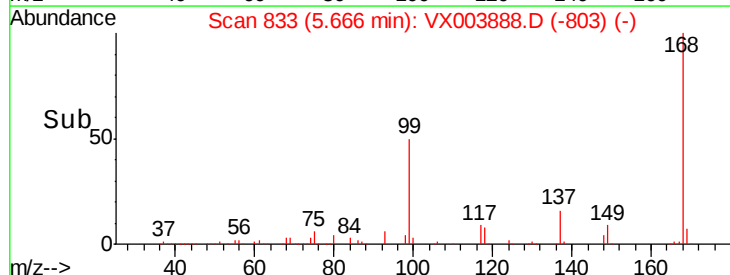
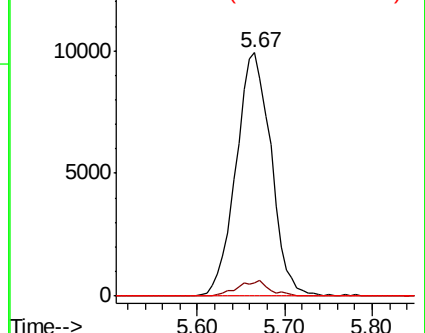
121 0.0 25.0 37.4#

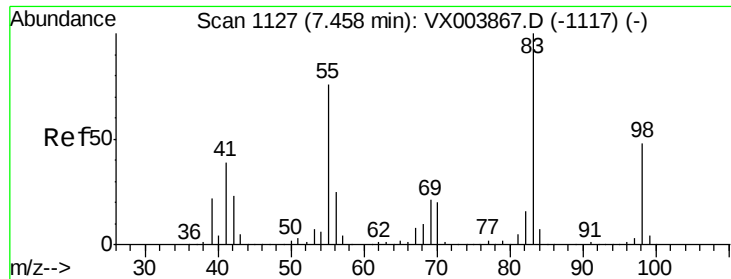


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

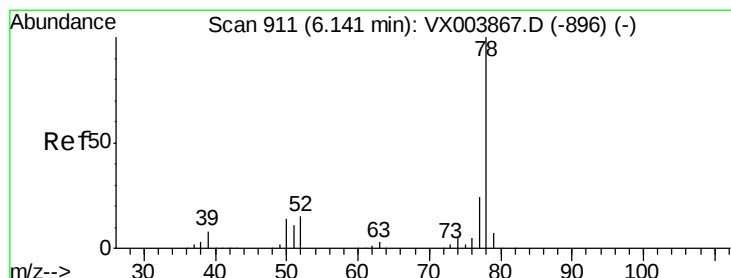
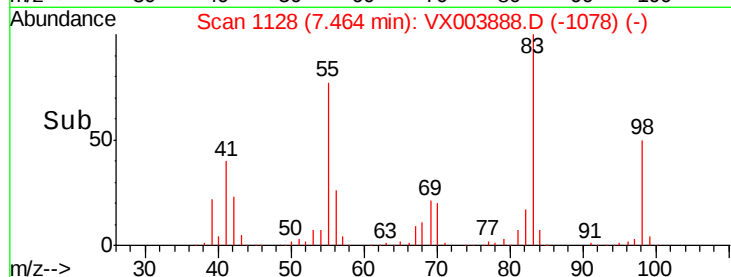
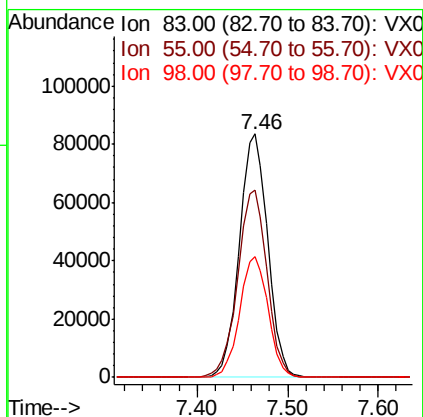
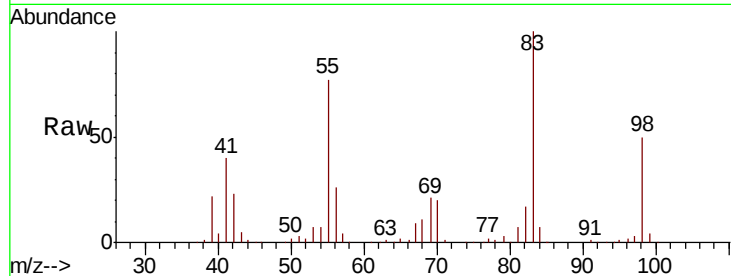




#39
Methvlcvclohexane
Concen: 28.69 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.01 min
Lab File: VX003888.D
Acq: 07 Aug 2018 18:46

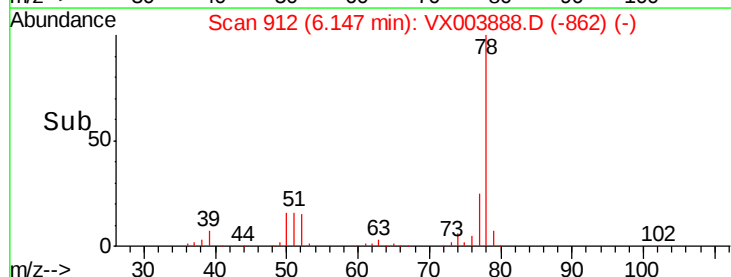
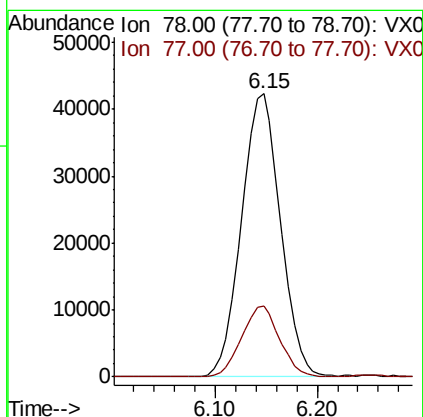
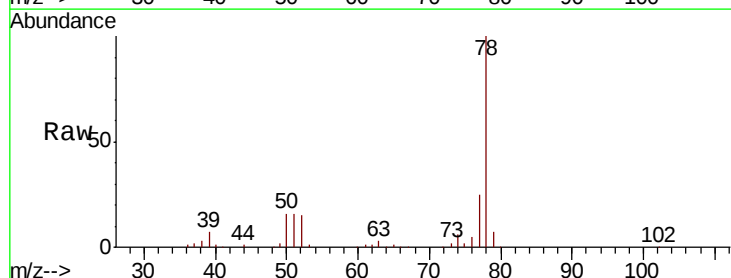
Instrument :
MSVOA_X
ClientSampled :
FL-0518DL

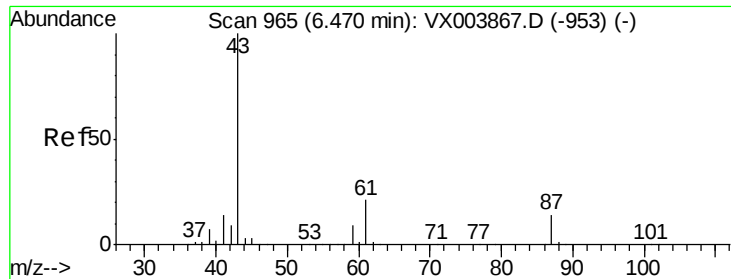
Tot Ion: 83 Resp: 180777
Ion Ratio Lower Upper
83 100
55 76.7 61.0 91.6
98 49.6 38.6 57.8



#40
Benzene
Concen: 7.01 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.01 min
Lab File: VX003888.D
Acq: 07 Aug 2018 18:46

Tgt Ion: 78 Resp: 112568
Ion Ratio Lower Upper
78 100
77 25.3 19.0 28.4





#43

Isopropyl Acetate

Concen: 0.29 ug/l

RT: 6.45 min Scan# 962

Delta R.T. -0.02 min

Lab File: VX003888.D

Acq: 07 Aug 2018 18:46

Instrument :

MSVOA_X

ClientSampled :

FL-0518DL

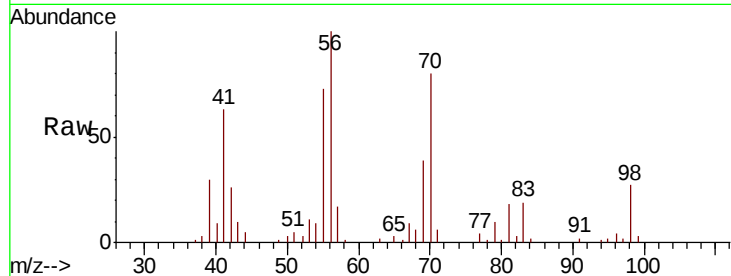
Tot Ion: 43 Resp: 2586

Ion Ratio Lower Upper

43 100

61 0.0 16.9 25.3#

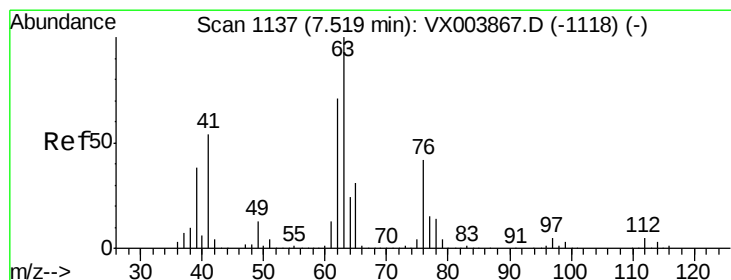
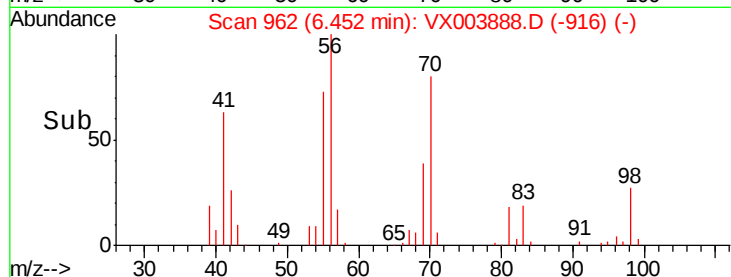
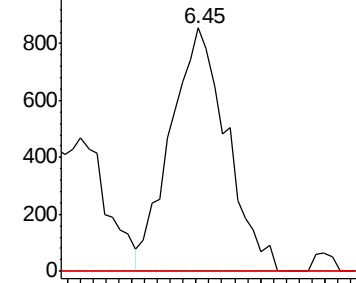
87 0.0 11.3 16.9#



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



#45

1,2-Dichloropropane

Concen: 0.54 ug/l

RT: 7.46 min Scan# 1127

Delta R.T. -0.06 min

Lab File: VX003888.D

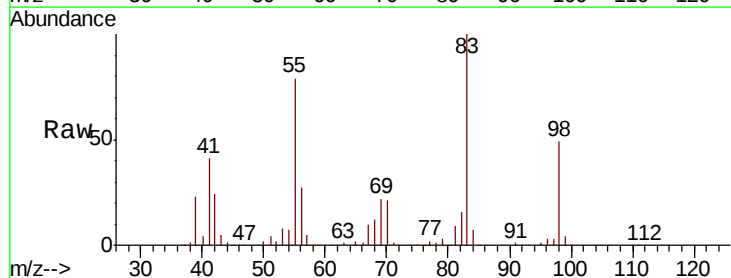
Acq: 07 Aug 2018 18:46

Tgt Ion: 63 Resp: 2220

Ion Ratio Lower Upper

63 100

65 169.2 24.6 36.8#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

2000

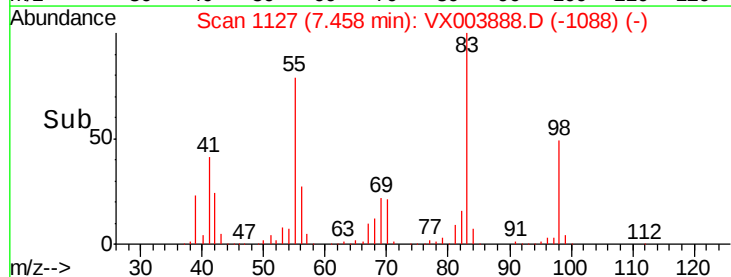
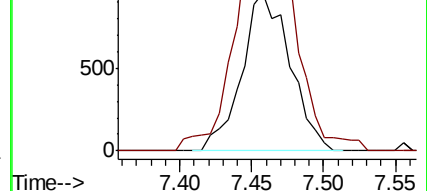
1500

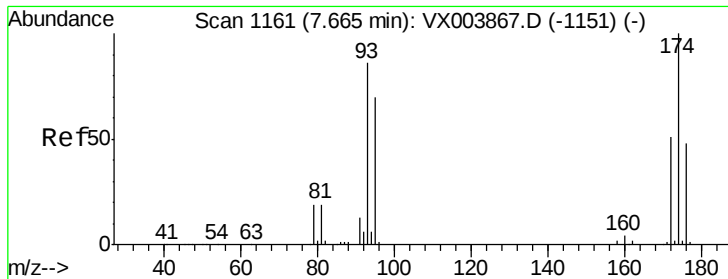
1000

500

0

7.40 7.45 7.50 7.55

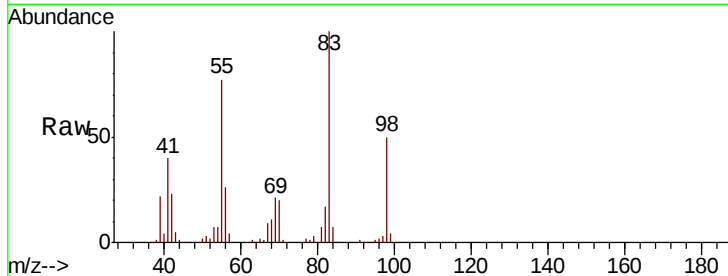




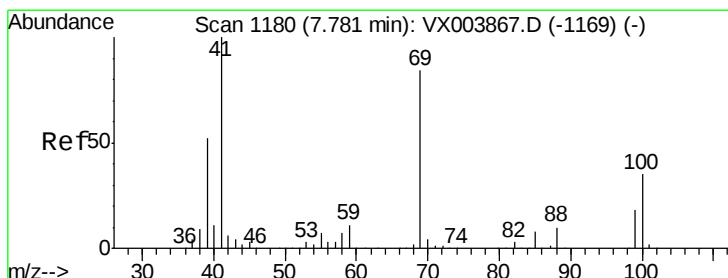
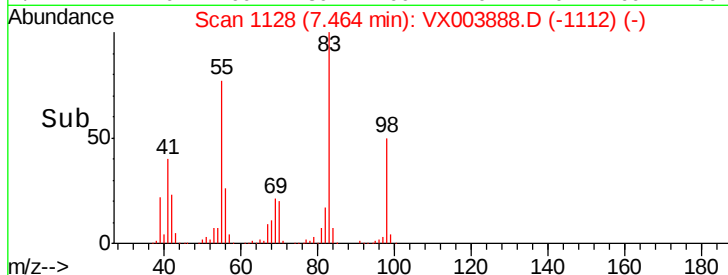
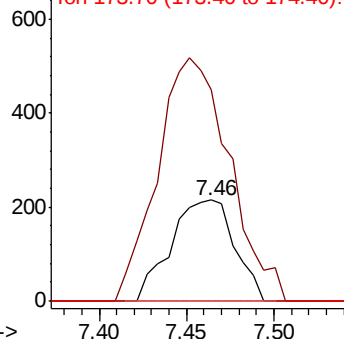
#46
Dibromomethane
Concen: 0.20 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.20 min
Lab File: VX003888.D
Acq: 07 Aug 2018 18:46

Instrument :
MSVOA_X
ClientSampleId :
FL-0518DL

Tot Ion: 93 Resp: 546
Ion Ratio Lower Upper
93 100
95 271.1 66.4 99.6#
174 0.0 94.3 141.5#

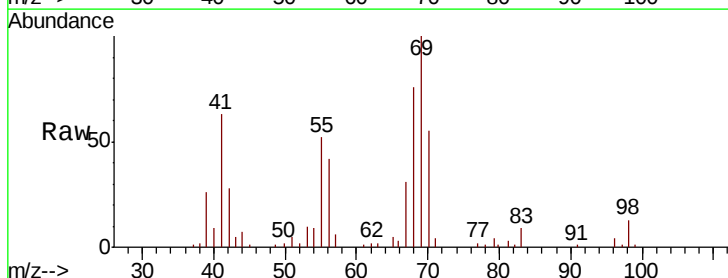


Abundance Ion 92.80 (92.50 to 93.50): VX0
Ion 94.80 (94.50 to 95.50): VX0
Ion 173.70 (173.40 to 174.40): V

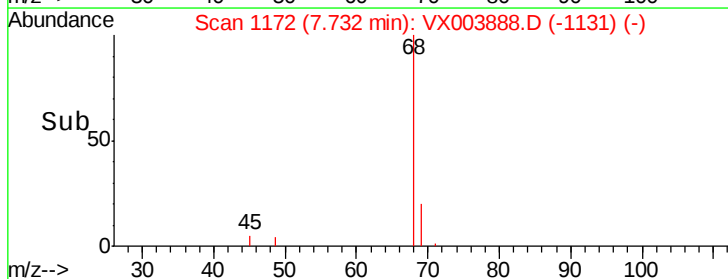
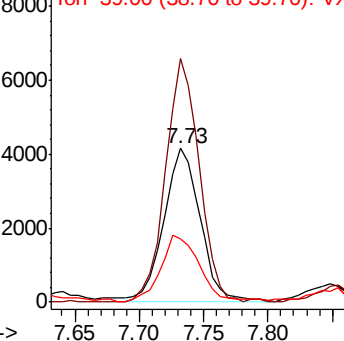


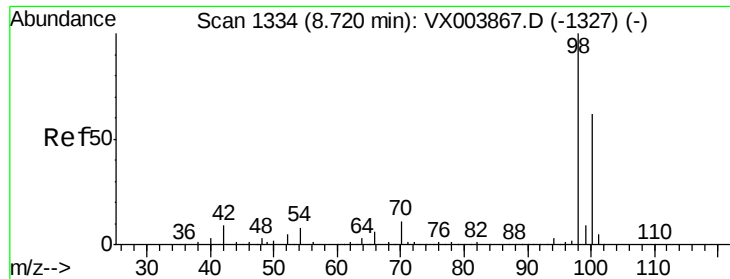
#48
Methyl methacrylate
Concen: 1.83 ug/l
RT: 7.73 min Scan# 1172
Delta R.T. -0.05 min
Lab File: VX003888.D
Acq: 07 Aug 2018 18:46

Tgt Ion: 41 Resp: 8249
Ion Ratio Lower Upper
41 100
69 145.2 68.8 103.2#
39 45.4 42.3 63.5



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





#50

Toluene-d8

Concen: 48.74 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003888.D

Acq: 07 Aug 2018 18:46

Instrument :

MSVOA_X

ClientSampleId :

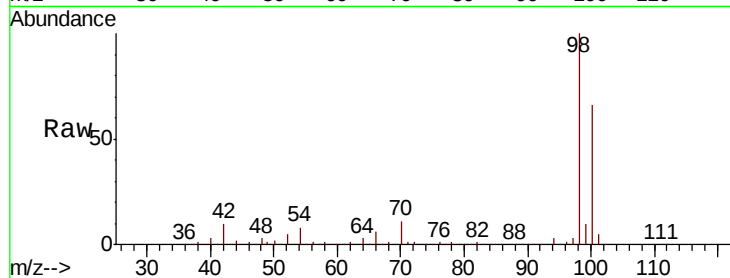
FL-0518DL

Tot Ion: 98 Resp: 685168

Ion Ratio Lower Upper

98 100

100 65.9 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.72

400000

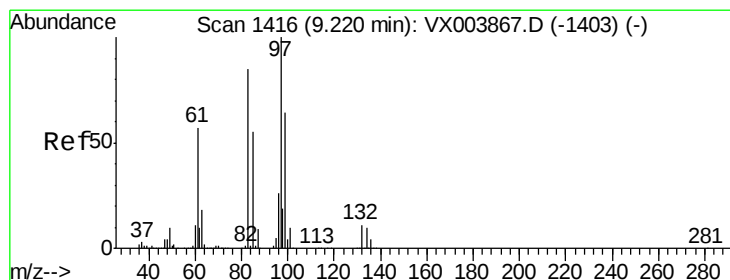
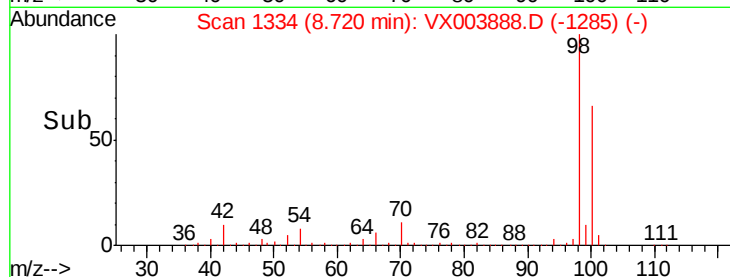
300000

200000

100000

0

Time-->



#55

1,1,2-Trichloroethane

Concen: 1.11 ug/l

RT: 9.16 min Scan# 1407

Delta R.T. -0.05 min

Lab File: VX003888.D

Acq: 07 Aug 2018 18:46

Tgt Ion: 97 Resp: 4582

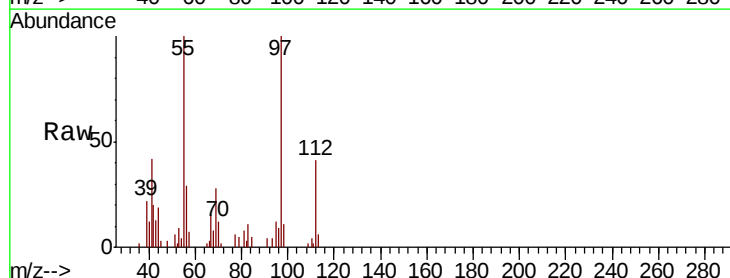
Ion Ratio Lower Upper

97 100

83 10.7 67.8 101.6#

85 0.0 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

9.16

4000

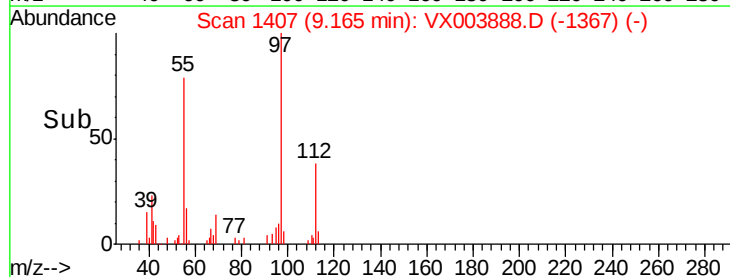
3000

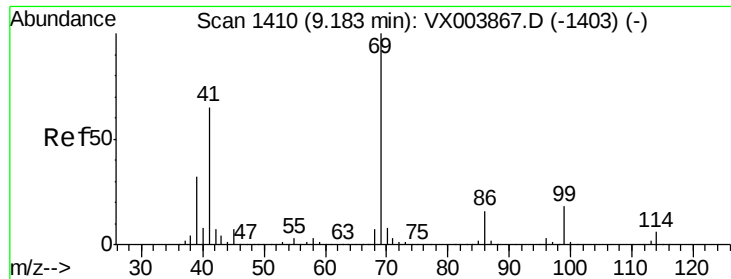
2000

1000

0

Time-->

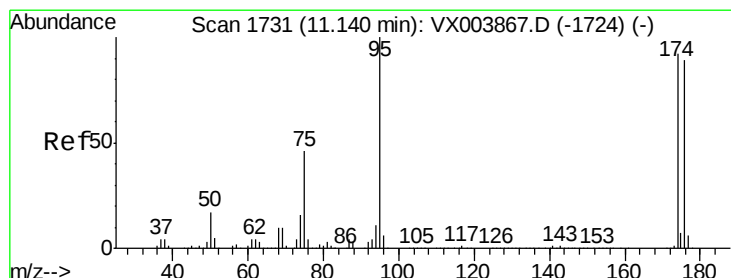
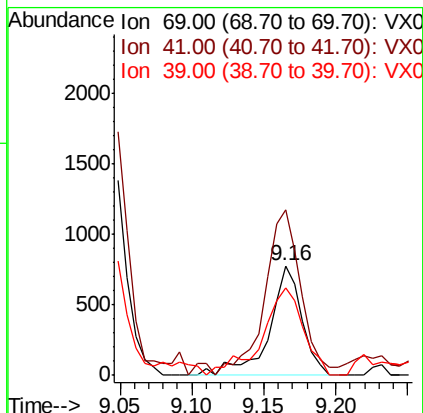
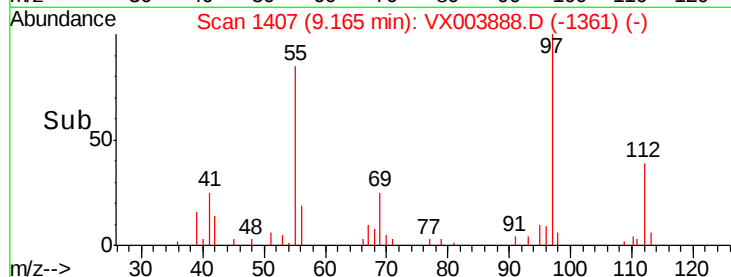
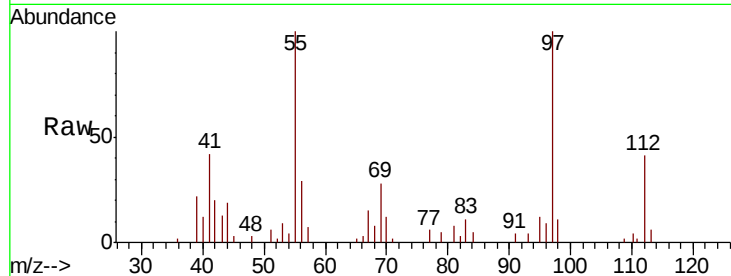




#56
Ethyl methacrylate
Concen: 0.20 ug/l
RT: 9.16 min Scan# 1407
Delta R.T. -0.02 min
Lab File: VX003888.D
Acq: 07 Aug 2018 18:46

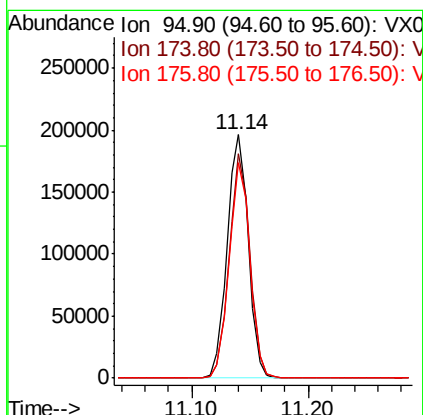
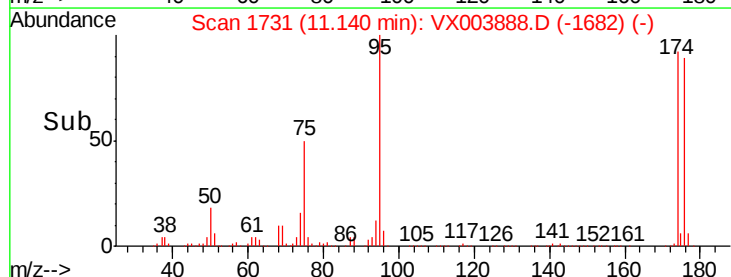
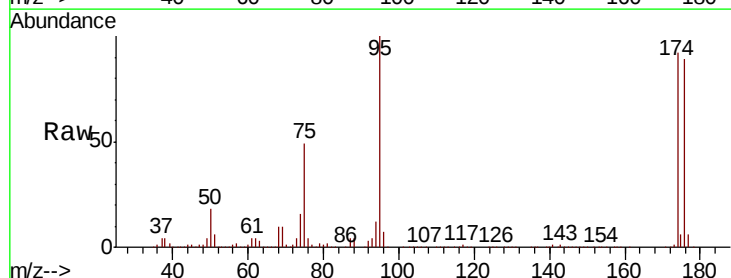
Instrument :
MSVOA_X
ClientSampled :
FL-0518DL

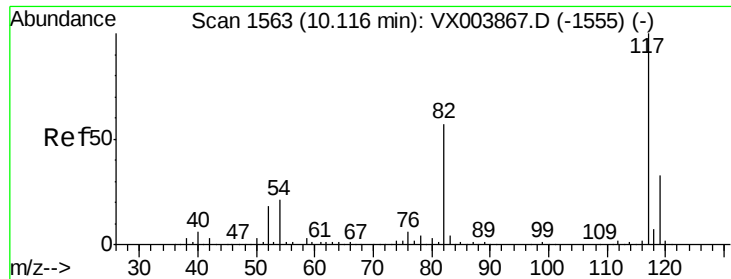
Tot Ion: 69 Resp: 1228
Ion Ratio Lower Upper
69 100
41 166.1 50.6 76.0#
39 99.7 25.8 38.6#



#62
4-Bromofluorobenzene
Concen: 54.53 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003888.D
Acq: 07 Aug 2018 18:46

Tgt Ion: 95 Resp: 248045
Ion Ratio Lower Upper
95 100
174 90.3 0.0 182.8
176 87.1 0.0 179.0

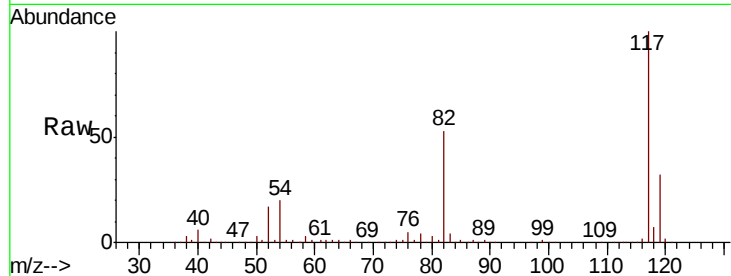




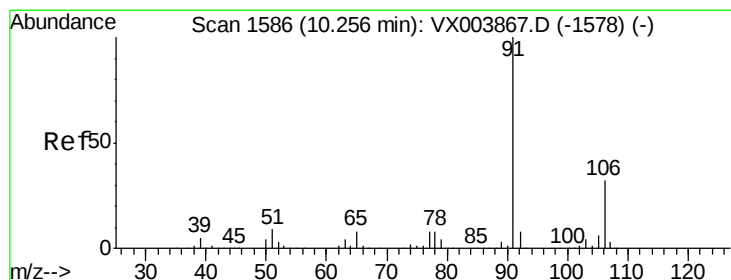
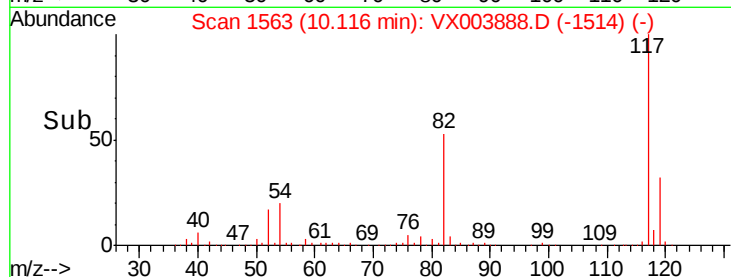
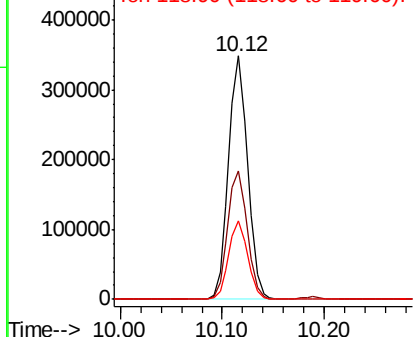
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003888.D
Acq: 07 Aug 2018 18:46

Instrument :
MSVOA_X
ClientSampleId :
FL-0518DL

Tot Ion:117 Resp: 451798
Ion Ratio Lower Upper
117 100
82 52.8 45.4 68.0
119 32.1 26.6 40.0

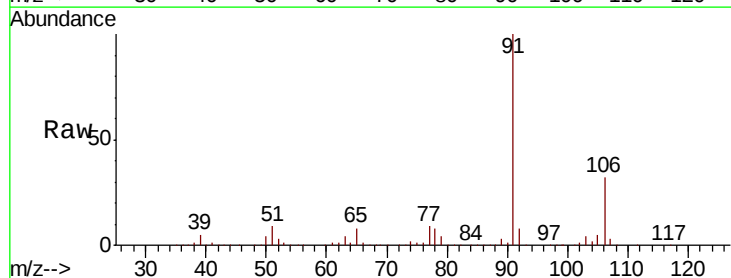


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

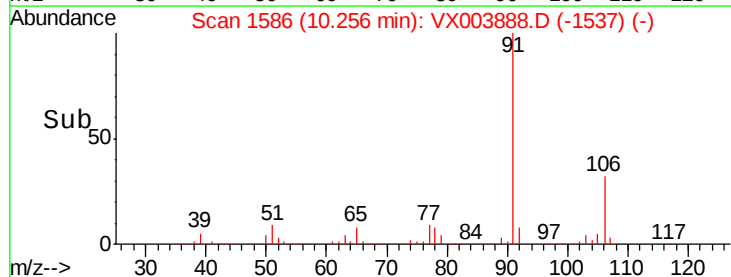
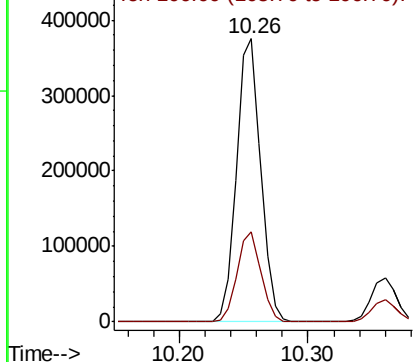


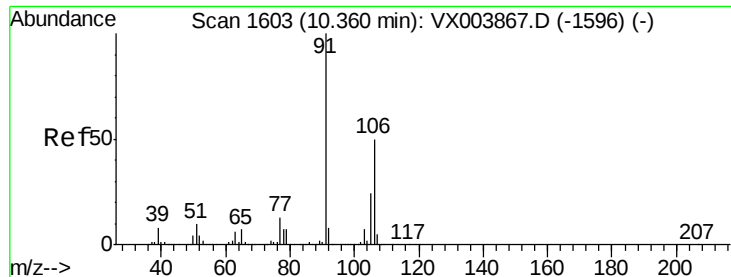
#67
Ethyl Benzene
Concen: 25.43 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003888.D
Acq: 07 Aug 2018 18:46

Tgt Ion: 91 Resp: 489413
Ion Ratio Lower Upper
91 100
106 31.9 25.9 38.9



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

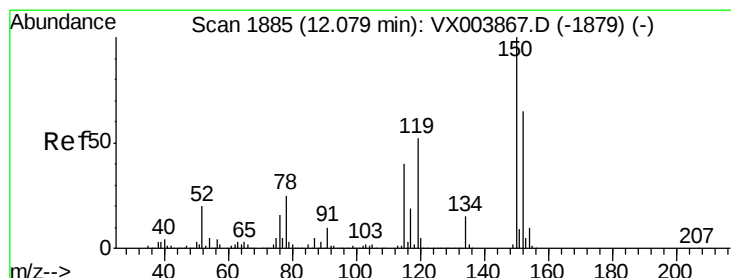
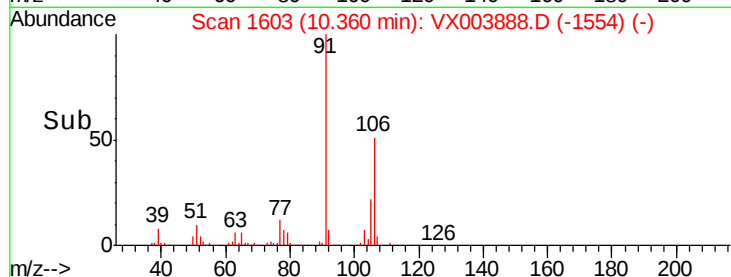
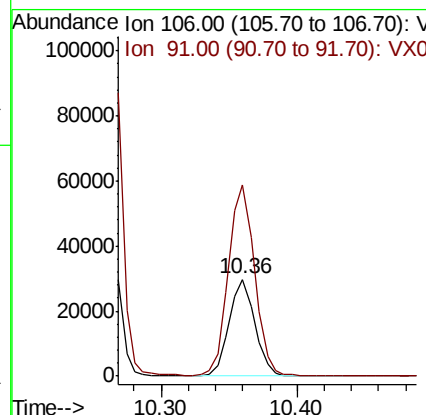
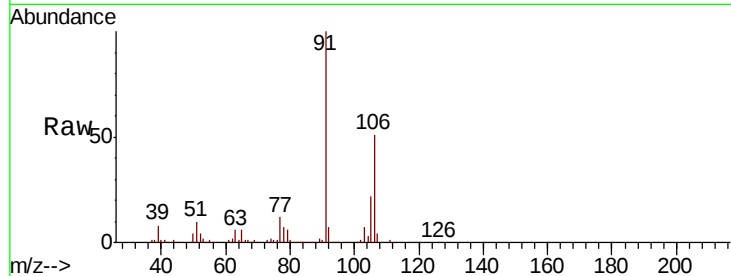




#68
m/p-Xvlenes
Concen: 5.24 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003888.D
Acq: 07 Aug 2018 18:46

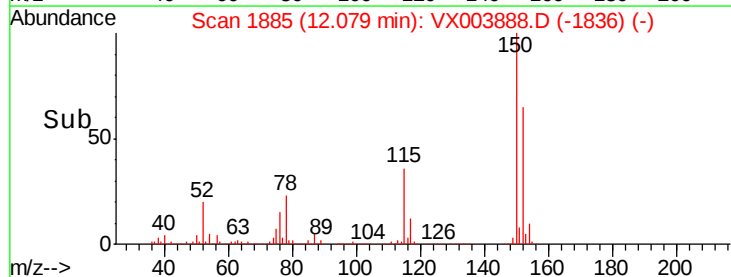
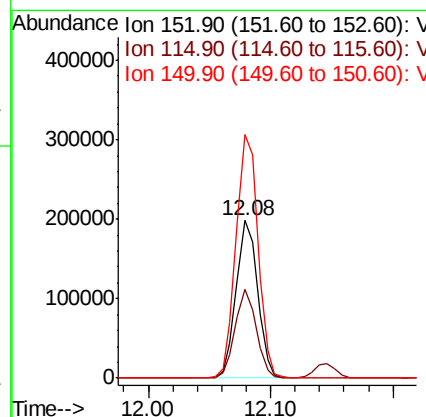
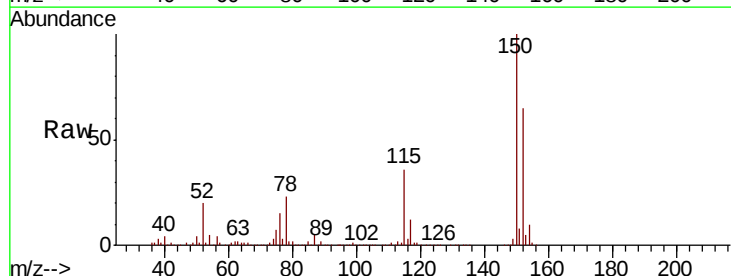
Instrument :
MSVOA_X
ClientSampled :
FL-0518DL

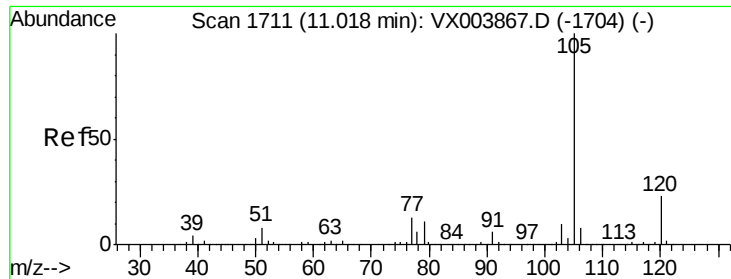
Tot Ion:106 Resp: 39439
Ion Ratio Lower Upper
106 100
91 198.5 162.3 243.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003888.D
Acq: 07 Aug 2018 18:46

Tgt Ion:152 Resp: 239511
Ion Ratio Lower Upper
152 100
115 55.0 39.1 117.3
150 158.5 0.0 349.2





#73

Isopropylbenzene

Concen: 9.20 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX003888.D

Acq: 07 Aug 2018 18:46

Instrument :

MSVOA_X

ClientSampled :

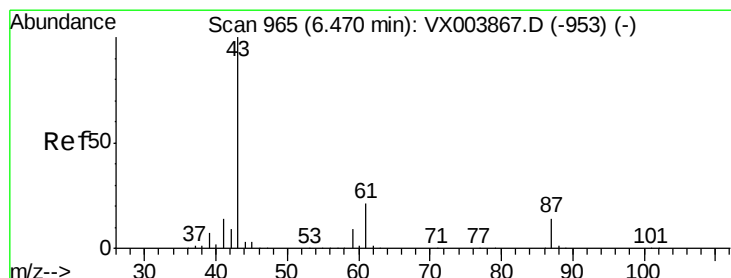
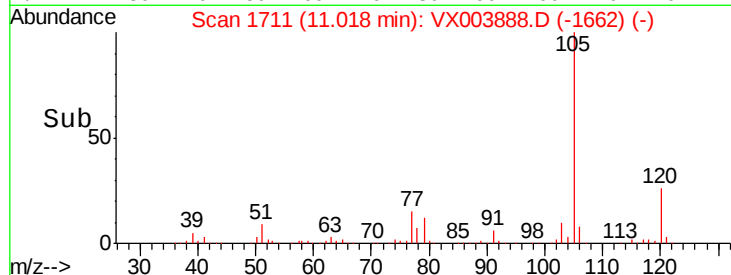
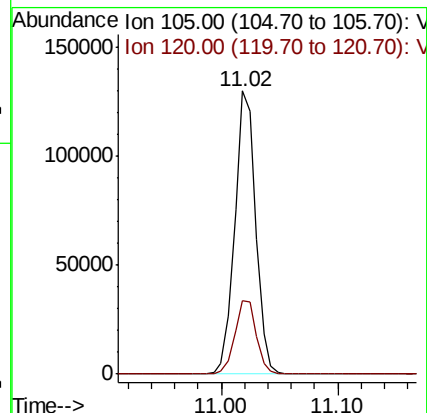
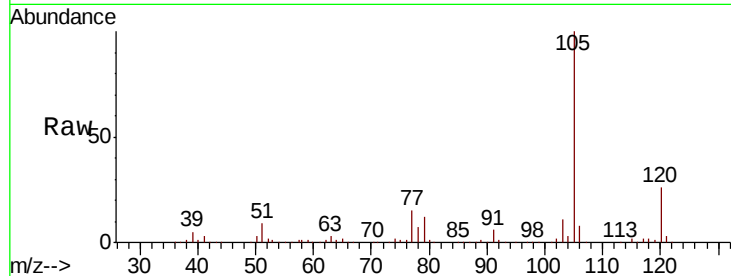
FL-0518DL

Tot Ion:105 Resp: 163083

Ion Ratio Lower Upper

105 100

120 26.6 12.6 37.8



#74

N-ethyl acetate

Concen: 0.28 ug/l

RT: 6.45 min Scan# 962

Delta R.T. -0.02 min

Lab File: VX003888.D

Acq: 07 Aug 2018 18:46

Tgt Ion: 43 Resp: 2586

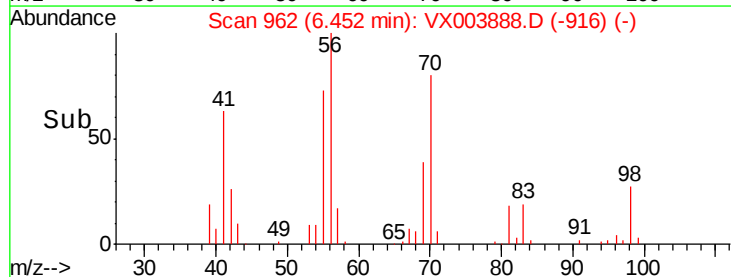
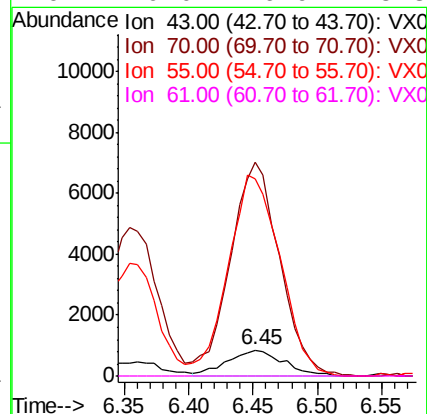
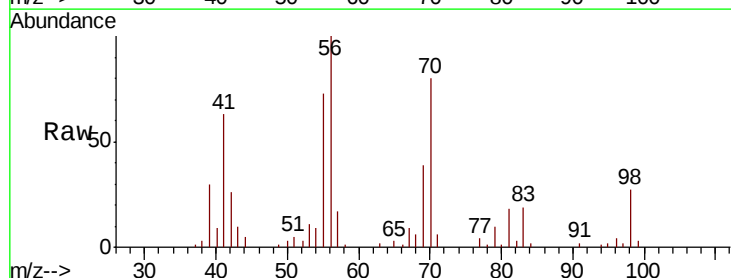
Ion Ratio Lower Upper

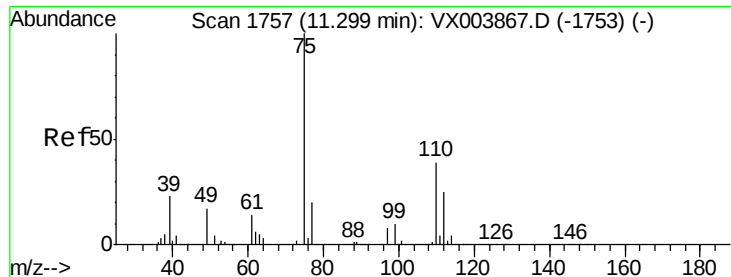
43 100

70 723.0 0.0 0.0#

55 719.3 0.1 0.1#

61 0.0 16.9 25.3#

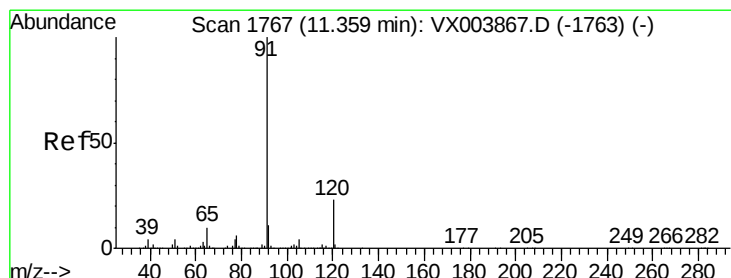
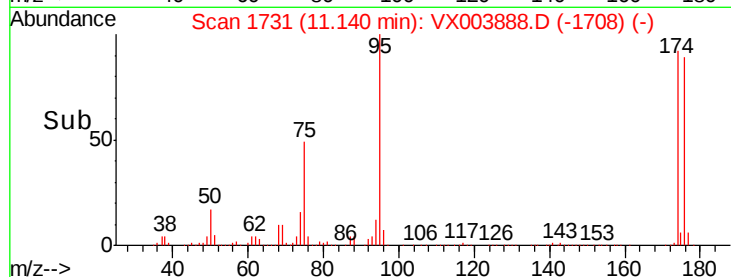
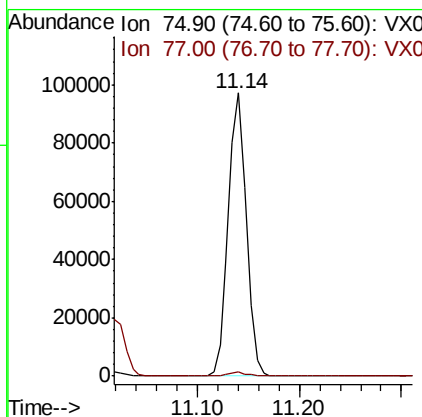
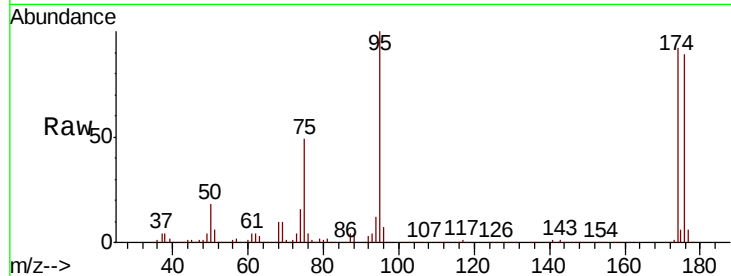




#76
 1,2,3-Trichloropropane
 Concen: 22.59 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.16 min
 Lab File: VX003888.D
 Acq: 07 Aug 2018 18:46

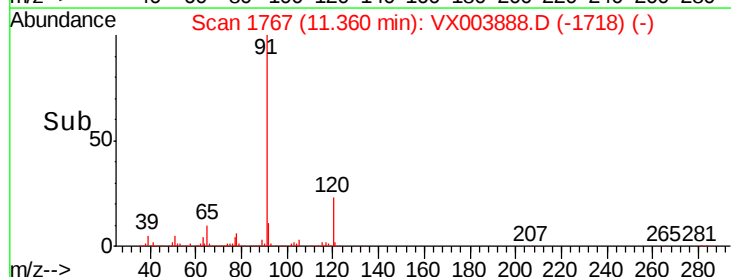
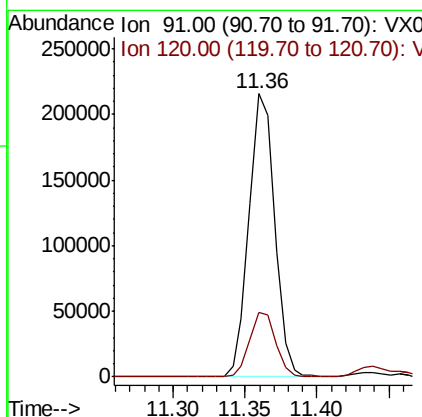
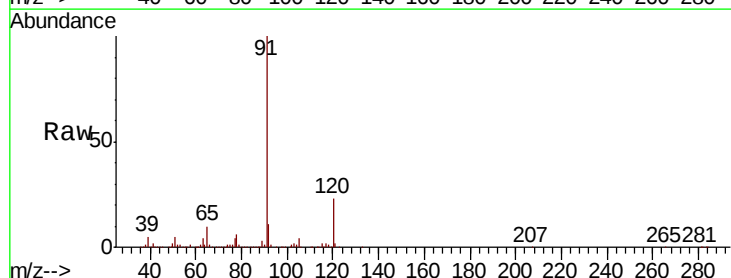
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0518DL

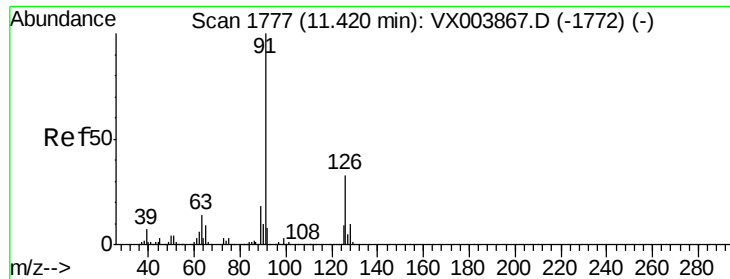
Tot Ion: 75 Resp: 119525
 Ion Ratio Lower Upper
 75 100
 77 1.5 20.8 62.5#



#78
 n-propylbenzene
 Concen: 13.44 ug/l
 RT: 11.36 min Scan# 1767
 Delta R.T. 0.00 min
 Lab File: VX003888.D
 Acq: 07 Aug 2018 18:46

Tgt Ion: 91 Resp: 267412
 Ion Ratio Lower Upper
 91 100
 120 23.2 11.9 35.5

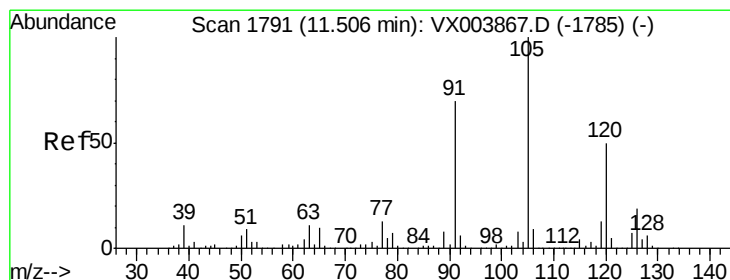
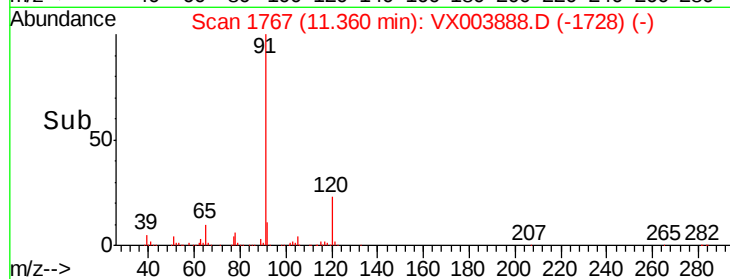
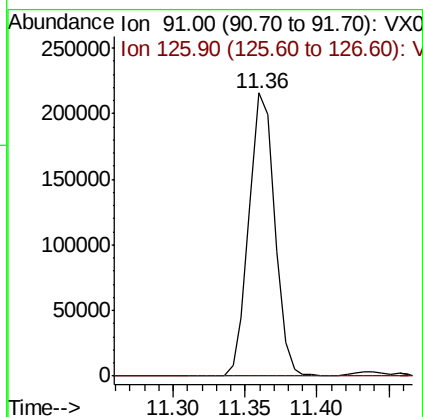
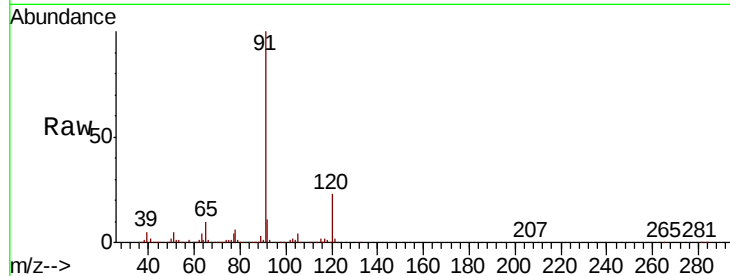




#79
 2-Chlorotoluene
 Concen: 22.04 ug/l
 RT: 11.36 min Scan# 1767
 Delta R.T. -0.06 min
 Lab File: VX003888.D
 Acq: 07 Aug 2018 18:46

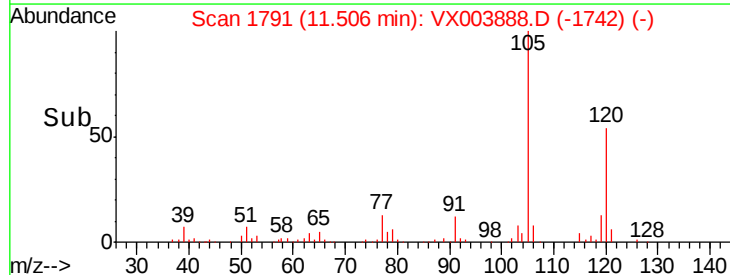
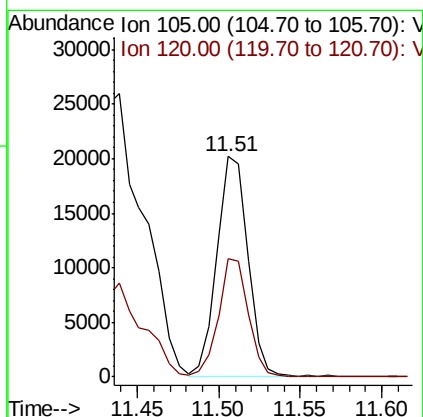
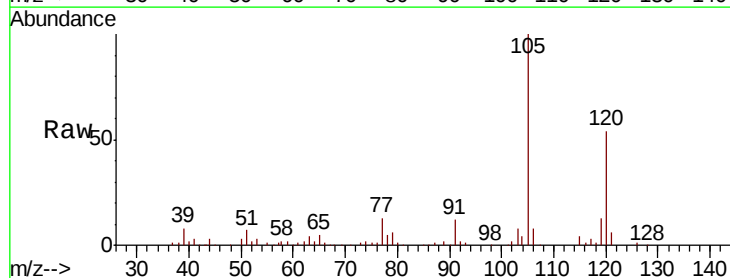
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0518DL

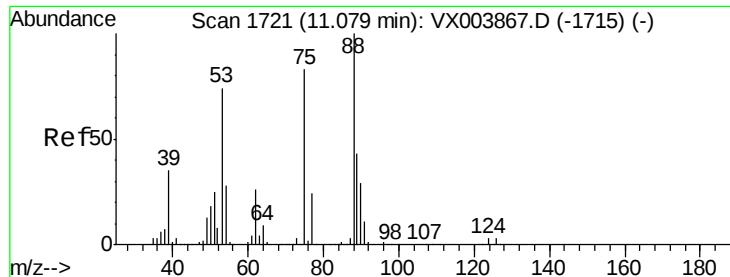
Tot Ion: 91 Resp: 267412
 Ion Ratio Lower Upper
 91 100
 126 0.0 17.4 52.3#



#80
 1,3,5-Trimethylbenzene
 Concen: 1.87 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX003888.D
 Acq: 07 Aug 2018 18:46

Tgt Ion: 105 Resp: 27006
 Ion Ratio Lower Upper
 105 100
 120 51.2 25.4 76.2

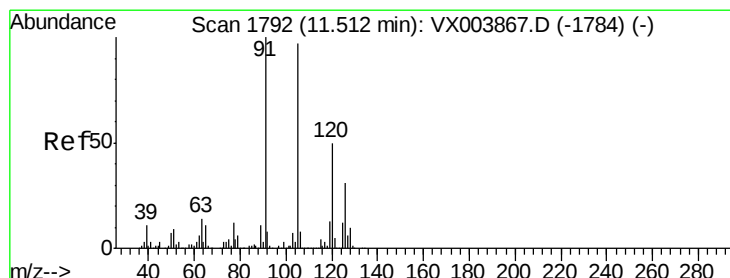
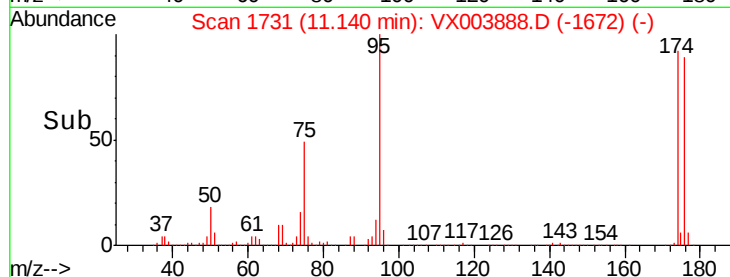
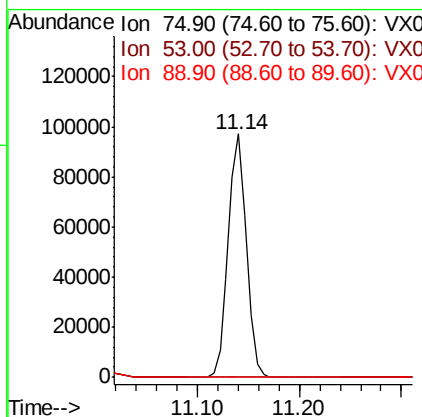
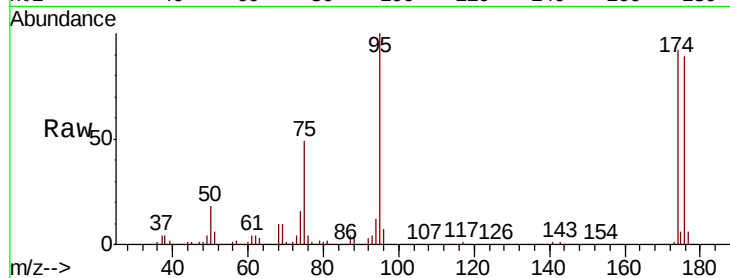




#81
trans-1,4-Dichloro-2-butene
Concen: 60.95 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX003888.D
Acq: 07 Aug 2018 18:46

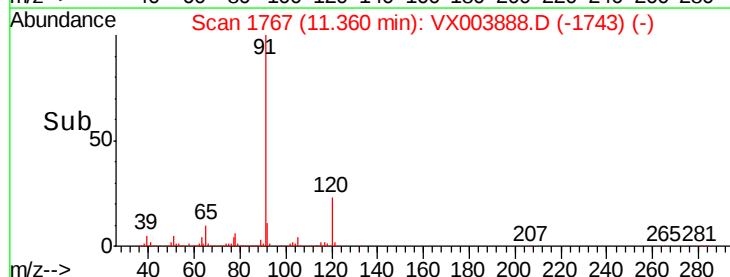
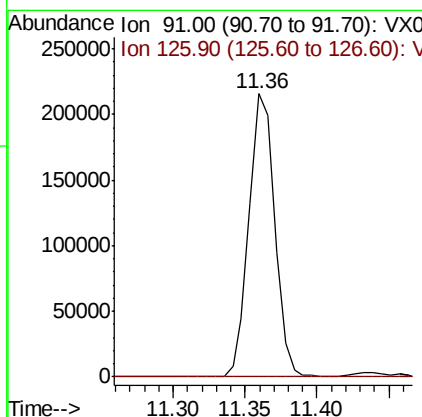
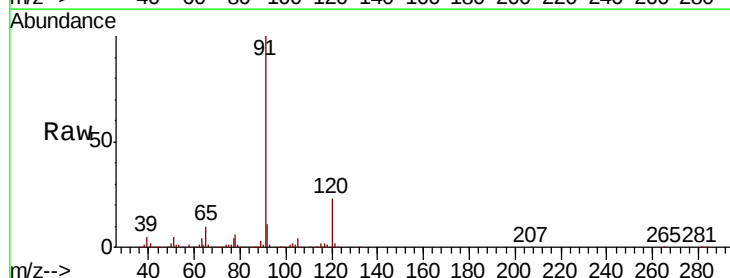
Instrument :
MSVOA_X
ClientSampled :
FL-0518DL

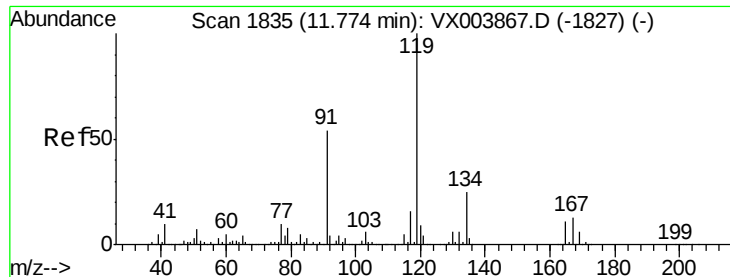
Tot Ion: 75 Resp: 119525
Ion Ratio Lower Upper
75 100
53 0.1 80.3 120.5#
89 0.0 37.8 56.8#



#82
4-Chlorotoluene
Concen: 18.82 ug/l
RT: 11.36 min Scan# 1767
Delta R.T. -0.15 min
Lab File: VX003888.D
Acq: 07 Aug 2018 18:46

Tgt Ion: 91 Resp: 267412
Ion Ratio Lower Upper
91 100
126 0.0 15.6 46.7#

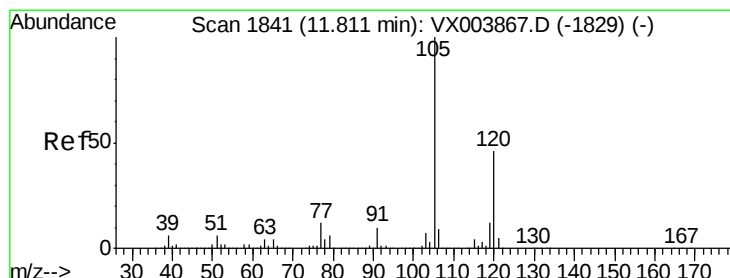
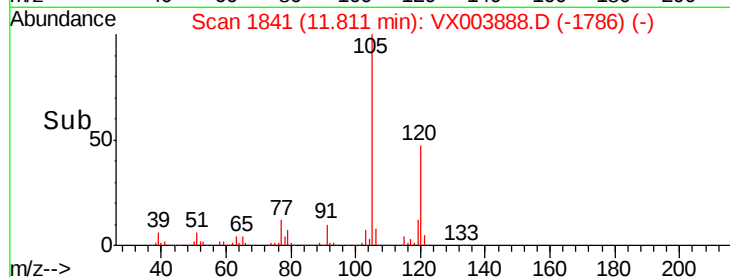
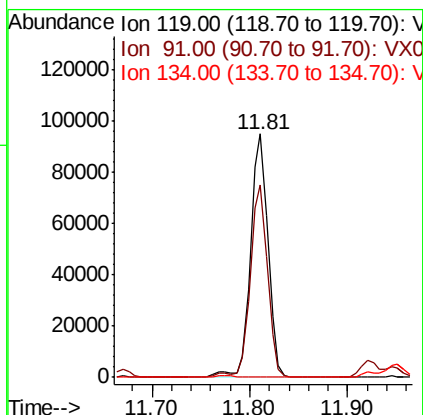
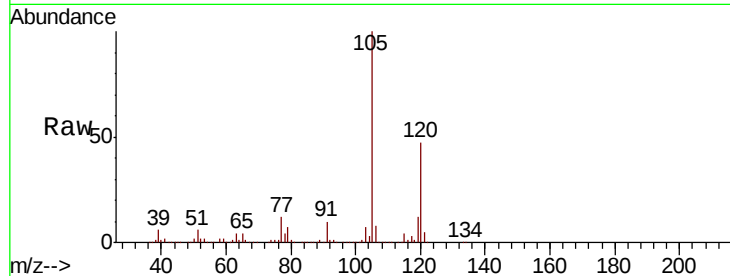




#83
 tert-Butylbenzene
 Concen: 8.31 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.04 min
 Lab File: VX003888.D
 Acq: 07 Aug 2018 18:46

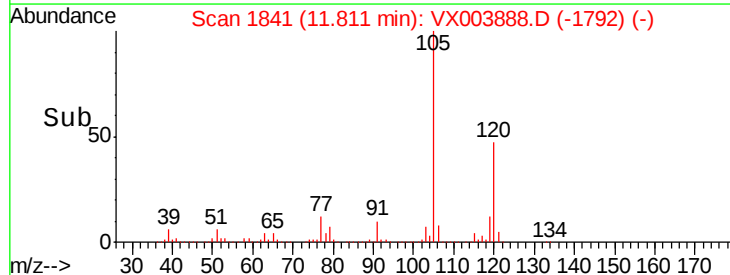
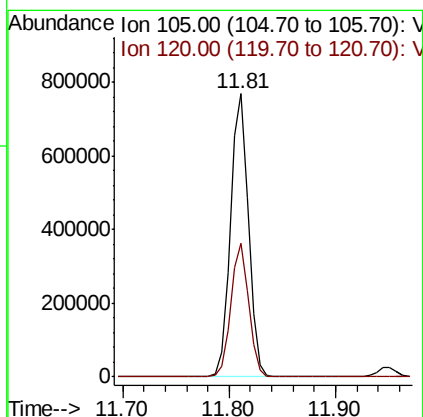
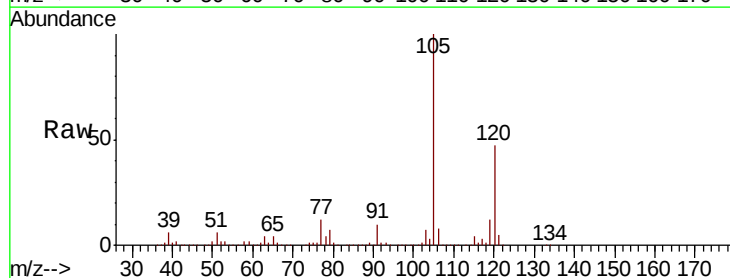
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0518DL

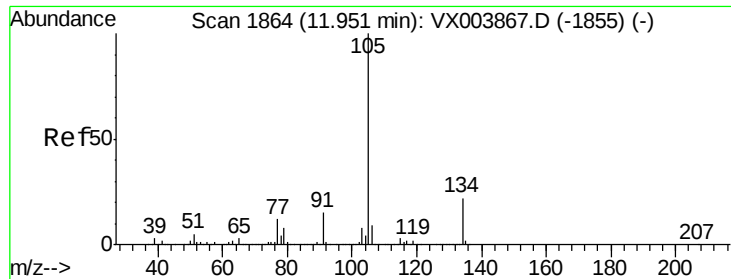
Tot Ion:119 Resp: 118044
 Ion Ratio Lower Upper
 119 100
 91 78.9 26.9 80.7
 134 0.5 12.0 36.0#



#84
 1,2,4-Trimethylbenzene
 Concen: 62.80 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003888.D
 Acq: 07 Aug 2018 18:46

Tgt Ion:105 Resp: 912341
 Ion Ratio Lower Upper
 105 100
 120 46.8 23.1 69.2





#85

sec-Butylbenzene

Concen: 1.92 ug/l

RT: 11.94 min Scan# 1863

Delta R.T. -0.01 min

Lab File: VX003888.D

Acq: 07 Aug 2018 18:46

Instrument :

MSVOA_X

ClientSampled :

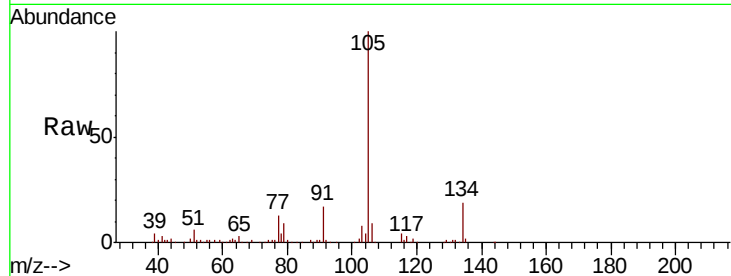
FL-0518DL

Tot Ion:105 Resp: 32187

Ion Ratio Lower Upper

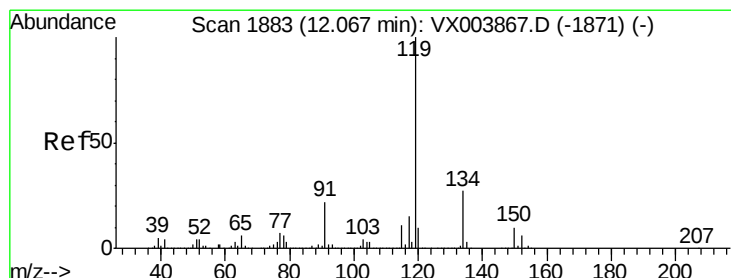
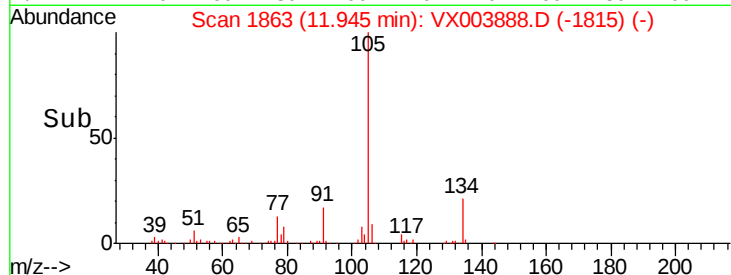
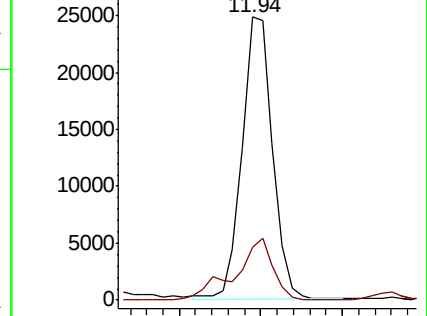
105 100

134 27.4 10.3 30.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.72 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003888.D

Acq: 07 Aug 2018 18:46

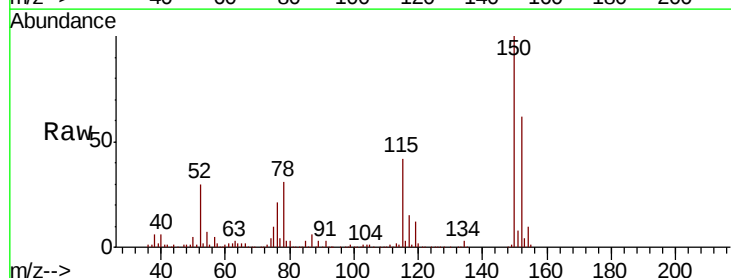
Tgt Ion:119 Resp: 10824

Ion Ratio Lower Upper

119 100

134 28.6 13.3 39.8

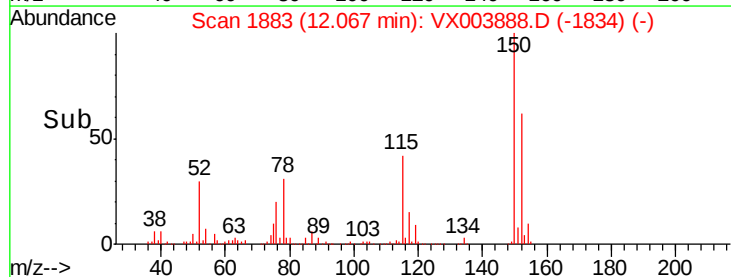
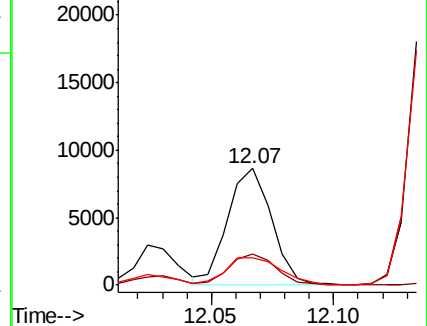
91 27.6 10.9 32.7

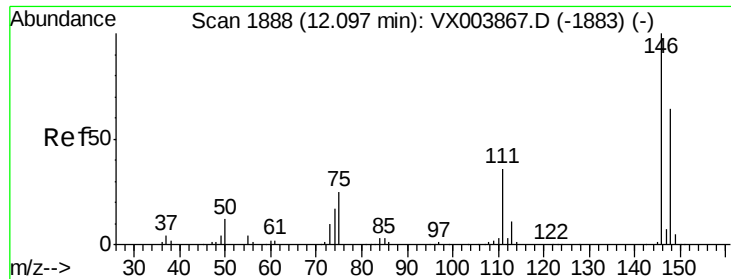


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

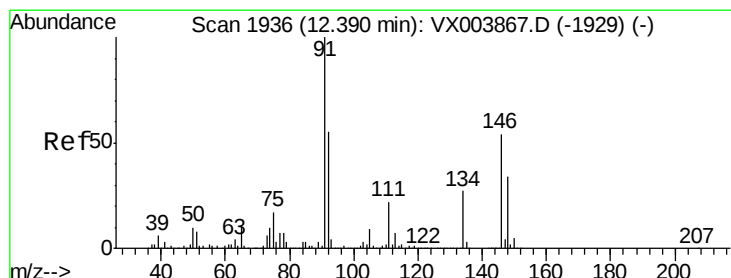
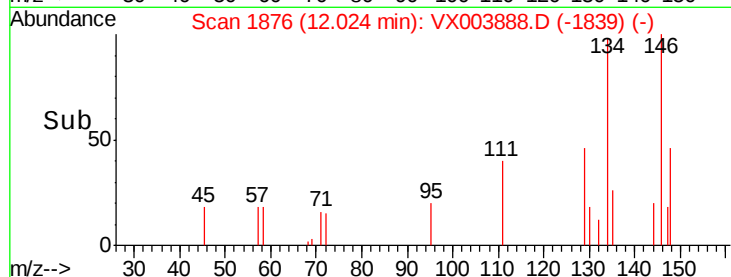
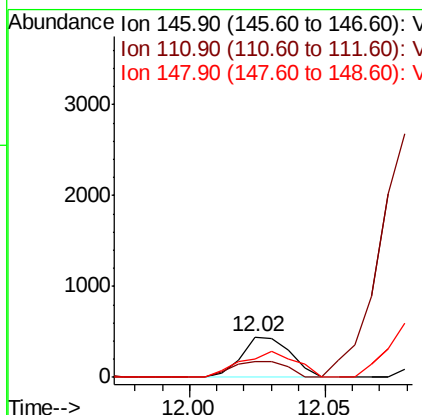
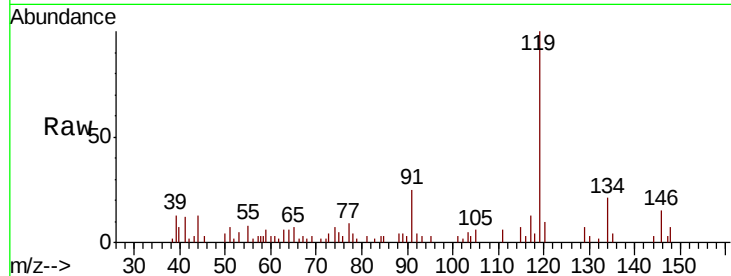




#88
 1,4-Dichlorobenzene
 Concen: Below Cal
 RT: 12.02 min Scan# 1876
 Delta R.T. -0.07 min
 Lab File: VX003888.D
 Acq: 07 Aug 2018 18:46

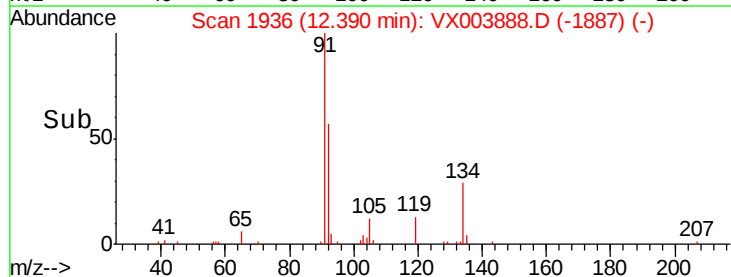
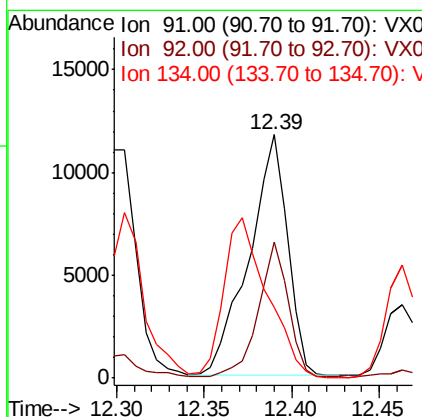
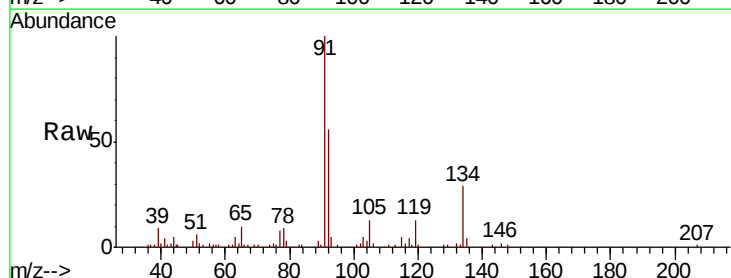
Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0518DL

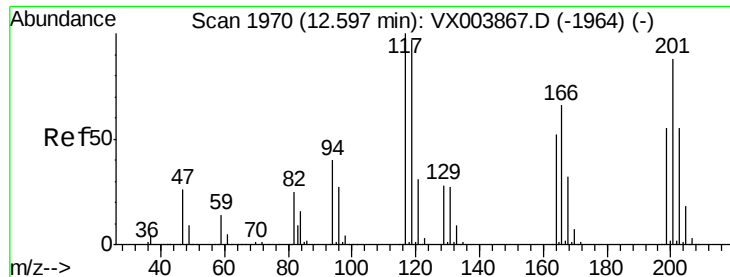
Tot Ion:146 Resp: 555
 Ion Ratio Lower Upper
 146 100
 111 45.0 18.4 55.0
 148 71.2 32.3 96.8



#89
 n-Butylbenzene
 Concen: 1.38 ug/l
 RT: 12.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VX003888.D
 Acq: 07 Aug 2018 18:46

Tgt Ion: 91 Resp: 18040
 Ion Ratio Lower Upper
 91 100
 92 44.8 27.1 81.3
 134 75.0 13.6 40.7#

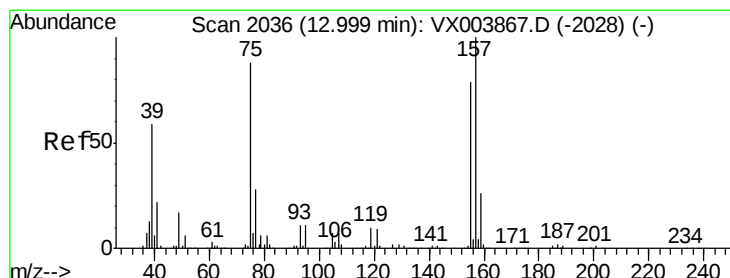
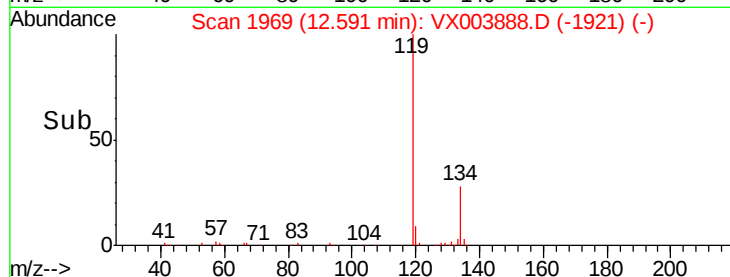
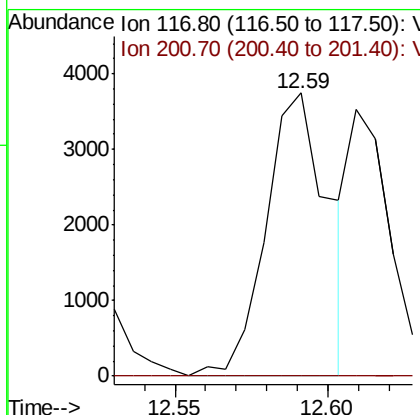
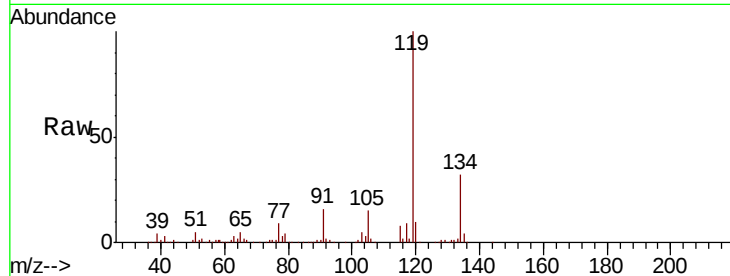




#90
Hexachloroethane
Concen: 2.17 ug/l
RT: 12.59 min Scan# 1969
Delta R.T. -0.01 min
Lab File: VX003888.D
Acq: 07 Aug 2018 18:46

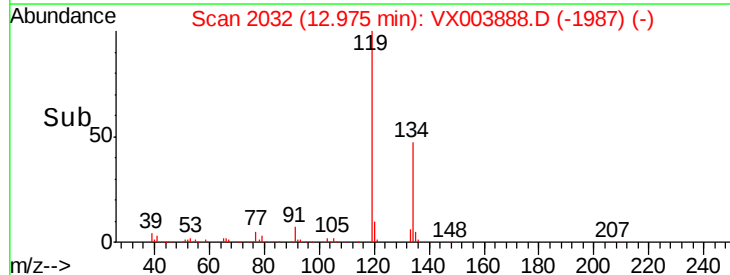
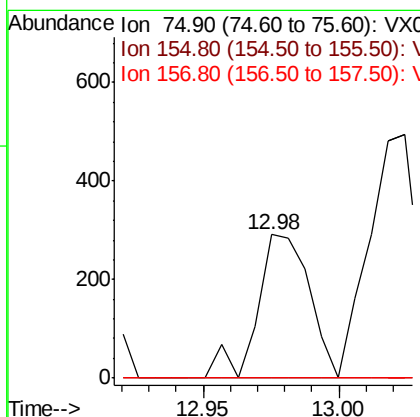
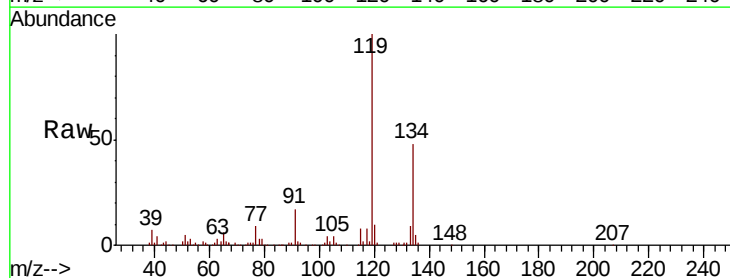
Instrument :
MSVOA_X
ClientSampleId :
FL-0518DL

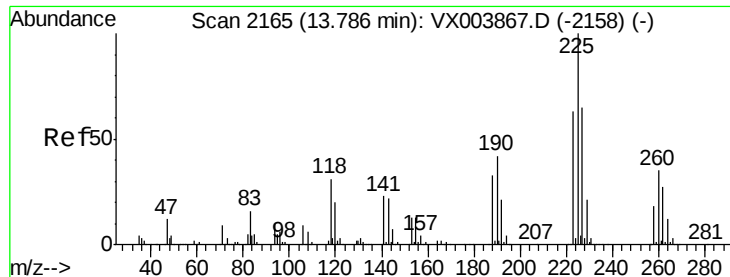
Tot Ion:117 Resp: 5300
Ion Ratio Lower Upper
117 100
201 0.0 46.1 138.2#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.31 ug/l
RT: 12.98 min Scan# 2032
Delta R.T. -0.02 min
Lab File: VX003888.D
Acq: 07 Aug 2018 18:46

Tgt Ion: 75 Resp: 386
Ion Ratio Lower Upper
75 100
155 0.0 48.7 146.1#
157 0.0 62.6 187.8#

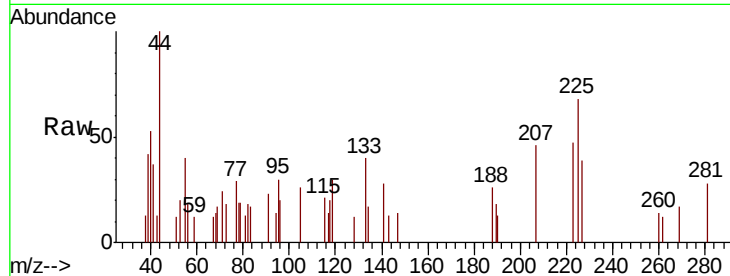




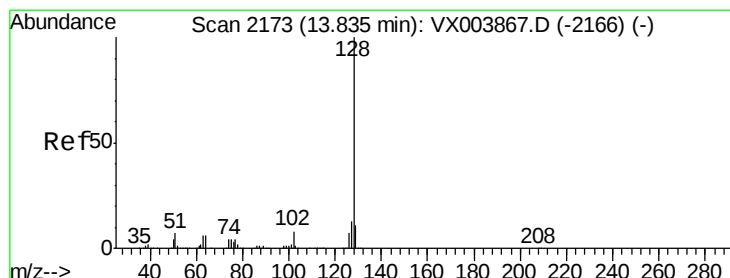
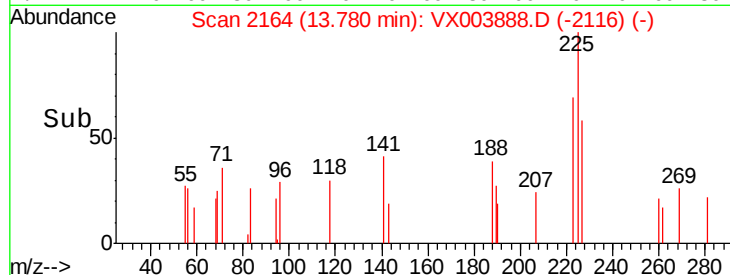
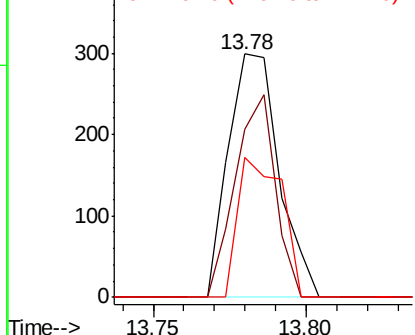
#94
Hexachlorobutadiene
Concen: 0.55 ug/l
RT: 13.78 min Scan# 2164
Delta R.T. -0.01 min
Lab File: VX003888.D
Acq: 07 Aug 2018 18:46

Instrument :
MSVOA_X
ClientSampleId :
FL-0518DL

Tot Ion:225 Resp: 342
Ion Ratio Lower Upper
225 100
223 65.8 31.4 94.0
227 50.0 32.1 96.5

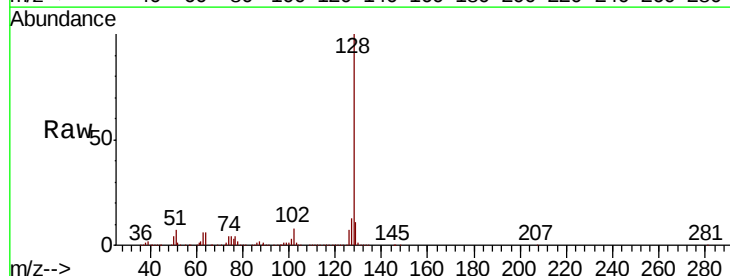


Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95
Naphthalene
Concen: 11.22 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX003888.D
Acq: 07 Aug 2018 18:46

Tgt Ion:128 Resp: 200128
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 11.2 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

