

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080718\
 Data File : VX003882.D
 Acq On : 07 Aug 2018 15:39
 Operator : JC/MD
 Sample : J4344-11DL 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0530DL

Quant Time: Aug 08 01:21:52 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	296727	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	449642	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	428712	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	231529	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	195438	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	
35) Dibromofluoromethane	5.50	113	162871	47.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.62%	
50) Toluene-d8	8.72	98	638904	48.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.46%	
62) 4-Bromofluorobenzene	11.14	95	233138	54.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.78%	

Target Compounds

						Qvalue
3) Chloromethane	1.32	50	1250	0.31	ug/l	97
5) Bromomethane	1.64	94	1372	Below	Cal	99
10) Methyl Iodide	2.50	142	1648	0.39	ug/l #	91
11) Tert butyl alcohol	3.01	59	9868	10.44	ug/l #	73
13) Acrolein	2.29	56	325	Below	Cal #	15
14) Allyl chloride	2.82	41	8325	1.36	ug/l #	66
15) Acrylonitrile	3.15	53	3419	1.52	ug/l #	58
16) Acetone	2.45	43	1727	0.74	ug/l #	71
17) Carbon Disulfide	2.56	76	3224	0.79	ug/l	100
18) Methyl Acetate	2.83	43	21982	4.31	ug/l #	52
20) Methylene Chloride	2.85	84	2840	Below	Cal #	83
25) 2-Butanone	4.72	43	903	0.26	ug/l #	87
29) Tetrahydrofuran	5.18	42	1382	0.76	ug/l #	58
31) Cyclohexane	5.57	56	101976	17.99	ug/l	98
38) Carbon Tetrachloride	5.66	117	26958	5.62	ug/l #	14
39) Methylcyclohexane	7.46	83	64893	10.93	ug/l	97
43) Isopropyl Acetate	6.45	43	1759	0.21	ug/l #	61
52) Toluene	8.79	92	4156	0.43	ug/l	99
67) Ethyl Benzene	10.26	91	724462	39.67	ug/l	98
68) m/p-Xylenes	10.36	106	515641	72.27	ug/l	95
69) o-Xylene	10.70	106	141149	20.96	ug/l	97
70) Styrene	10.70	104	8227	0.75	ug/l #	1
73) Isopropylbenzene	11.02	105	46652	2.72	ug/l	96
76) 1,2,3-Trichloropropane	11.14	75	110239	21.56	ug/l #	36
78) n-propylbenzene	11.36	91	94468	4.91	ug/l	97
79) 2-Chlorotoluene	11.44	91	38290	3.27	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.51	105	108691	7.78	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.14	75	110239	58.26	ug/l #	9
82) 4-Chlorotoluene	11.51	91	12607	0.92	ug/l #	54
83) tert-Butylbenzene	11.81	119	58306	4.24	ug/l #	63
84) 1,2,4-Trimethylbenzene	11.81	105	439465	31.29	ug/l	100
85) sec-Butylbenzene	11.95	105	13381	0.83	ug/l	80
86) p-Isopropyltoluene	12.07	119	9705	0.67	ug/l	91
88) 1,4-Dichlorobenzene	12.03	146	1461	Below	Cal	96

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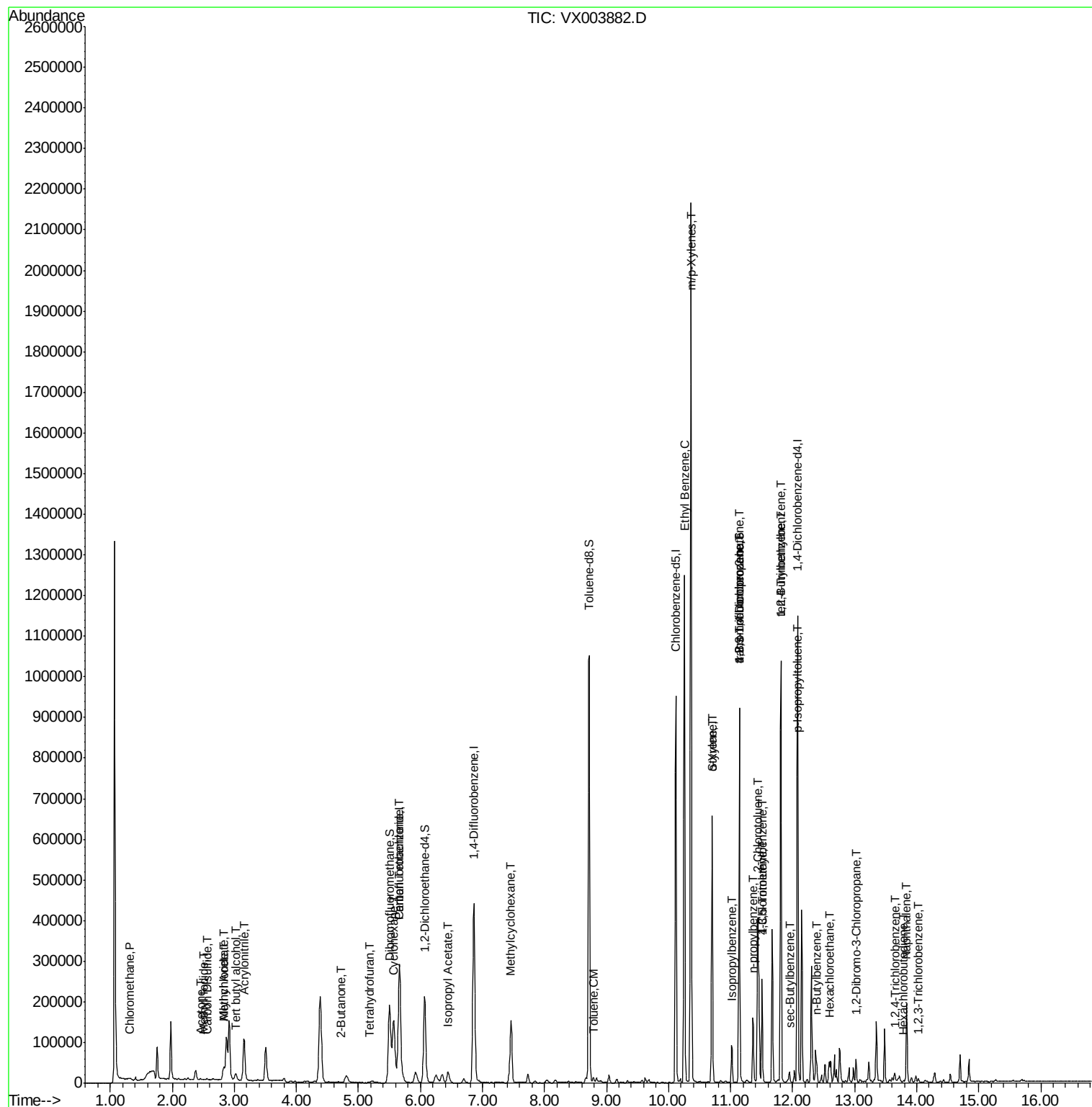
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	12.39	91	15036	1.19	ug/l #	44
90) Hexachloroethane	12.58	117	2787	1.18	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	13.02	75	281	0.23	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.65	180	1969	0.33	ug/l #	83
94) Hexachlorobutadiene	13.79	225	951	0.79	ug/l	95
95) Naphthalene	13.83	128	121732	7.06	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	1534	0.26	ug/l #	91

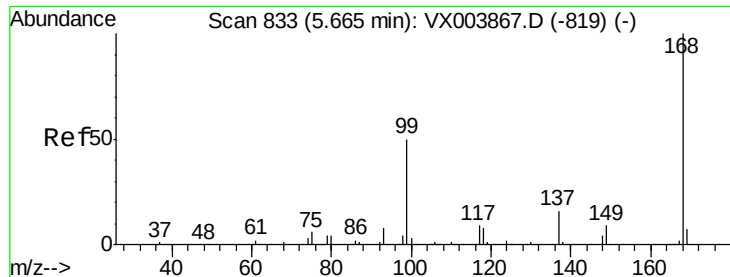
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX003882.D

Acq: 07 Aug 2018 15:39

Instrument :

MSVOA_X

ClientSampleId :

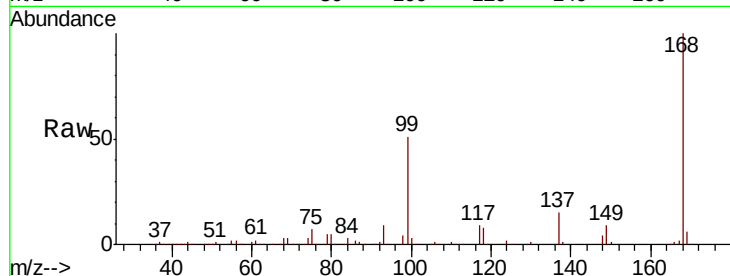
FL-0530DL

Tot Ion:168 Resp: 296727

Ion Ratio Lower Upper

168 100

99 50.9 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

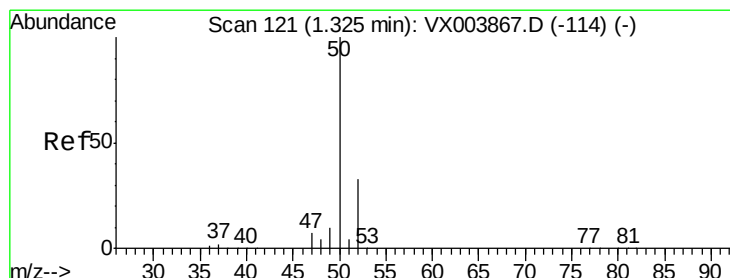
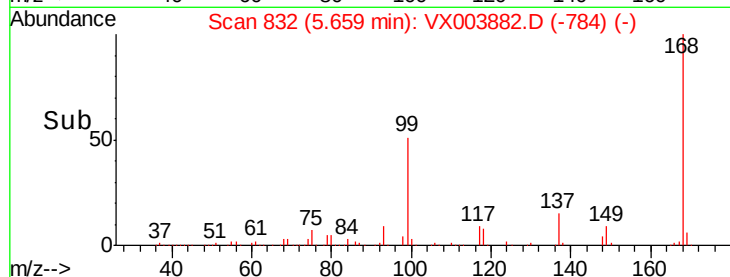
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.31 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003882.D

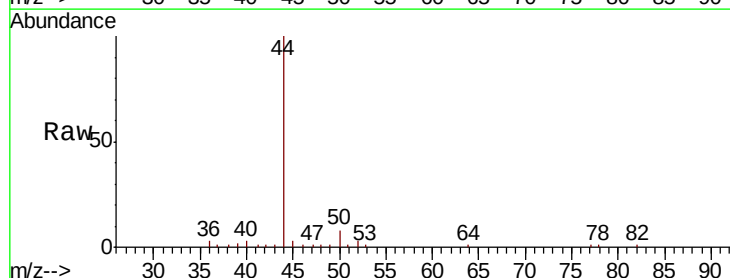
Acq: 07 Aug 2018 15:39

Tgt Ion: 50 Resp: 1250

Ion Ratio Lower Upper

50 100

52 34.9 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

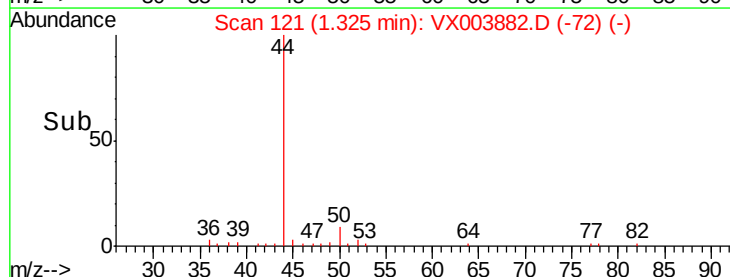
600

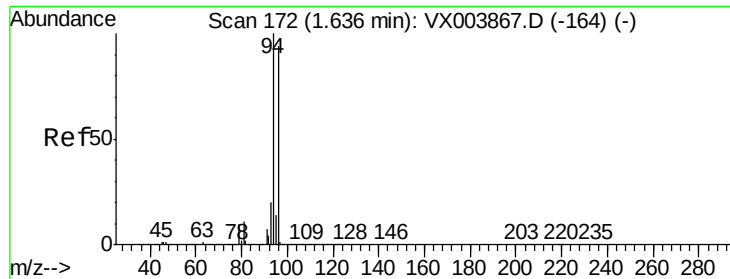
400

200

0

Time--> 1.25 1.30 1.35





#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003882.D

Acq: 07 Aug 2018 15:39

Instrument :

MSVOA_X

ClientSampleID :

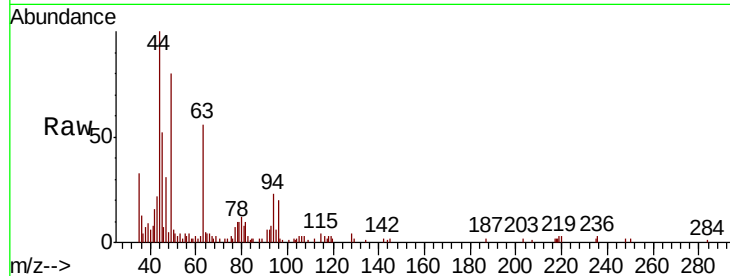
FL-0530DL

Tot Ion: 94 Resp: 1372

Ion Ratio Lower Upper

94 100

96 94.6 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

800

600

400

200

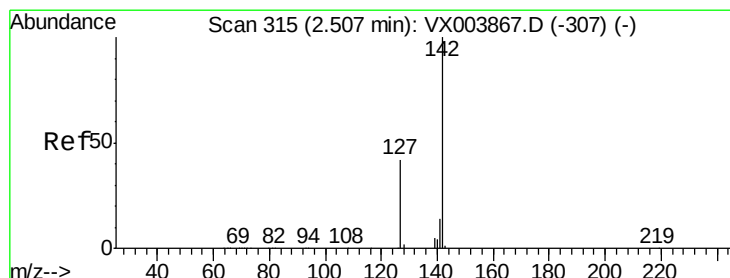
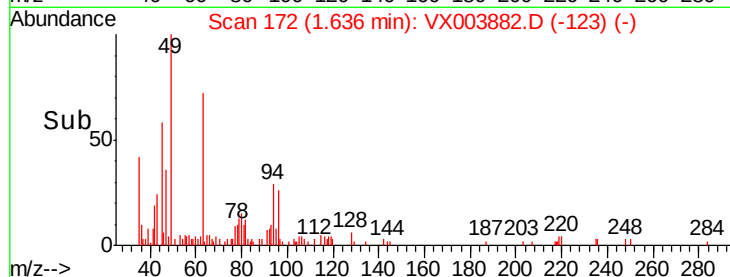
0

1.60

1.65

1.70

Time-->



#10

Methyl Iodide

Concen: 0.39 ug/l

RT: 2.50 min Scan# 314

Delta R.T. -0.01 min

Lab File: VX003882.D

Acq: 07 Aug 2018 15:39

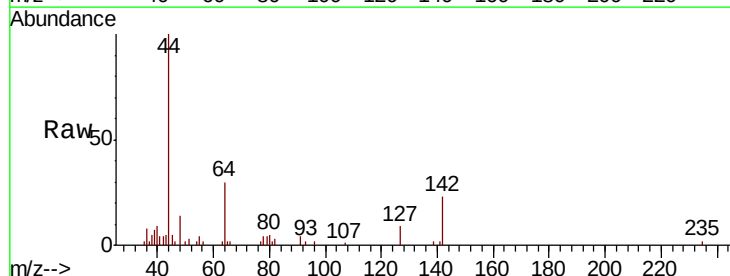
Tgt Ion: 142 Resp: 1648

Ion Ratio Lower Upper

142 100

127 46.1 33.1 49.7

141 8.1 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

2.50

800

600

400

200

0

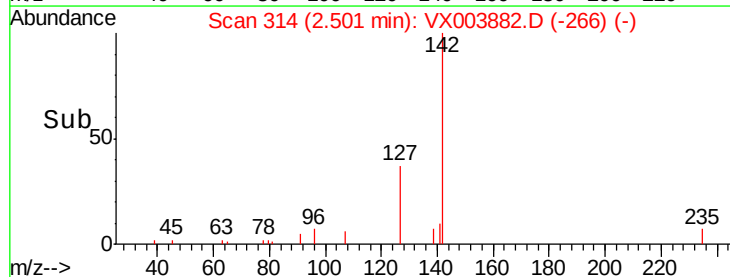
2.45

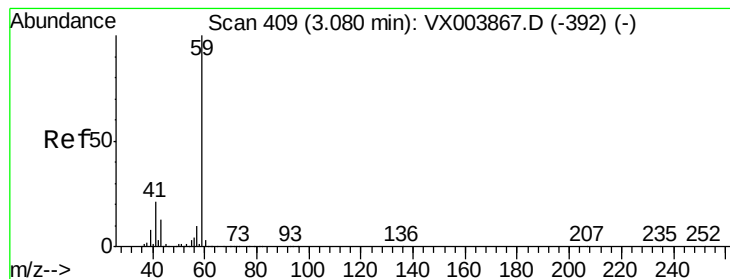
2.50

2.55

2.60

Time-->



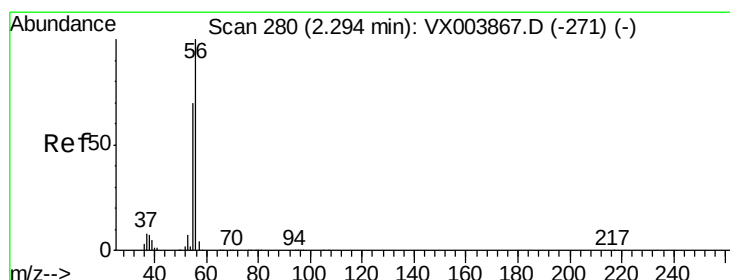
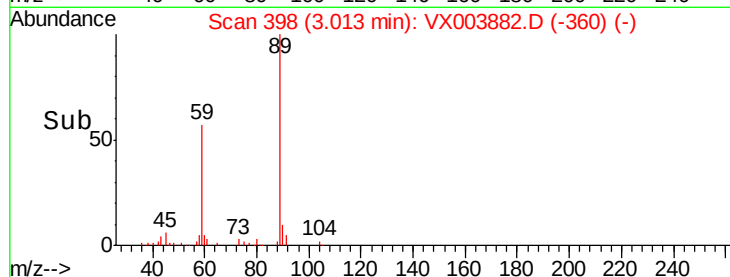
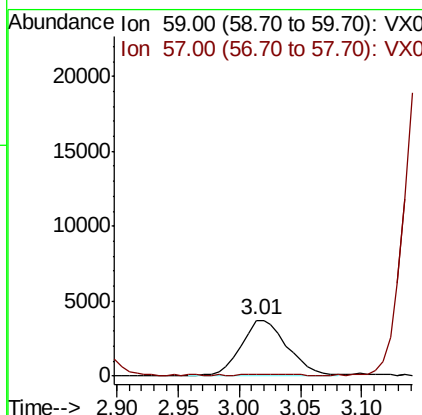
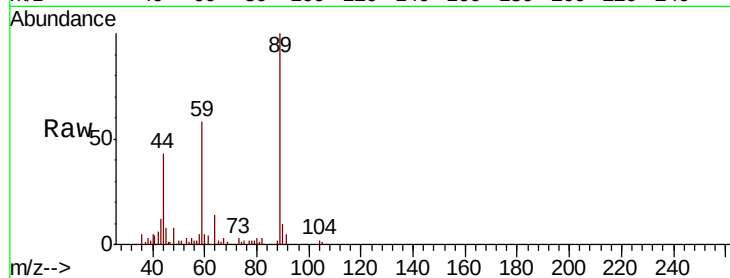


#11

Tert butyl alcohol
 Concen: 10.44 ug/l
 RT: 3.01 min Scan# 398
 Delta R.T. -0.07 min
 Lab File: VX003882.D
 Acq: 07 Aug 2018 15:39

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0530DL

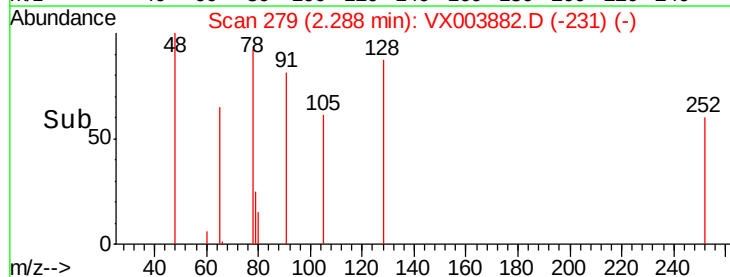
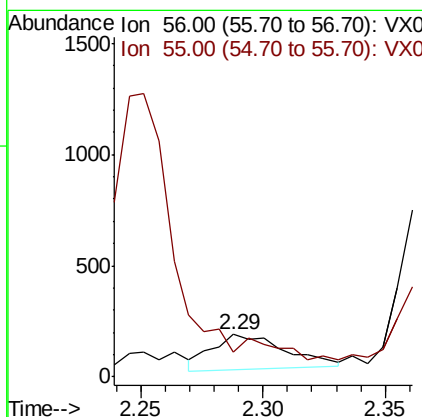
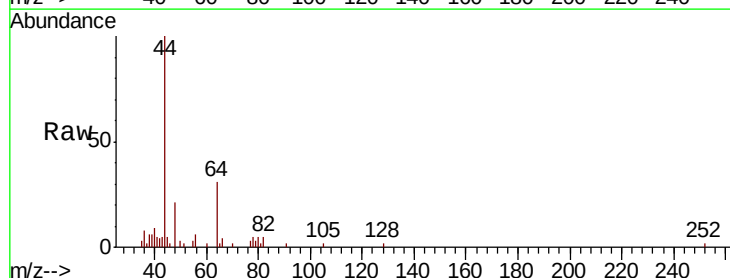
Tot Ion: 59 Resp: 9868
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.1 12.1#

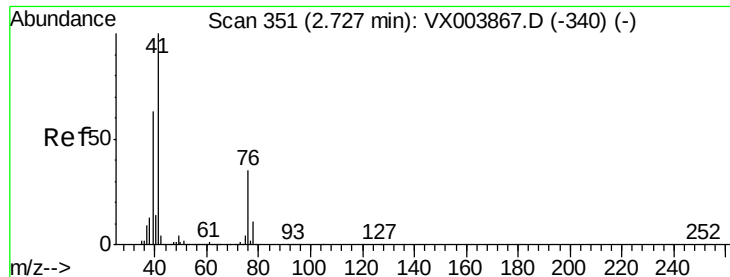


#13

Acrolein
 Concen: Below Cal
 RT: 2.29 min Scan# 279
 Delta R.T. -0.01 min
 Lab File: VX003882.D
 Acq: 07 Aug 2018 15:39

Tgt Ion: 56 Resp: 325
 Ion Ratio Lower Upper
 56 100
 55 0.0 56.1 84.1#





#14

Allvl chloride

Concen: 1.36 ug/l

RT: 2.82 min Scan# 367

Delta R.T. 0.10 min

Lab File: VX003882.D

Acq: 07 Aug 2018 15:39

Instrument :

MSVOA_X

ClientSampleId :

FL-0530DL

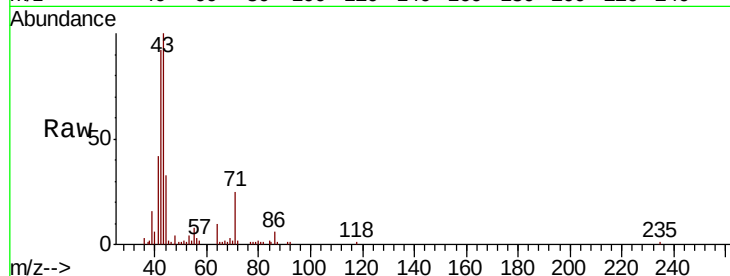
Tot Ion: 41 Resp: 8325

Ion Ratio Lower Upper

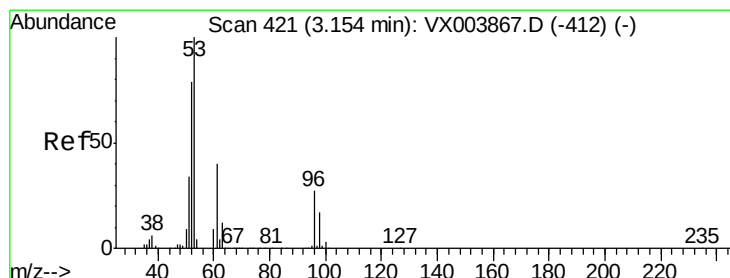
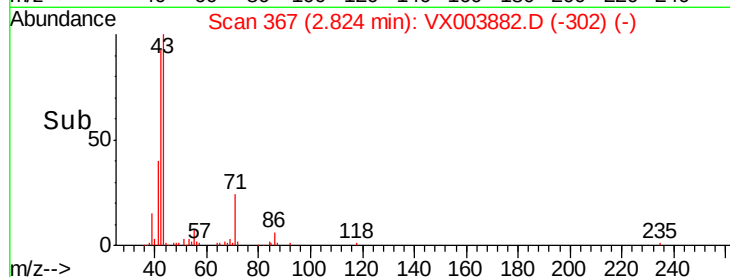
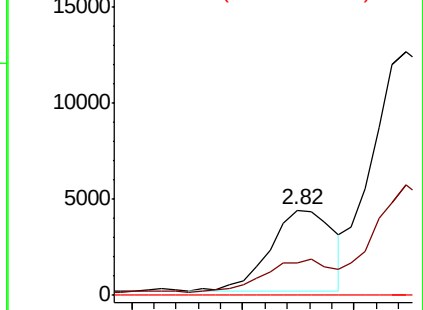
41 100

39 43.8 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: 1.52 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX003882.D

Acq: 07 Aug 2018 15:39

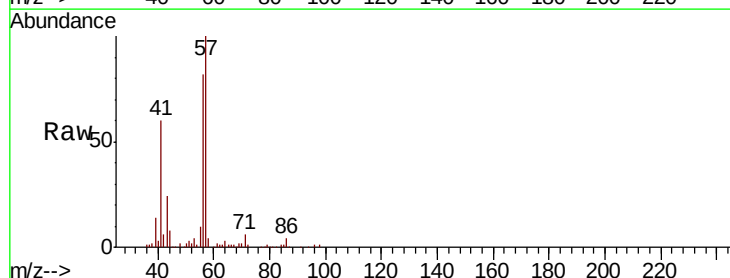
Tgt Ion: 53 Resp: 3419

Ion Ratio Lower Upper

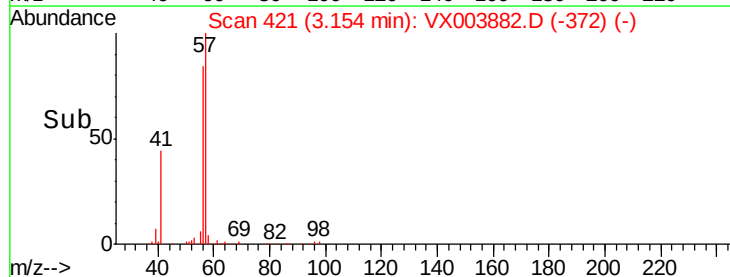
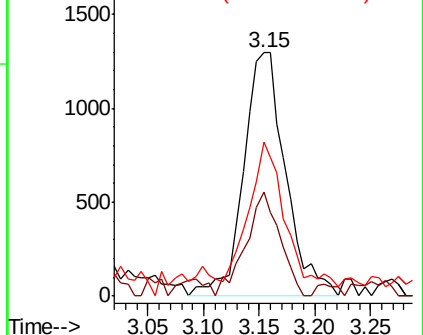
53 100

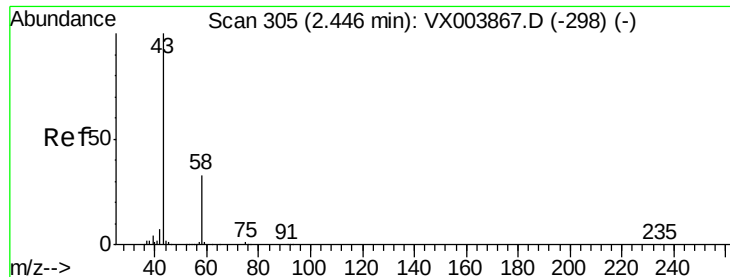
52 34.4 65.3 97.9#

51 44.7 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: 0.74 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX003882.D

Acq: 07 Aug 2018 15:39

Instrument :

MSVOA_X

ClientSampled :

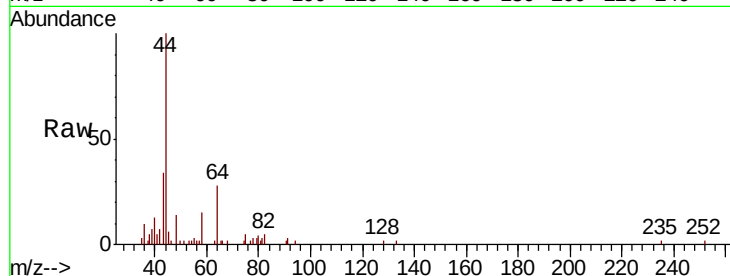
FL-0530DL

Tot Ion: 43 Resp: 1727

Ion Ratio Lower Upper

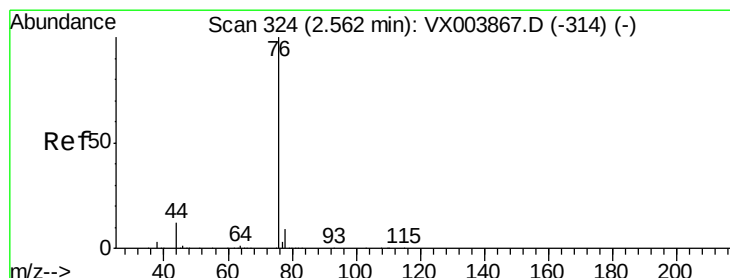
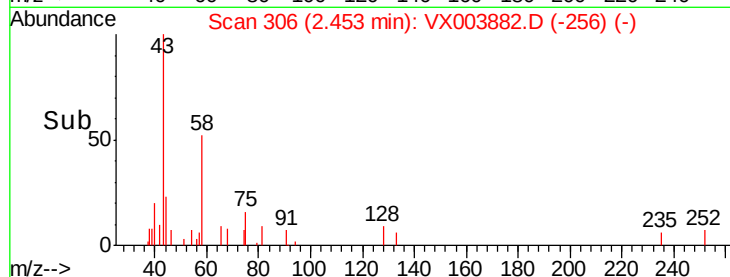
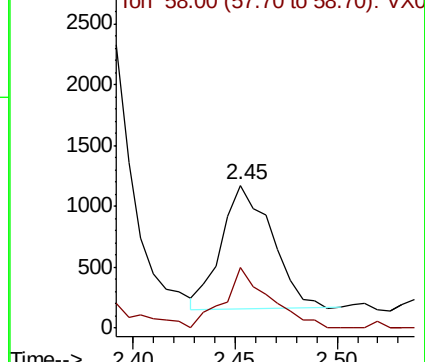
43 100

58 49.5 26.4 39.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: 0.79 ug/l

RT: 2.56 min Scan# 323

Delta R.T. -0.01 min

Lab File: VX003882.D

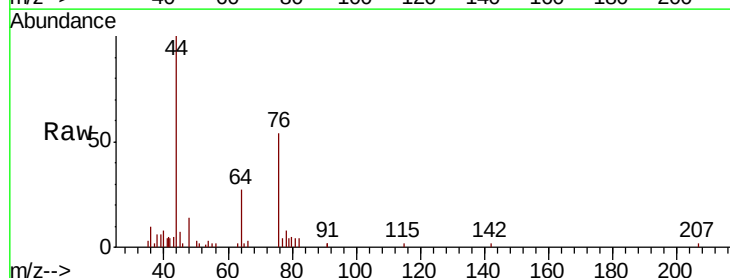
Acq: 07 Aug 2018 15:39

Tgt Ion: 76 Resp: 3224

Ion Ratio Lower Upper

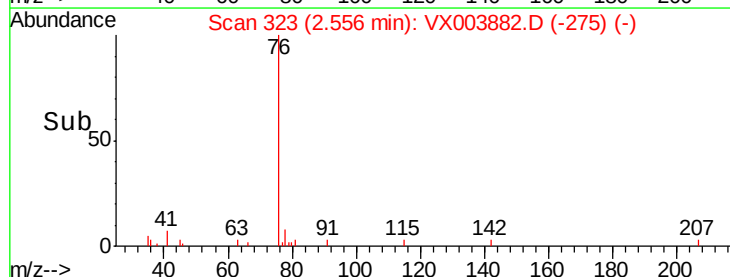
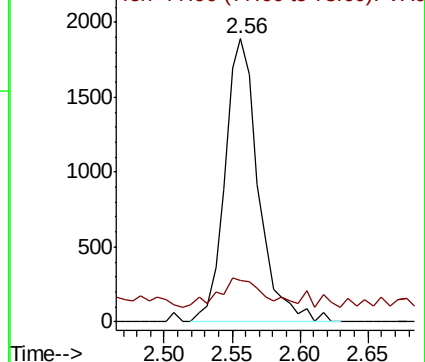
76 100

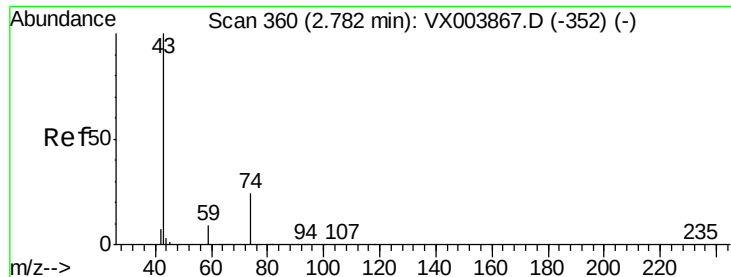
78 9.5 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

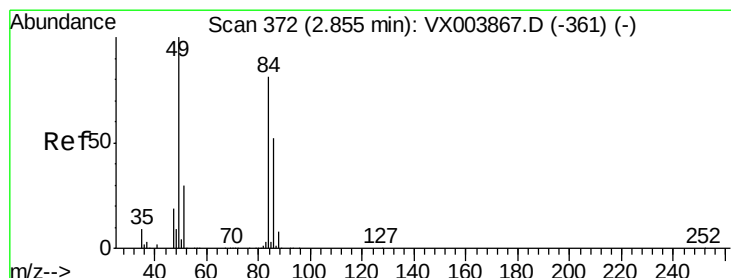
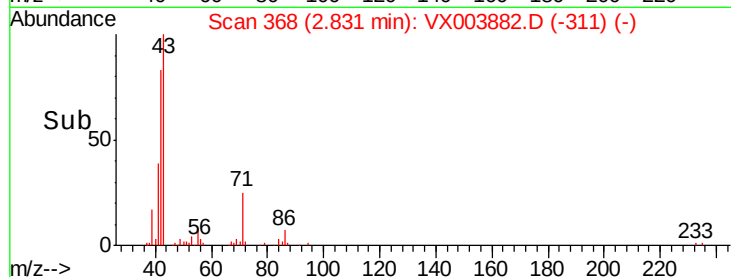
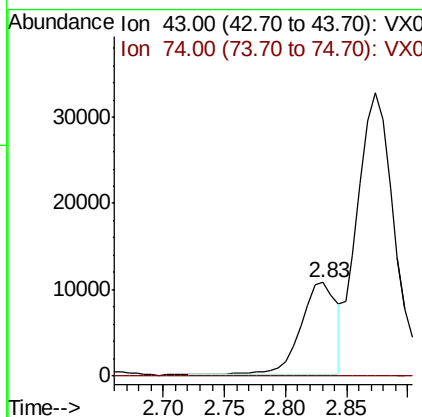
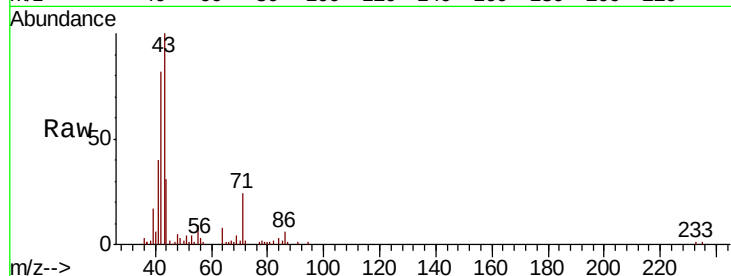




#18
Methyl Acetate
Concen: 4.31 ug/l
RT: 2.83 min Scan# 368
Delta R.T. 0.05 min
Lab File: VX003882.D
Acq: 07 Aug 2018 15:39

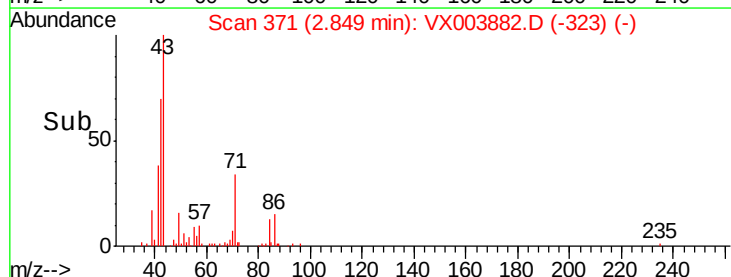
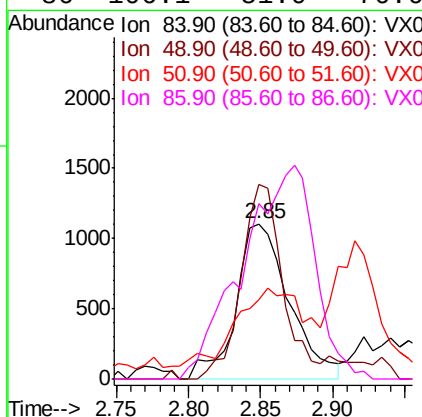
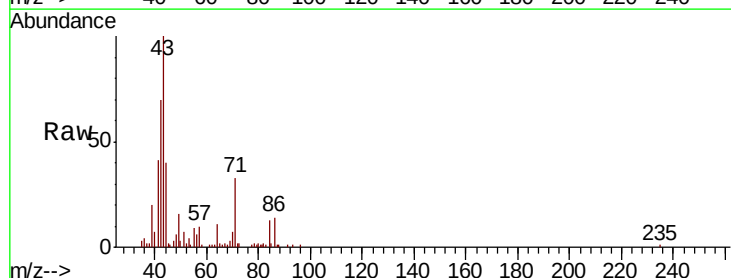
Instrument :
MSVOA_X
ClientSampled :
FL-0530DL

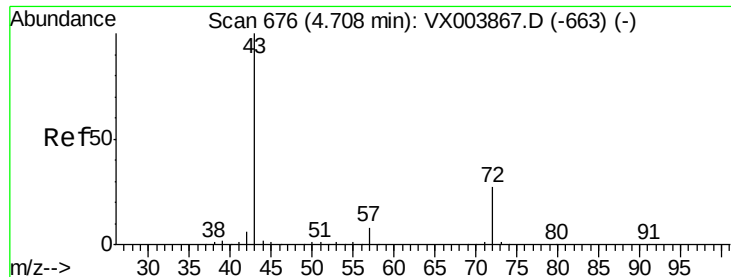
Tot Ion: 43 Resp: 21982
Ion Ratio Lower Upper
43 100
74 0.0 18.9 28.3#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.85 min Scan# 371
Delta R.T. -0.01 min
Lab File: VX003882.D
Acq: 07 Aug 2018 15:39

Tgt Ion: 84 Resp: 2840
Ion Ratio Lower Upper
84 100
49 125.2 98.9 148.3
51 39.0 29.9 44.9
86 106.1 51.0 76.6#





#25

2-Butanone

Concen: 0.26 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX003882.D

Acq: 07 Aug 2018 15:39

Instrument :

MSVOA_X

ClientSampleId :

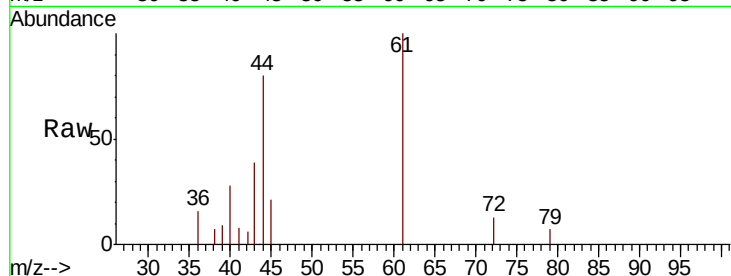
FL-0530DL

Tot Ion: 43 Resp: 903

Ion Ratio Lower Upper

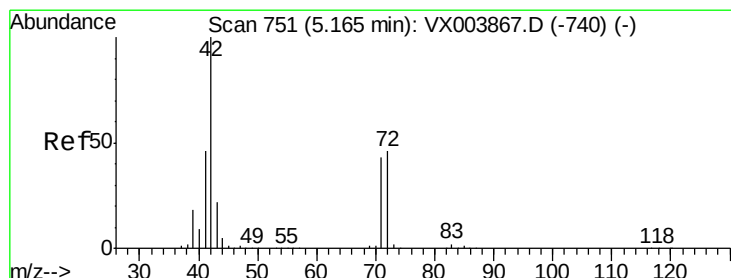
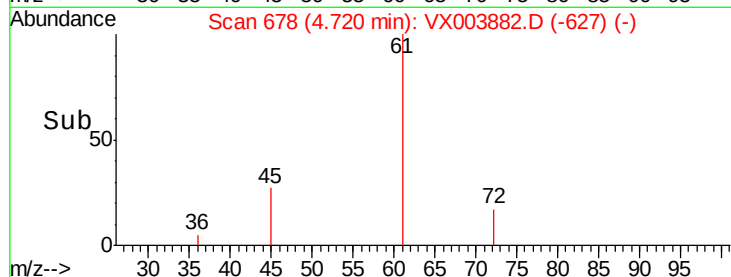
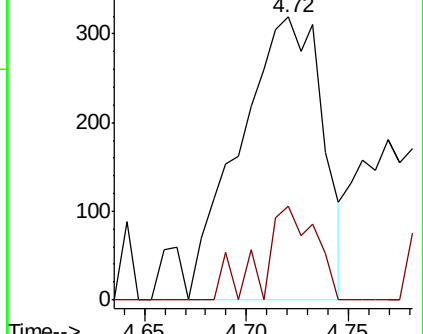
43 100

72 33.2 21.4 32.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#29

Tetrahydrofuran

Concen: 0.76 ug/l

RT: 5.18 min Scan# 753

Delta R.T. 0.01 min

Lab File: VX003882.D

Acq: 07 Aug 2018 15:39

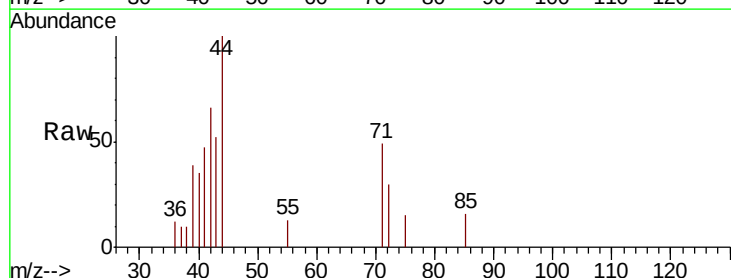
Tgt Ion: 42 Resp: 1382

Ion Ratio Lower Upper

42 100

72 35.7 37.7 56.5#

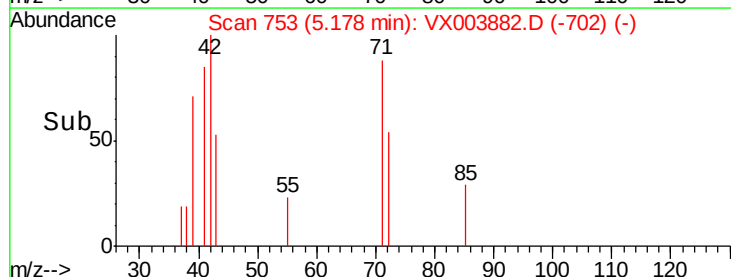
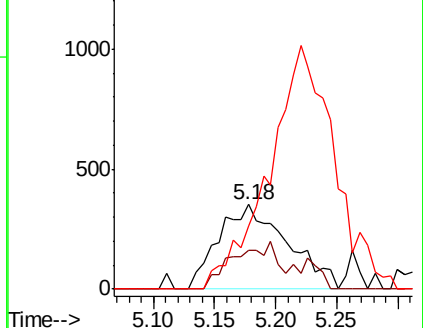
71 0.0 35.0 52.6#

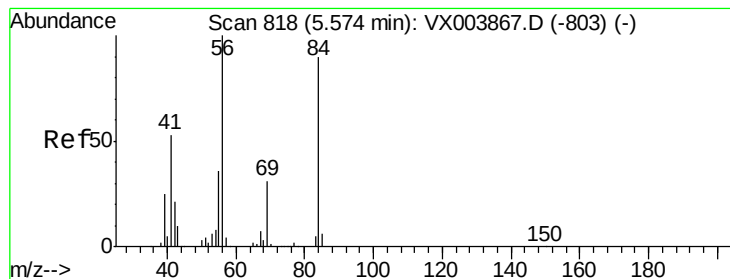


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0





#31

Cyclohexane

Concen: 17.99 ug/l

RT: 5.57 min Scan# 817

Delta R.T. -0.01 min

Lab File: VX003882.D

Acq: 07 Aug 2018 15:39

Instrument :

MSVOA_X

ClientSampleId :

FL-0530DL

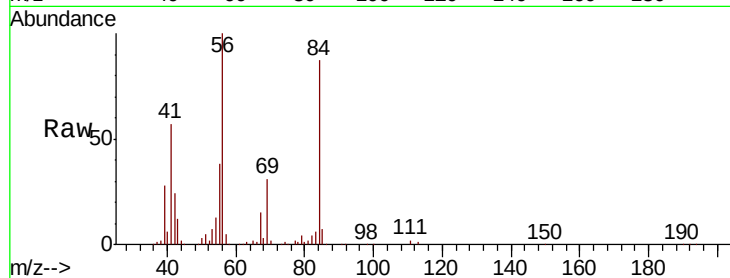
Tot Ion: 56 Resp: 101976

Ion Ratio Lower Upper

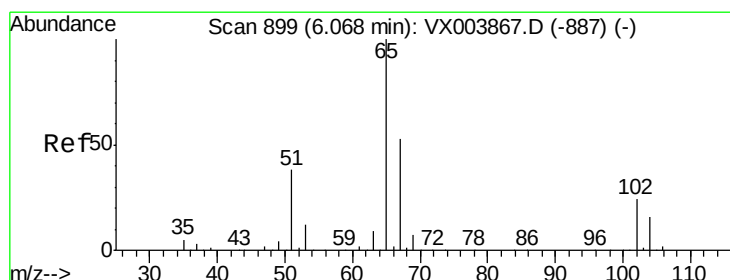
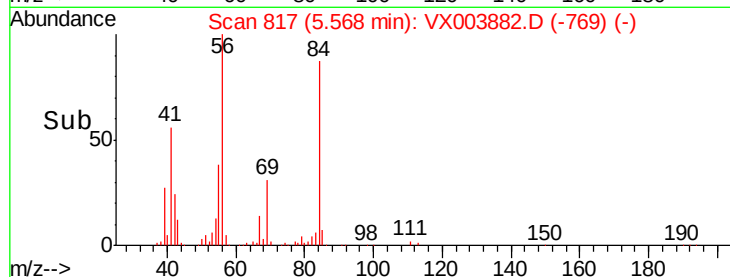
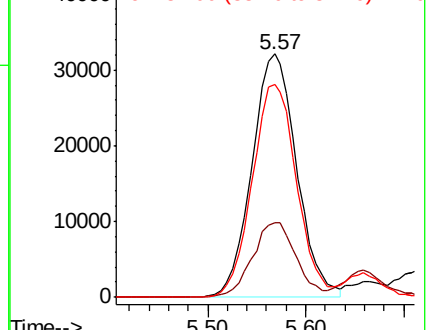
56 100

69 30.4 24.9 37.3

84 87.3 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: 49.69 ug/l

RT: 6.07 min Scan# 899

Delta R.T. 0.00 min

Lab File: VX003882.D

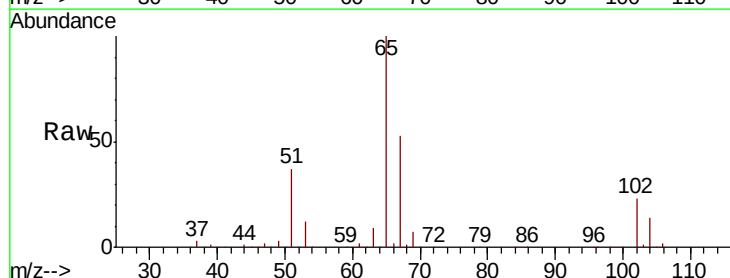
Acq: 07 Aug 2018 15:39

Tgt Ion: 65 Resp: 195438

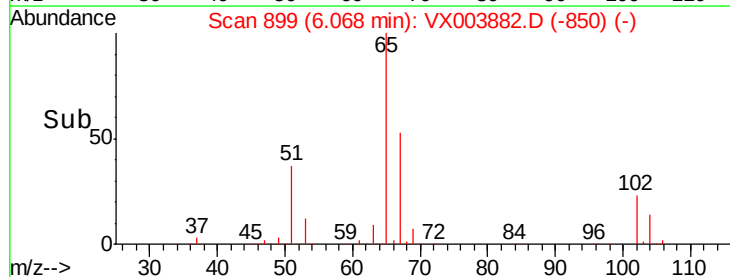
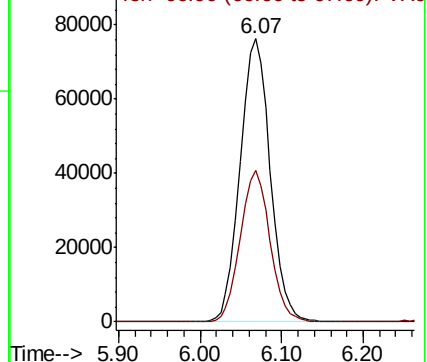
Ion Ratio Lower Upper

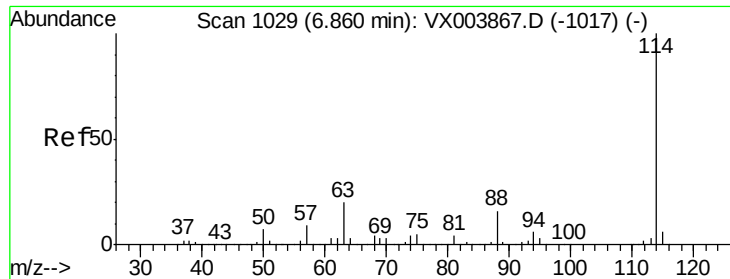
65 100

67 53.0 0.0 105.8



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

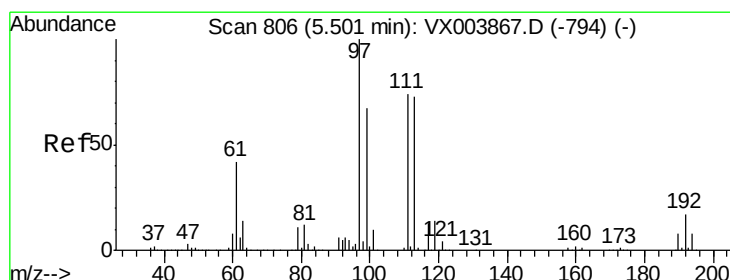
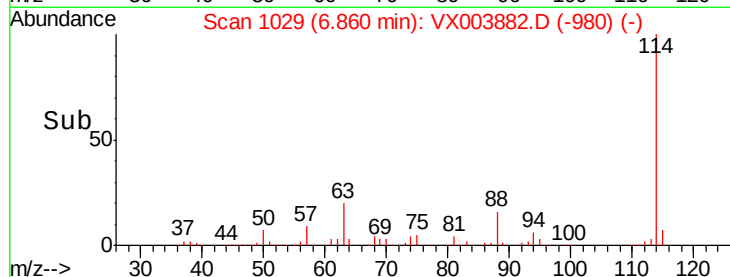
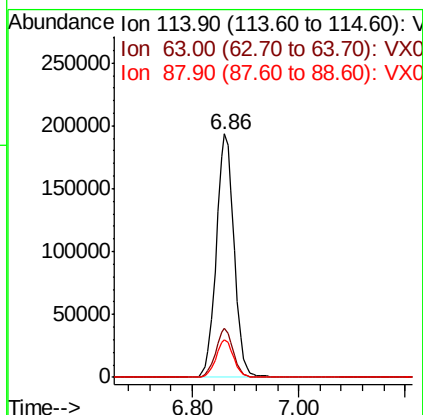
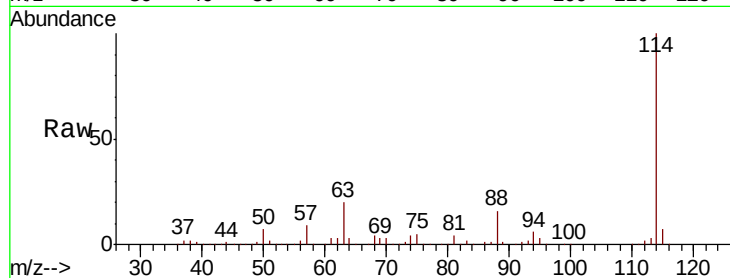




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: VX003882.D
 Acq: 07 Aug 2018 15:39

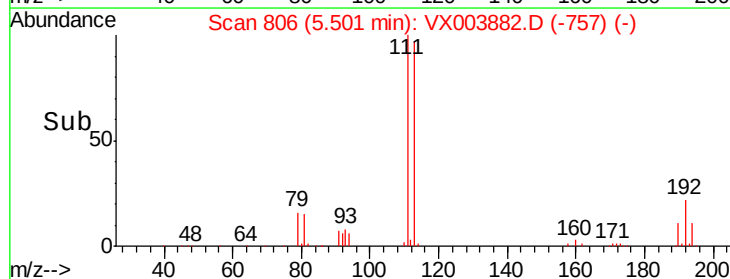
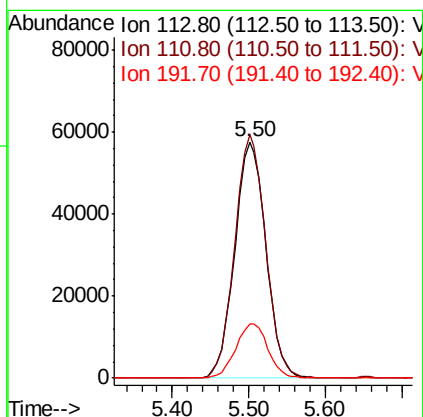
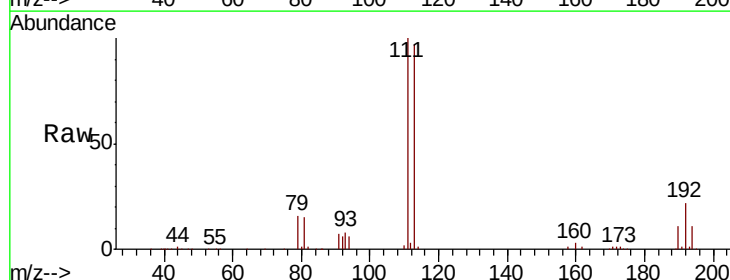
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0530DL

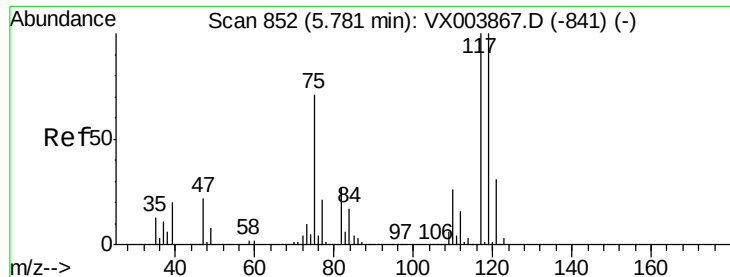
Tot Ion:114 Resp: 449642
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 39.0
 88 15.5 0.0 32.0



#35
 Dibromofluoromethane
 Concen: 47.81 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX003882.D
 Acq: 07 Aug 2018 15:39

Tgt Ion:113 Resp: 162871
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.0 123.0
 192 23.7 19.0 28.4





#38

Carbon Tetrachloride

Concen: 5.62 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.12 min

Lab File: VX003882.D

Acq: 07 Aug 2018 15:39

Instrument :

MSVOA_X

ClientSampled :

FL-0530DL

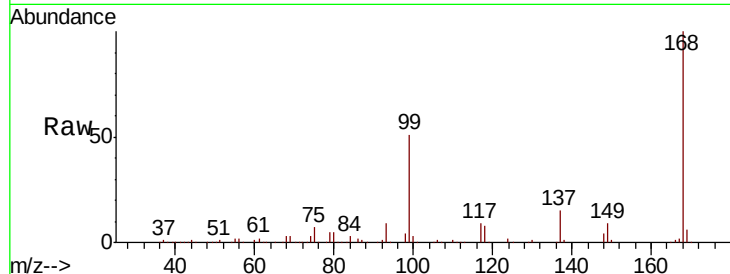
Tot Ion:117 Resp: 26958

Ion Ratio Lower Upper

117 100

119 4.3 79.5 119.3#

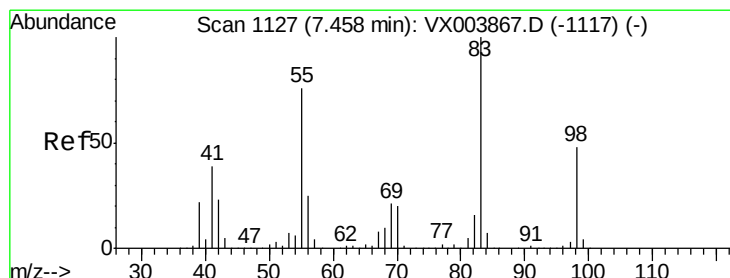
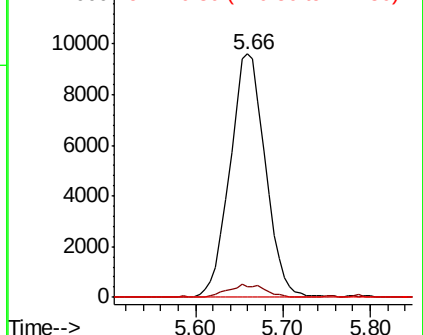
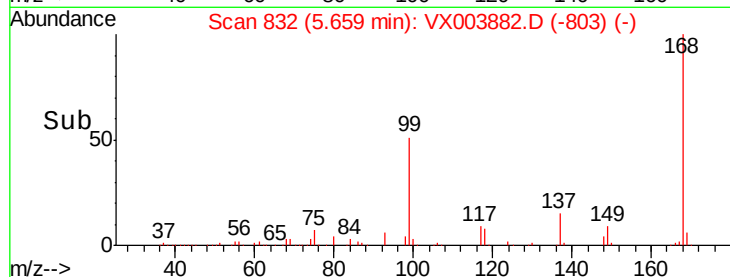
121 0.0 25.0 37.4#



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

Methylcyclohexane

Concen: 10.93 ug/l

RT: 7.46 min Scan# 1127

Delta R.T. 0.00 min

Lab File: VX003882.D

Acq: 07 Aug 2018 15:39

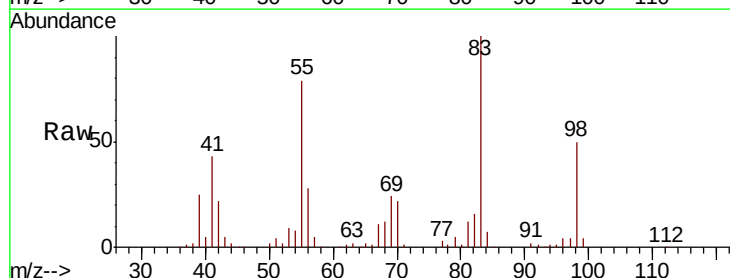
Tgt Ion: 83 Resp: 64893

Ion Ratio Lower Upper

83 100

55 78.9 61.0 91.6

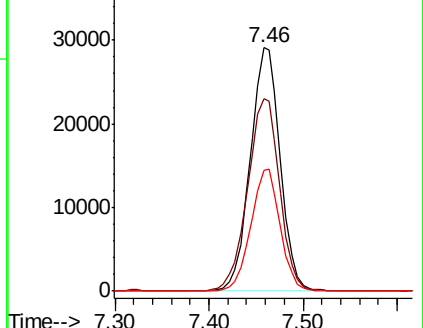
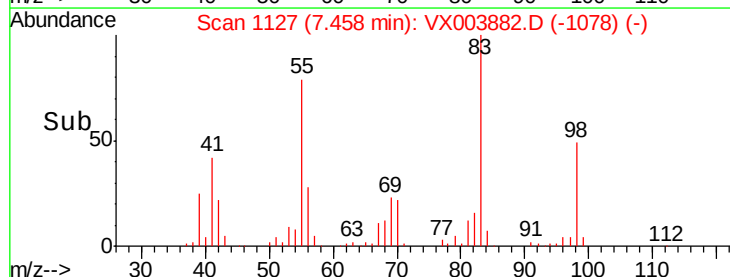
98 49.7 38.6 57.8

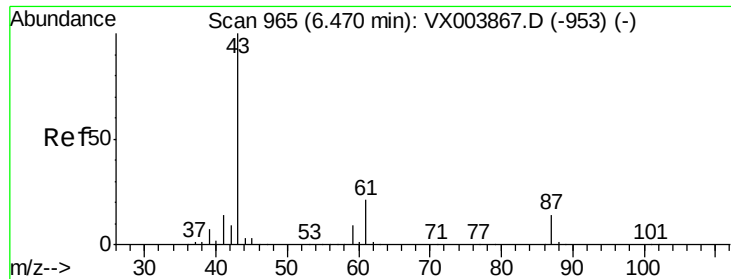


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#43

Isopropyl Acetate

Concen: 0.21 ug/l

RT: 6.45 min Scan# 961

Delta R.T. -0.02 min

Lab File: VX003882.D

Acq: 07 Aug 2018 15:39

Instrument :

MSVOA_X

ClientSampleID :

FL-0530DL

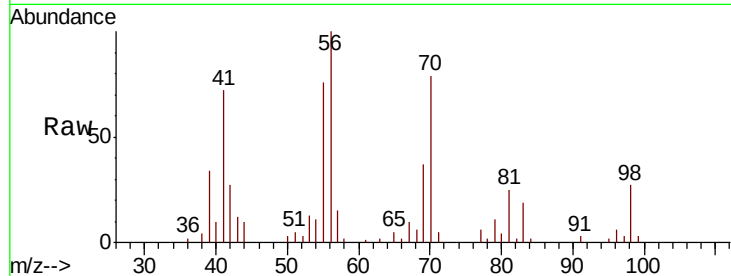
Tot Ion: 43 Resp: 1759

Ion Ratio Lower Upper

43 100

61 1.1 16.9 25.3#

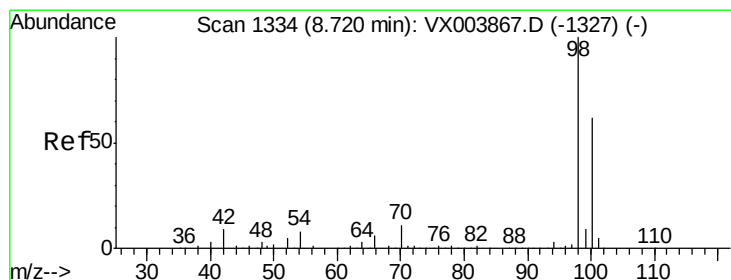
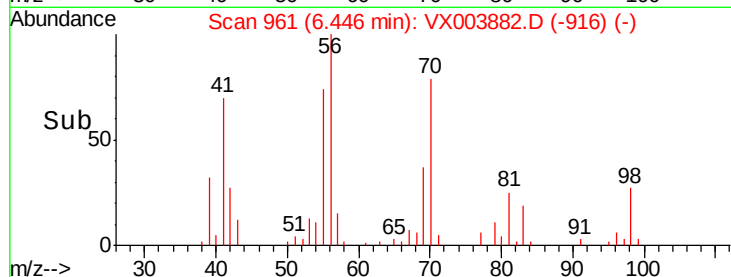
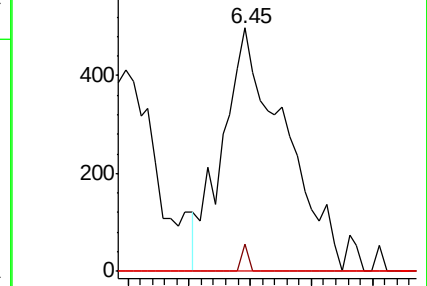
87 0.0 11.3 16.9#



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



#50

Toluene-d8

Concen: 48.23 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003882.D

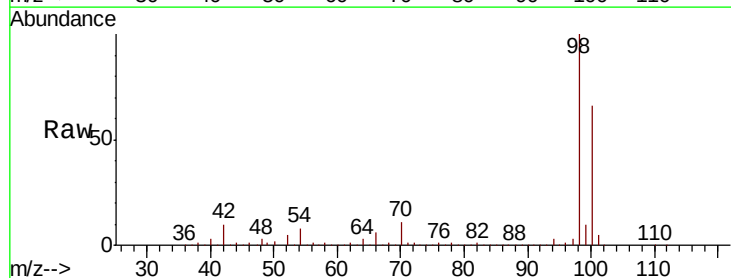
Acq: 07 Aug 2018 15:39

Tgt Ion: 98 Resp: 638904

Ion Ratio Lower Upper

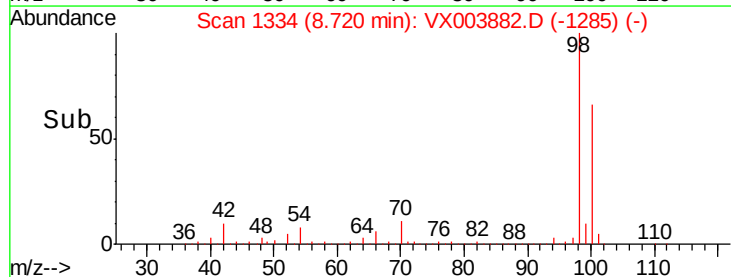
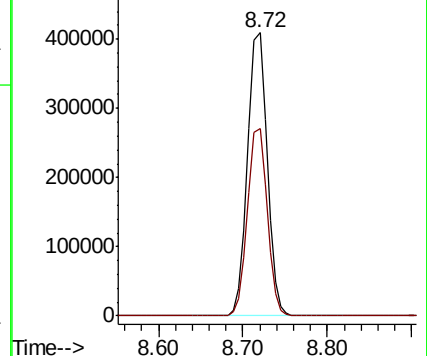
98 100

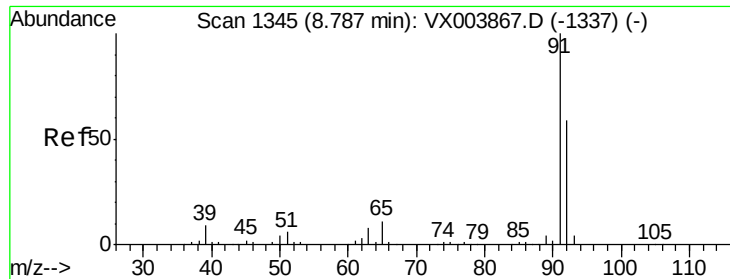
100 66.3 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#52

Toluene

Concen: 0.43 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003882.D

Acq: 07 Aug 2018 15:39

Instrument :

MSVOA_X

ClientSampled :

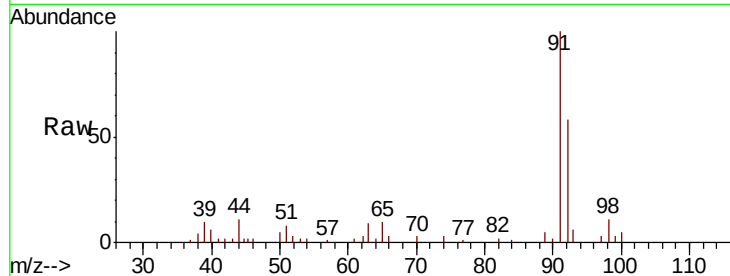
FL-0530DL

Tot Ion: 92 Resp: 4156

Ion Ratio Lower Upper

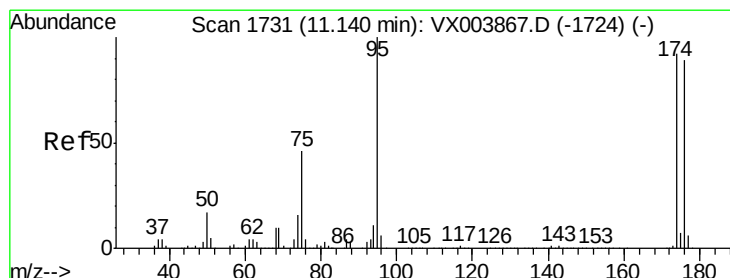
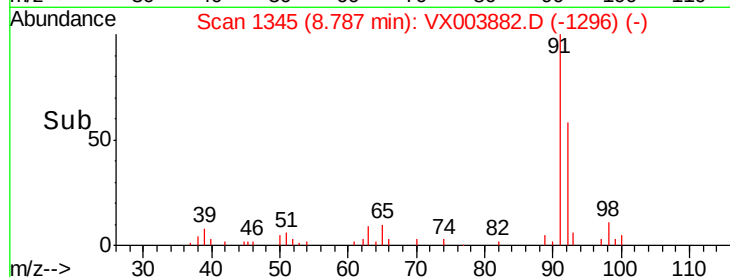
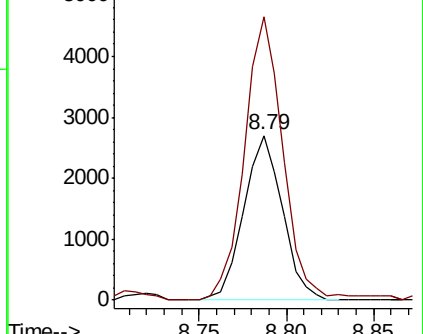
92 100

91 171.4 136.1 204.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 54.39 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003882.D

Acq: 07 Aug 2018 15:39

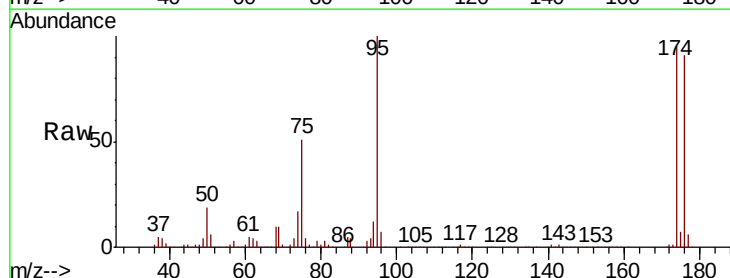
Tgt Ion: 95 Resp: 233138

Ion Ratio Lower Upper

95 100

174 91.5 0.0 182.8

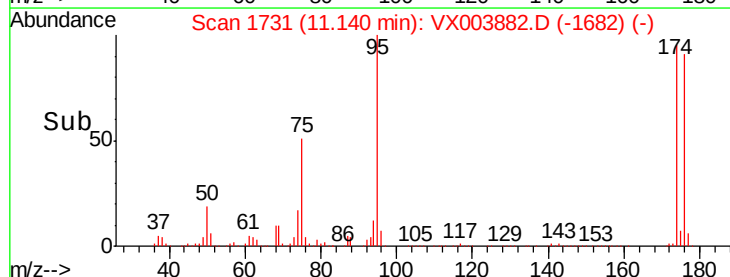
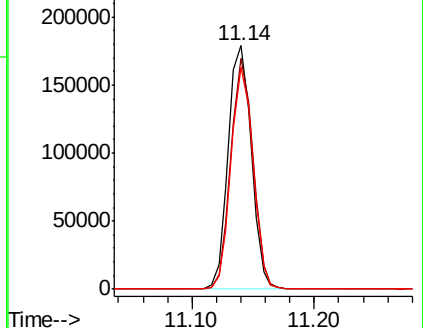
176 87.5 0.0 179.0

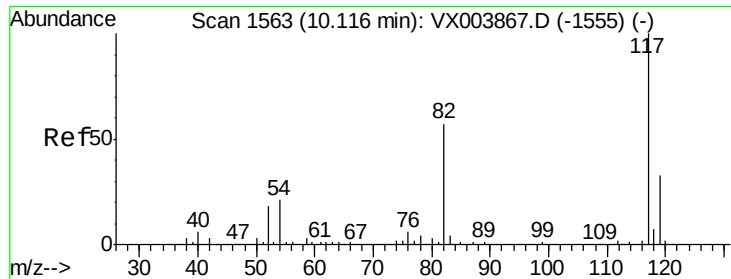


Abundance Ion 94.90 (94.60 to 95.60): VX0

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: VX003882.D

Acq: 07 Aug 2018 15:39

Instrument :

MSVOA_X

ClientSampled :

FL-0530DL

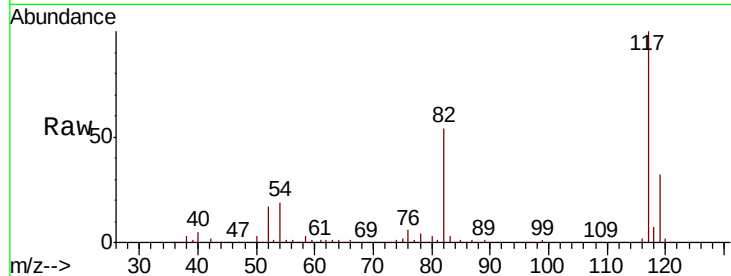
Tot Ion:117 Resp: 428712

Ion Ratio Lower Upper

117 100

82 53.6 45.4 68.0

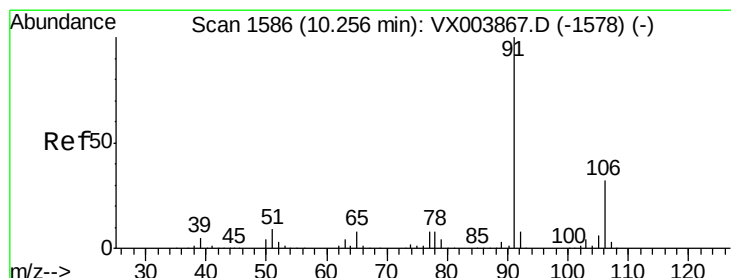
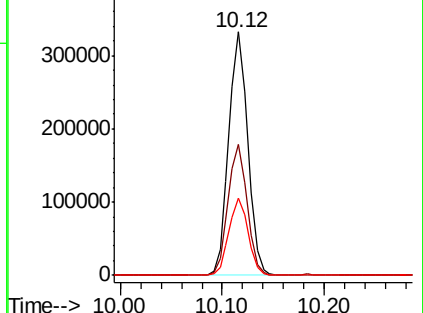
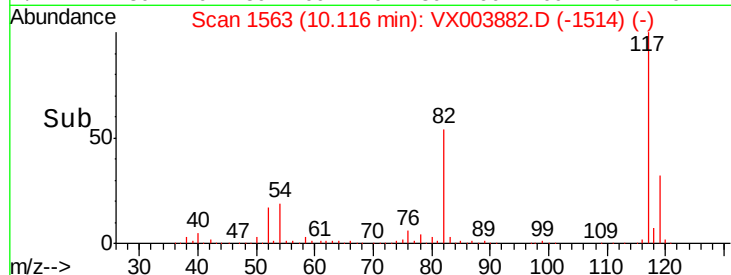
119 31.9 26.6 40.0



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: 39.67 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX003882.D

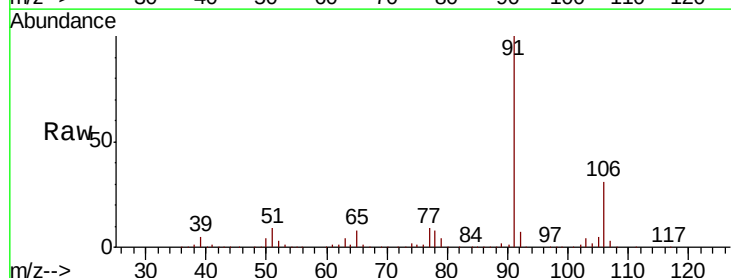
Acq: 07 Aug 2018 15:39

Tgt Ion: 91 Resp: 724462

Ion Ratio Lower Upper

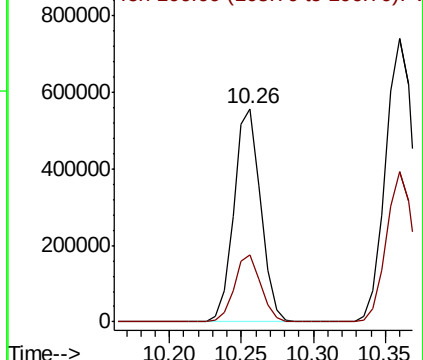
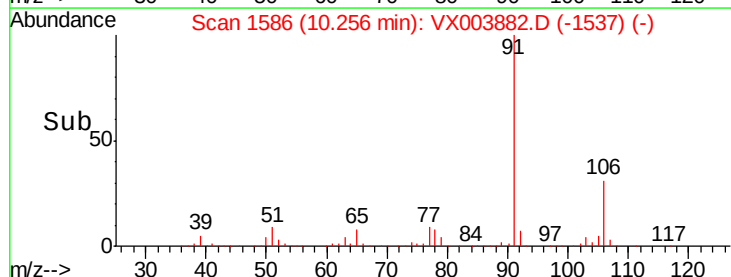
91 100

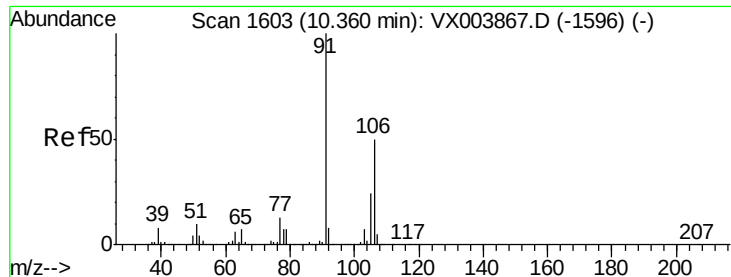
106 31.5 25.9 38.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

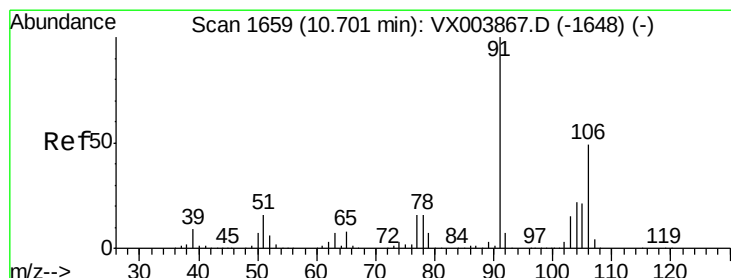
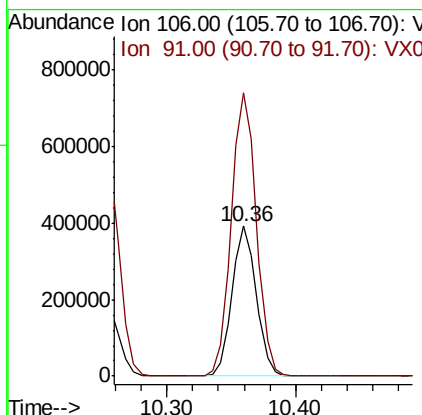
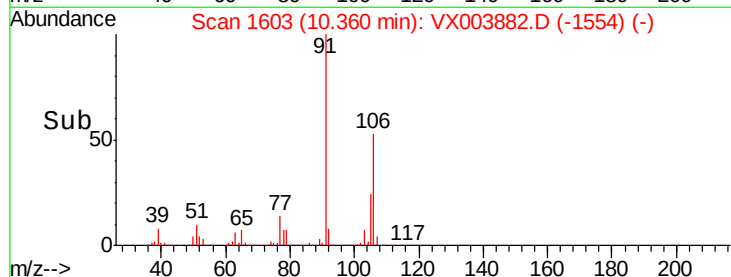
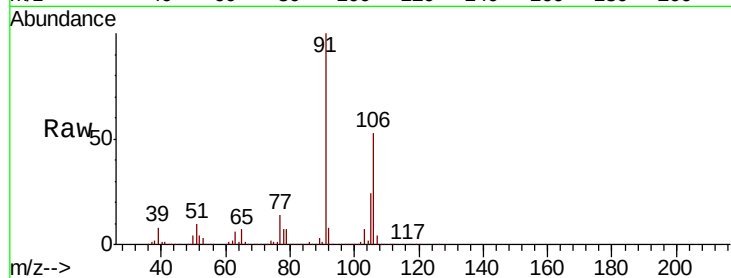




#68
m/p-Xylenes
Concen: 72.27 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003882.D
Acq: 07 Aug 2018 15:39

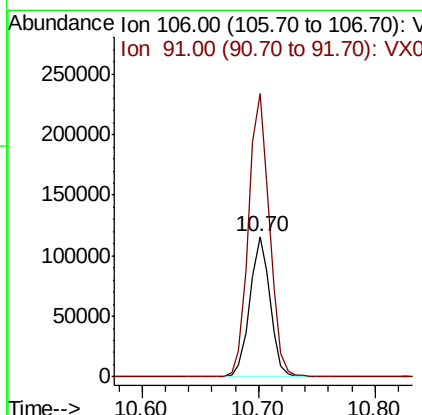
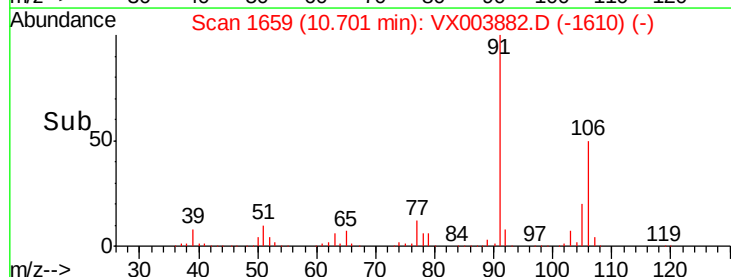
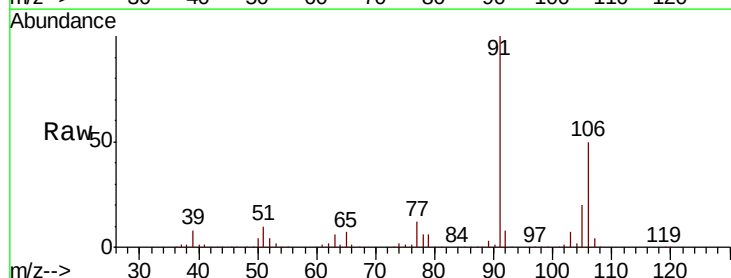
Instrument :
MSVOA_X
ClientSampled :
FL-0530DL

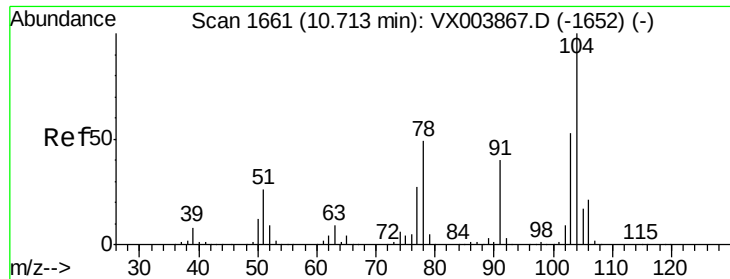
Tot Ion:106 Resp: 515641
Ion Ratio Lower Upper
106 100
91 195.9 162.3 243.5



#69
o-Xylene
Concen: 20.96 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003882.D
Acq: 07 Aug 2018 15:39

Tgt Ion:106 Resp: 141149
Ion Ratio Lower Upper
106 100
91 208.2 101.9 305.7

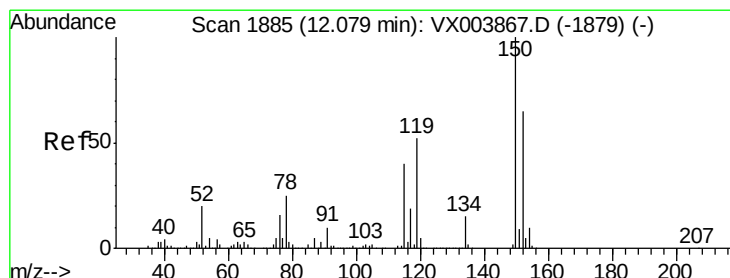
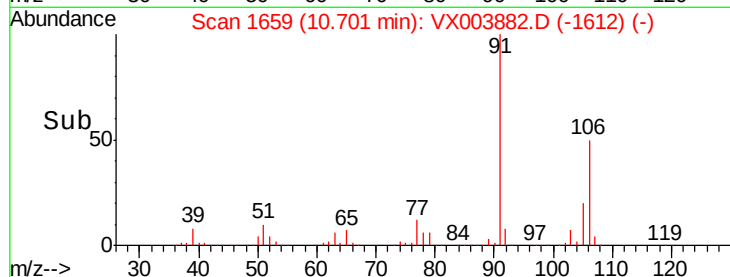
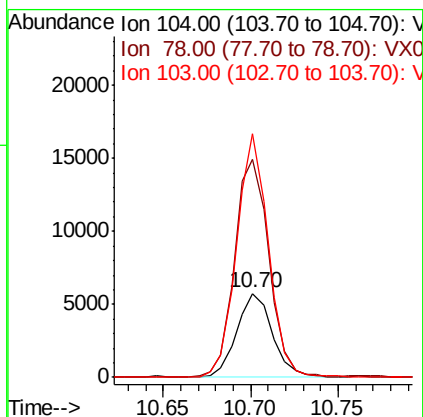
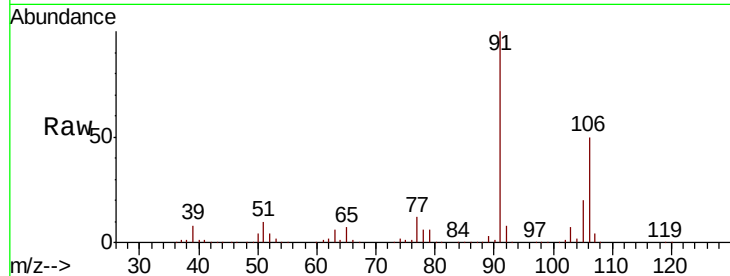




#70
Stvrene
Concen: 0.75 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX003882.D
Acq: 07 Aug 2018 15:39

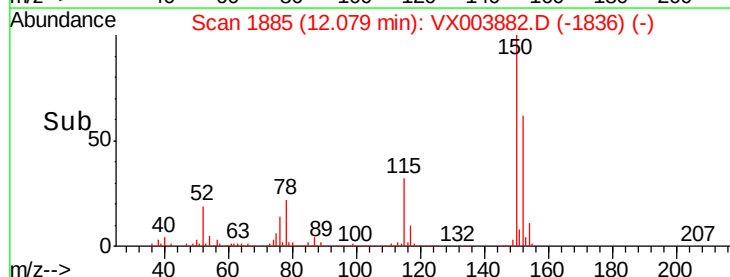
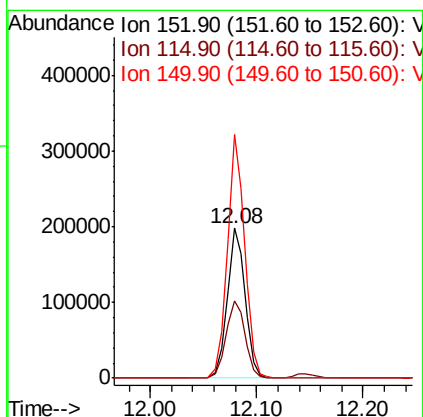
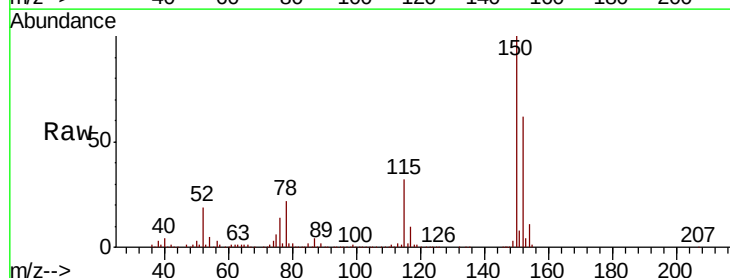
Instrument :
MSVOA_X
ClientSampleId :
FL-0530DL

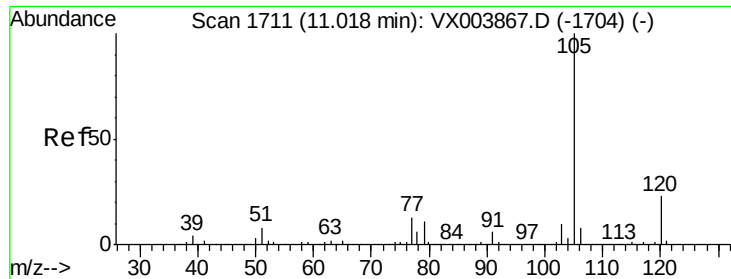
Tot Ion:104 Resp: 8227
Ion Ratio Lower Upper
104 100
78 249.1 39.8 59.6#
103 256.0 44.3 66.5#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003882.D
Acq: 07 Aug 2018 15:39

Tgt Ion:152 Resp: 231529
Ion Ratio Lower Upper
152 100
115 55.2 39.1 117.3
150 157.7 0.0 349.2





#73

Isopropylbenzene

Concen: 2.72 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX003882.D

Acq: 07 Aug 2018 15:39

Instrument :

MSVOA_X

ClientSampleId :

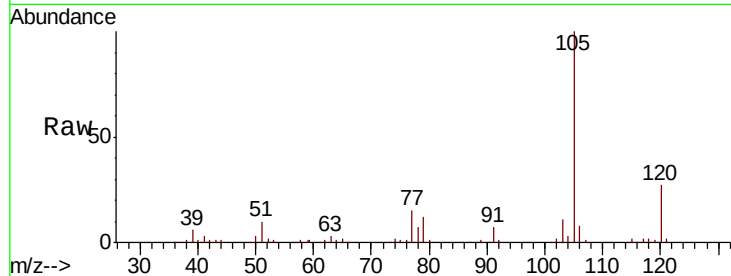
FL-0530DL

Tot Ion:105 Resp: 46652

Ion Ratio Lower Upper

105 100

120 27.4 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

40000

30000

20000

10000

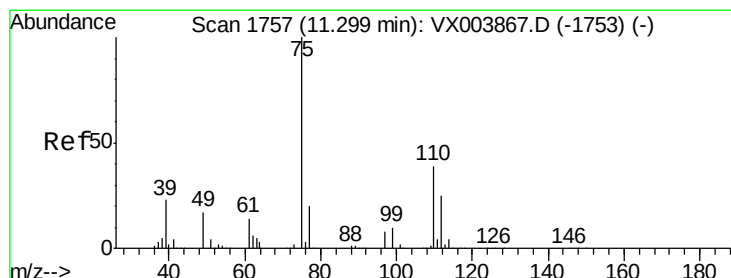
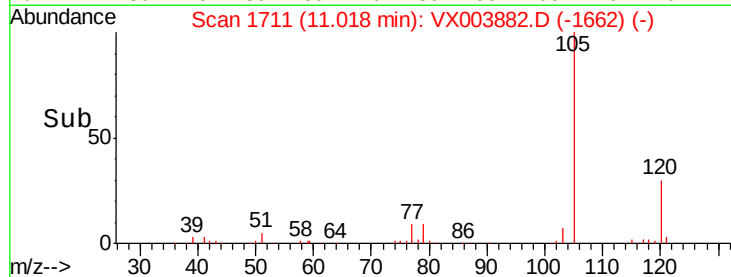
0

11.02

11.00

11.10

Time-->



#76

1,2,3-Trichloropropane

Concen: 21.56 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX003882.D

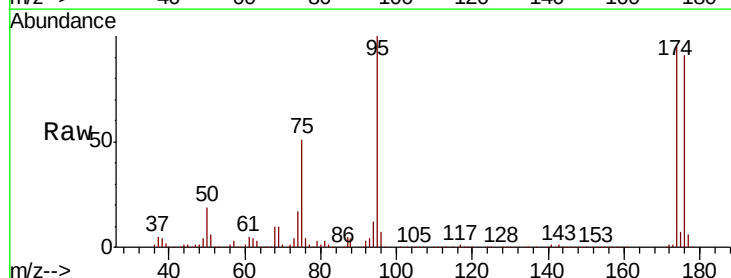
Acq: 07 Aug 2018 15:39

Tgt Ion: 75 Resp: 110239

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

100000

80000

60000

40000

20000

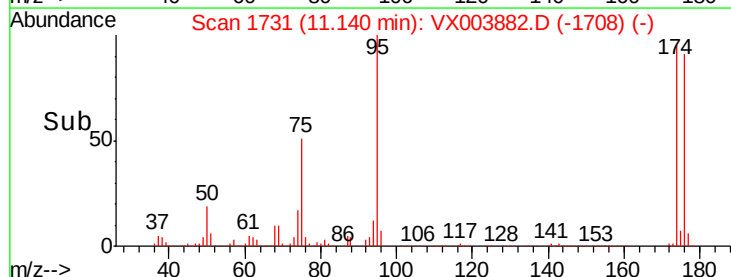
0

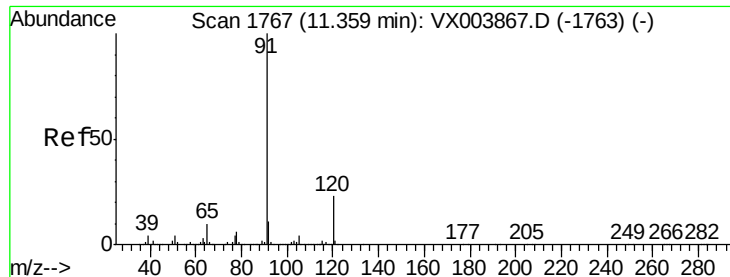
11.14

11.10

11.20

Time-->





#78

n-propylbenzene

Concen: 4.91 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX003882.D

Acq: 07 Aug 2018 15:39

Instrument :

MSVOA_X

ClientSampleId :

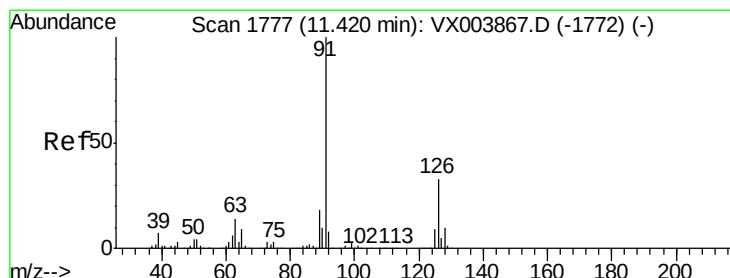
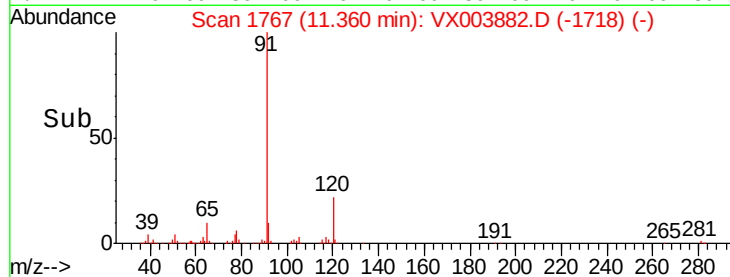
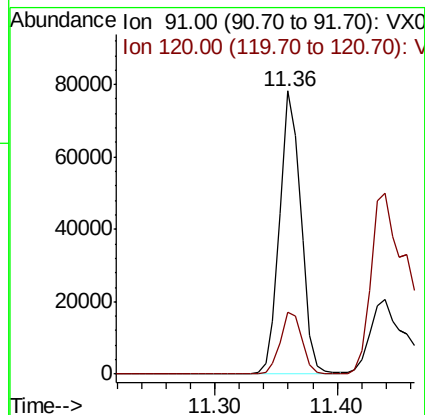
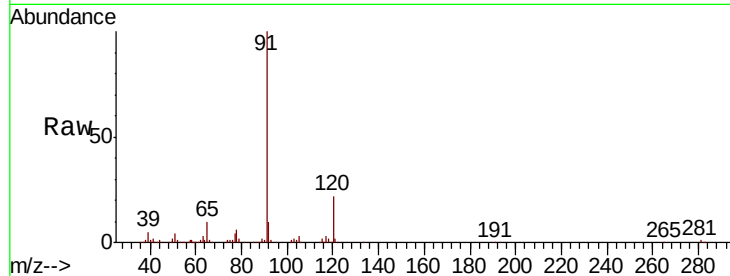
FL-0530DL

Tot Ion: 91 Resp: 94468

Ion Ratio Lower Upper

91 100

120 22.4 11.9 35.5



#79

2-Chlorotoluene

Concen: 3.27 ug/l

RT: 11.44 min Scan# 1780

Delta R.T. 0.02 min

Lab File: VX003882.D

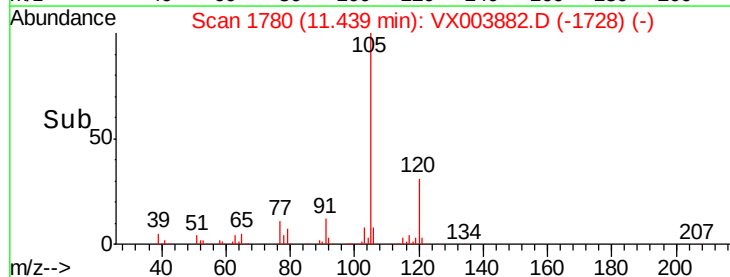
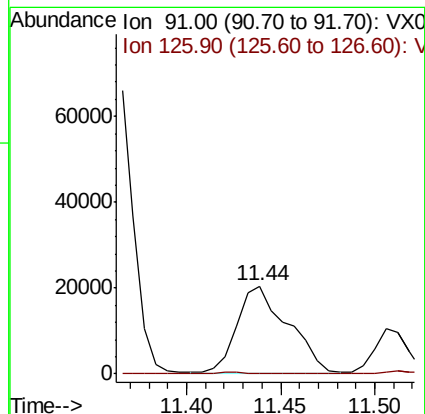
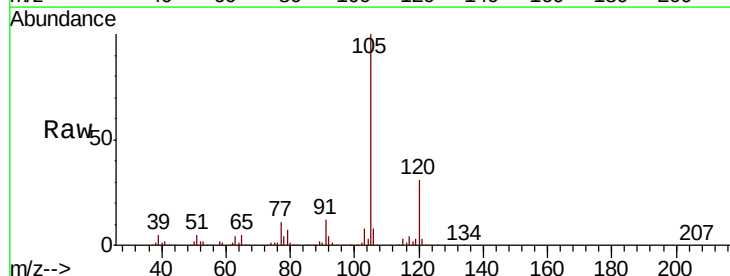
Acq: 07 Aug 2018 15:39

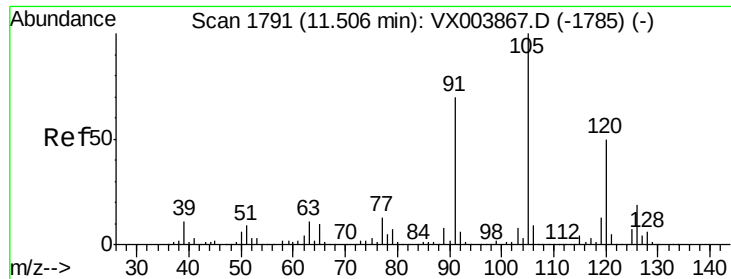
Tgt Ion: 91 Resp: 38290

Ion Ratio Lower Upper

91 100

126 1.2 17.4 52.3#

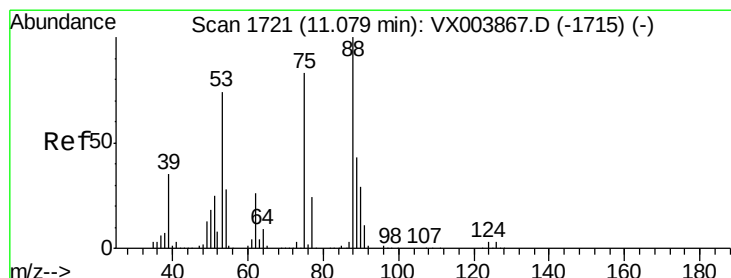
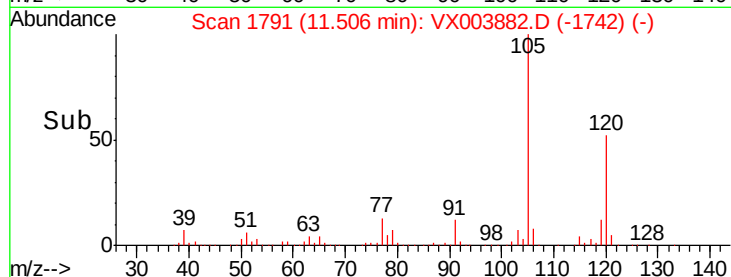
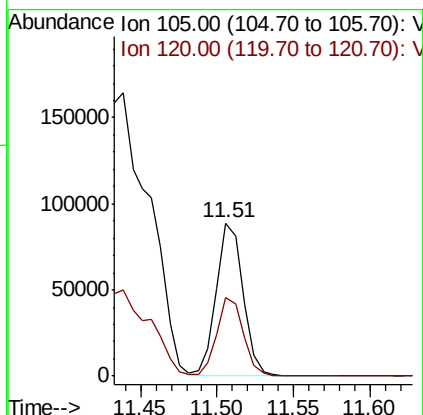
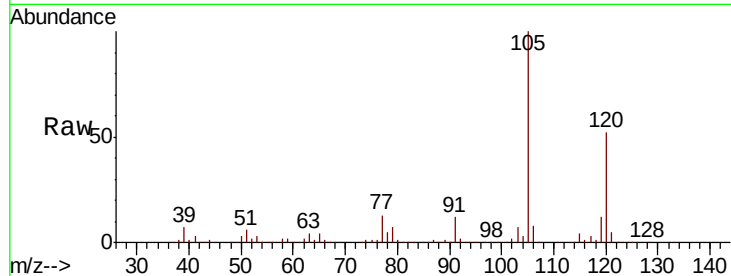




#80
 1,3,5-Trimethylbenzene
 Concen: 7.78 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX003882.D
 Acq: 07 Aug 2018 15:39

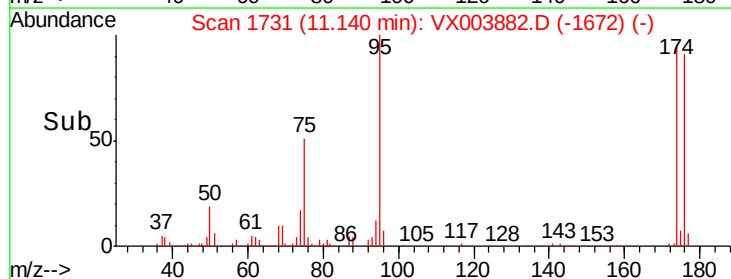
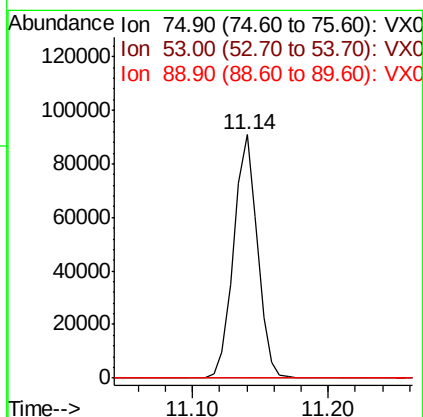
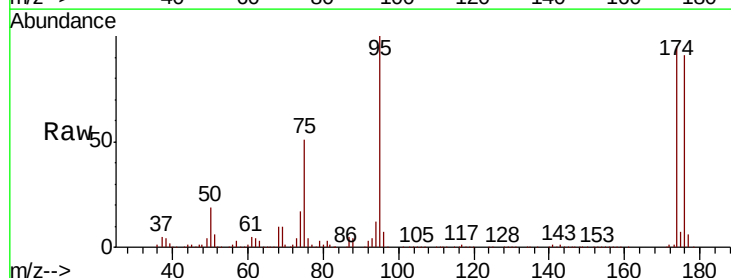
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0530DL

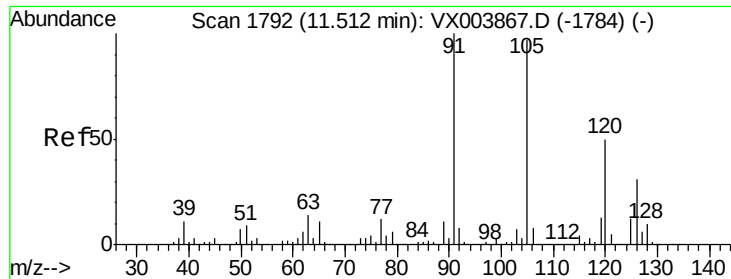
Tot Ion:105 Resp: 108691
 Ion Ratio Lower Upper
 105 100
 120 51.0 25.4 76.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 58.26 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX003882.D
 Acq: 07 Aug 2018 15:39

Tgt Ion: 75 Resp: 110239
 Ion Ratio Lower Upper
 75 100
 53 0.2 80.3 120.5#
 89 0.0 37.8 56.8#





#82

4-Chlorotoluene

Concen: 0.92 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX003882.D

Acq: 07 Aug 2018 15:39

Instrument :

MSVOA_X

ClientSampleId :

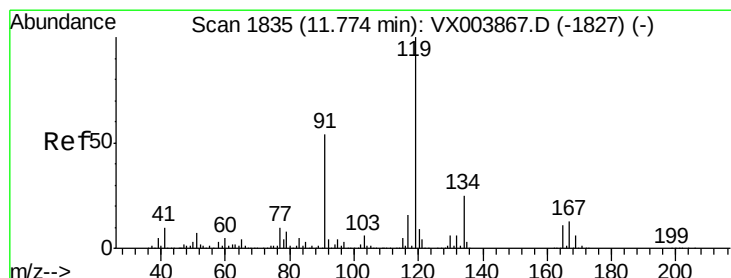
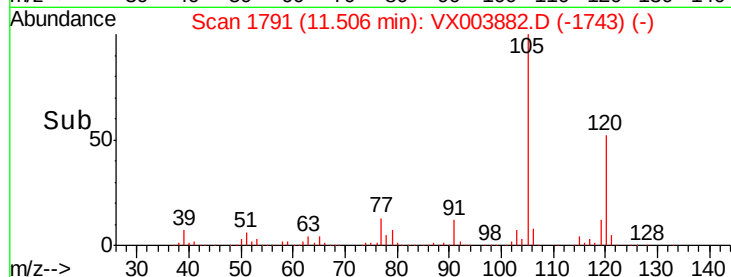
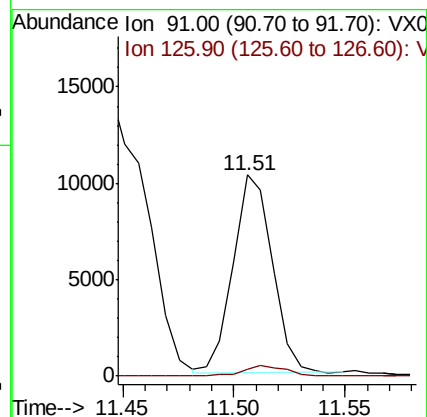
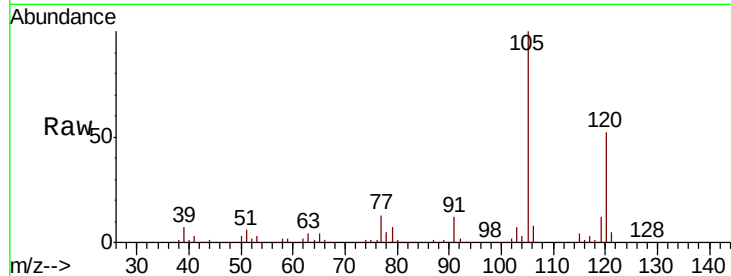
FL-0530DL

Tot Ion: 91 Resp: 12607

Ion Ratio Lower Upper

91 100

126 5.7 15.6 46.7#



#83

tert-Butylbenzene

Concen: 4.24 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. 0.04 min

Lab File: VX003882.D

Acq: 07 Aug 2018 15:39

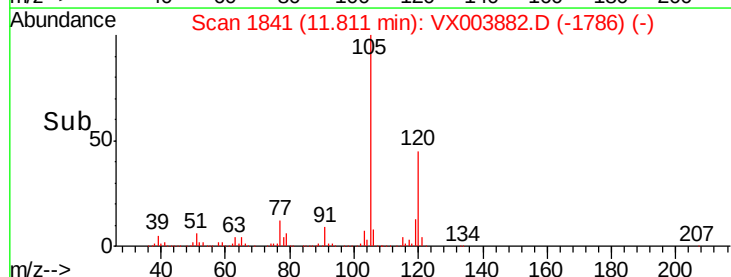
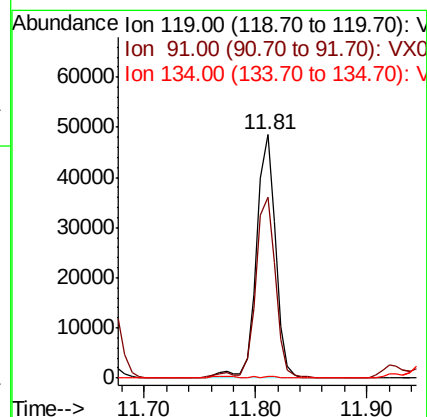
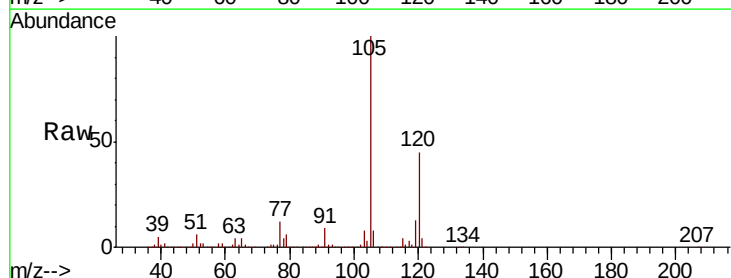
Tgt Ion: 119 Resp: 58306

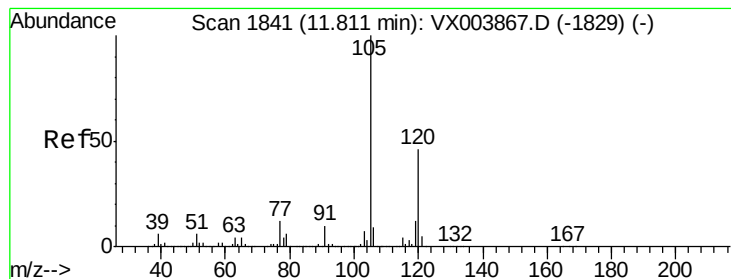
Ion Ratio Lower Upper

119 100

91 76.9 26.9 80.7

134 0.8 12.0 36.0#





#84

1,2,4-Trimethylbenzene

Concen: 31.29 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VX003882.D

Acq: 07 Aug 2018 15:39

Instrument :

MSVOA_X

ClientSampled :

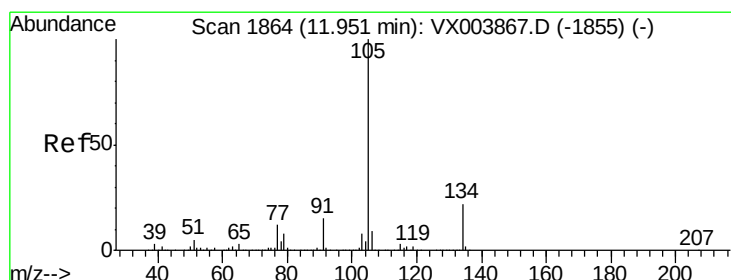
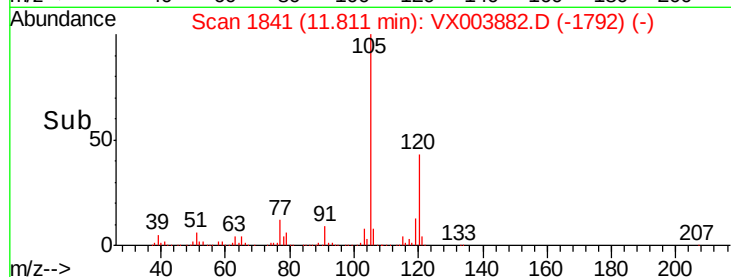
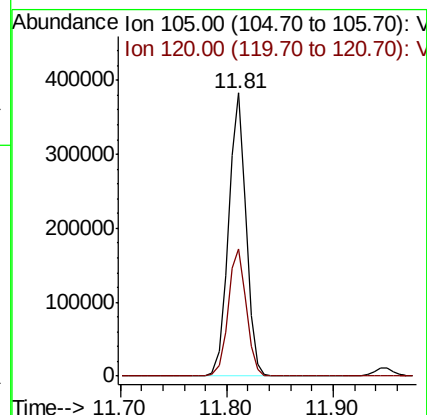
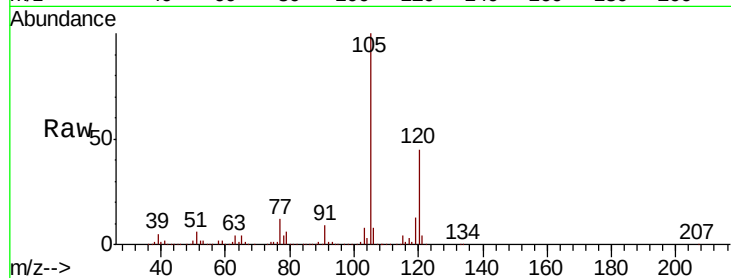
FL-0530DL

Tot Ion:105 Resp: 439465

Ion Ratio Lower Upper

105 100

120 46.4 23.1 69.2



#85

sec-Butylbenzene

Concen: 0.83 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003882.D

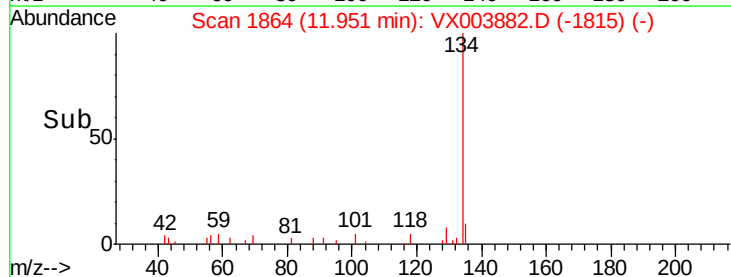
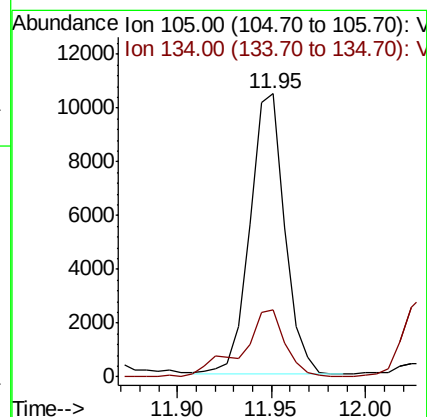
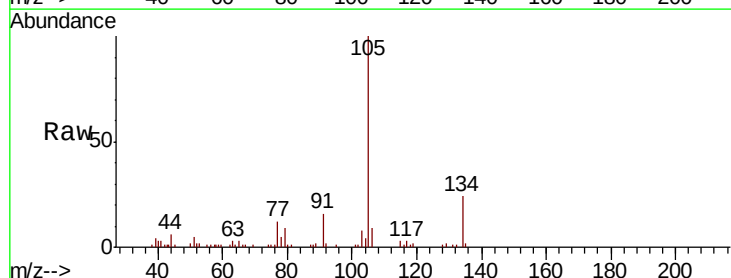
Acq: 07 Aug 2018 15:39

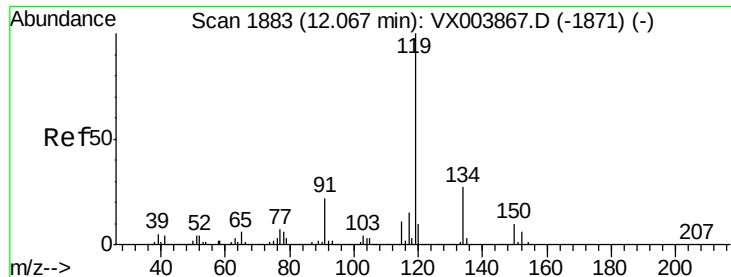
Tgt Ion:105 Resp: 13381

Ion Ratio Lower Upper

105 100

134 29.9 10.3 30.9

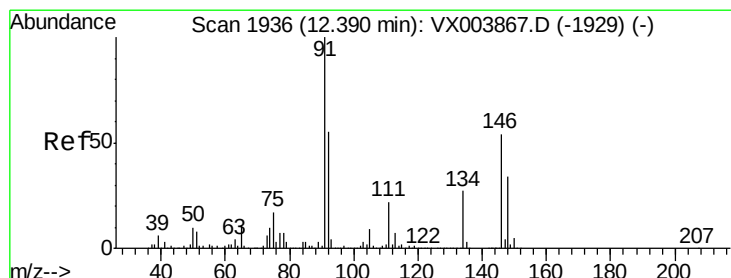
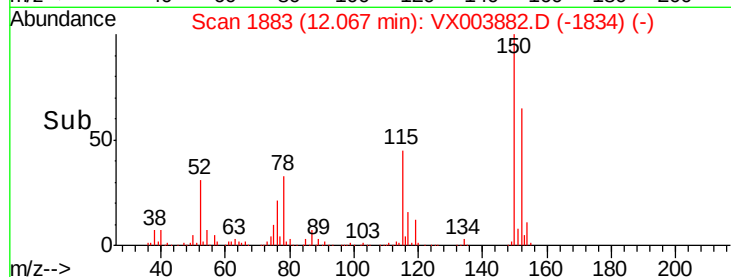
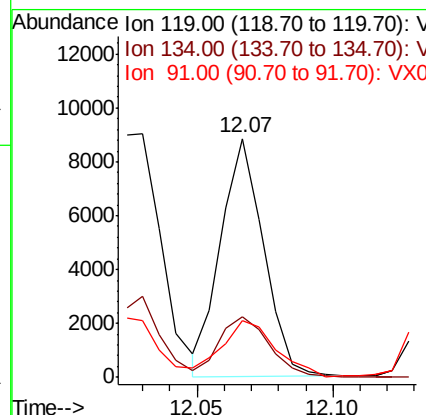
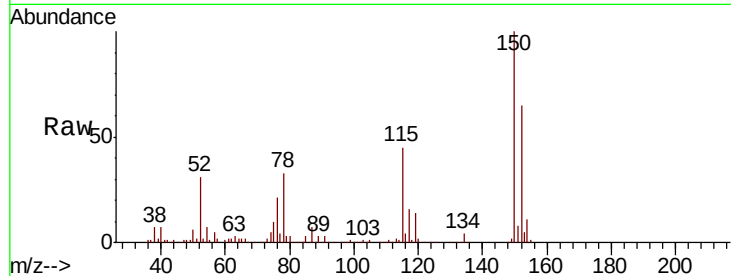




#86
p-Isopropyltoluene
Concen: 0.67 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. 0.00 min
Lab File: VX003882.D
Acq: 07 Aug 2018 15:39

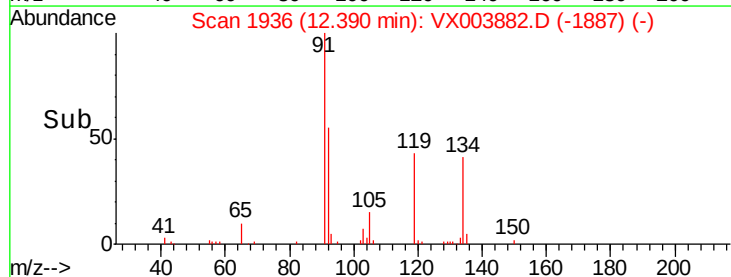
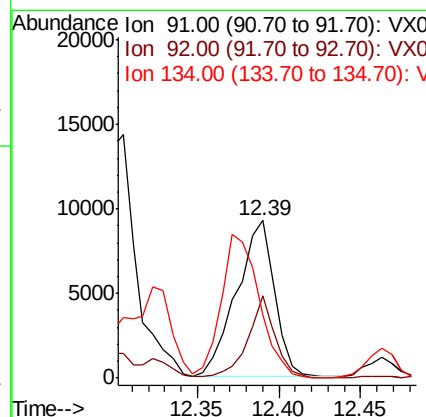
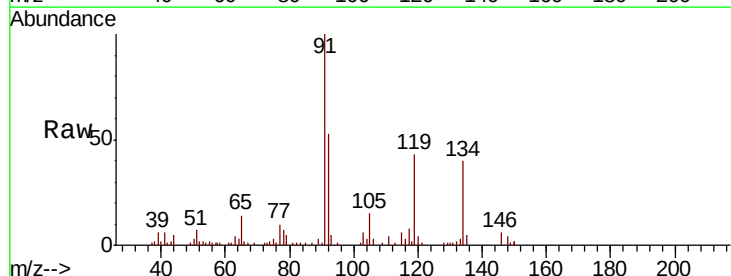
Instrument :
MSVOA_X
ClientSampled :
FL-0530DL

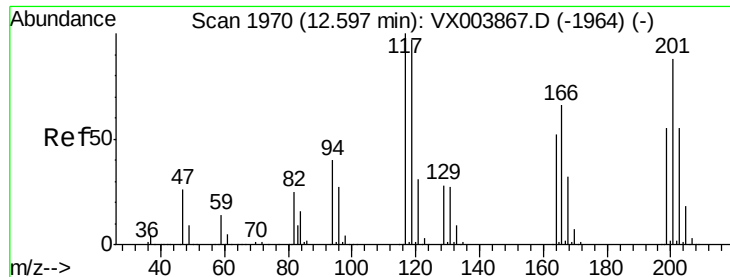
Tot Ion	Ratio	Lower	Upper
119	100		
134	29.4	13.3	39.8
91	28.1	10.9	32.7



#89
n-Butylbenzene
Concen: 1.19 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX003882.D
Acq: 07 Aug 2018 15:39

Tgt Ion	Ratio	Lower	Upper
91	100		
92	38.4	27.1	81.3
134	92.2	13.6	40.7#





#90

Hexachloroethane

Concen: 1.18 ug/l

RT: 12.58 min Scan# 1968

Delta R.T. -0.01 min

Lab File: VX003882.D

Acq: 07 Aug 2018 15:39

Instrument :

MSVOA_X

ClientSampleId :

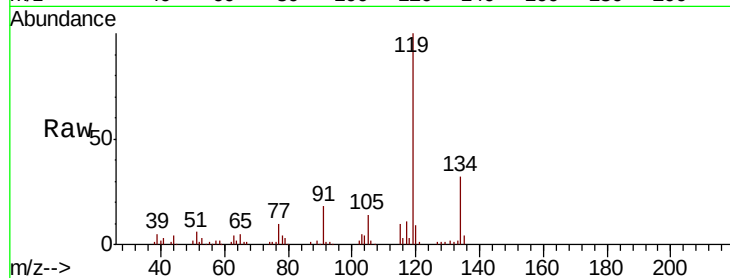
FL-0530DL

Tot Ion:117 Resp: 2787

Ion Ratio Lower Upper

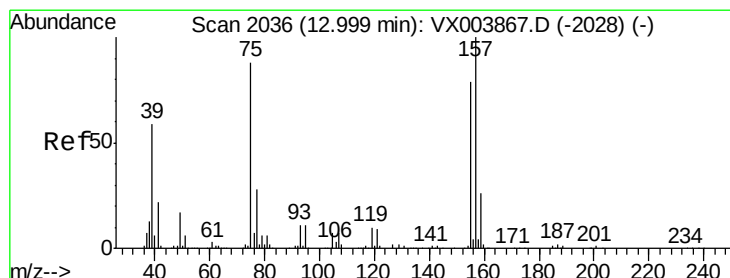
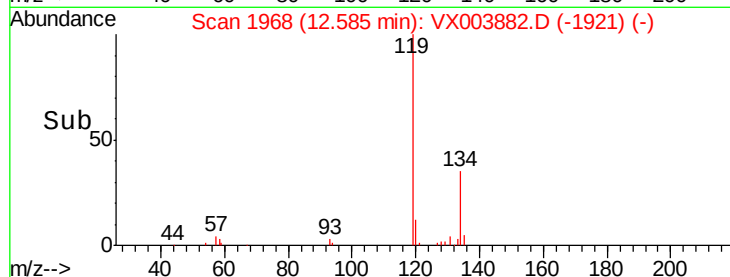
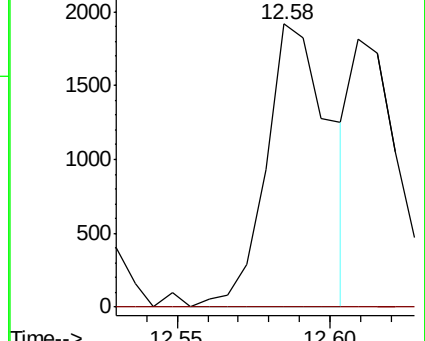
117 100

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: 0.23 ug/l

RT: 13.02 min Scan# 2039

Delta R.T. 0.02 min

Lab File: VX003882.D

Acq: 07 Aug 2018 15:39

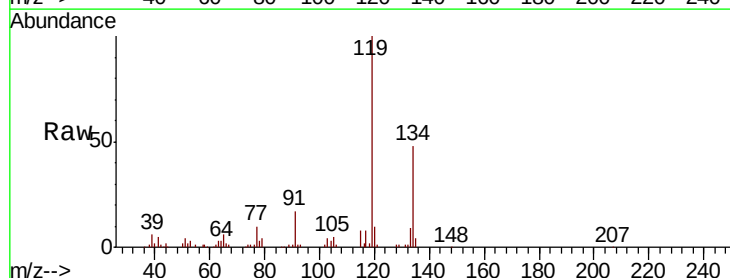
Tgt Ion: 75 Resp: 281

Ion Ratio Lower Upper

75 100

155 0.0 48.7 146.1#

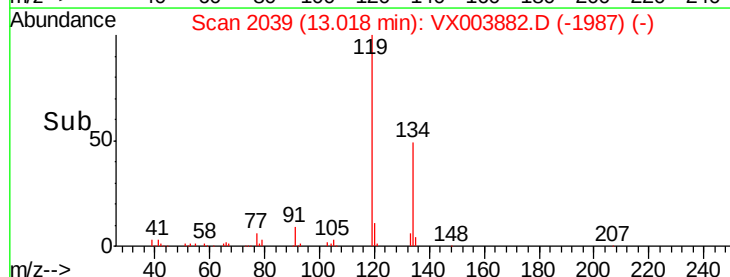
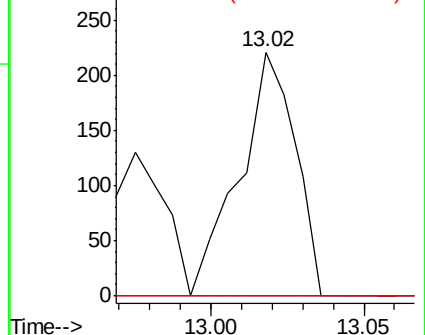
157 0.0 62.6 187.8#

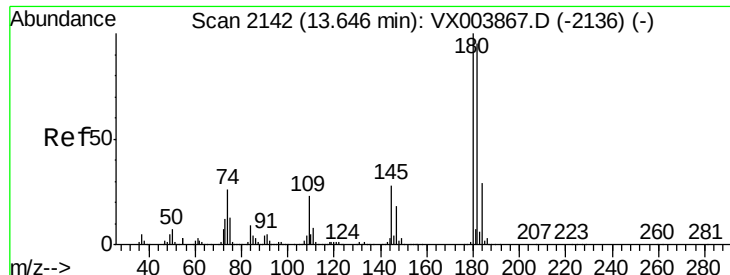


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

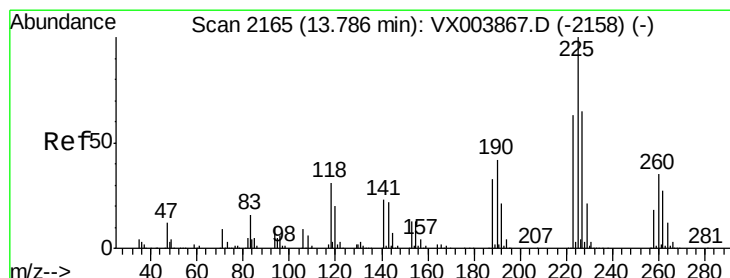
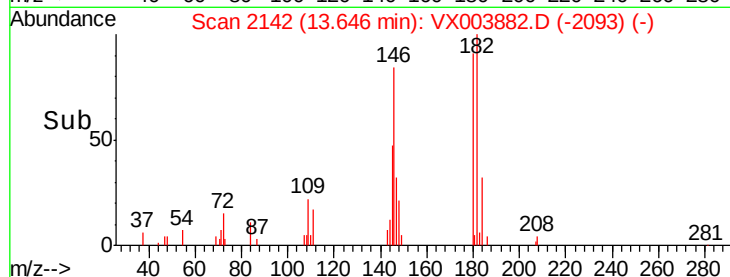
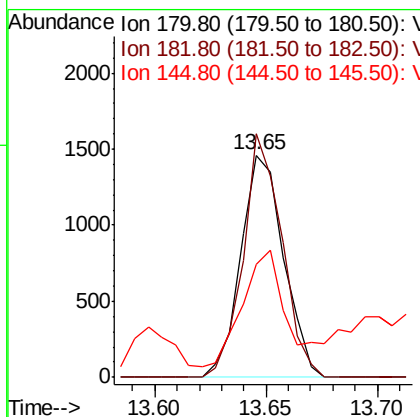
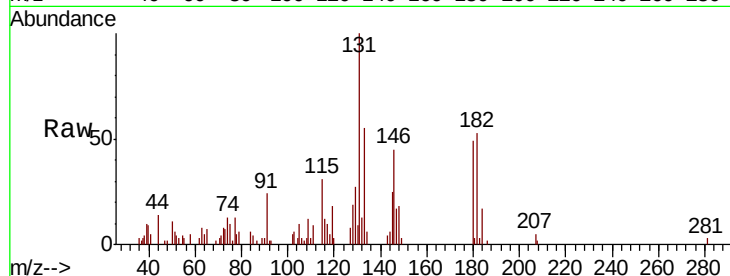




#93
 1,2,4-Trichlorobenzene
 Concen: 0.33 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VX003882.D
 Acq: 07 Aug 2018 15:39

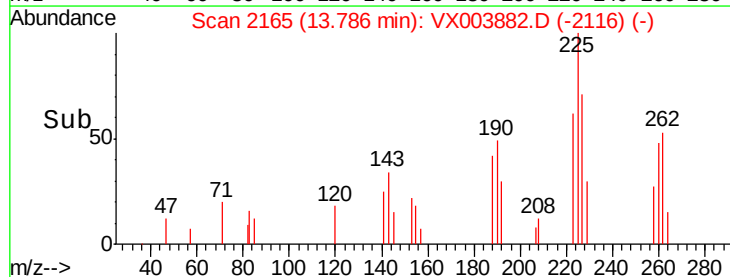
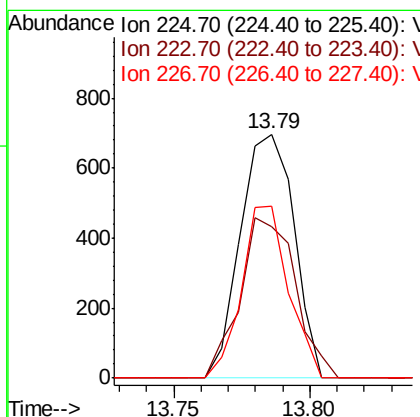
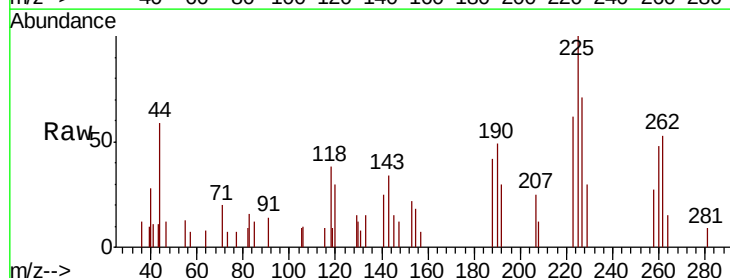
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0530DL

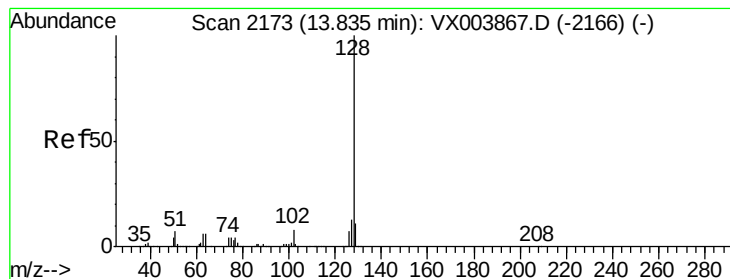
Tot Ion:180 Resp: 1969
 Ion Ratio Lower Upper
 180 100
 182 98.4 47.7 143.1
 145 61.9 13.9 41.6#



#94
 Hexachlorobutadiene
 Concen: 0.79 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003882.D
 Acq: 07 Aug 2018 15:39

Tgt Ion:225 Resp: 951
 Ion Ratio Lower Upper
 225 100
 223 68.0 31.4 94.0
 227 61.6 32.1 96.5





#95

Naphthalene

Concen: 7.06 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX003882.D

Acq: 07 Aug 2018 15:39

Instrument :

MSVOA_X

ClientSampled :

FL-0530DL

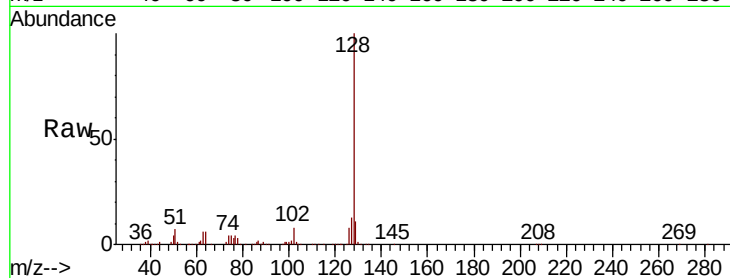
Tot Ion:128 Resp: 121732

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

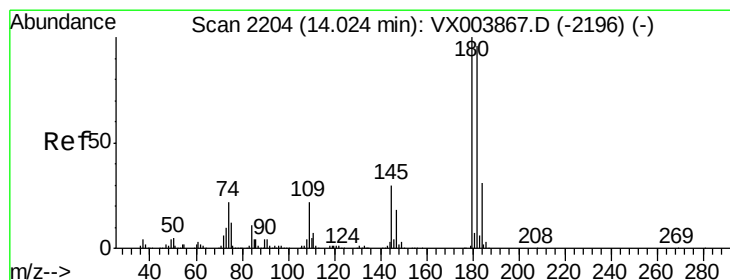
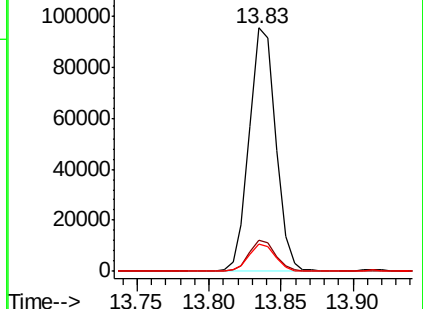
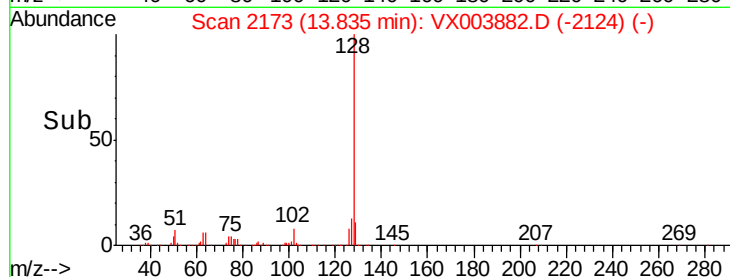
129 11.2 8.8 13.2



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



#96

1,2,3-Trichlorobenzene

Concen: 0.26 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX003882.D

Acq: 07 Aug 2018 15:39

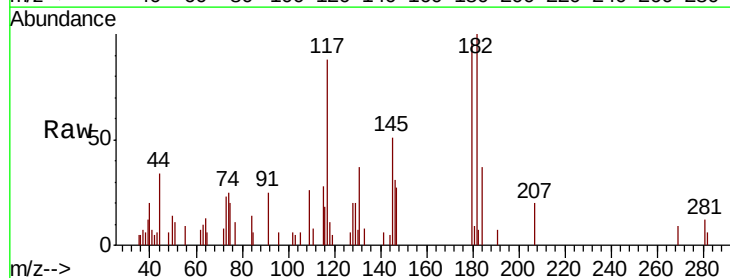
Tgt Ion:180 Resp: 1534

Ion Ratio Lower Upper

180 100

182 96.3 48.1 144.4

145 51.0 14.9 44.7#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

