

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080918\
 Data File : VX003946.D
 Acq On : 09 Aug 2018 13:17
 Operator : JC/MD
 Sample : J4387-08DL 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0558DL

Quant Time: Aug 10 01:02:07 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	326069	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	506463	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	482221	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	274863	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	215914	49.95	ug/l	0.00
Spiked Amount			Recovery	=	99.90%	
35) Dibromofluoromethane	5.50	113	185584	48.37	ug/l	0.00
Spiked Amount			Recovery	=	96.74%	
50) Toluene-d8	8.72	98	711158	47.66	ug/l	0.00
Spiked Amount			Recovery	=	95.32%	
62) 4-Bromofluorobenzene	11.14	95	269061	55.73	ug/l	0.00
Spiked Amount			Recovery	=	111.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	1173	Below Cal	#	74
6) Chloroethane	1.71	64	5272	1.84	ug/l	# 44
10) Methyl Iodide	2.51	142	930	0.20	ug/l	95
11) Tert butyl alcohol	3.08	59	291	0.28	ug/l	# 73
13) Acrolein	2.30	56	297	Below Cal	#	82
15) Acrylonitrile	3.15	53	665	0.27	ug/l	# 69
16) Acetone	2.45	43	1792	0.70	ug/l	# 78
17) Carbon Disulfide	2.56	76	1401	0.58	ug/l	96
20) Methylene Chloride	2.85	84	1485	Below Cal	#	85
29) Tetrahydrofuran	5.17	42	1057	0.53	ug/l	# 90
31) Cyclohexane	5.57	56	16231	2.61	ug/l	94
36) 1,1-Dichloropropene	5.67	75	21937	3.87	ug/l	# 49
38) Carbon Tetrachloride	5.65	117	28638	5.30	ug/l	# 15
39) Methylcyclohexane	7.46	83	36577	5.47	ug/l	97
48) Methyl methacrylate	7.73	41	2020	0.42	ug/l	# 69
52) Toluene	8.79	92	9811	0.91	ug/l	97
55) 1,1,2-Trichloroethane	9.16	97	1701	0.39	ug/l	# 18
67) Ethyl Benzene	10.26	91	363199	17.68	ug/l	97
68) m/p-Xylenes	10.36	106	323558	40.31	ug/l	98
69) o-Xylene	10.70	106	255127	33.67	ug/l	97
70) Styrene	10.70	104	13420	1.08	ug/l	# 1
71) Bromoform	10.86	173	49	2.93	ug/l	# 28
73) Isopropylbenzene	11.02	105	51704	2.54	ug/l	98
76) 1,2,3-Trichloropropane	11.14	75	129622	21.35	ug/l	# 36
78) n-propylbenzene	11.36	91	69796	3.06	ug/l	97
79) 2-Chlorotoluene	11.44	91	40273	2.89	ug/l	# 41
80) 1,3,5-Trimethylbenzene	11.51	105	98587	5.95	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.14	75	129622	57.72	ug/l	# 9
82) 4-Chlorotoluene	11.51	91	10785	0.66	ug/l	# 49
83) tert-Butylbenzene	11.81	119	44216	2.71	ug/l	# 59
84) 1,2,4-Trimethylbenzene	11.81	105	357088	21.42	ug/l	98
85) sec-Butylbenzene	11.81	105	356827	18.54	ug/l	# 56
86) p-Isopropyltoluene	12.07	119	8603	0.50	ug/l	89
88) 1,4-Dichlorobenzene	12.03	146	758	Below Cal		97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080918\
Data File : VX003946.D
Acq On : 09 Aug 2018 13:17
Operator : JC/MD
Sample : J4387-08DL 20X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FL-0558DL

Quant Time: Aug 10 01:02:07 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

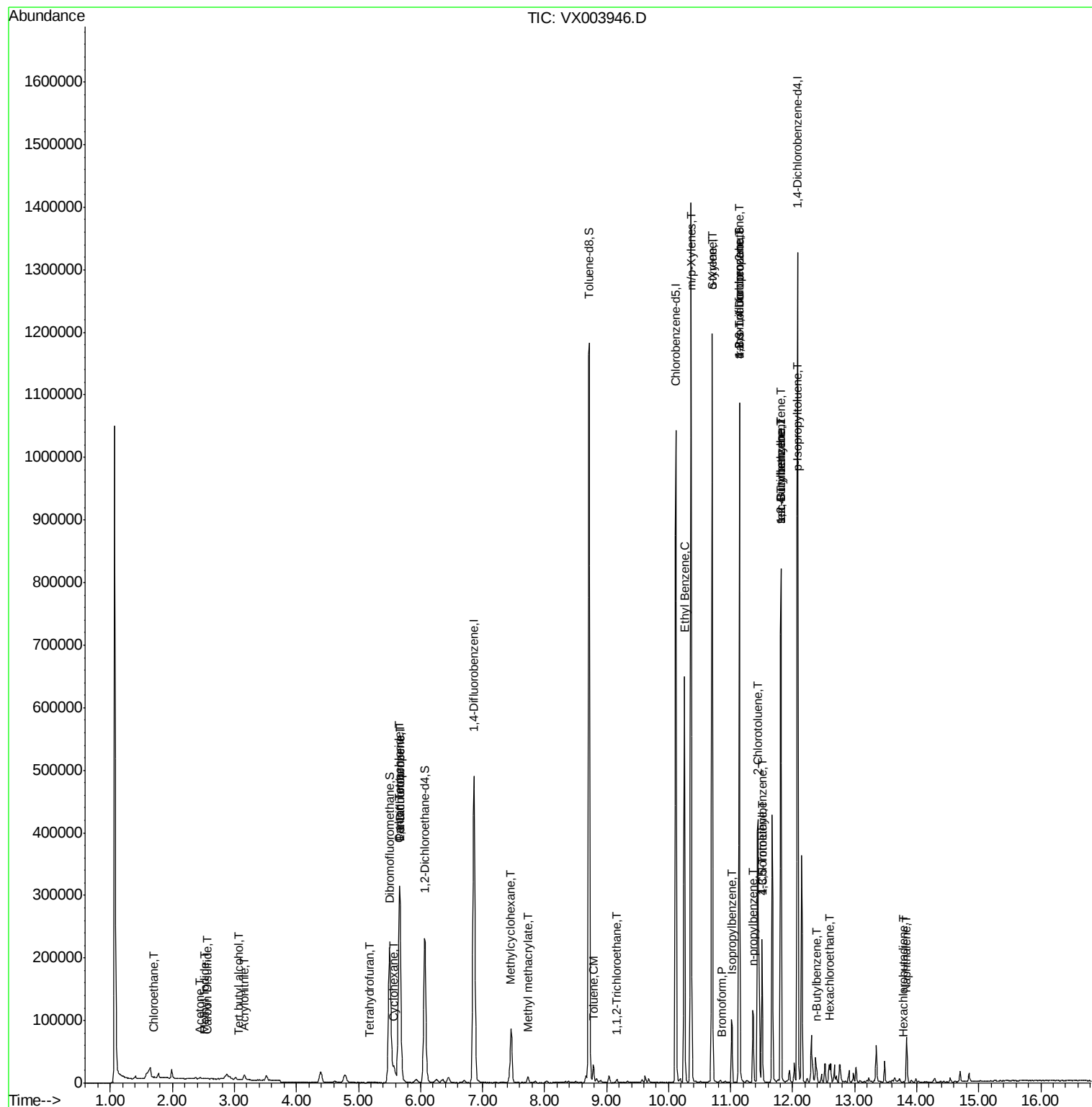
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	12.39	91	6521	0.43	ug/l #	35
90) Hexachloroethane	12.59	117	1232	0.44	ug/l #	4
94) Hexachlorobutadiene	13.79	225	325	0.53	ug/l	92
95) Naphthalene	13.83	128	46033	2.25	ug/l	100

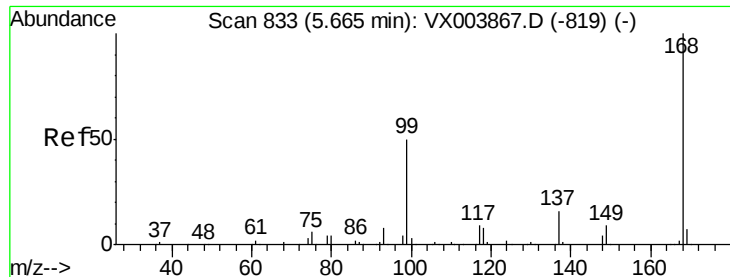
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX080918\
Data File : VX003946.D
Acq On : 09 Aug 2018 13:17
Operator : JC/MD
Sample : J4387-08DL 20X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FL-0558DL

Quant Time: Aug 10 01:02:07 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 07:45:48 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX003946.D

Acq: 09 Aug 2018 13:17

Instrument :

MSVOA_X

ClientSampled :

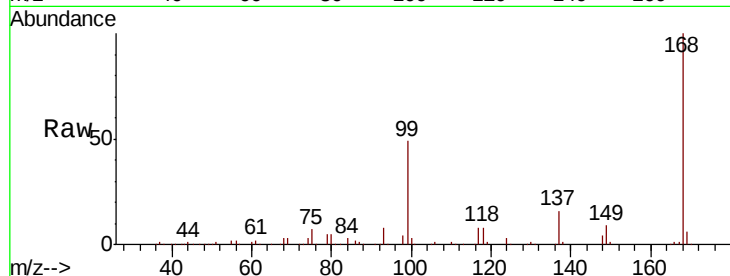
FL-0558DL

Tot Ion:168 Resp: 326069

Ion Ratio Lower Upper

168 100

99 49.0 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

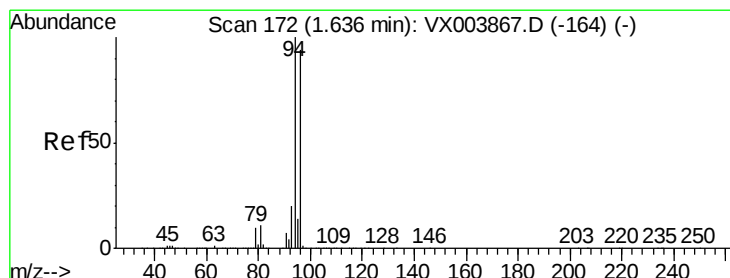
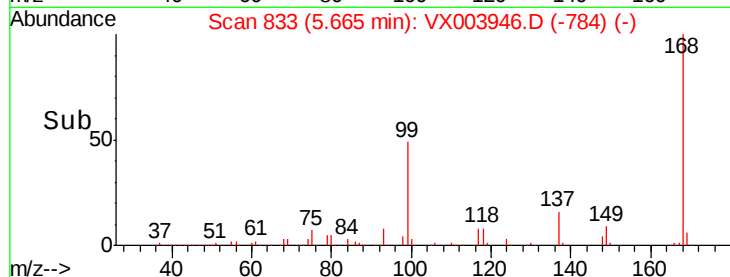
5.67

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003946.D

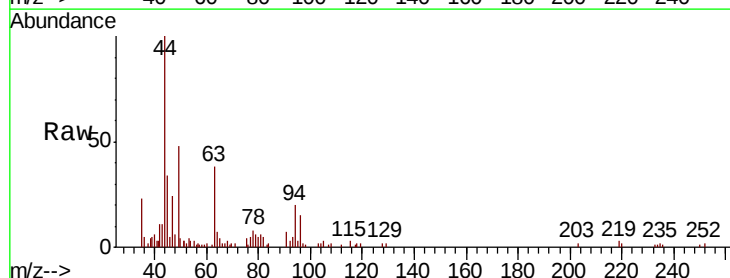
Acq: 09 Aug 2018 13:17

Tgt Ion: 94 Resp: 1173

Ion Ratio Lower Upper

94 100

96 68.7 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

1000

800

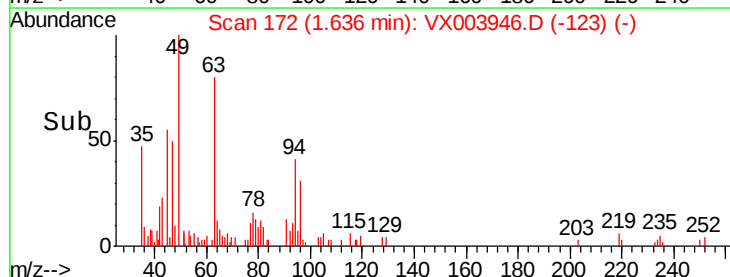
600

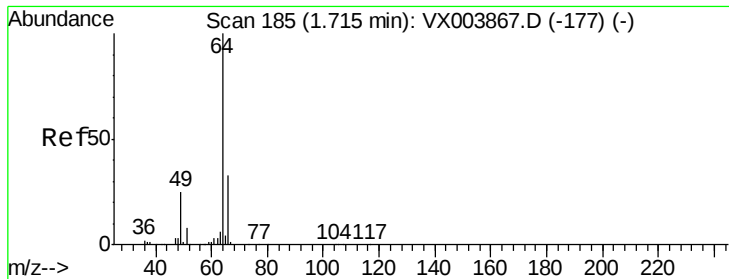
400

200

0

Time--> 1.60 1.65 1.70





#6

Chloroethane

Concen: 1.84 ug/l

RT: 1.71 min Scan# 184

Delta R.T. -0.01 min

Lab File: VX003946.D

Acq: 09 Aug 2018 13:17

Instrument :

MSVOA_X

ClientSampleId :

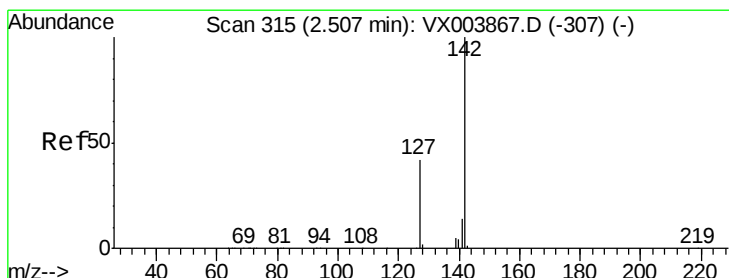
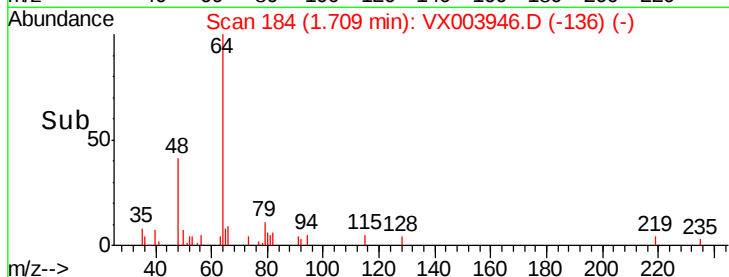
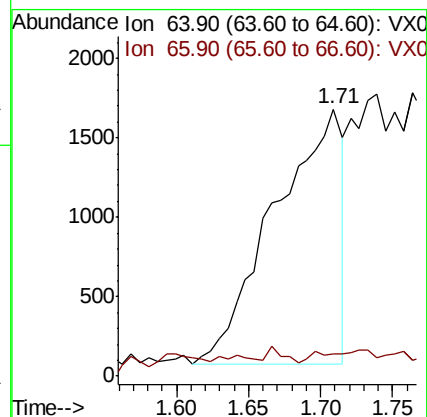
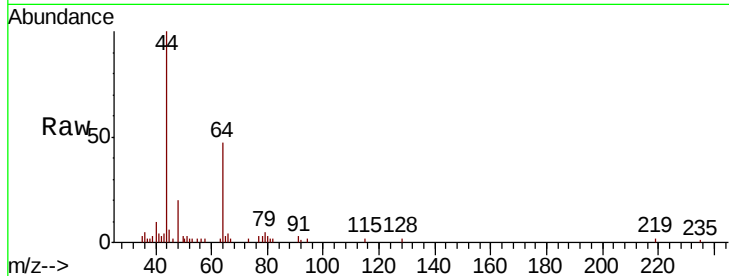
FL-0558DL

Tot Ion: 64 Resp: 5272

Ion Ratio Lower Upper

64 100

66 1.7 26.5 39.7#



#10

Methyl Iodide

Concen: 0.20 ug/l

RT: 2.51 min Scan# 315

Delta R.T. -0.00 min

Lab File: VX003946.D

Acq: 09 Aug 2018 13:17

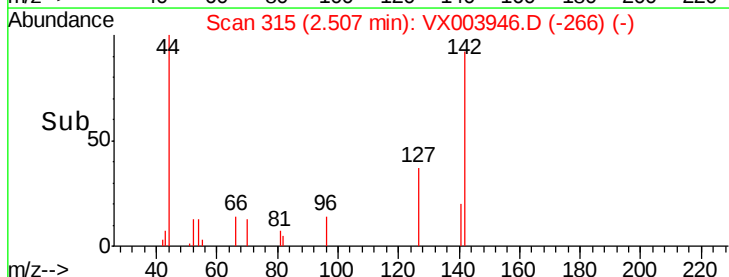
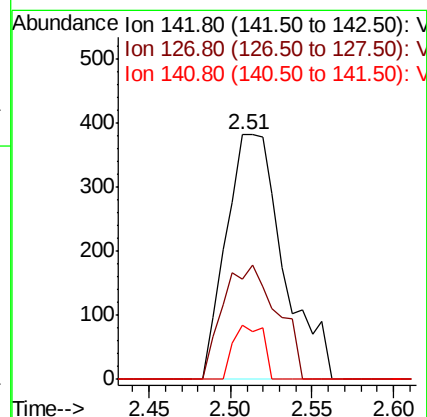
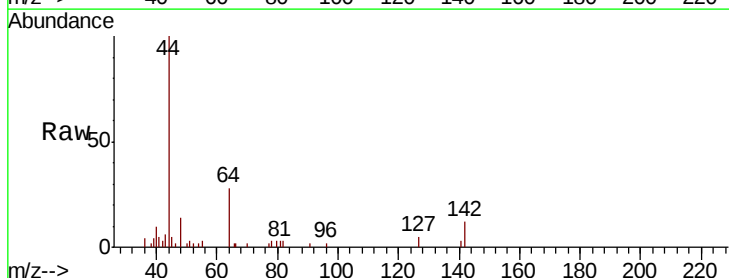
Tgt Ion: 142 Resp: 930

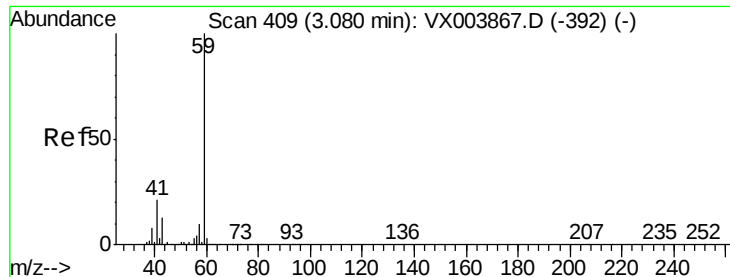
Ion Ratio Lower Upper

142 100

127 44.1 33.1 49.7

141 11.5 11.1 16.7





#11

Tert butyl alcohol

Concen: 0.28 ug/l

RT: 3.08 min Scan# 409

Delta R.T. -0.00 min

Lab File: VX003946.D

Acq: 09 Aug 2018 13:17

Instrument :

MSVOA_X

ClientSampled :

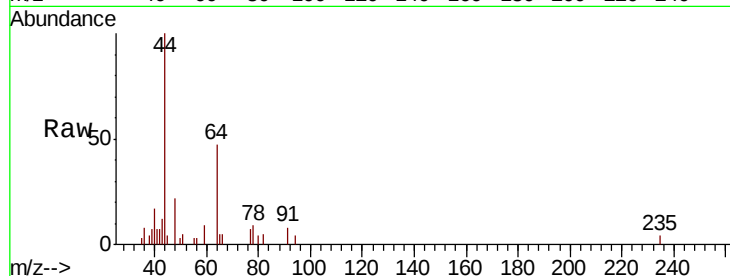
FL-0558DL

Tot Ion: 59 Resp: 291

Ion Ratio Lower Upper

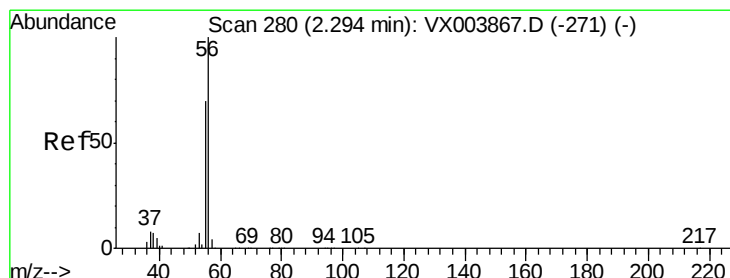
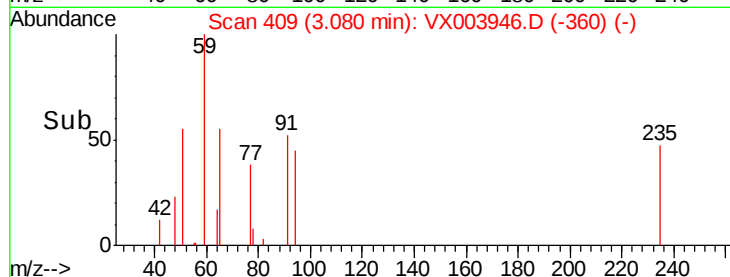
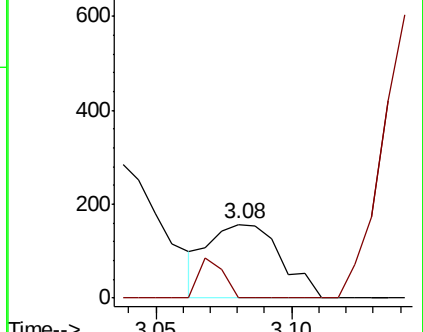
59 100

57 0.0 8.1 12.1#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#13

Acrolein

Concen: Below Cal

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX003946.D

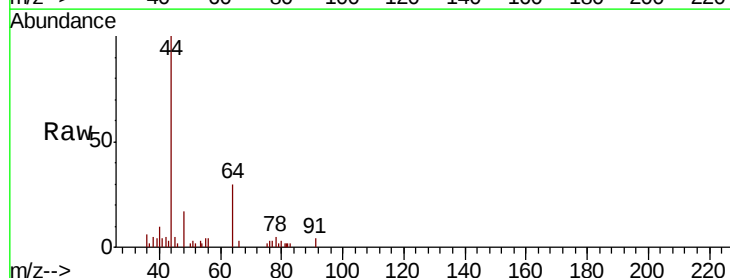
Acq: 09 Aug 2018 13:17

Tgt Ion: 56 Resp: 297

Ion Ratio Lower Upper

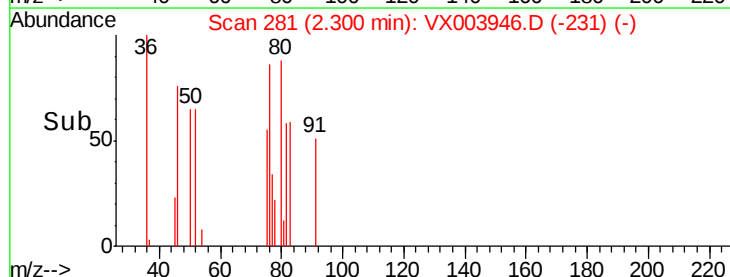
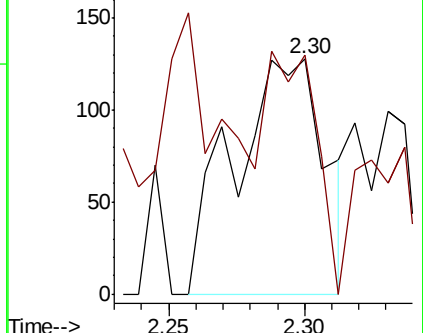
56 100

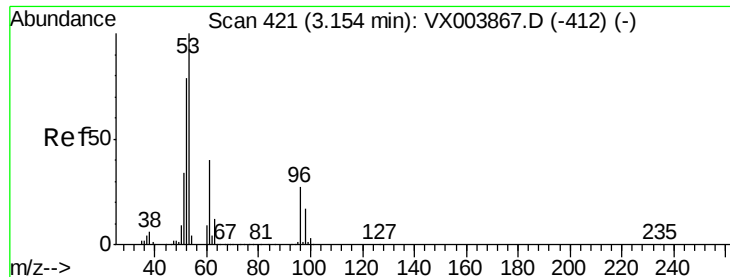
55 55.6 56.1 84.1#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0





#15

Acrylonitrile

Concen: 0.27 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX003946.D

Acq: 09 Aug 2018 13:17

Instrument :

MSVOA_X

ClientSampled :

FL-0558DL

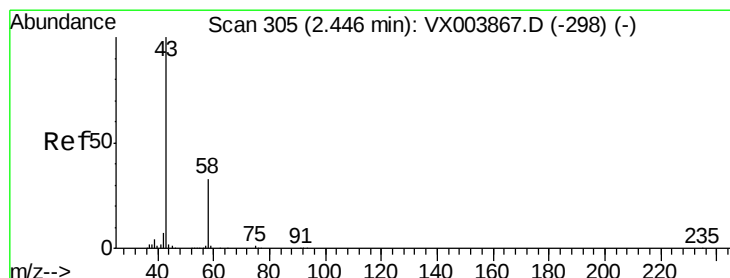
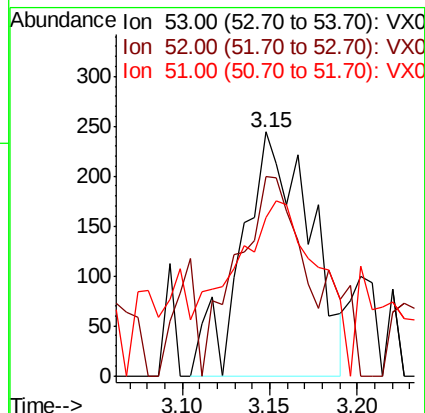
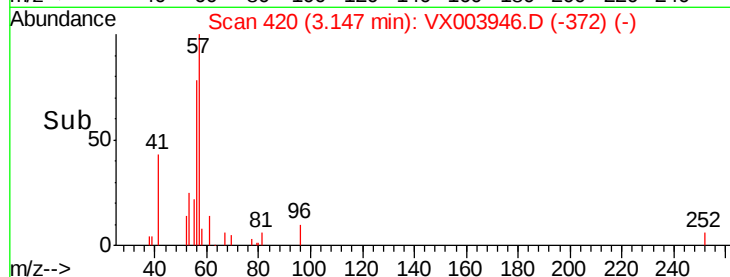
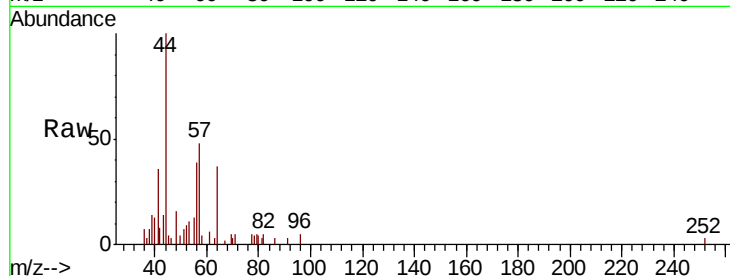
Tot Ion: 53 Resp: 665

Ion Ratio Lower Upper

53 100

52 76.1 65.3 97.9

51 87.1 27.9 41.9#



#16

Acetone

Concen: 0.70 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX003946.D

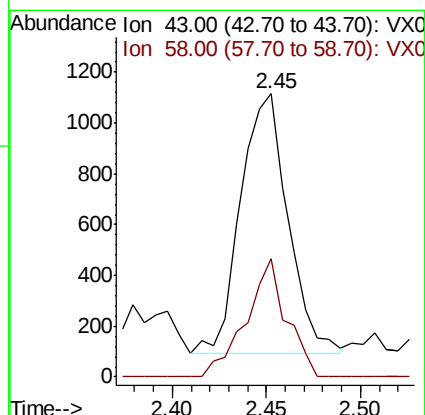
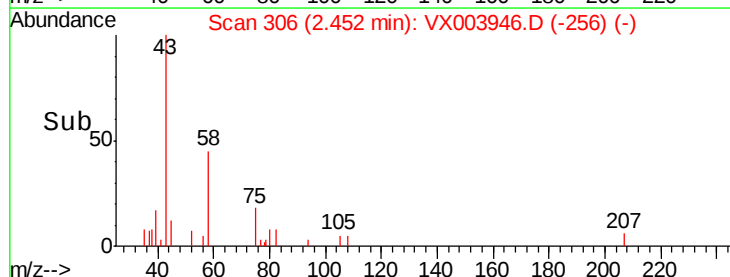
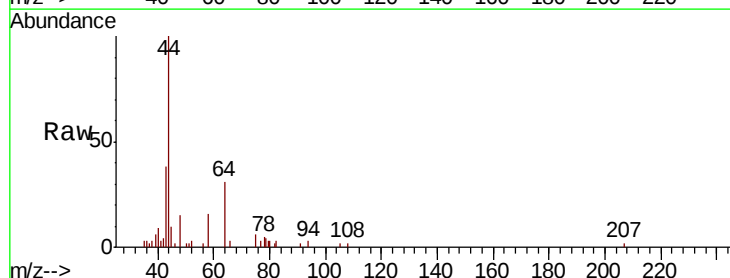
Acq: 09 Aug 2018 13:17

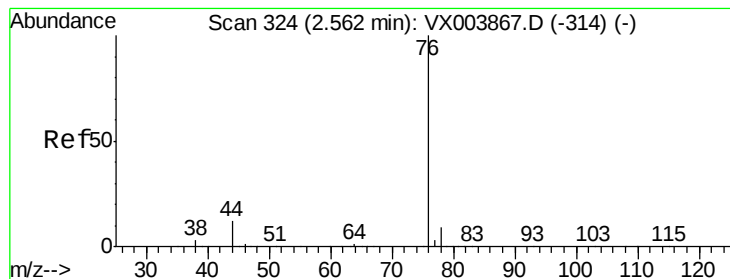
Tgt Ion: 43 Resp: 1792

Ion Ratio Lower Upper

43 100

58 45.4 26.4 39.6#





#17

Carbon Disulfide

Concen: 0.58 ua/l

RT: 2.56 min Scan# 324

Delta R.T. 0.00 min

Lab File: VX003946.D

Acq: 09 Aug 2018 13:17

Instrument :

MSVOA_X

ClientSampleId :

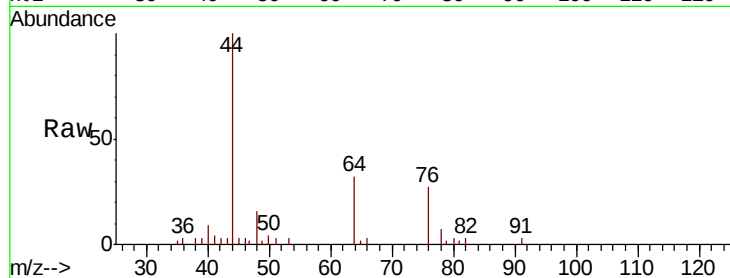
FL-0558DL

Tot Ion: 76 Resp: 1401

Ion Ratio Lower Upper

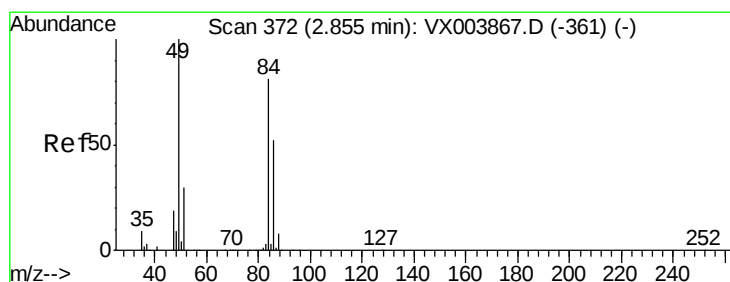
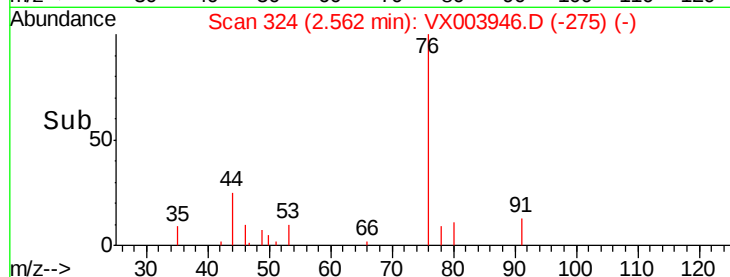
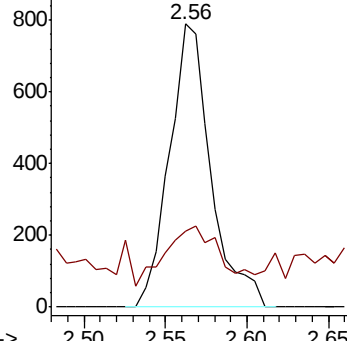
76 100

78 8.0 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#20

Methylene Chloride

Concen: Below Cal

RT: 2.85 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX003946.D

Acq: 09 Aug 2018 13:17

Tgt Ion: 84 Resp: 1485

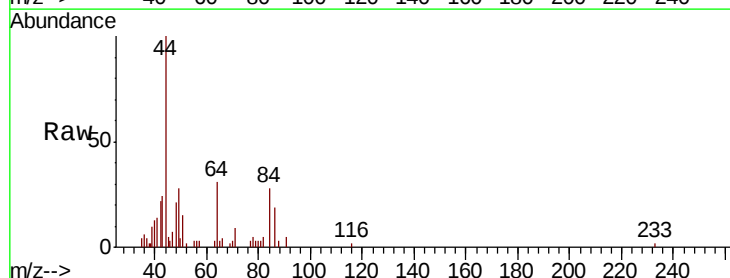
Ion Ratio Lower Upper

84 100

49 98.4 98.9 148.3#

51 44.7 29.9 44.9

86 66.4 51.0 76.6

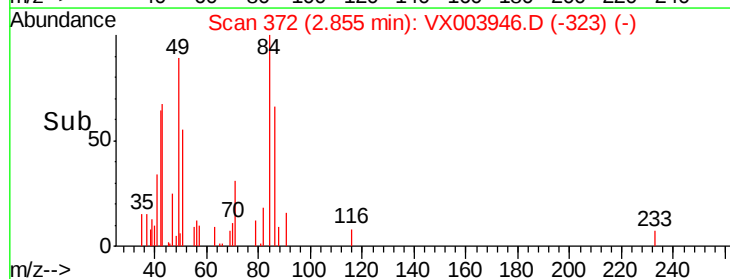
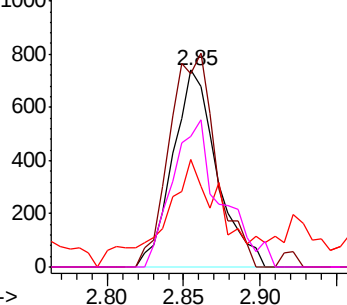


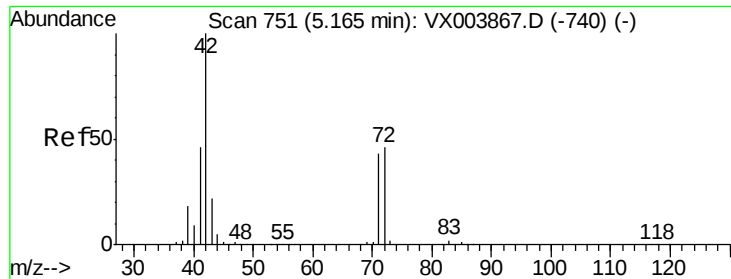
Abundance Ion 83.90 (83.60 to 84.60): VX0

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





#29

Tetrahydrofuran

Concen: 0.53 ug/l

RT: 5.17 min Scan# 752

Delta R.T. 0.01 min

Lab File: VX003946.D

Acq: 09 Aug 2018 13:17

Instrument :

MSVOA_X

ClientSampled :

FL-0558DL

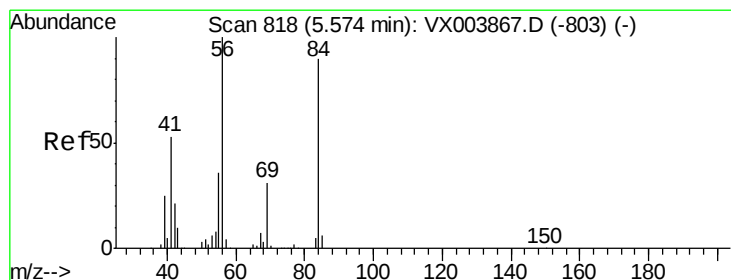
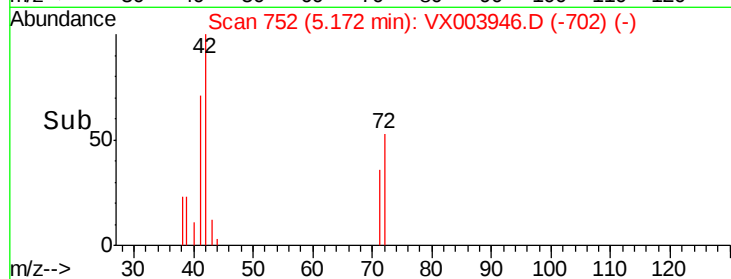
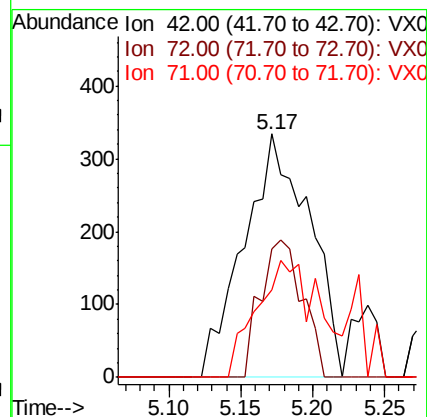
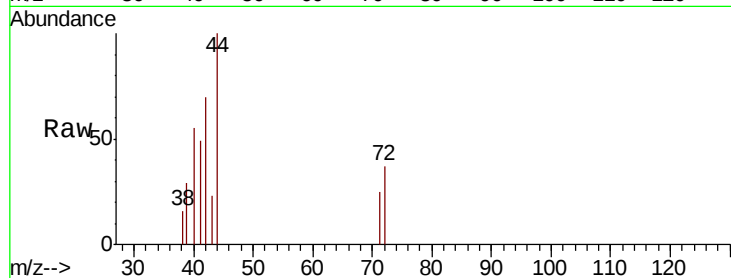
Tot Ion: 42 Resp: 1057

Ion Ratio Lower Upper

42 100

72 35.9 37.7 56.5#

71 45.5 35.0 52.6



#31

Cyclohexane

Concen: 2.61 ug/l

RT: 5.57 min Scan# 817

Delta R.T. -0.01 min

Lab File: VX003946.D

Acq: 09 Aug 2018 13:17

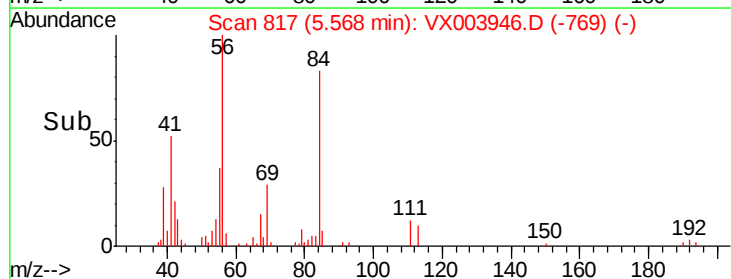
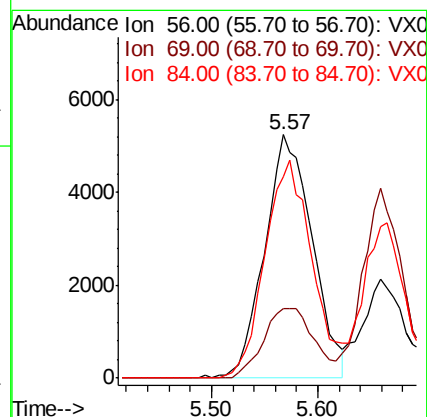
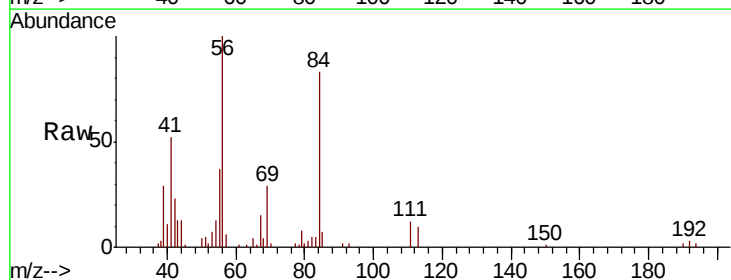
Tgt Ion: 56 Resp: 16231

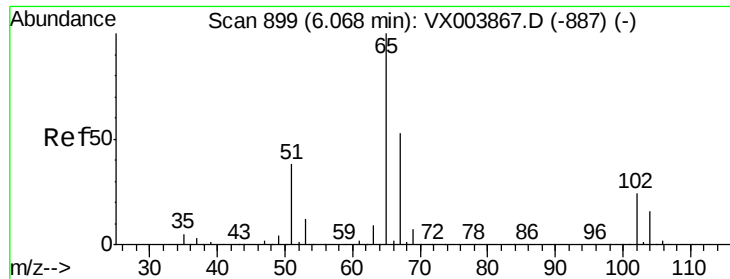
Ion Ratio Lower Upper

56 100

69 28.7 24.9 37.3

84 82.8 71.7 107.5

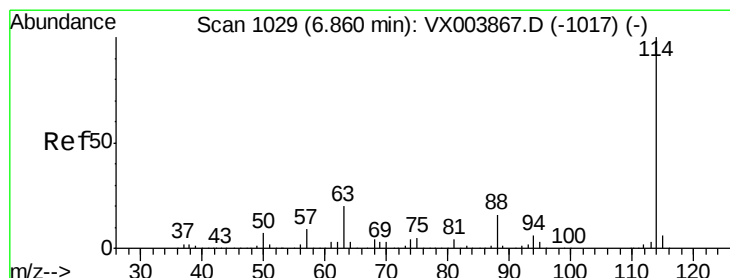
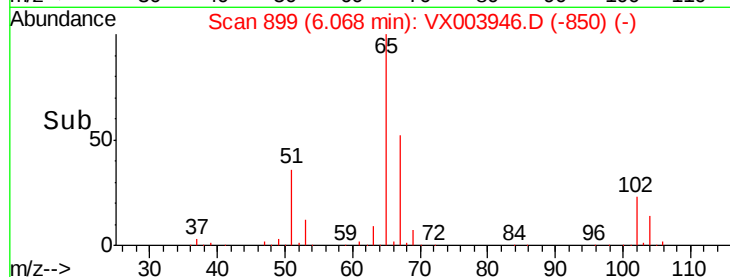
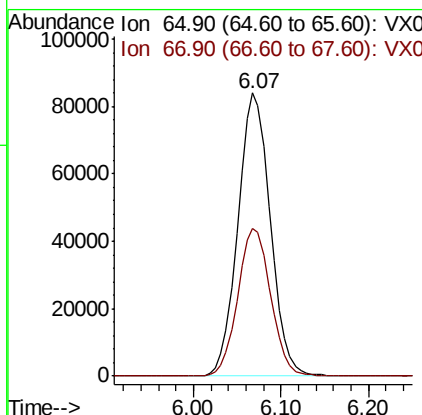
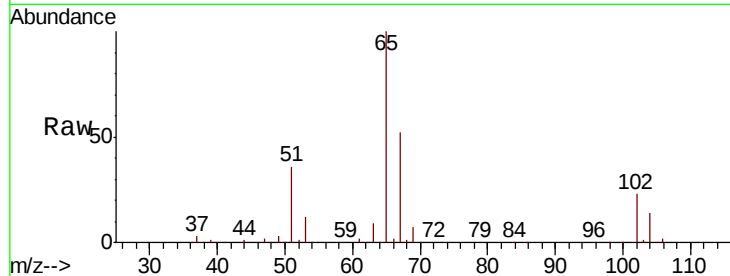




#33
 1,2-Dichloroethane-d4
 Concen: 49.95 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VX003946.D
 Acq: 09 Aug 2018 13:17

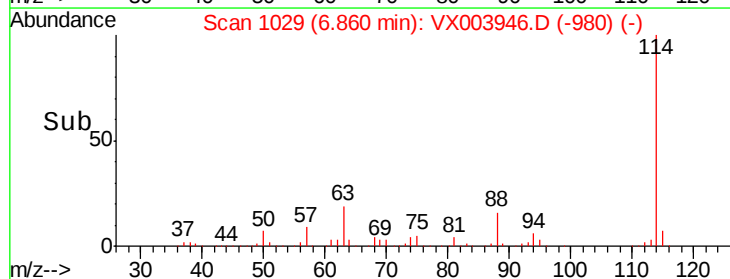
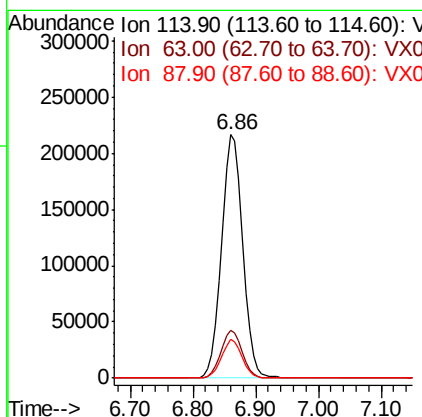
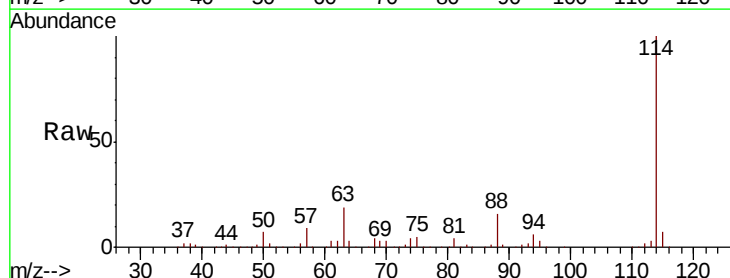
Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0558DL

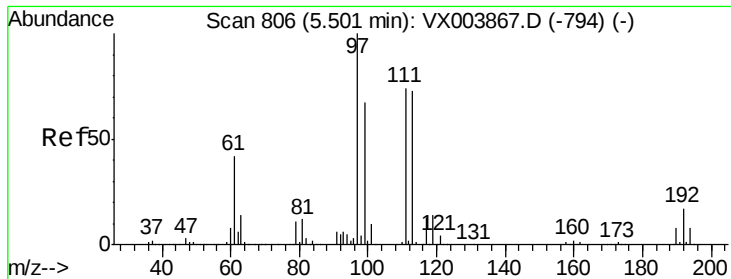
Tot Ion: 65 Resp: 215914
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: VX003946.D
 Acq: 09 Aug 2018 13:17

Tgt Ion: 114 Resp: 506463
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.0
 88 16.1 0.0 32.0

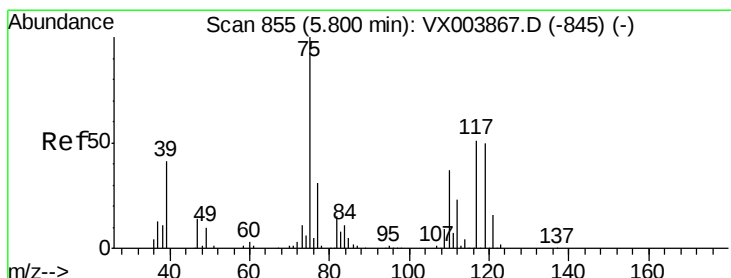
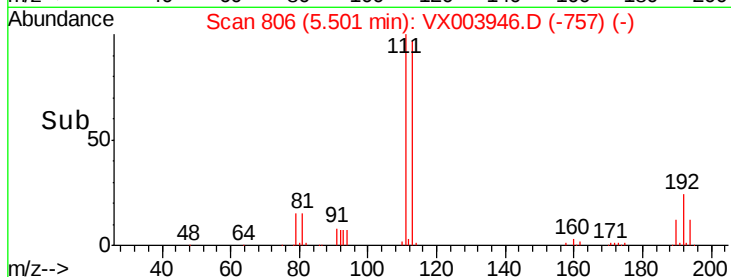
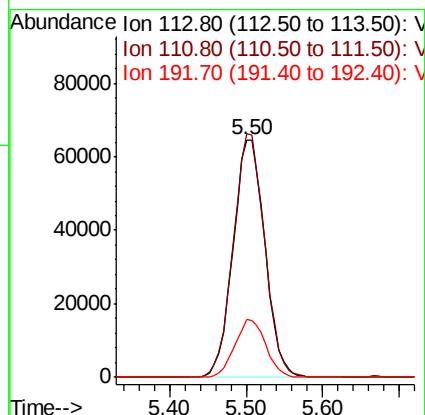
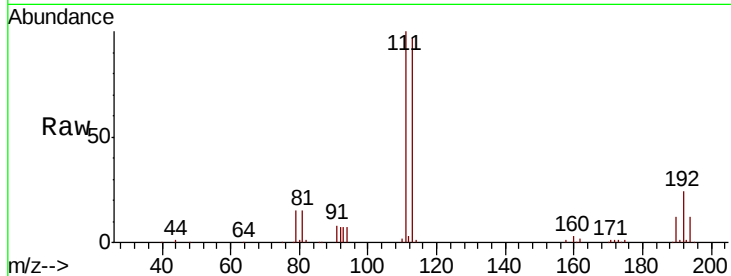




#35
 Dibromofluoromethane
 Concen: 48.37 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX003946.D
 Acq: 09 Aug 2018 13:17

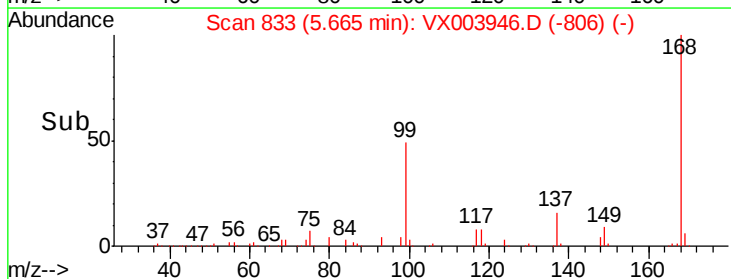
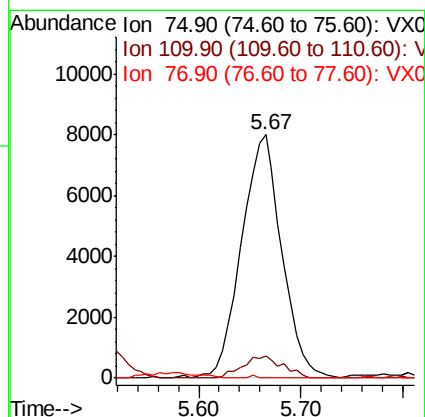
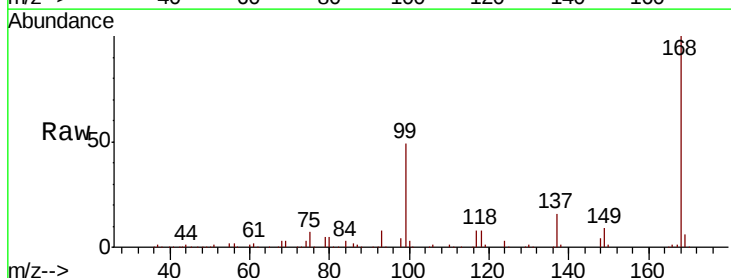
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0558DL

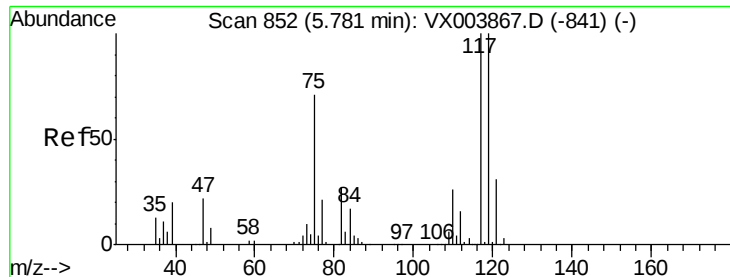
Tot Ion:113 Resp: 185584
 Ion Ratio Lower Upper
 113 100
 111 101.3 82.0 123.0
 192 23.7 19.0 28.4



#36
 1,1-Dichloropropene
 Concen: 3.87 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.13 min
 Lab File: VX003946.D
 Acq: 09 Aug 2018 13:17

Tgt Ion: 75 Resp: 21937
 Ion Ratio Lower Upper
 75 100
 110 9.1 18.2 54.6#
 77 0.1 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 5.30 ug/l

RT: 5.65 min Scan# 831

Delta R.T. -0.13 min

Lab File: VX003946.D

Acq: 09 Aug 2018 13:17

Instrument :

MSVOA_X

ClientSampled :

FL-0558DL

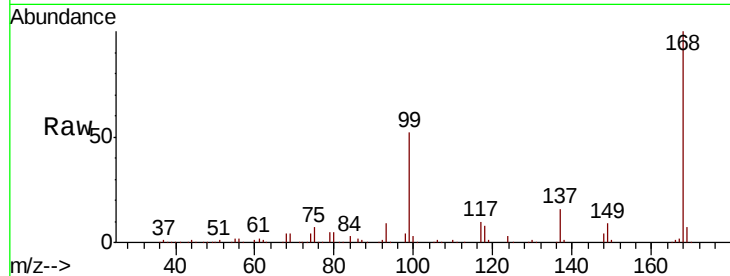
Tot Ion:117 Resp: 28638

Ion Ratio Lower Upper

117 100

119 5.6 79.5 119.3#

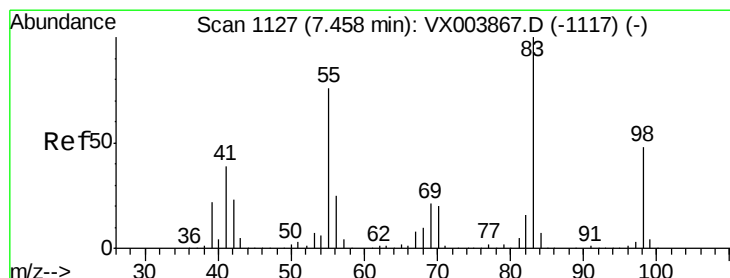
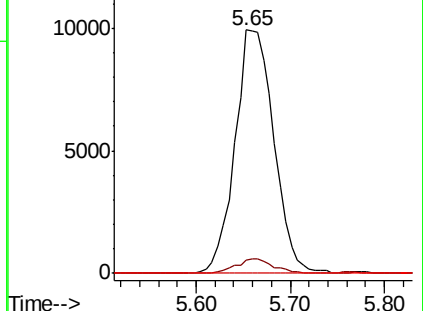
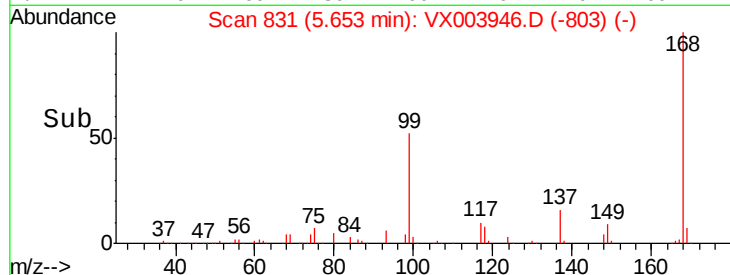
121 0.0 25.0 37.4#



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: 5.47 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. 0.01 min

Lab File: VX003946.D

Acq: 09 Aug 2018 13:17

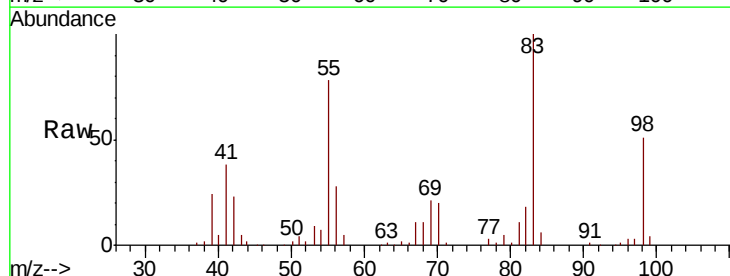
Tgt Ion: 83 Resp: 36577

Ion Ratio Lower Upper

83 100

55 77.8 61.0 91.6

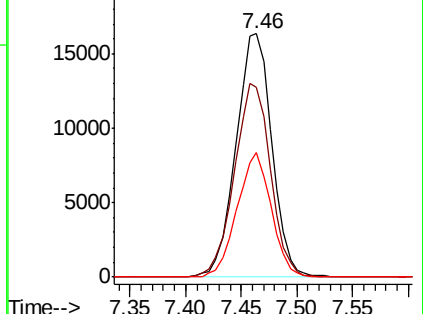
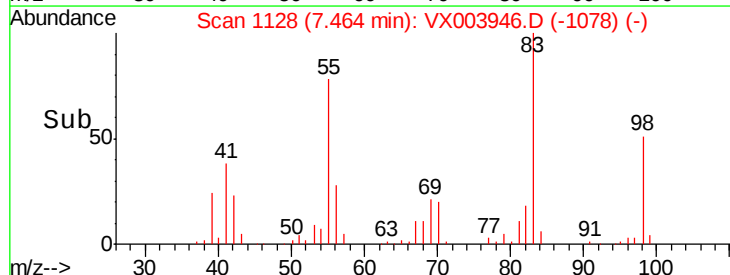
98 51.3 38.6 57.8

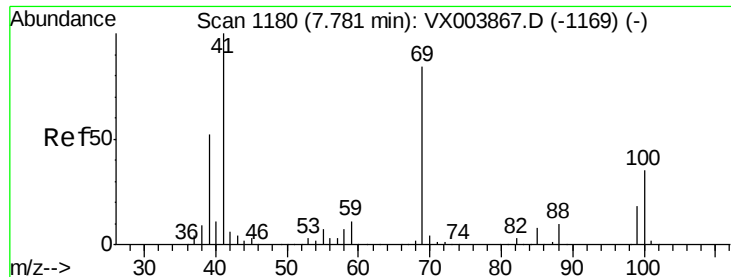


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

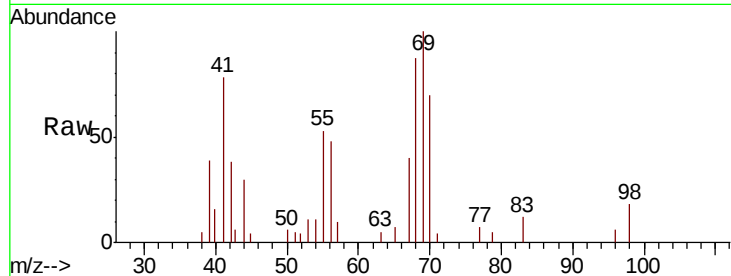




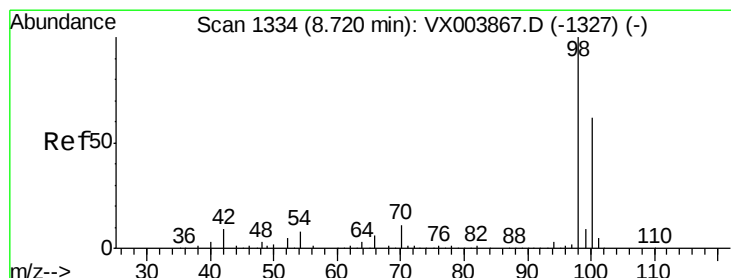
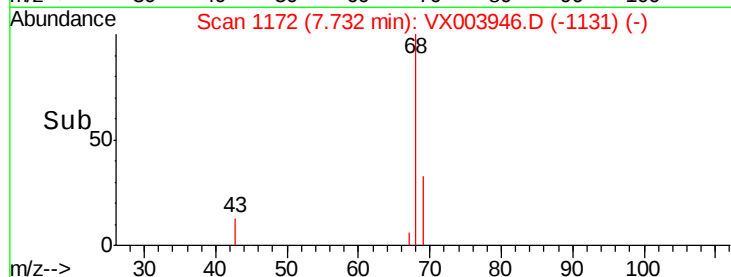
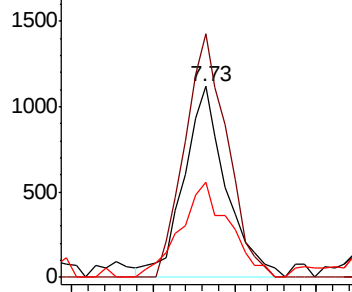
#48
Methvl methacrylate
Concen: 0.42 ug/l
RT: 7.73 min Scan# 1172
Delta R.T. -0.05 min
Lab File: VX003946.D
Acq: 09 Aug 2018 13:17

Instrument :
MSVOA_X
ClientSampleId :
FL-0558DL

Tot Ion: 41 Resp: 2020
Ion Ratio Lower Upper
41 100
69 127.9 68.8 103.2#
39 57.6 42.3 63.5

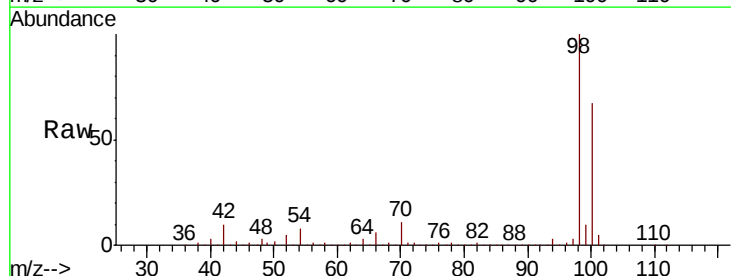


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

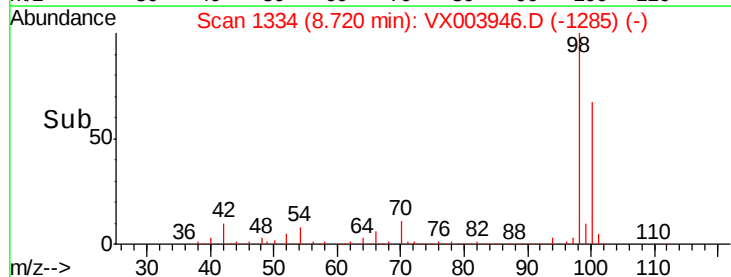
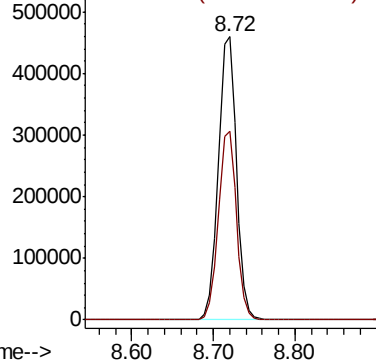


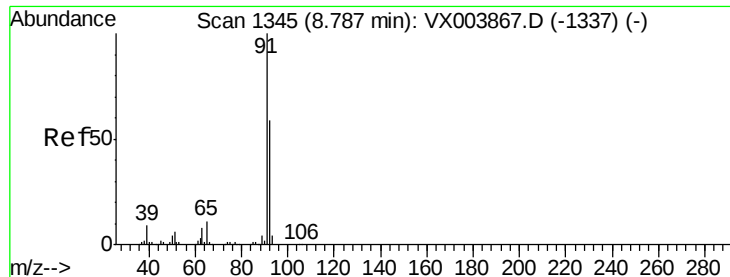
#50
Toluene-d8
Concen: 47.66 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX003946.D
Acq: 09 Aug 2018 13:17

Tgt Ion: 98 Resp: 711158
Ion Ratio Lower Upper
98 100
100 66.6 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: 0.91 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX003946.D

Acq: 09 Aug 2018 13:17

Instrument :

MSVOA_X

ClientSampleId :

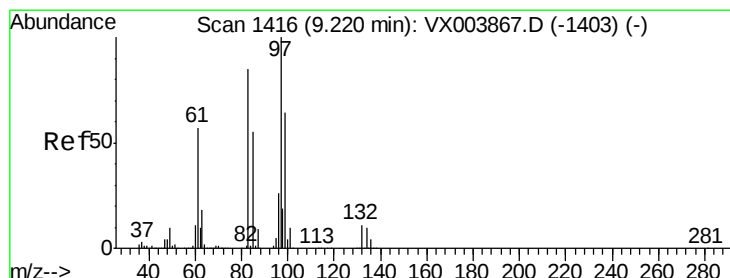
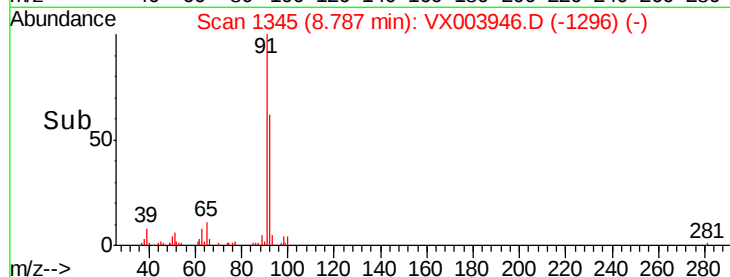
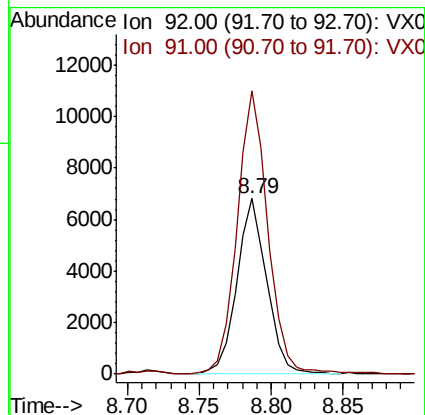
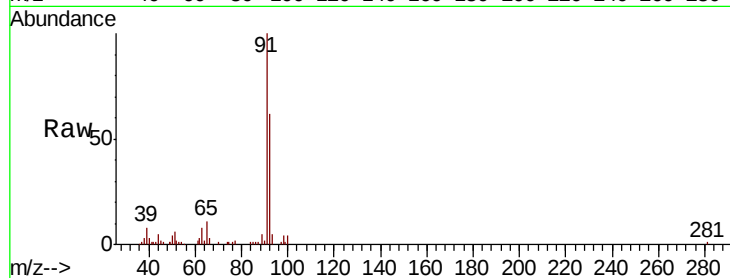
FL-0558DL

Tot Ion: 92 Resp: 9811

Ion Ratio Lower Upper

92 100

91 166.5 136.1 204.1



#55

1,1,2-Trichloroethane

Concen: 0.39 ug/l

RT: 9.16 min Scan# 1407

Delta R.T. -0.05 min

Lab File: VX003946.D

Acq: 09 Aug 2018 13:17

Tgt Ion: 97 Resp: 1701

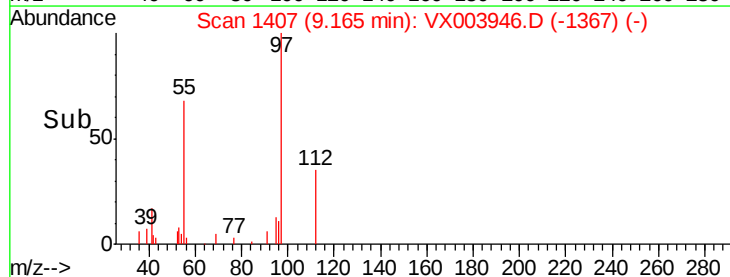
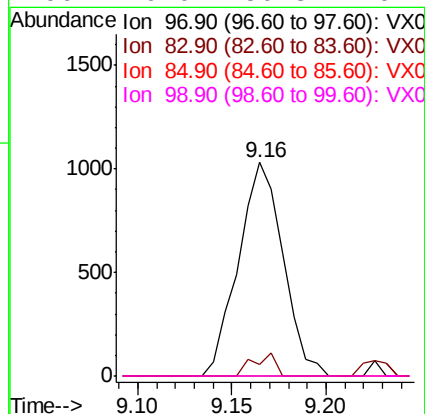
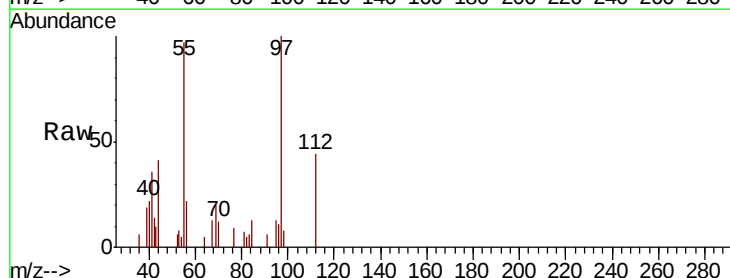
Ion Ratio Lower Upper

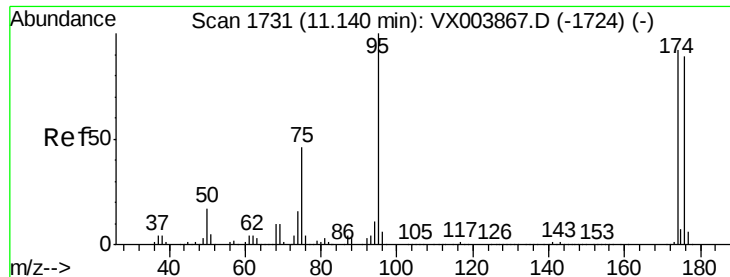
97 100

83 5.6 67.8 101.6#

85 0.0 44.2 66.2#

99 0.0 50.8 76.2#





#62

4-Bromofluorobenzene

Concen: 55.73 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX003946.D

Acq: 09 Aug 2018 13:17

Instrument :

MSVOA_X

ClientSampleId :

FL-0558DL

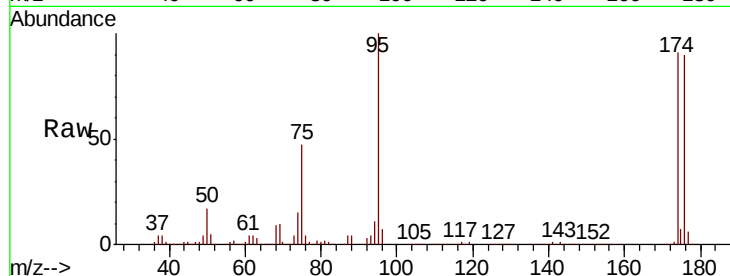
Tot Ion: 95 Resp: 269061

Ion Ratio Lower Upper

95 100

174 91.6 0.0 182.8

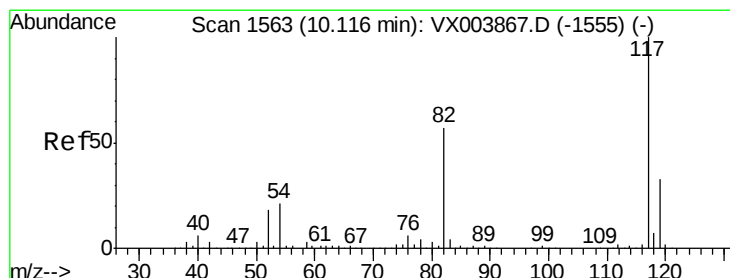
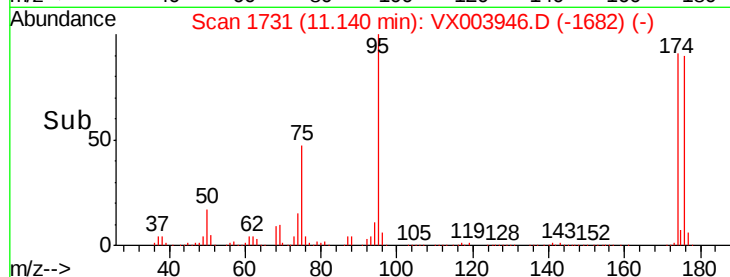
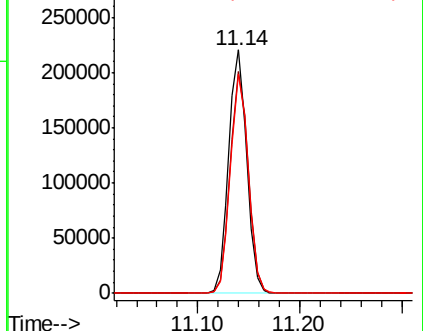
176 89.5 0.0 179.0



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: VX003946.D

Acq: 09 Aug 2018 13:17

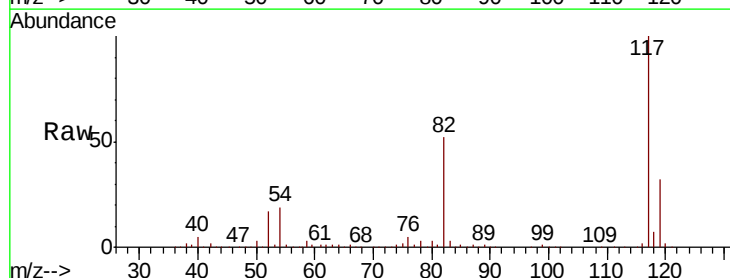
Tgt Ion: 117 Resp: 482221

Ion Ratio Lower Upper

117 100

82 51.8 45.4 68.0

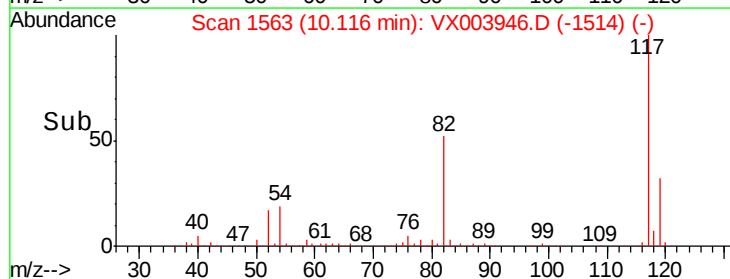
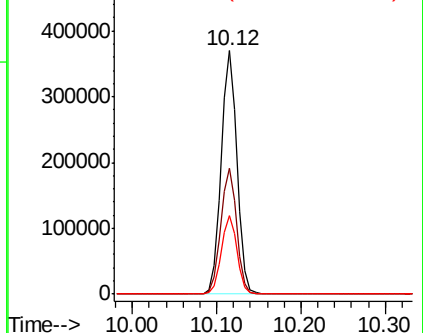
119 32.4 26.6 40.0

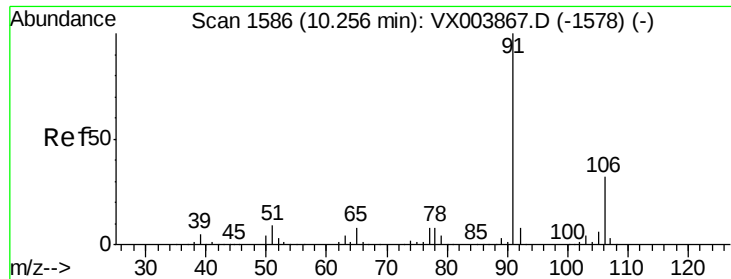


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

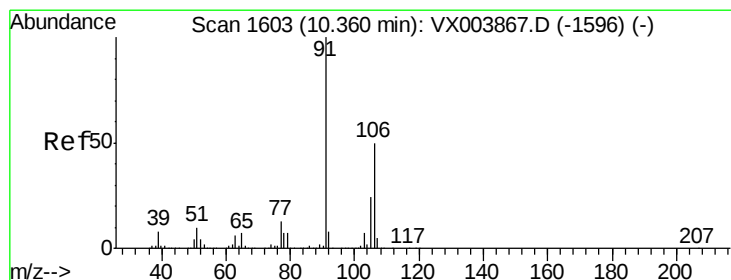
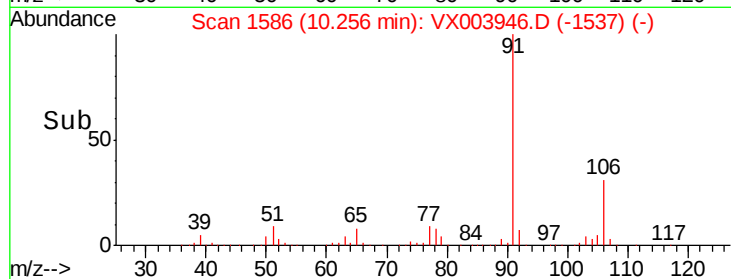
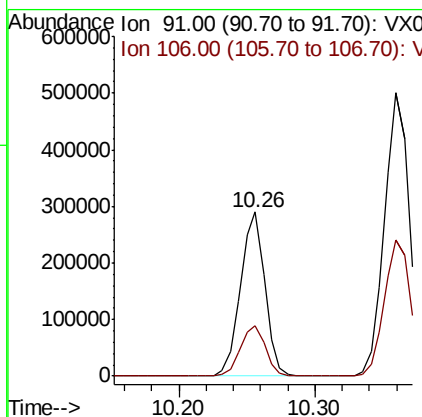
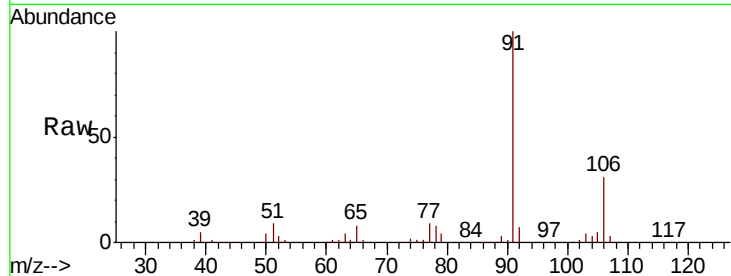




#67
Ethyl Benzene
Concen: 17.68 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX003946.D
Acq: 09 Aug 2018 13:17

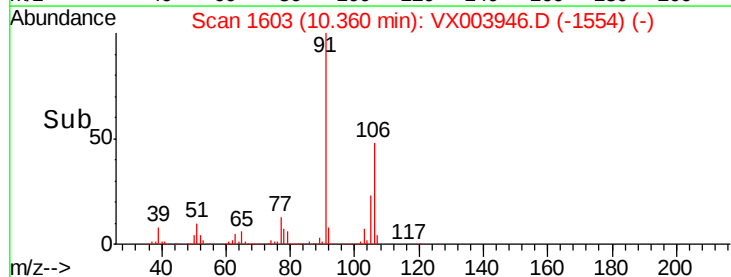
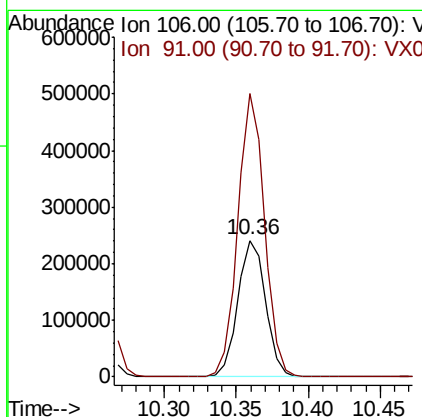
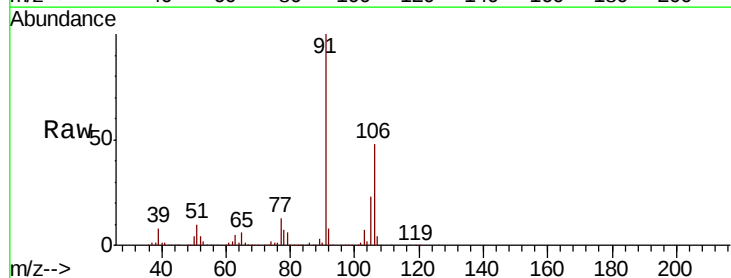
Instrument :
MSVOA_X
ClientSampleID :
FL-0558DL

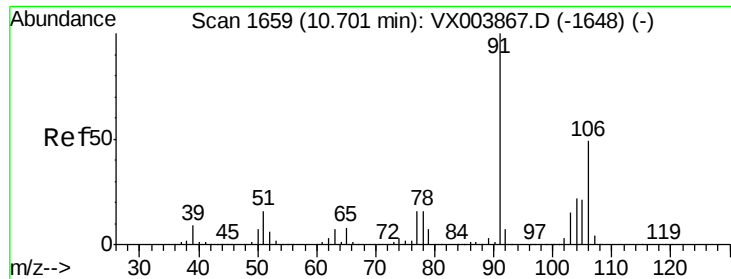
Tot Ion: 91 Resp: 363199
Ion Ratio Lower Upper
91 100
106 31.0 25.9 38.9



#68
m/p-Xylenes
Concen: 40.31 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX003946.D
Acq: 09 Aug 2018 13:17

Tgt Ion: 106 Resp: 323558
Ion Ratio Lower Upper
106 100
91 199.4 162.3 243.5

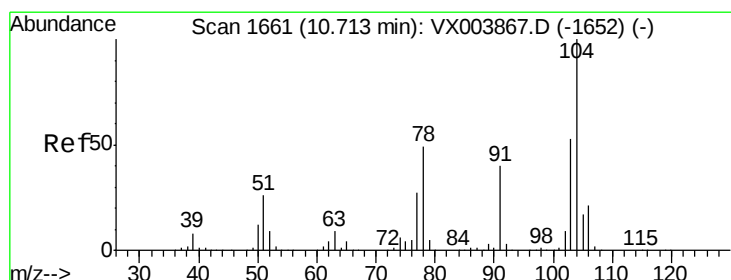
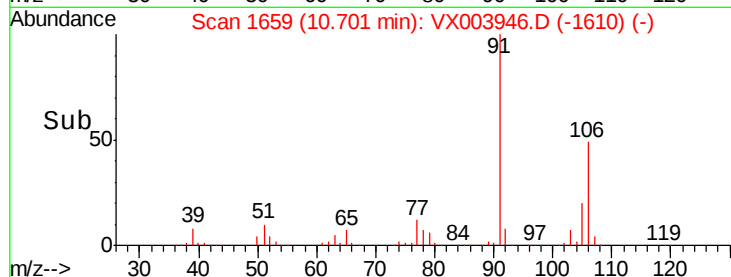
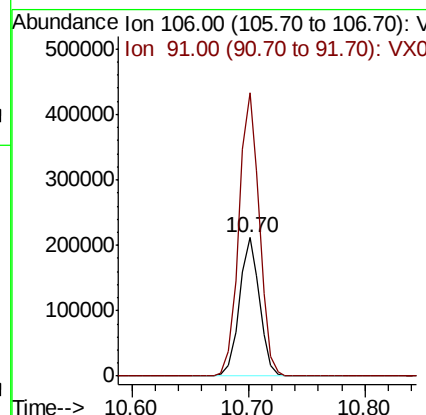
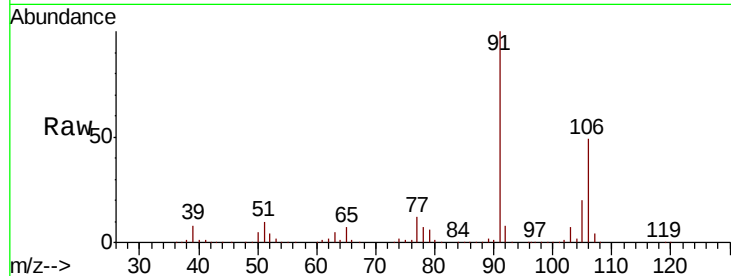




#69
o-Xylene
Concen: 33.67 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003946.D
Acq: 09 Aug 2018 13:17

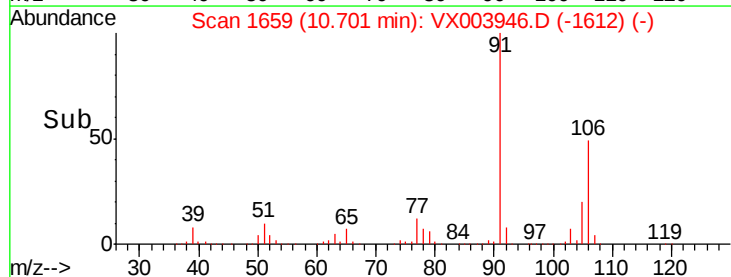
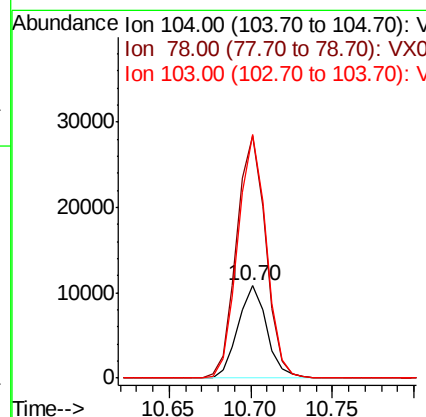
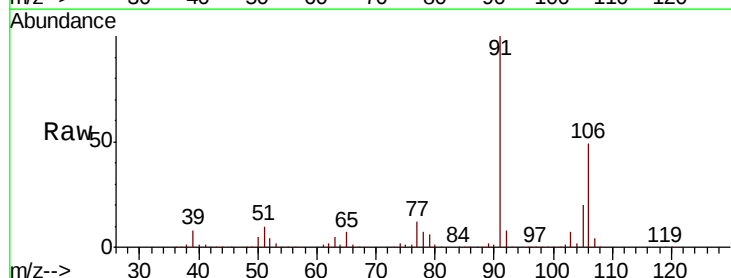
Instrument :
MSVOA_X
ClientSampled :
FL-0558DL

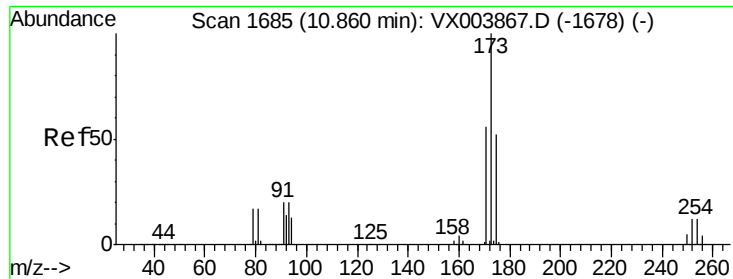
Tot Ion:106 Resp: 255127
Ion Ratio Lower Upper
106 100
91 207.8 101.9 305.7



#70
Styrene
Concen: 1.08 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX003946.D
Acq: 09 Aug 2018 13:17

Tgt Ion:104 Resp: 13420
Ion Ratio Lower Upper
104 100
78 265.4 39.8 59.6#
103 259.0 44.3 66.5#





#71

Bromoform

Concen: 2.93 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003946.D

Acq: 09 Aug 2018 13:17

Instrument :

MSVOA_X

ClientSampled :

FL-0558DL

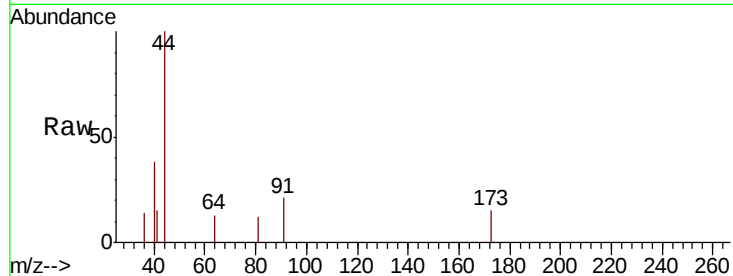
Tot Ion:173 Resp: 49

Ion Ratio Lower Upper

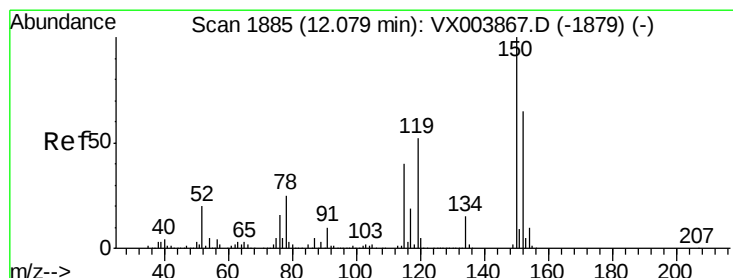
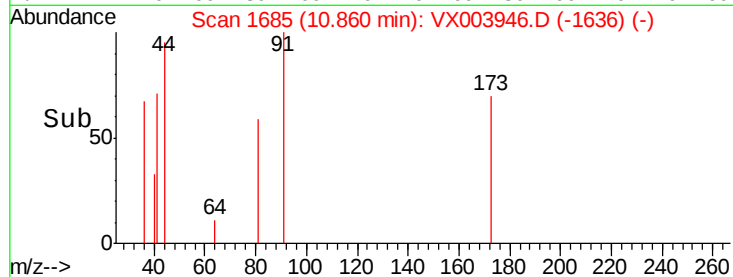
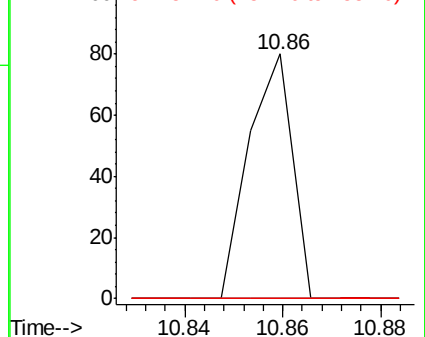
173 100

175 0.0 24.9 74.7#

254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX003946.D

Acq: 09 Aug 2018 13:17

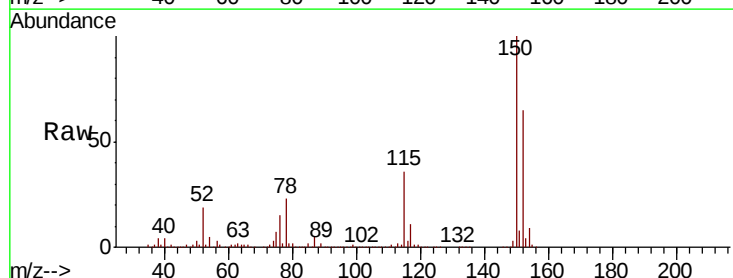
Tgt Ion:152 Resp: 274863

Ion Ratio Lower Upper

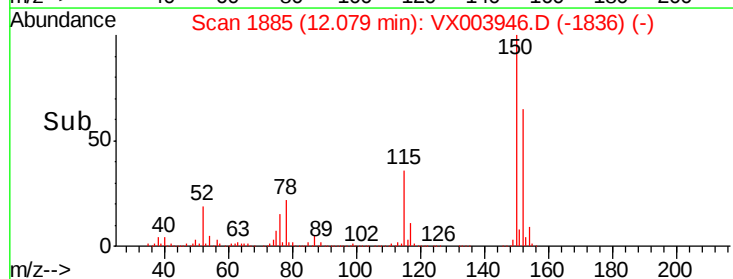
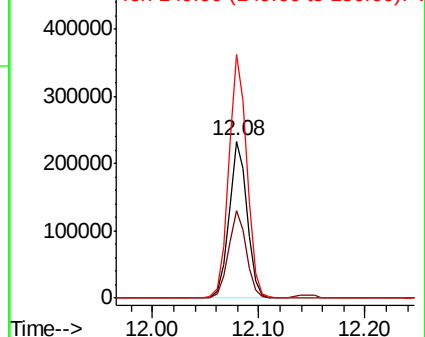
152 100

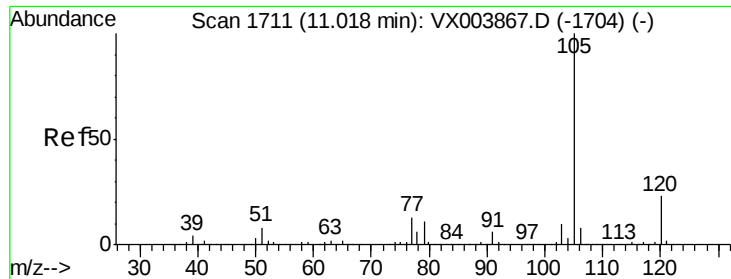
115 54.9 39.1 117.3

150 156.1 0.0 349.2



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





#73

Isopropylbenzene

Concen: 2.54 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.00 min

Lab File: VX003946.D

Acq: 09 Aug 2018 13:17

Instrument :

MSVOA_X

ClientSampled :

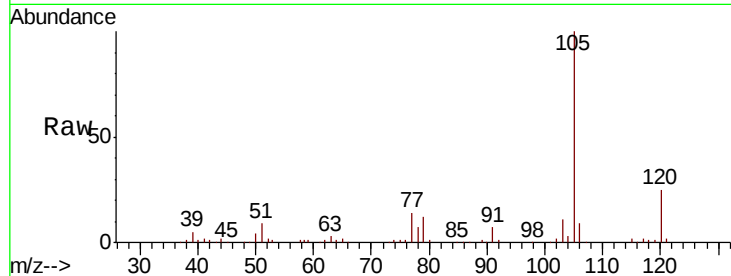
FL-0558DL

Tot Ion:105 Resp: 51704

Ion Ratio Lower Upper

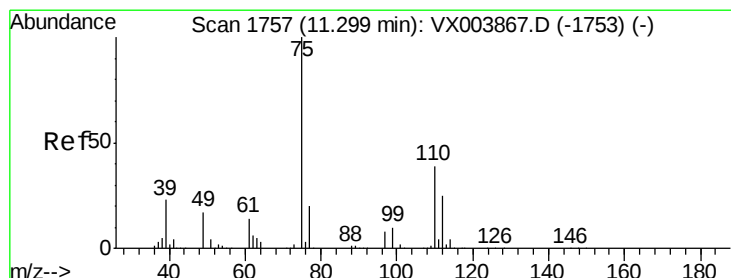
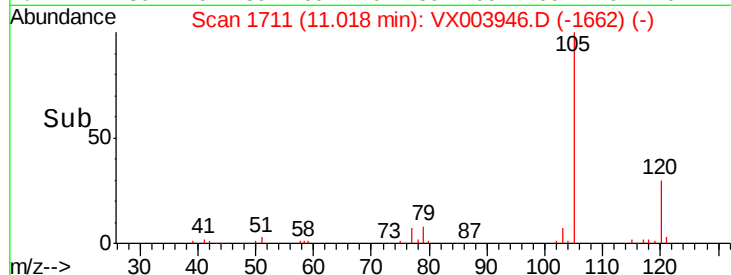
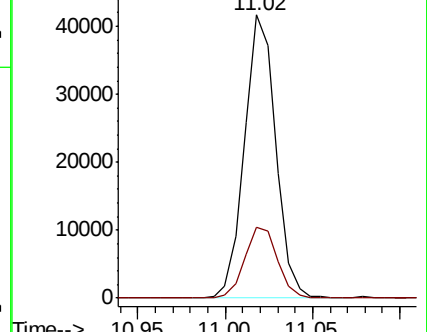
105 100

120 26.2 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

1,2,3-Trichloropropane

Concen: 21.35 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX003946.D

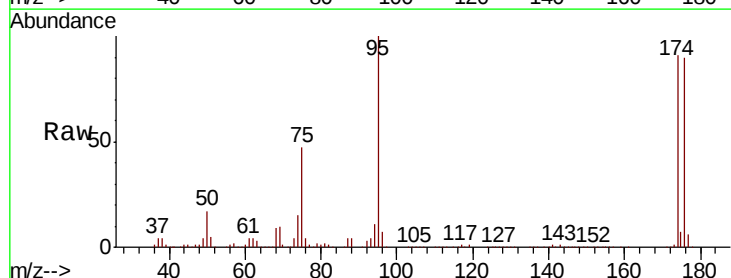
Acq: 09 Aug 2018 13:17

Tgt Ion: 75 Resp: 129622

Ion Ratio Lower Upper

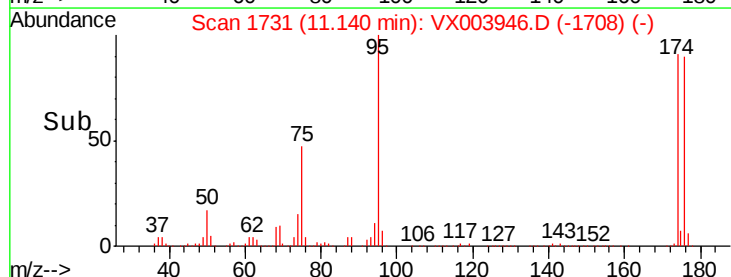
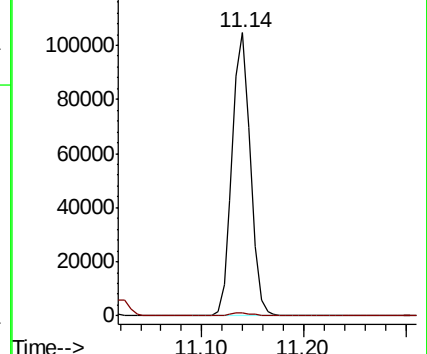
75 100

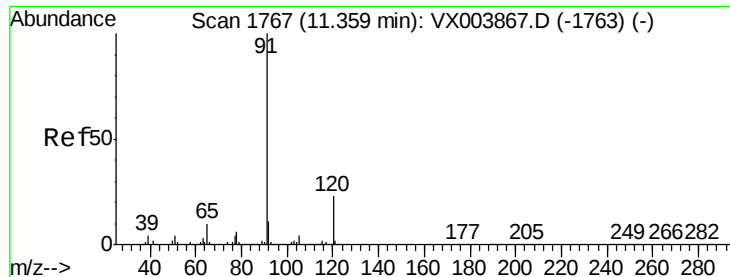
77 1.3 20.8 62.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 3.06 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VX003946.D

Acq: 09 Aug 2018 13:17

Instrument :

MSVOA_X

ClientSampleId :

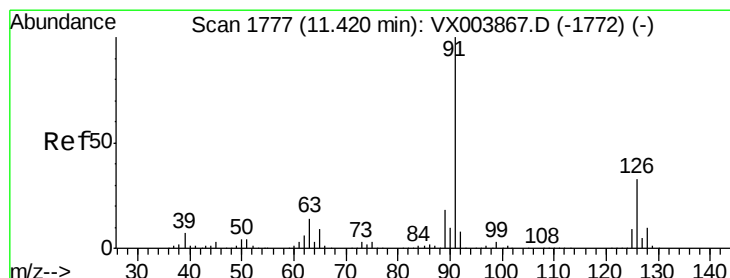
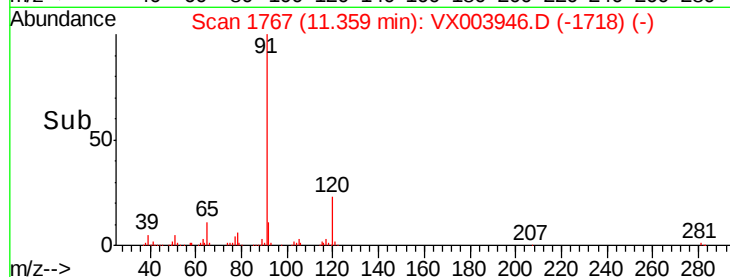
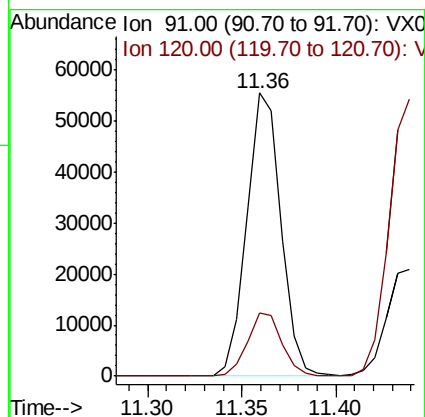
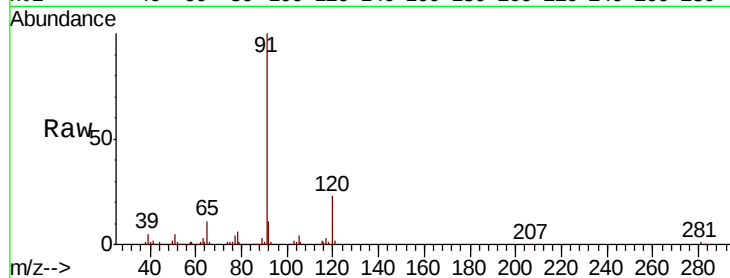
FL-0558DL

Tot Ion: 91 Resp: 69796

Ion Ratio Lower Upper

91 100

120 22.4 11.9 35.5



#79

2-Chlorotoluene

Concen: 2.89 ug/l

RT: 11.44 min Scan# 1780

Delta R.T. 0.02 min

Lab File: VX003946.D

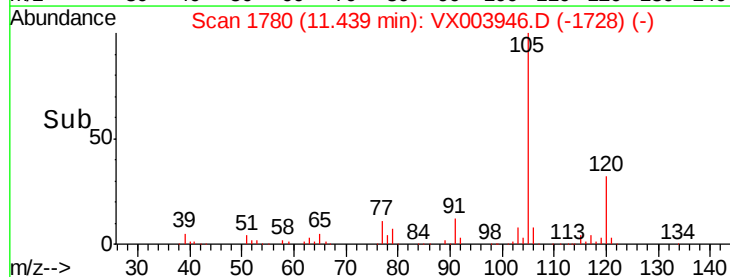
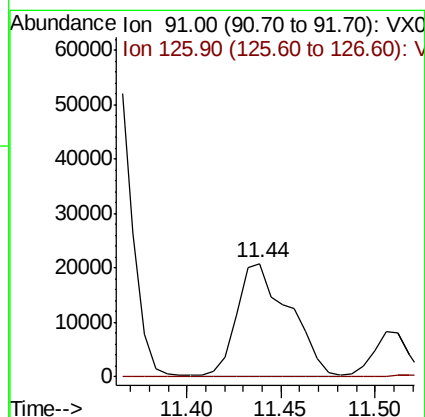
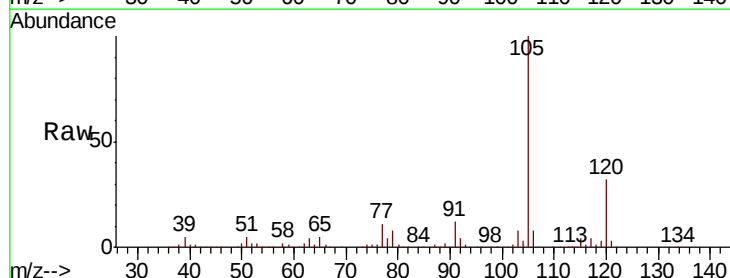
Acq: 09 Aug 2018 13:17

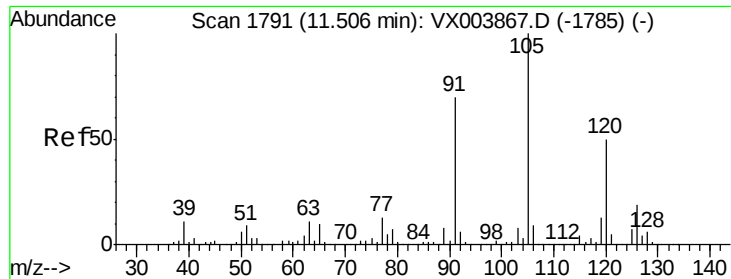
Tgt Ion: 91 Resp: 40273

Ion Ratio Lower Upper

91 100

126 0.6 17.4 52.3#

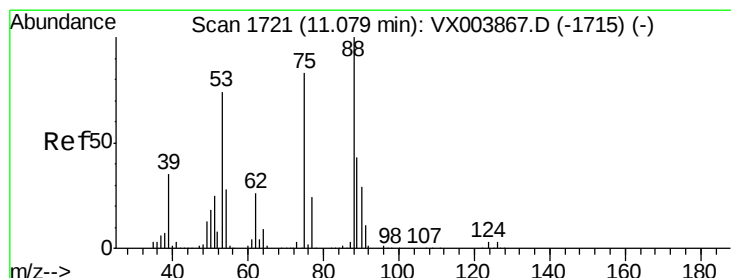
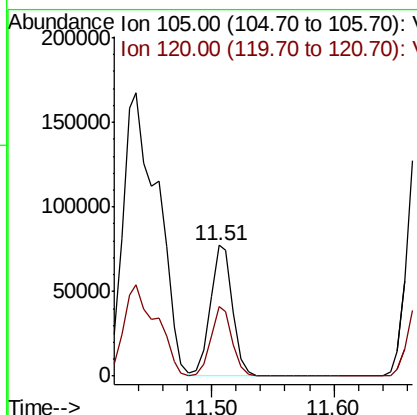
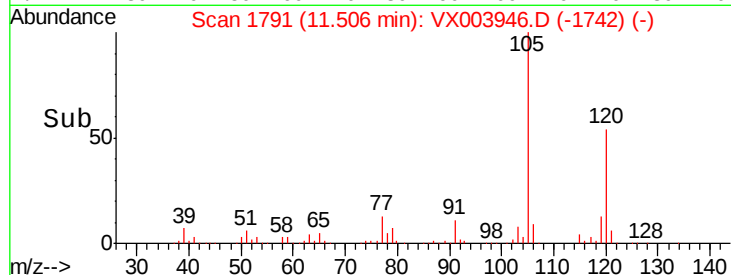
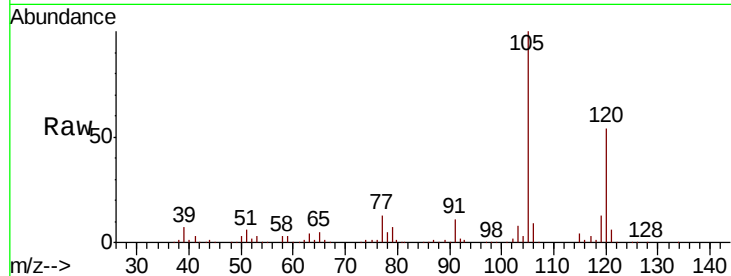




#80
 1,3,5-Trimethylbenzene
 Concen: 5.95 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX003946.D
 Acq: 09 Aug 2018 13:17

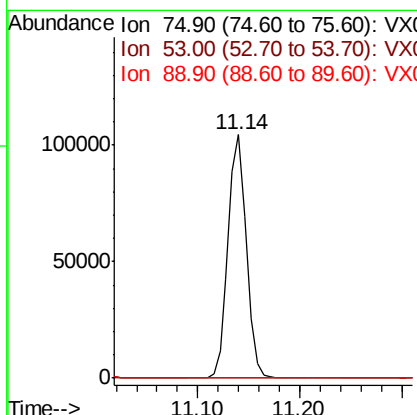
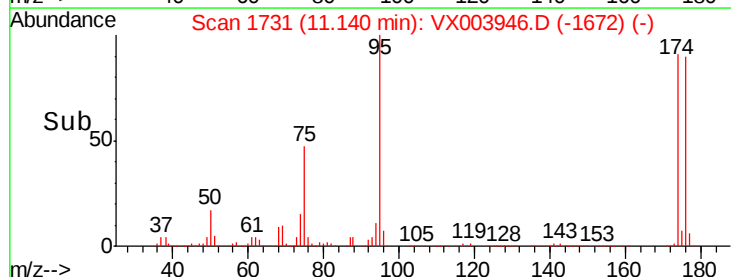
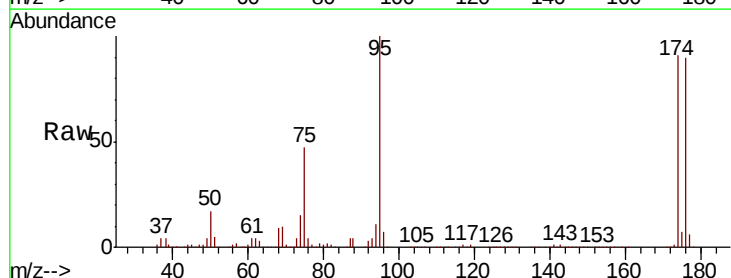
Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0558DL

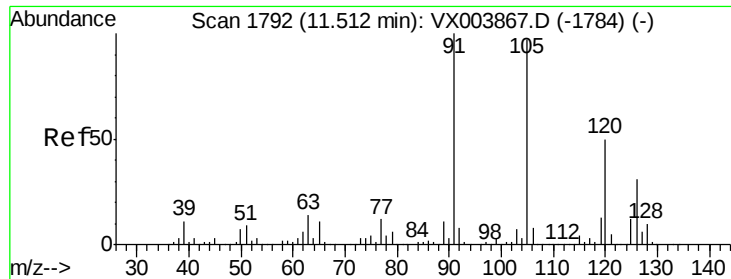
Tot Ion:105 Resp: 98587
 Ion Ratio Lower Upper
 105 100
 120 50.6 25.4 76.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 57.72 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX003946.D
 Acq: 09 Aug 2018 13:17

Tgt Ion: 75 Resp: 129622
 Ion Ratio Lower Upper
 75 100
 53 0.0 80.3 120.5#
 89 0.0 37.8 56.8#

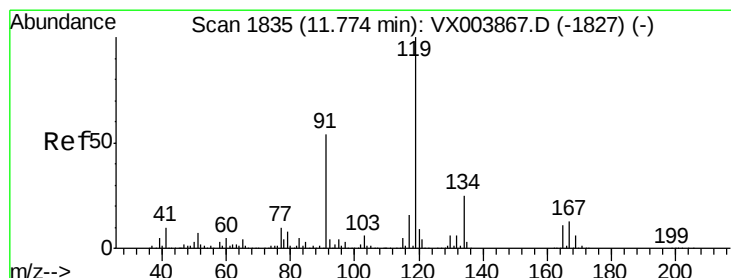
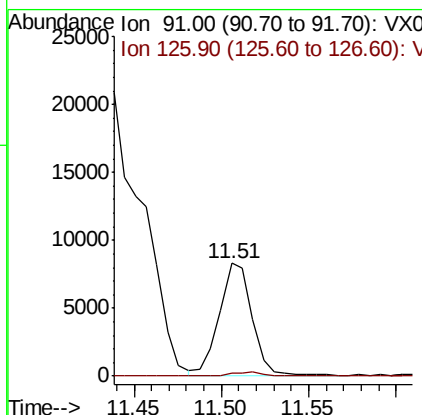
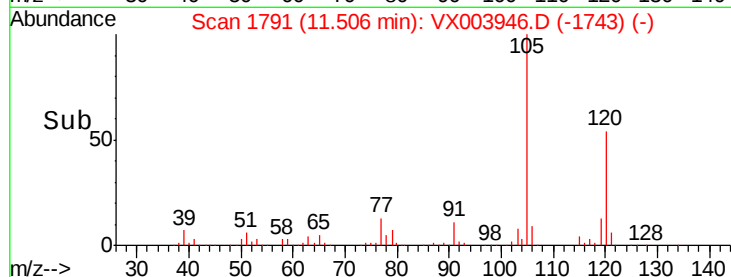
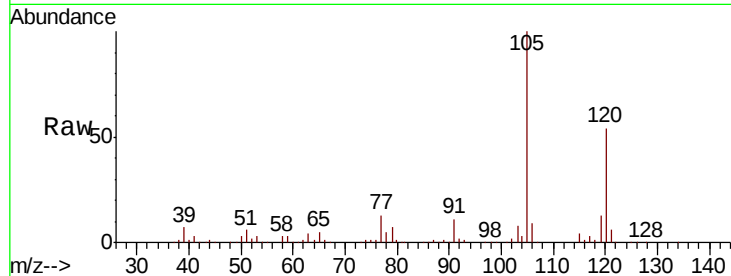




#82
4-Chlorotoluene
Concen: 0.66 ug/l
RT: 11.51 min Scan# 1791
Delta R.T. -0.01 min
Lab File: VX003946.D
Acq: 09 Aug 2018 13:17

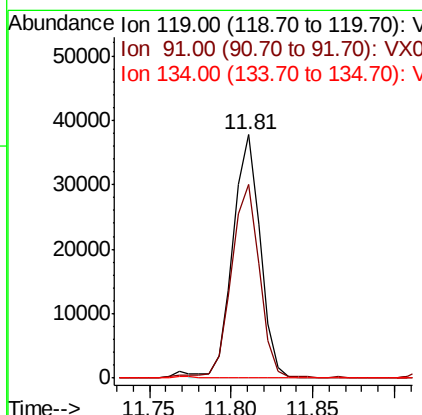
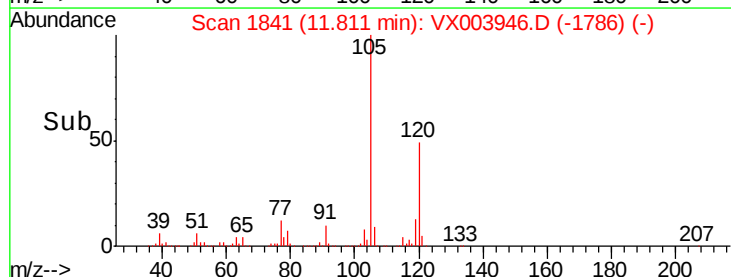
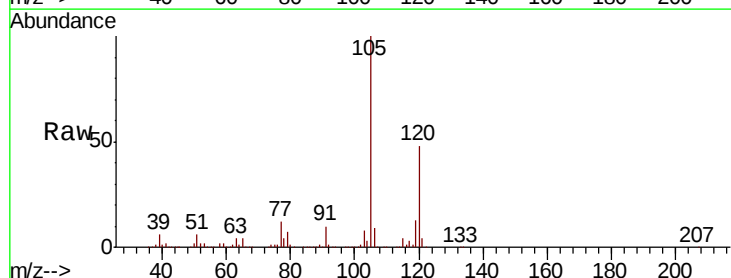
Instrument :
MSVOA_X
ClientSampleId :
FL-0558DL

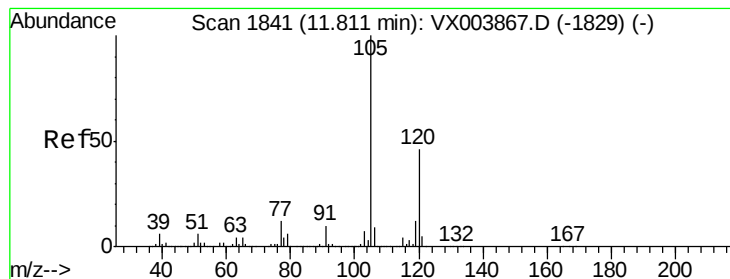
Tot Ion: 91 Resp: 10785
Ion Ratio Lower Upper
91 100
126 2.9 15.6 46.7#



#83
tert-Butylbenzene
Concen: 2.71 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.04 min
Lab File: VX003946.D
Acq: 09 Aug 2018 13:17

Tgt Ion: 119 Resp: 44216
Ion Ratio Lower Upper
119 100
91 81.3 26.9 80.7#
134 0.6 12.0 36.0#





#84

1,2,4-Trimethylbenzene

Concen: 21.42 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX003946.D

Acq: 09 Aug 2018 13:17

Instrument :

MSVOA_X

ClientSampleId :

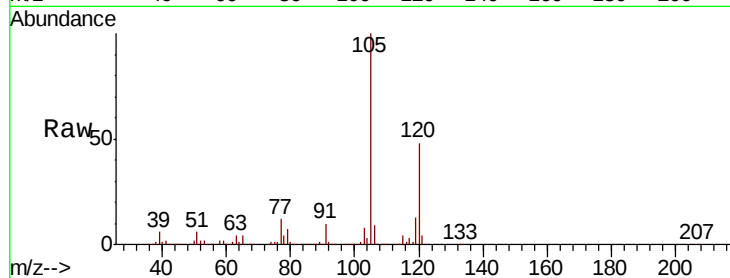
FL-0558DL

Tot Ion:105 Resp: 357088

Ion Ratio Lower Upper

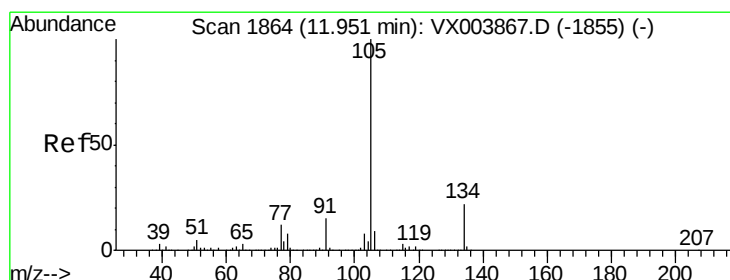
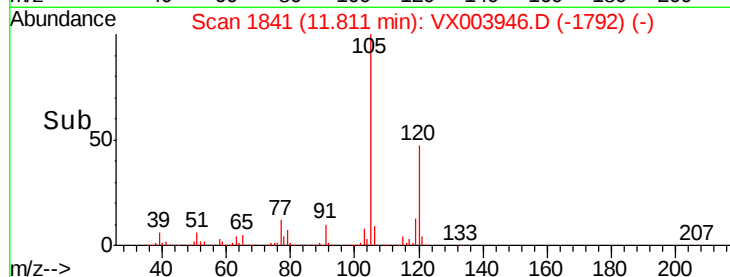
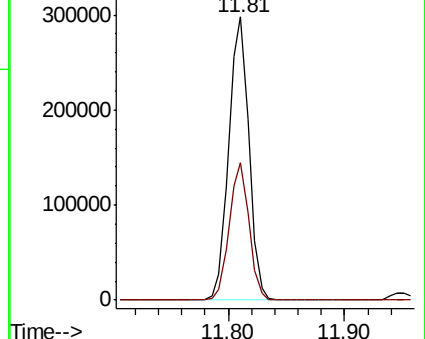
105 100

120 47.5 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 18.54 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.14 min

Lab File: VX003946.D

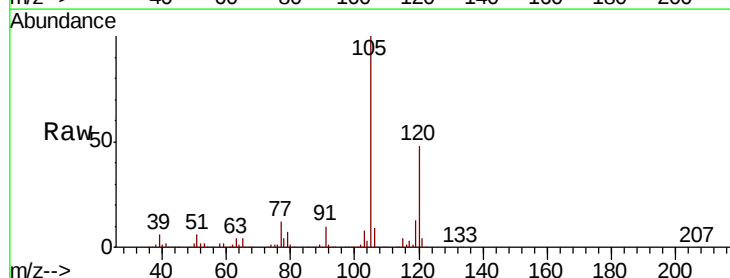
Acq: 09 Aug 2018 13:17

Tgt Ion:105 Resp: 356827

Ion Ratio Lower Upper

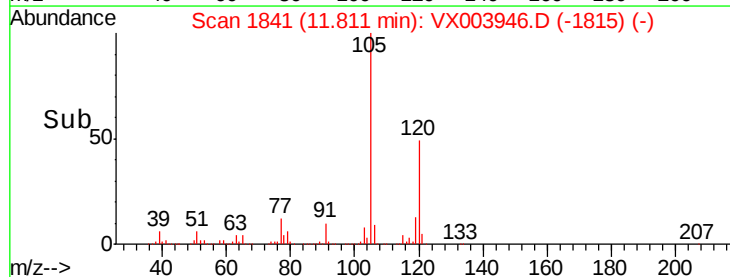
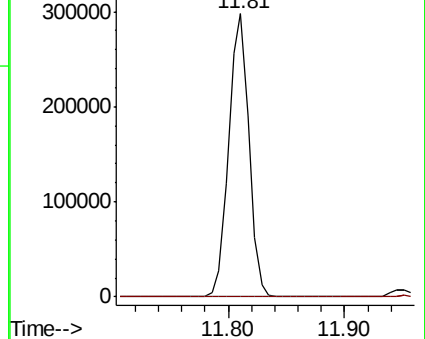
105 100

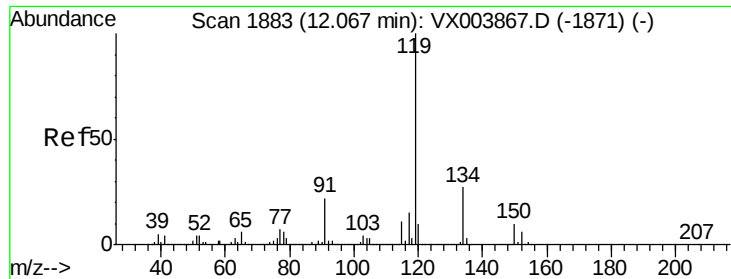
134 0.1 10.3 30.9#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

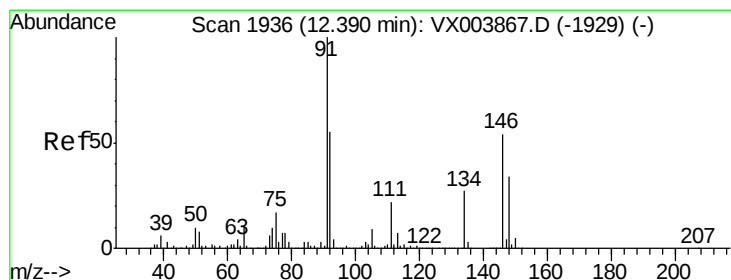
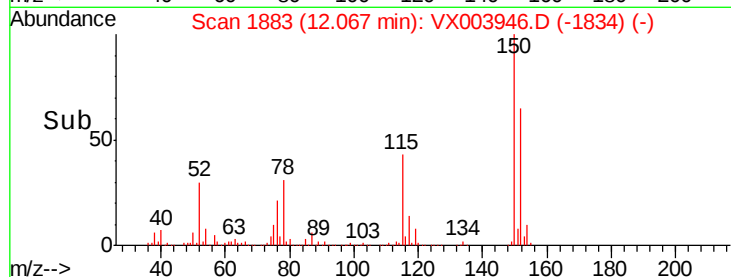
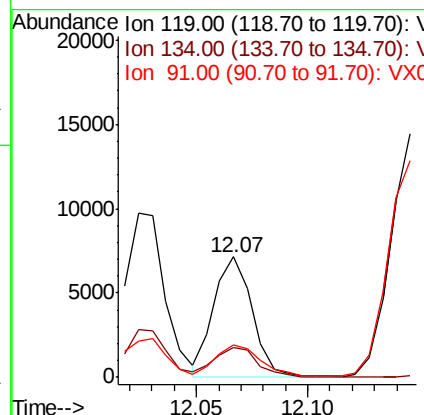
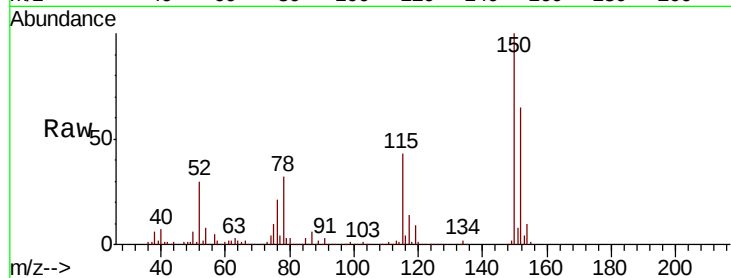




#86
p-Isopropyltoluene
Concen: 0.50 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. -0.00 min
Lab File: VX003946.D
Acq: 09 Aug 2018 13:17

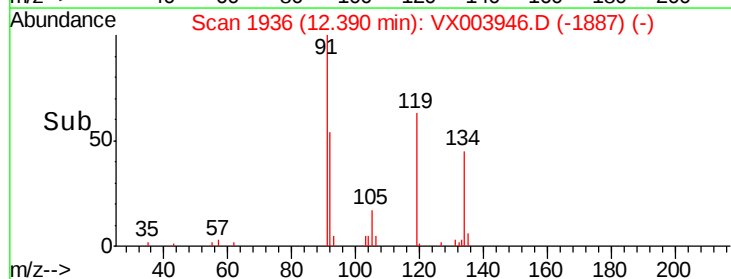
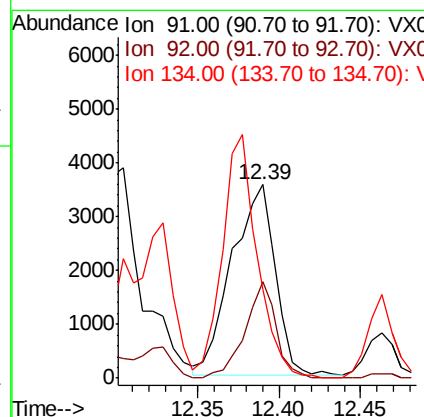
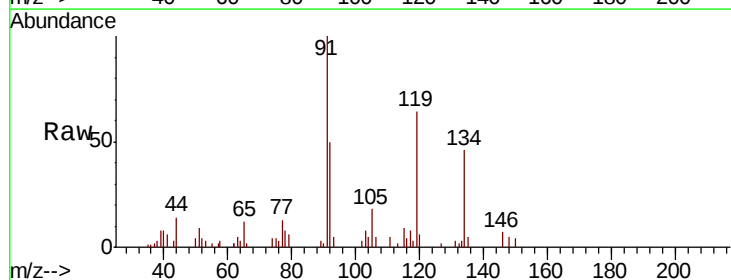
Instrument :
MSVOA_X
ClientSampled :
FL-0558DL

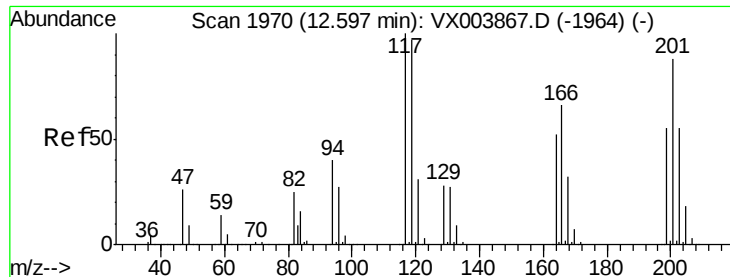
Tot Ion	Ratio	Lower	Upper
119	100		
134	28.1	13.3	39.8
91	31.7	10.9	32.7



#89
n-Butylbenzene
Concen: 0.43 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX003946.D
Acq: 09 Aug 2018 13:17

Tgt Ion	Ratio	Lower	Upper
91	100		
92	36.5	27.1	81.3
134	103.2	13.6	40.7#





#90

Hexachloroethane

Concen: 0.44 ug/l

RT: 12.59 min Scan# 1969

Delta R.T. -0.01 min

Lab File: VX003946.D

Acq: 09 Aug 2018 13:17

Instrument :

MSVOA_X

ClientSampleId :

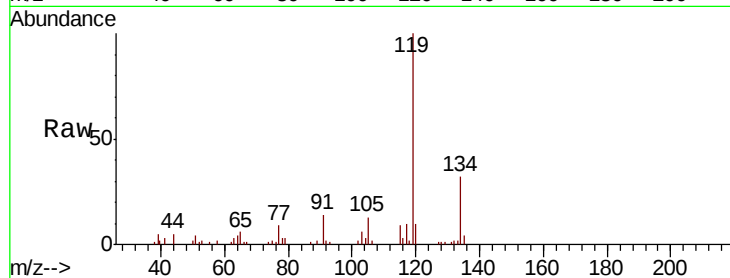
FL-0558DL

Tot Ion:117 Resp: 1232

Ion Ratio Lower Upper

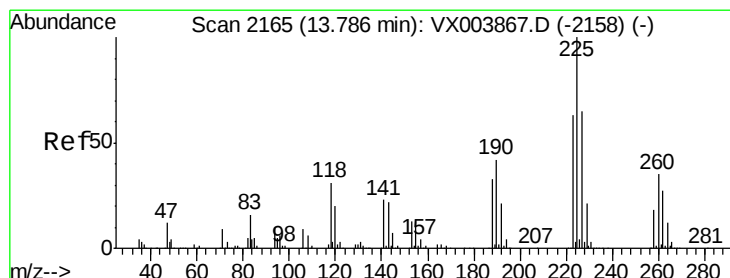
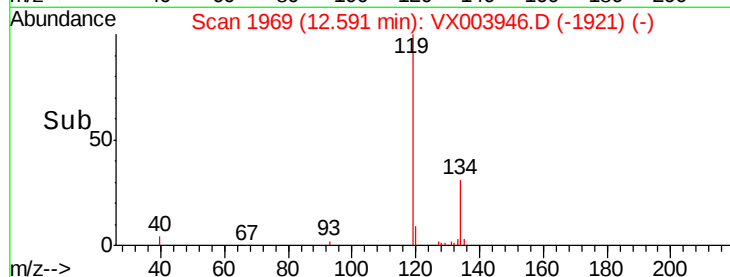
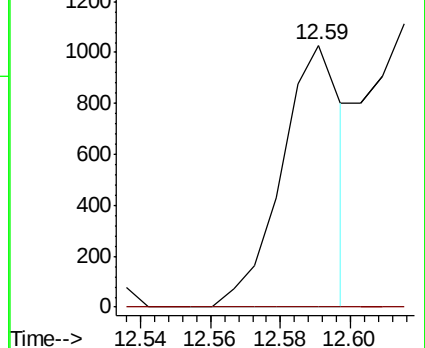
117 100

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



#94

Hexachlorobutadiene

Concen: 0.53 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VX003946.D

Acq: 09 Aug 2018 13:17

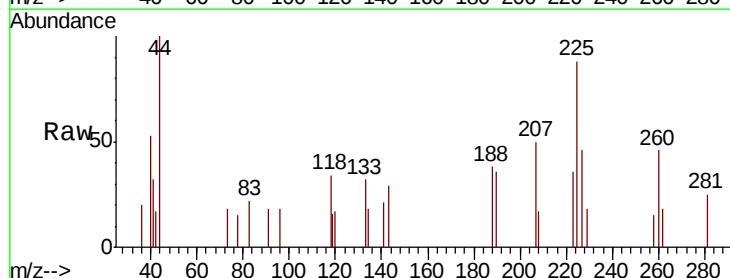
Tgt Ion:225 Resp: 325

Ion Ratio Lower Upper

225 100

223 73.8 31.4 94.0

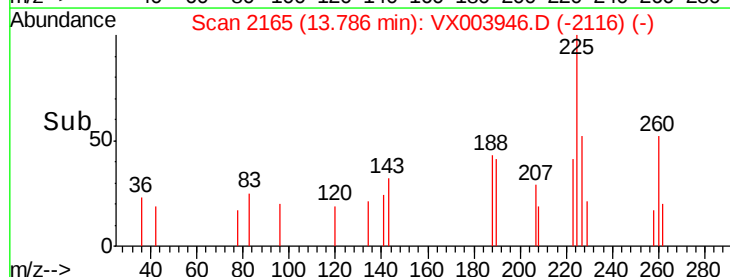
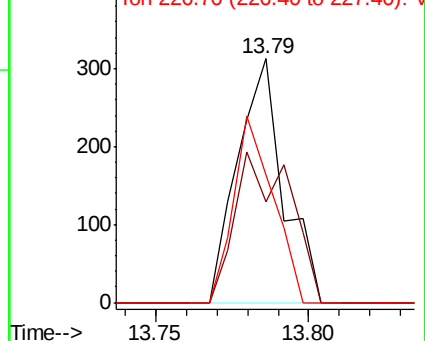
227 65.5 32.1 96.5

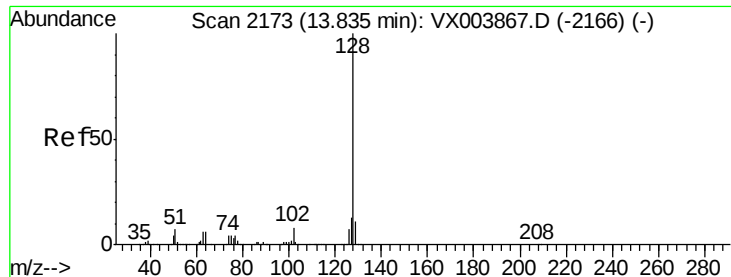


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

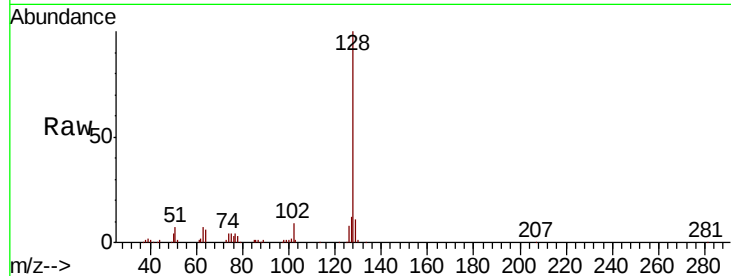




#95
Naphthalene
Concen: 2.25 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. -0.00 min
Lab File: VX003946.D
Acq: 09 Aug 2018 13:17

Instrument :
MSVOA_X
ClientSampleId :
FL-0558DL

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.2
129	11.0	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

