

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080518\
 Data File : VX003862.D
 Acq On : 03 Aug 2018 21:22
 Operator : JC/MD
 Sample : J4263-11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0519

Quant Time: Aug 04 00:51:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080318W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 03 01:55:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	81972	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	118363	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	111018	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	63617	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	48979	45.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.60%	
35) Dibromofluoromethane	5.51	113	43049	46.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.58%	
50) Toluene-d8	8.72	98	171638	48.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.32%	
62) 4-Bromofluorobenzene	11.14	95	60350	46.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.74%	

Target Compounds

						Qvalue
3) Chloromethane	1.32	50	391	Below Cal		93
5) Bromomethane	1.64	94	131	Below Cal	#	72
6) Chloroethane	1.50	64	5645	8.71	ug/l #	49
11) Tert butyl alcohol	3.07	59	178	0.76	ug/l #	72
13) Acrolein	2.40	56	446	2.27	ug/l #	68
14) Allyl chloride	2.62	41	792	0.52	ug/l #	81
15) Acrylonitrile	3.17	53	368	0.66	ug/l #	27
16) Acetone	2.45	43	891	1.57	ug/l	90
18) Methyl Acetate	2.84	43	3673	Below Cal	#	51
25) 2-Butanone	4.54	43	218	0.23	ug/l #	48
31) Cyclohexane	5.59	56	1487	1.08	ug/l #	77
36) 1,1-Dichloropropene	5.67	75	5055	4.01	ug/l #	47
38) Carbon Tetrachloride	5.67	117	7155	5.72	ug/l #	19
39) Methylcyclohexane	7.46	83	1913	1.38	ug/l #	86
40) Benzene	6.15	78	6762	1.72	ug/l	97
41) Methacrylonitrile	5.22	41	820	1.03	ug/l #	47
52) Toluene	8.79	92	510	0.21	ug/l	90
55) 1,1,2-Trichloroethane	9.16	97	1908	1.85	ug/l #	20
56) Ethyl methacrylate	9.16	69	452	0.31	ug/l #	1
67) Ethyl Benzene	10.26	91	243720	55.71	ug/l	99
68) m/p-Xylenes	10.36	106	95306	55.74	ug/l	99
69) o-Xylene	10.70	106	1562	0.95	ug/l	98
73) Isopropylbenzene	11.02	105	21538	5.28	ug/l	99
76) 1,2,3-Trichloropropane	11.14	75	28673	22.36	ug/l #	36
78) n-propylbenzene	11.36	91	37938	8.22	ug/l	98
79) 2-Chlorotoluene	11.46	91	8850	3.10	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.51	105	33511	9.79	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.14	75	28673	70.47	ug/l #	12
82) 4-Chlorotoluene	11.51	91	3538	1.07	ug/l #	43
83) tert-Butylbenzene	11.81	119	36764	10.68	ug/l #	59
84) 1,2,4-Trimethylbenzene	11.81	105	290923	82.17	ug/l	99
85) sec-Butylbenzene	11.81	105	290923	73.16	ug/l #	55
86) p-Isopropyltoluene	12.07	119	4536	1.26	ug/l	96
89) n-Butylbenzene	12.39	91	5746	1.86	ug/l #	25

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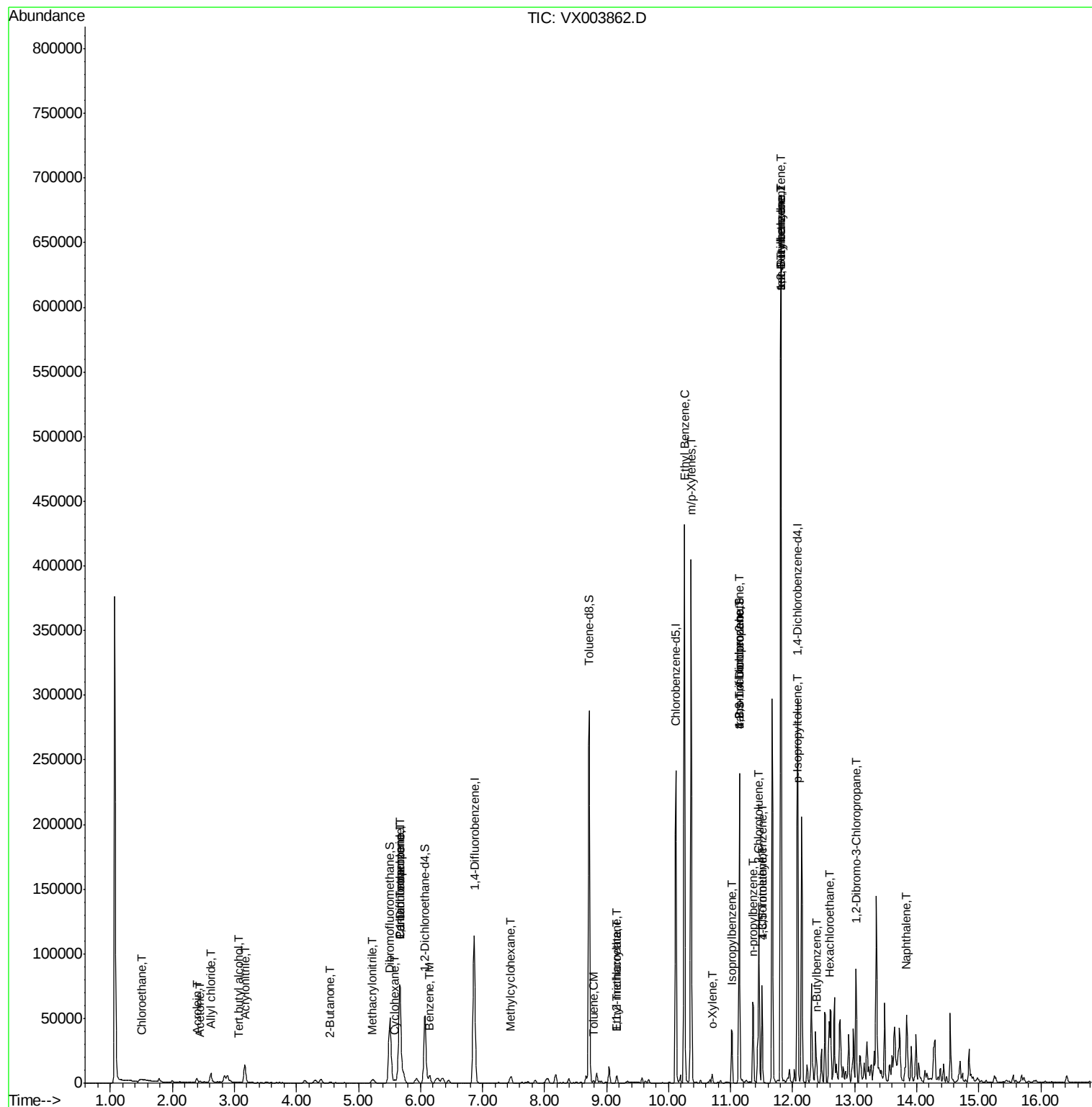
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	12.59	117	1962	3.36	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	13.02	75	256	0.78	ug/l #	1
95) Naphthalene	13.83	128	32527	7.13	ug/l #	95

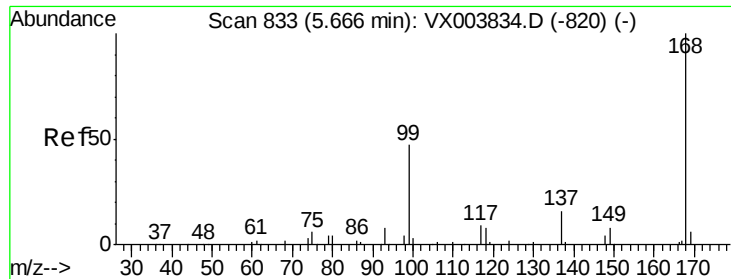
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003862.D

Acq: 03 Aug 2018 21:22

Instrument :

MSVOA_X

ClientSampleId :

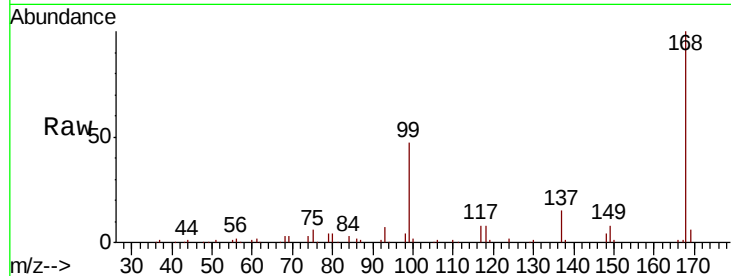
FL-0519

Tot Ion:168 Resp: 81972

Ion Ratio Lower Upper

168 100

99 46.8 38.1 57.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

30000

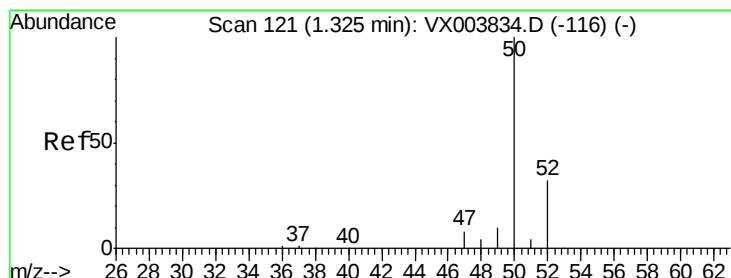
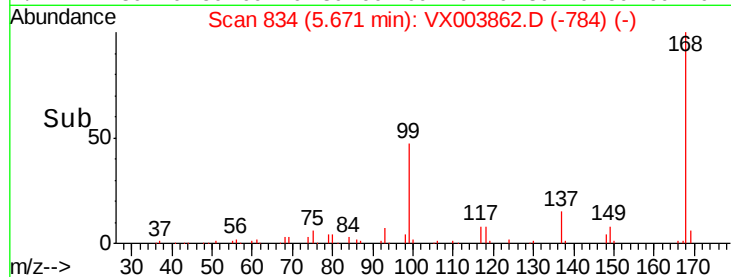
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: Below Cal

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003862.D

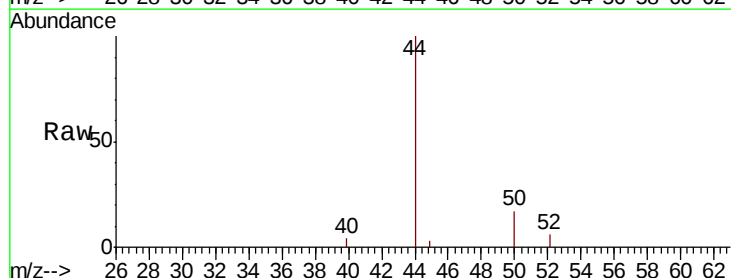
Acq: 03 Aug 2018 21:22

Tgt Ion: 50 Resp: 391

Ion Ratio Lower Upper

50 100

52 36.4 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

300

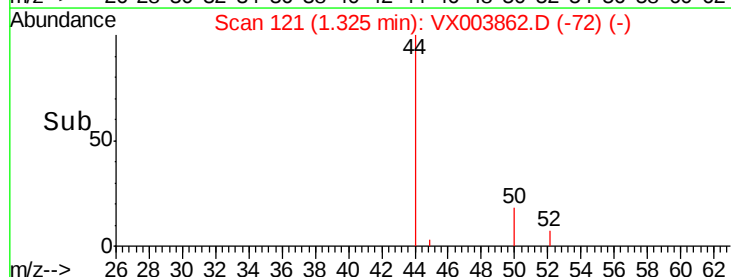
200

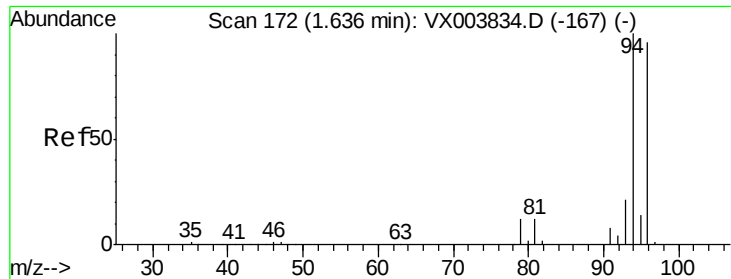
100

0

Time-->

1.30 1.35





#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX003862.D

Acq: 03 Aug 2018 21:22

Instrument :

MSVOA_X

ClientSampled :

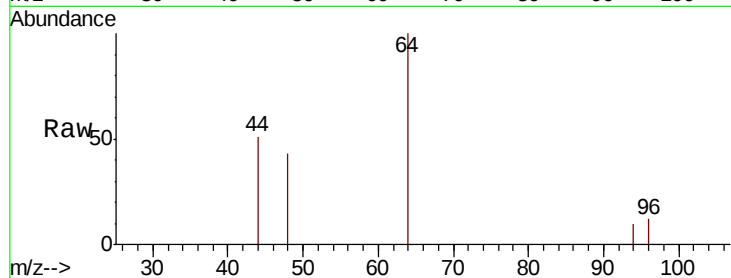
FL-0519

Tot Ion: 94 Resp: 131

Ion Ratio Lower Upper

94 100

96 123.8 76.9 115.3#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

120

100

80

60

40

20

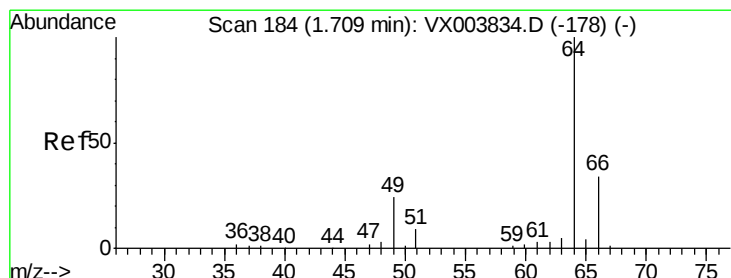
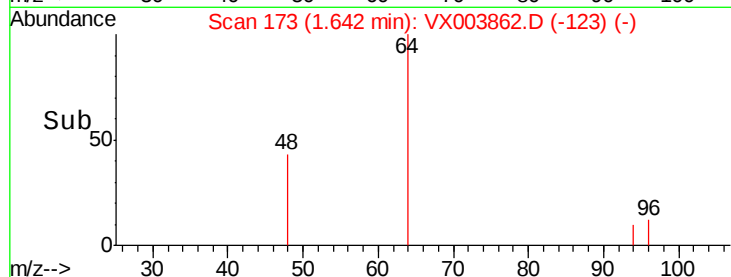
0

1.64

1.66

1.68

Time-->



#6

Chloroethane

Concen: 8.71 ug/l

RT: 1.50 min Scan# 150

Delta R.T. -0.21 min

Lab File: VX003862.D

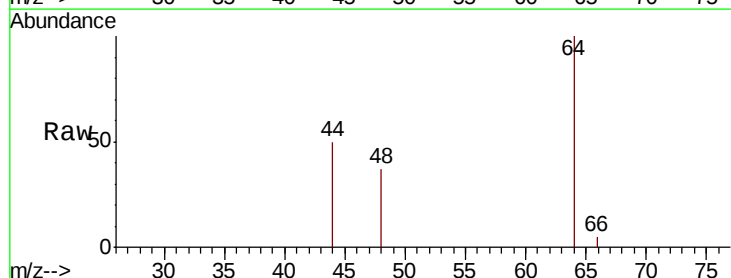
Acq: 03 Aug 2018 21:22

Tgt Ion: 64 Resp: 5645

Ion Ratio Lower Upper

64 100

66 4.6 27.2 40.8#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1500

1000

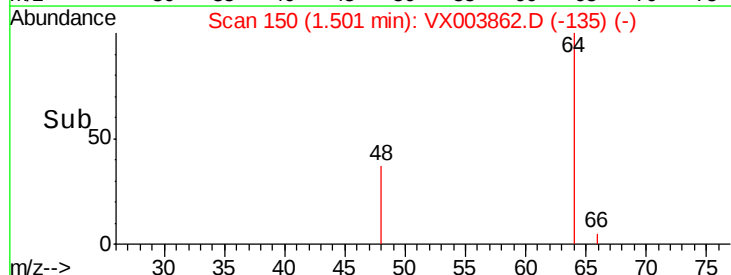
500

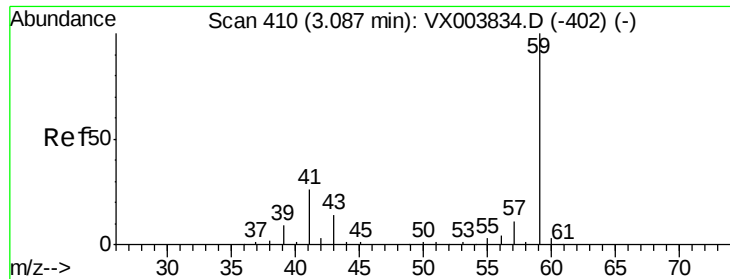
0

1.50

1.55

Time-->

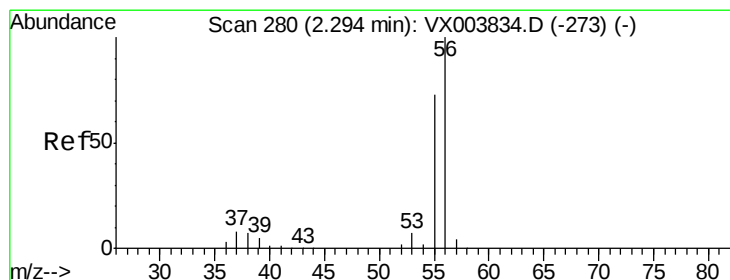
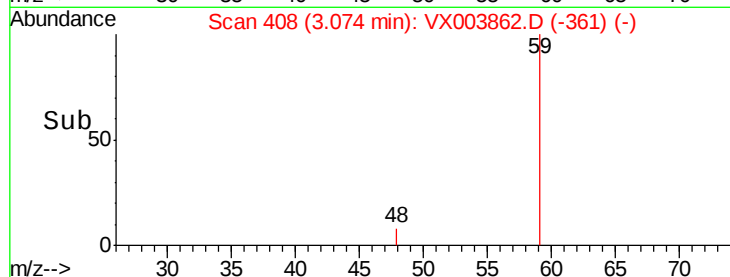
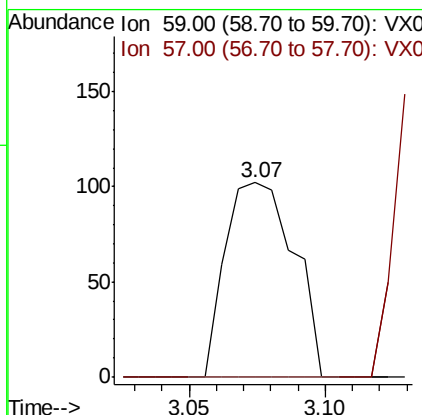
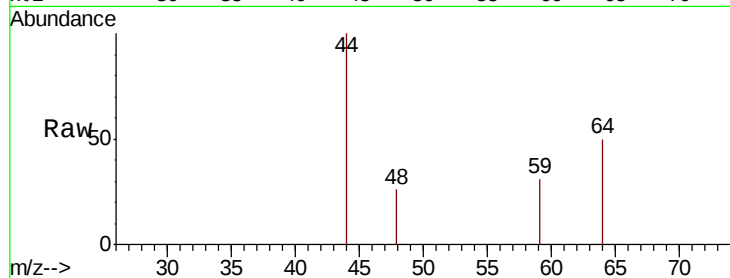




#11
Tert butvl alcohol
Concen: 0.76 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX003862.D
Acq: 03 Aug 2018 21:22

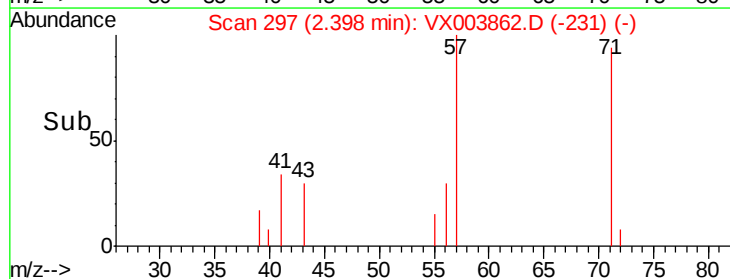
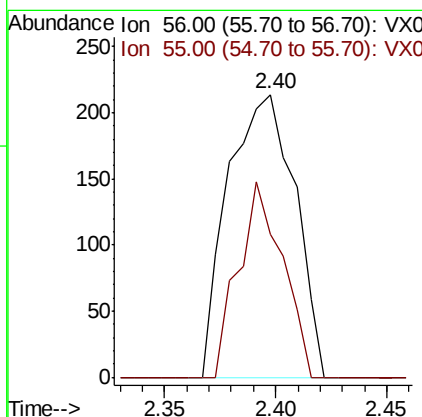
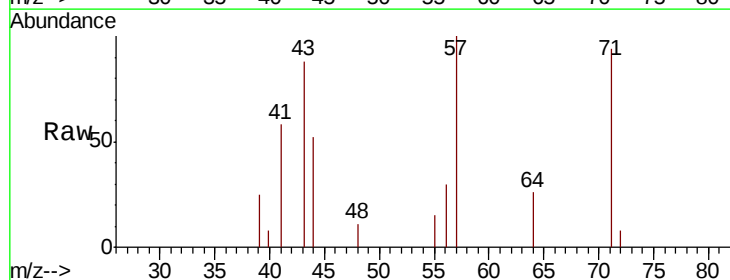
Instrument :
MSVOA_X
ClientSampled :
FL-0519

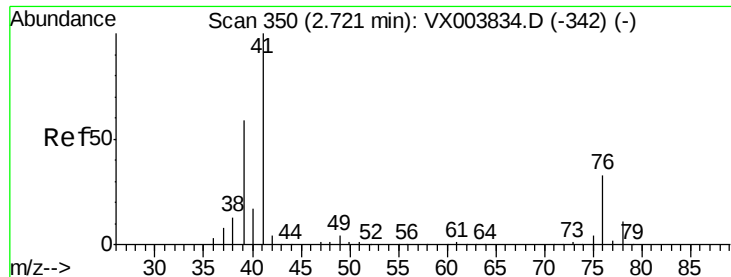
Tot Ion: 59 Resp: 178
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#13
Acrolein
Concen: 2.27 ug/l
RT: 2.40 min Scan# 297
Delta R.T. 0.10 min
Lab File: VX003862.D
Acq: 03 Aug 2018 21:22

Tgt Ion: 56 Resp: 446
Ion Ratio Lower Upper
56 100
55 45.5 57.7 86.5#





#14

Allvl chloride

Concen: 0.52 ug/l

RT: 2.62 min Scan# 333

Delta R.T. -0.10 min

Lab File: VX003862.D

Acq: 03 Aug 2018 21:22

Instrument :

MSVOA_X

ClientSampled :

FL-0519

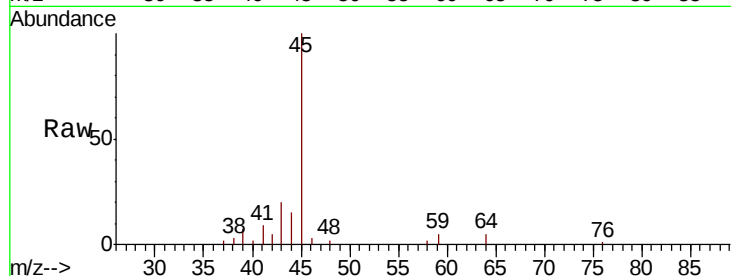
Tot Ion: 41 Resp: 792

Ion Ratio Lower Upper

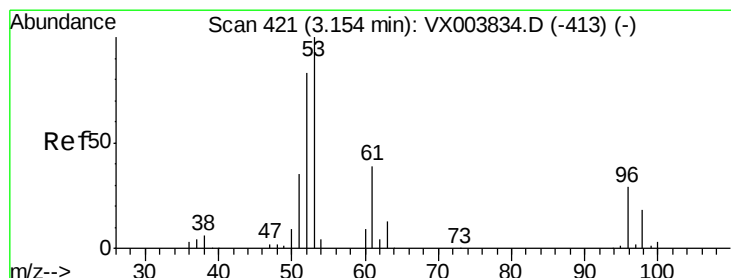
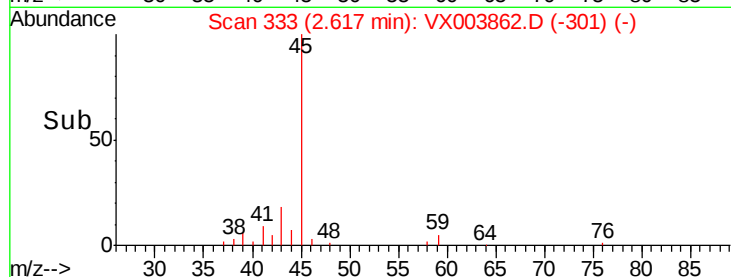
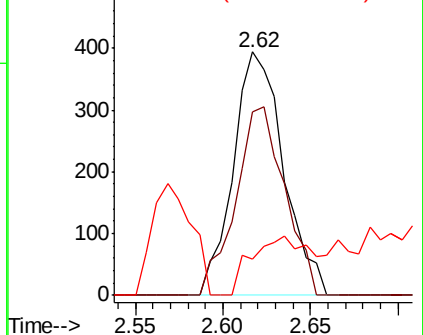
41 100

39 75.5 46.1 69.1#

76 27.8 26.8 40.2



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: 0.66 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.01 min

Lab File: VX003862.D

Acq: 03 Aug 2018 21:22

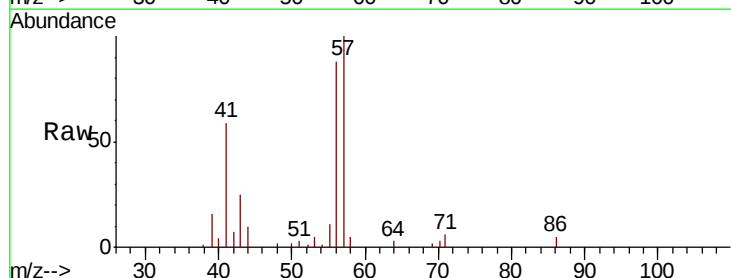
Tgt Ion: 53 Resp: 368

Ion Ratio Lower Upper

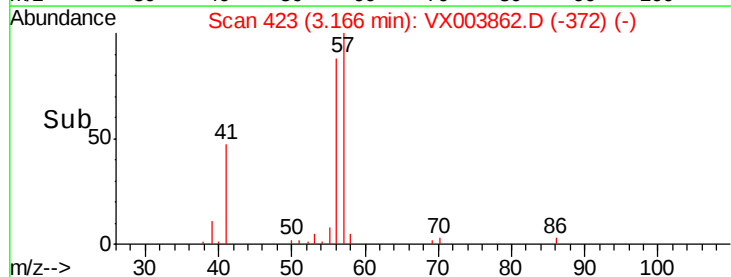
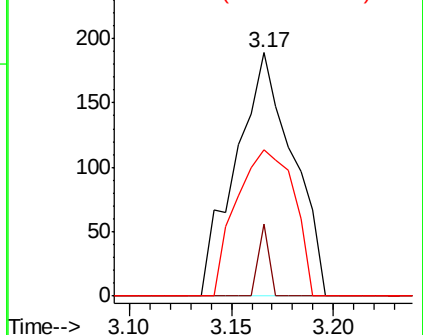
53 100

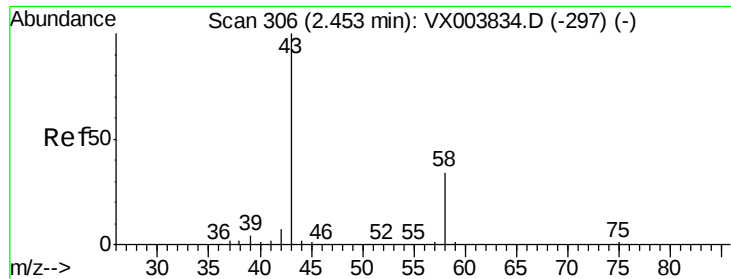
52 5.4 65.9 98.9#

51 60.6 28.6 43.0#



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: 1.57 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX003862.D

Acq: 03 Aug 2018 21:22

Instrument :

MSVOA_X

ClientSampled :

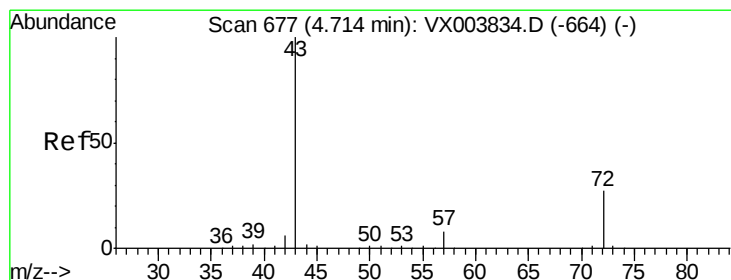
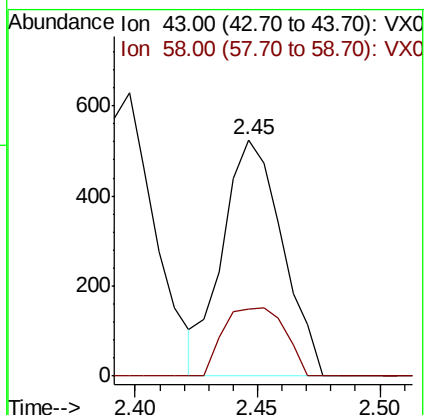
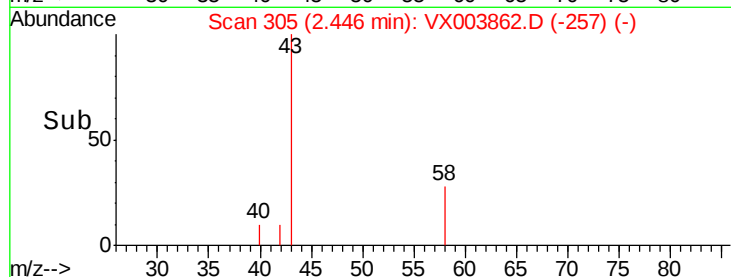
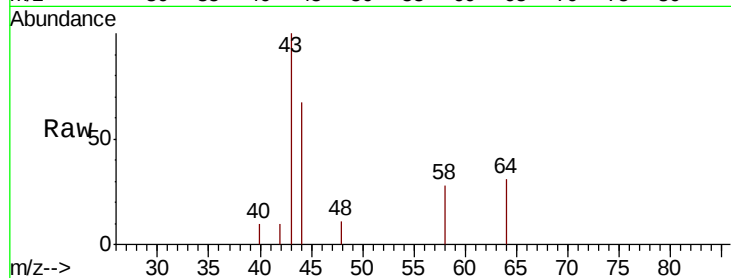
FL-0519

Tot Ion: 43 Resp: 891

Ion Ratio Lower Upper

43 100

58 28.2 27.0 40.4



#25

2-Butanone

Concen: 0.23 ug/l

RT: 4.54 min Scan# 649

Delta R.T. -0.17 min

Lab File: VX003862.D

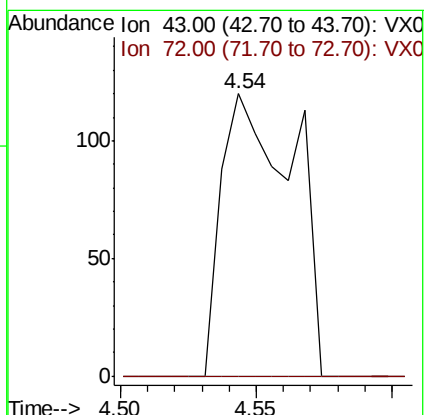
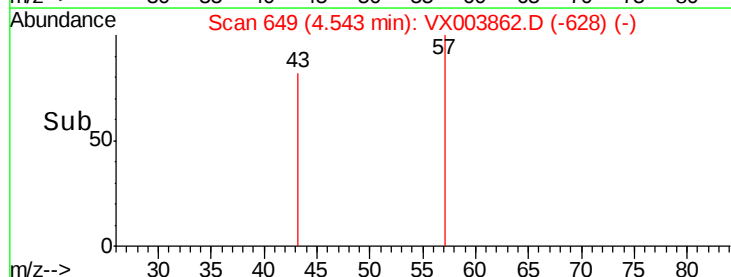
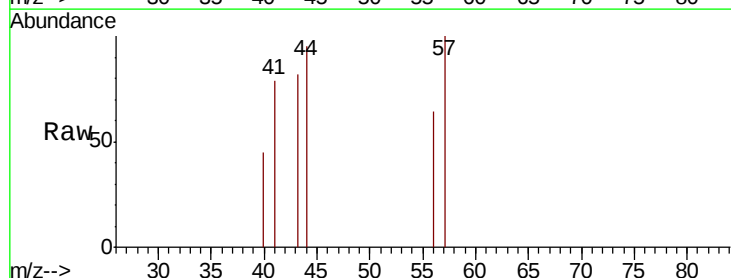
Acq: 03 Aug 2018 21:22

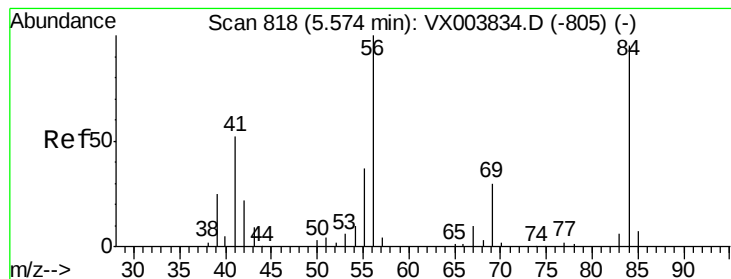
Tgt Ion: 43 Resp: 218

Ion Ratio Lower Upper

43 100

72 0.0 21.5 32.3#





#31

Cyclohexane

Concen: 1.08 ug/l

RT: 5.59 min Scan# 820

Delta R.T. 0.01 min

Lab File: VX003862.D

Acq: 03 Aug 2018 21:22

Instrument :

MSVOA_X

ClientSampleId :

FL-0519

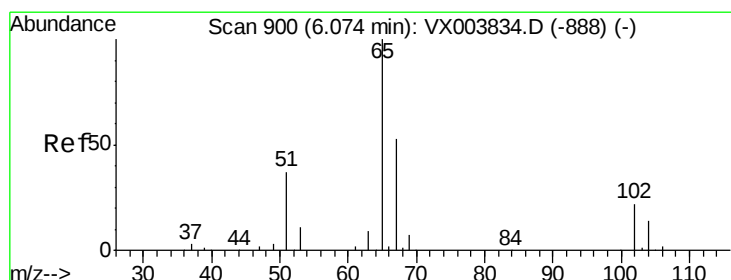
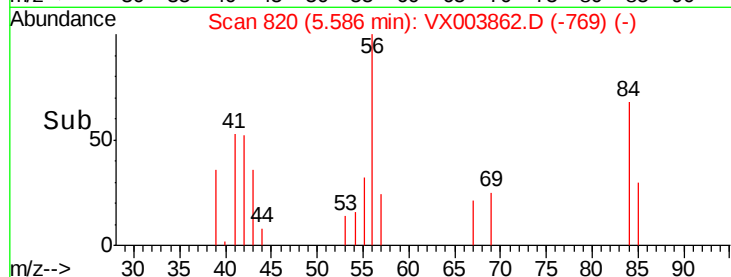
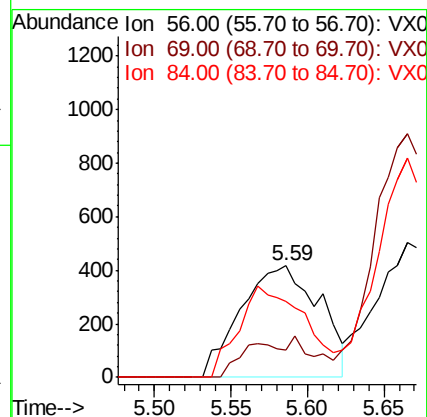
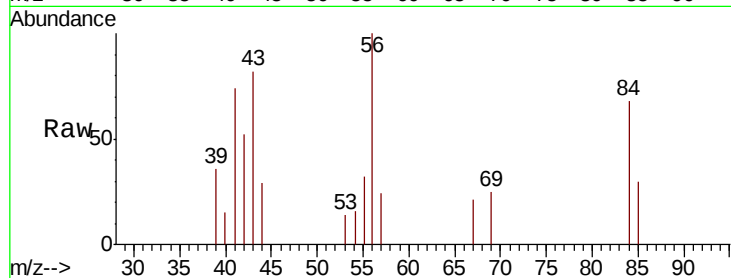
Tot Ion: 56 Resp: 1487

Ion Ratio Lower Upper

56 100

69 25.0 23.7 35.5

84 67.8 75.7 113.5#



#33

1,2-Dichloroethane-d4

Concen: 45.30 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX003862.D

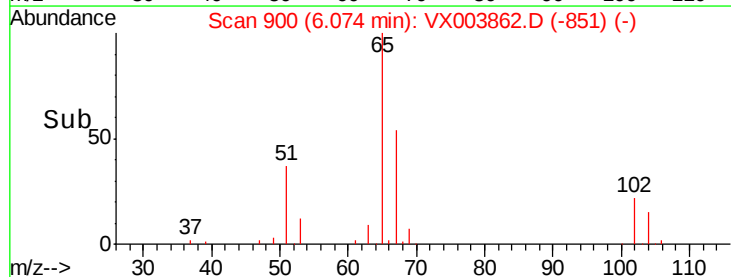
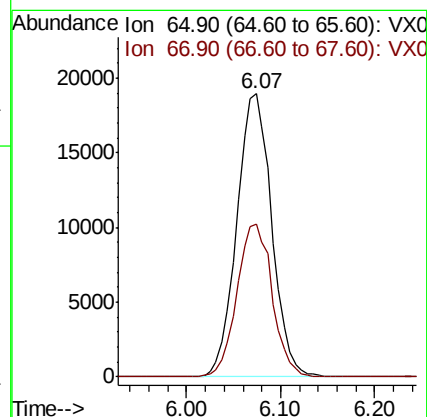
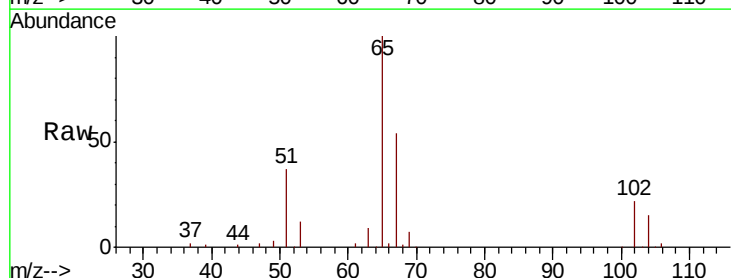
Acq: 03 Aug 2018 21:22

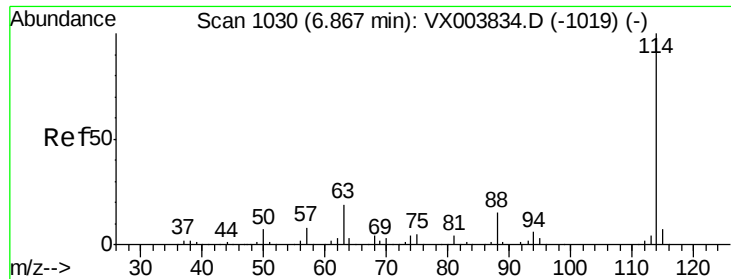
Tgt Ion: 65 Resp: 48979

Ion Ratio Lower Upper

65 100

67 54.5 0.0 107.2

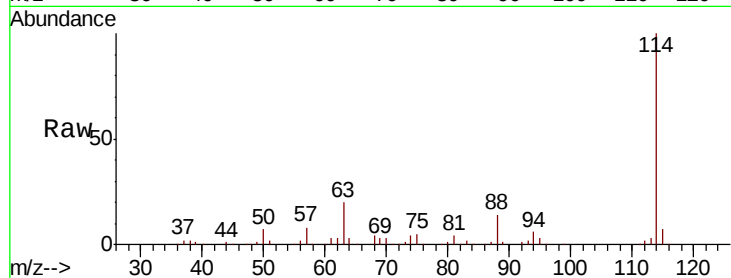




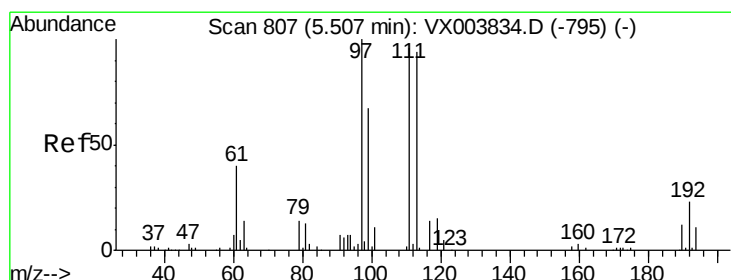
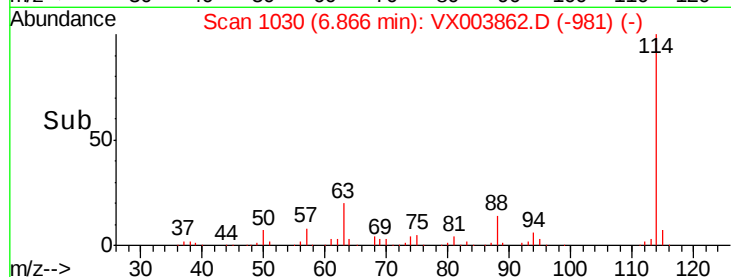
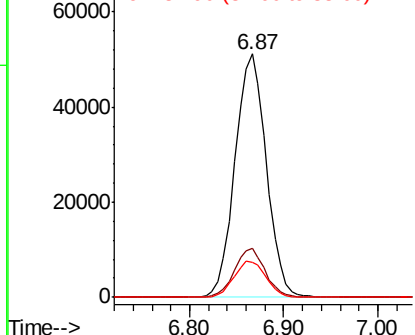
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003862.D
 Acq: 03 Aug 2018 21:22

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0519

Tot Ion:114 Resp: 118363
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 38.2
 88 14.5 0.0 29.6

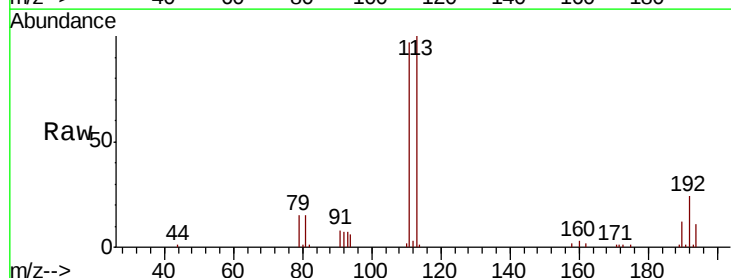


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

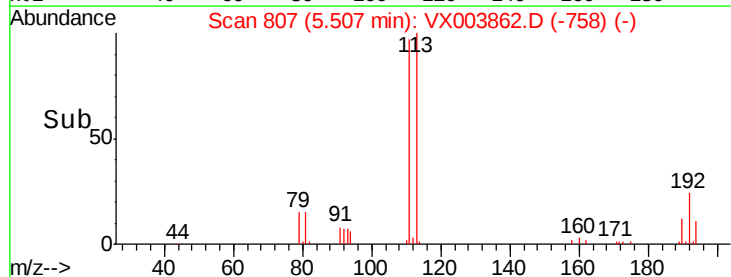
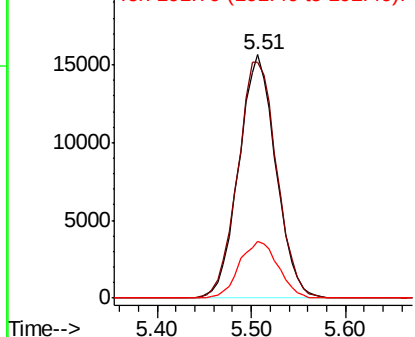


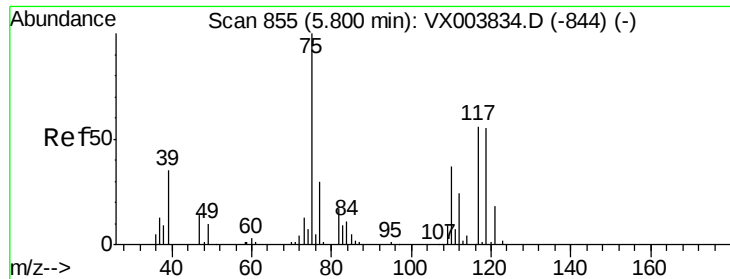
#35
 Dibromofluoromethane
 Concen: 46.29 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX003862.D
 Acq: 03 Aug 2018 21:22

Tgt Ion:113 Resp: 43049
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.1 121.7
 192 24.4 19.7 29.5



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

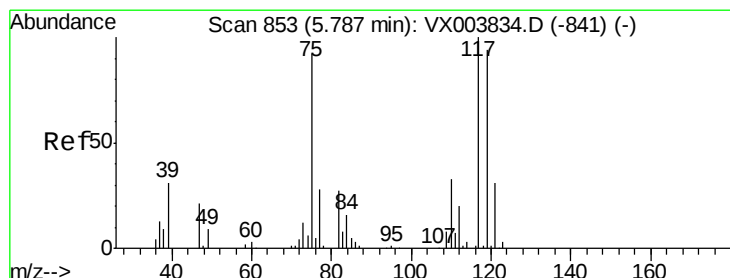
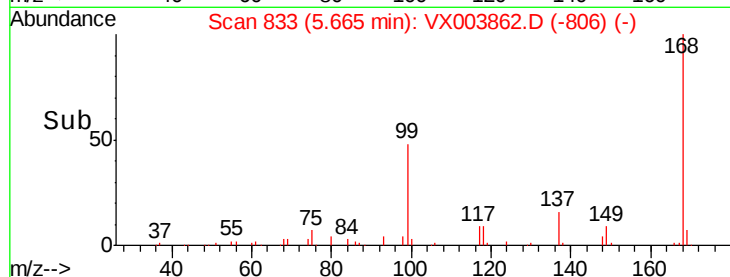
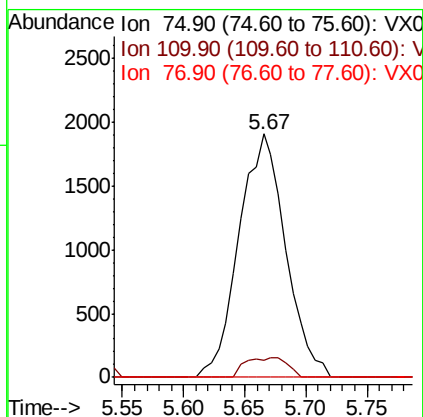
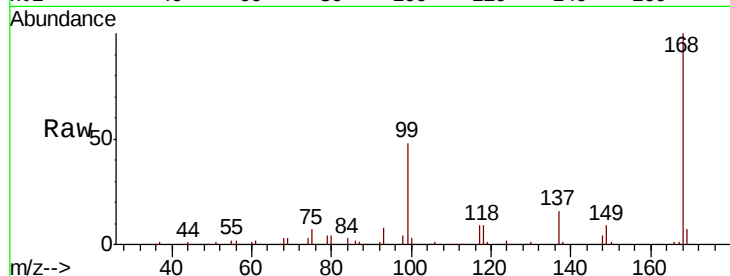




#36
 1,1-Dichloropropene
 Concen: 4.01 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.13 min
 Lab File: VX003862.D
 Acq: 03 Aug 2018 21:22

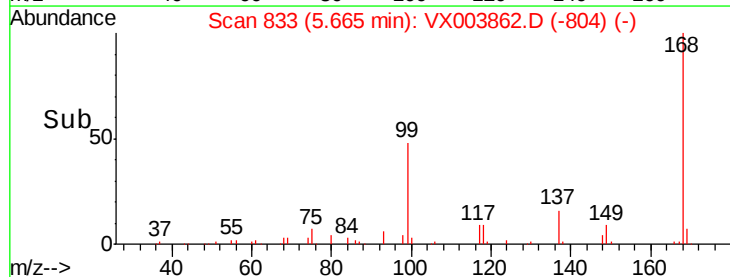
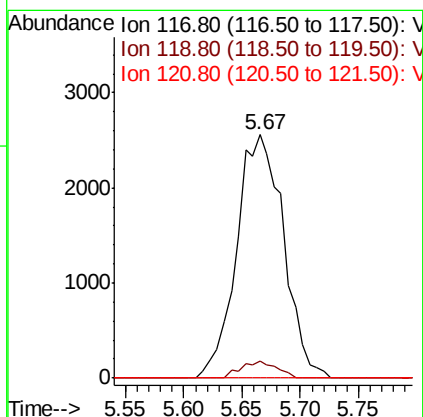
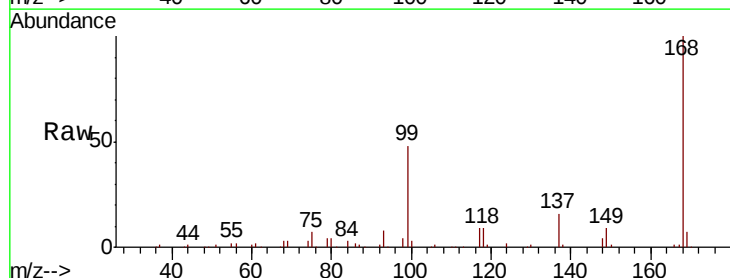
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0519

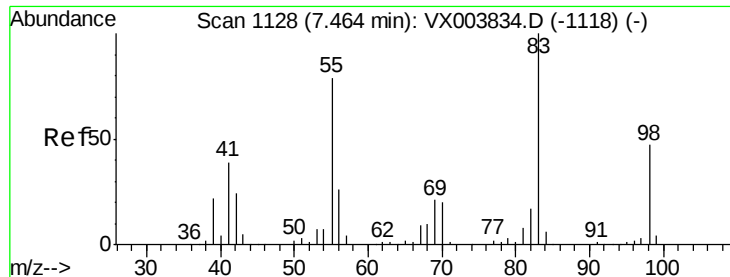
Tot Ion	Ratio	Lower	Upper
75	100		
110	7.2	18.6	55.8#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 5.72 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.12 min
 Lab File: VX003862.D
 Acq: 03 Aug 2018 21:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	7.2	74.6	112.0#
121	0.0	24.4	36.6#

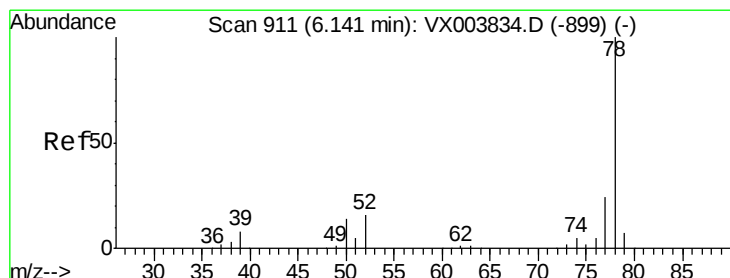
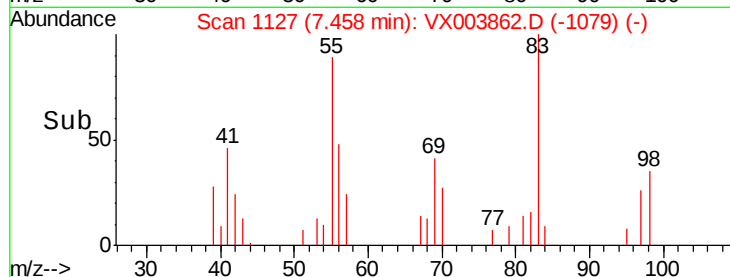
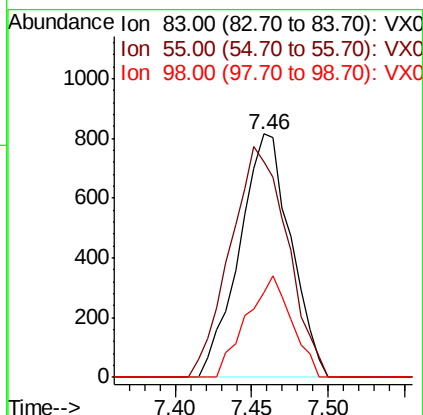
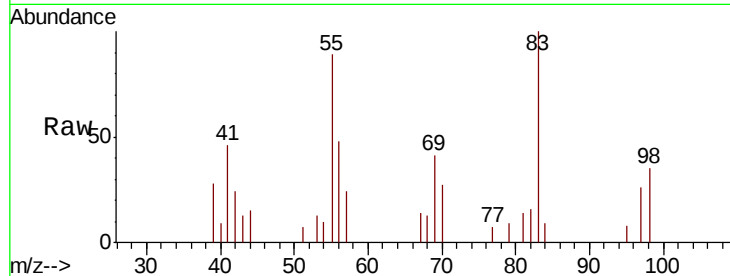




#39
Methvlcvclohexane
Concen: 1.38 ug/l
RT: 7.46 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX003862.D
Acq: 03 Aug 2018 21:22

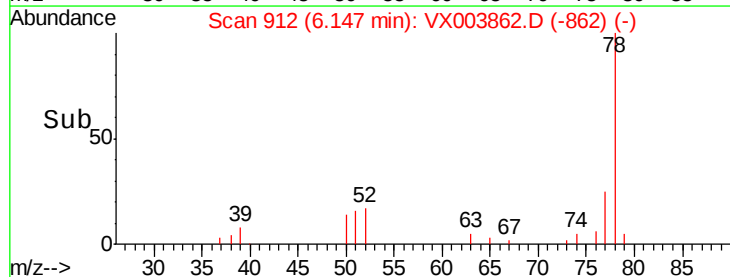
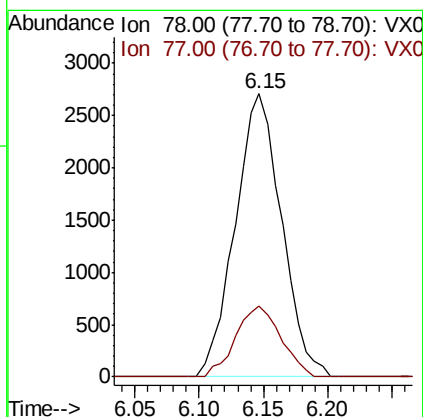
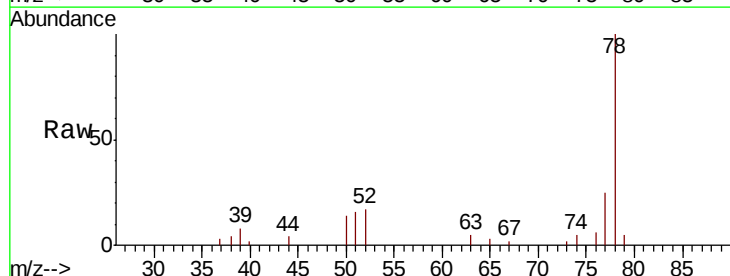
Instrument :
MSVOA_X
ClientSampled :
FL-0519

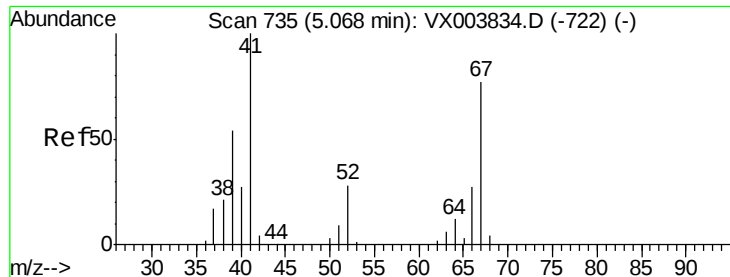
Tot Ion: 83 Resp: 1913
Ion Ratio Lower Upper
83 100
55 88.7 63.1 94.7
98 34.8 37.5 56.3#



#40
Benzene
Concen: 1.72 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.01 min
Lab File: VX003862.D
Acq: 03 Aug 2018 21:22

Tgt Ion: 78 Resp: 6762
Ion Ratio Lower Upper
78 100
77 25.0 18.9 28.3

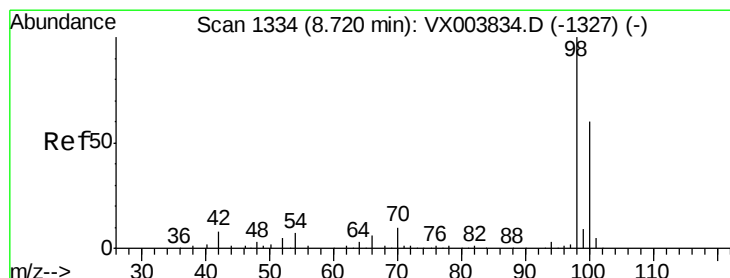
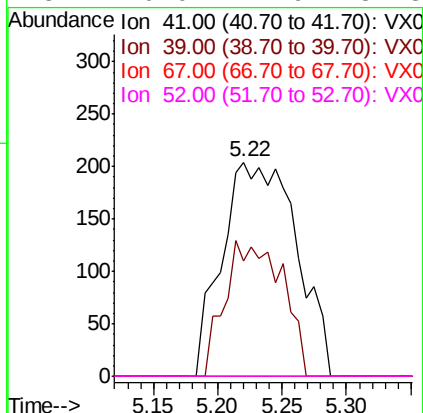
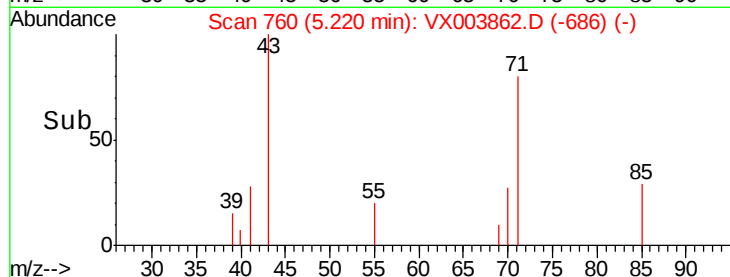
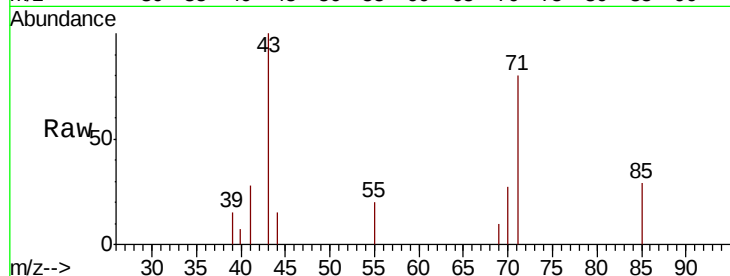




#41
Methacrylonitrile
Concen: 1.03 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.15 min
Lab File: VX003862.D
Acq: 03 Aug 2018 21:22

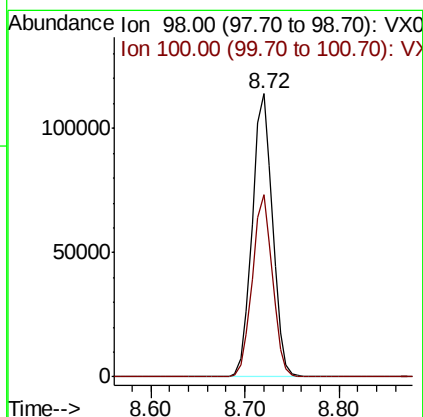
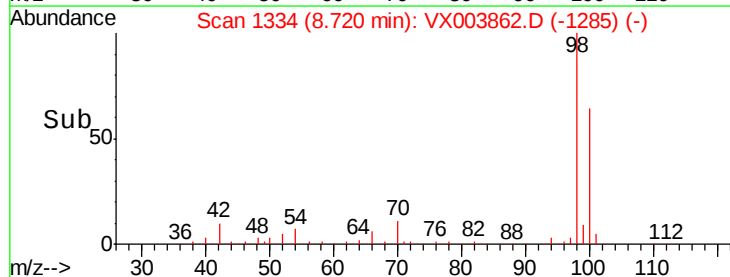
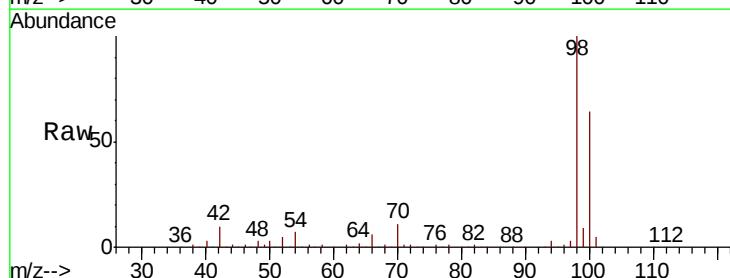
Instrument :
MSVOA_X
ClientSampled :
FL-0519

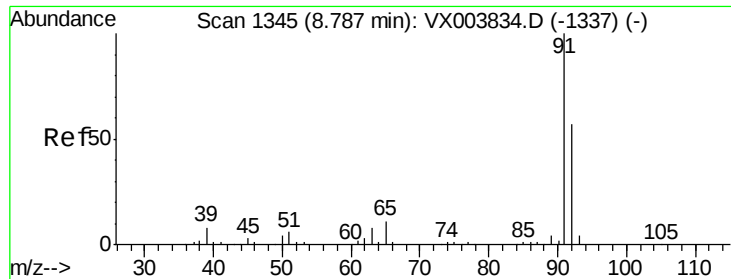
Tot Ion:	41	Resp:	820
Ion	Ratio	Lower	Upper
41	100		
39	48.8	42.5	63.7
67	0.0	58.8	88.2#
52	0.0	22.9	34.3#



#50
Toluene-d8
Concen: 48.16 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX003862.D
Acq: 03 Aug 2018 21:22

Tgt Ion:	98	Resp:	171638
Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.4	77.2





#52

Toluene

Concen: 0.21 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX003862.D

Acq: 03 Aug 2018 21:22

Instrument :

MSVOA_X

ClientSampleId :

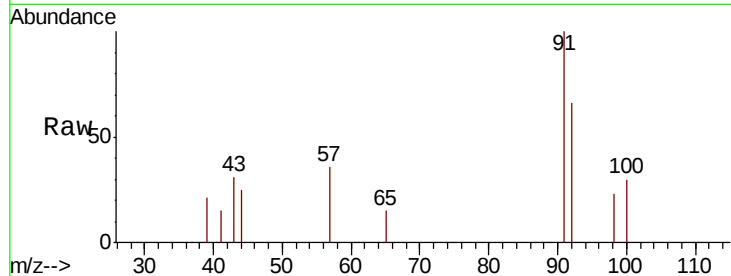
FL-0519

Tot Ion: 92 Resp: 510

Ion Ratio Lower Upper

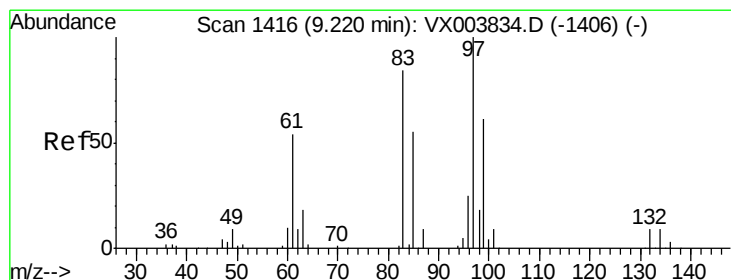
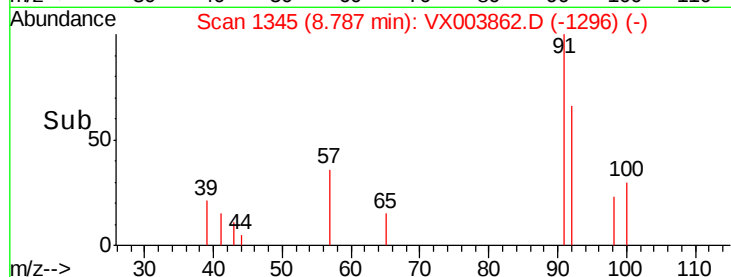
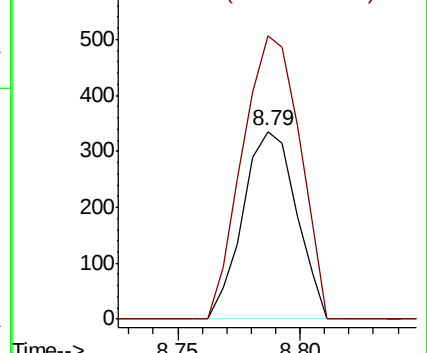
92 100

91 161.8 140.2 210.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#55

1,1,2-Trichloroethane

Concen: 1.85 ug/l

RT: 9.16 min Scan# 1407

Delta R.T. -0.06 min

Lab File: VX003862.D

Acq: 03 Aug 2018 21:22

Tgt Ion: 97 Resp: 1908

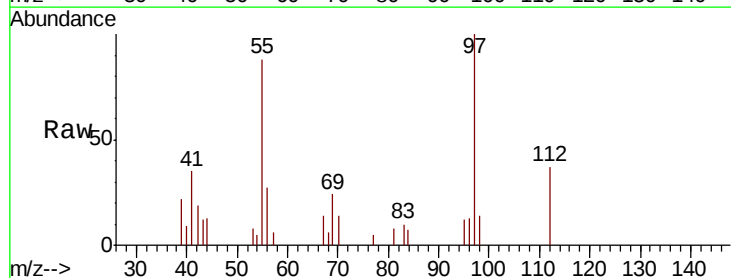
Ion Ratio Lower Upper

97 100

83 9.9 67.4 101.2#

85 0.0 43.9 65.9#

99 0.0 49.0 73.6#

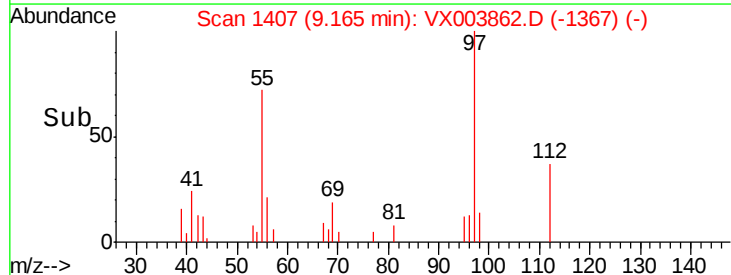
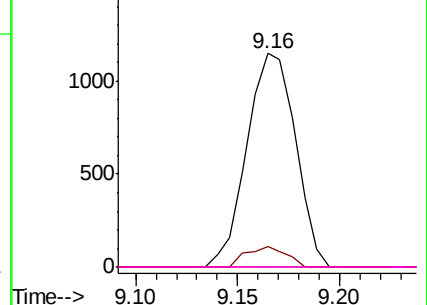


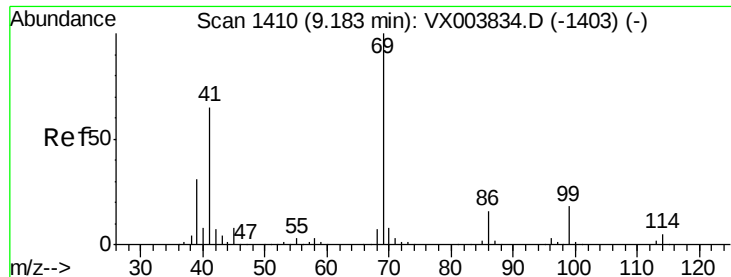
Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0





#56

Ethyl methacrylate

Concen: 0.31 ug/l

RT: 9.16 min Scan# 1407

Delta R.T. -0.02 min

Lab File: VX003862.D

Acq: 03 Aug 2018 21:22

Instrument :

MSVOA_X

ClientSampled :

FL-0519

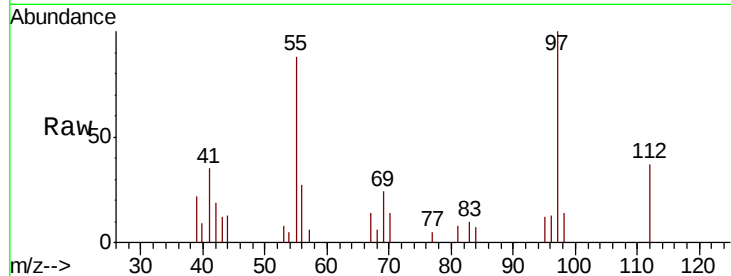
Tot Ion: 69 Resp: 452

Ion Ratio Lower Upper

69 100

41 144.2 51.1 76.7#

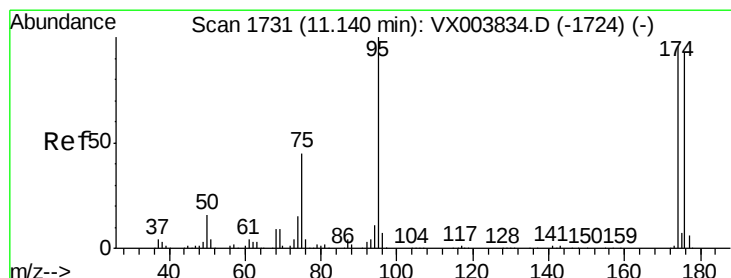
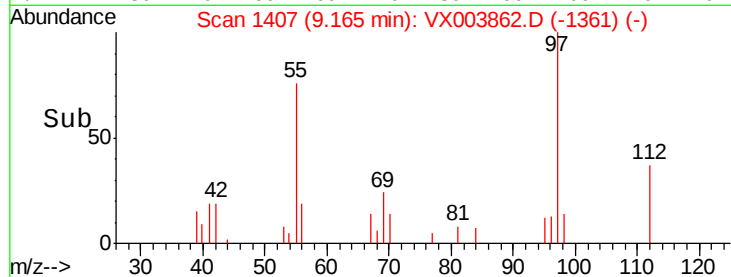
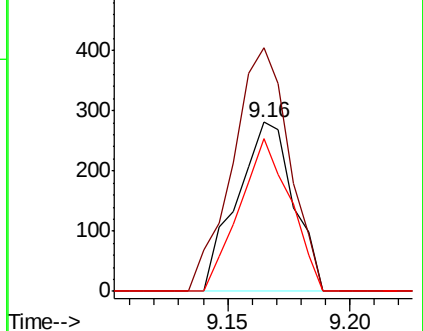
39 81.4 24.7 37.1#



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#62

4-Bromofluorobenzene

Concen: 46.87 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX003862.D

Acq: 03 Aug 2018 21:22

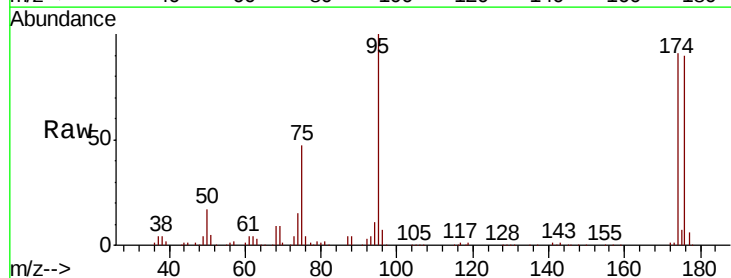
Tgt Ion: 95 Resp: 60350

Ion Ratio Lower Upper

95 100

174 92.8 0.0 192.2

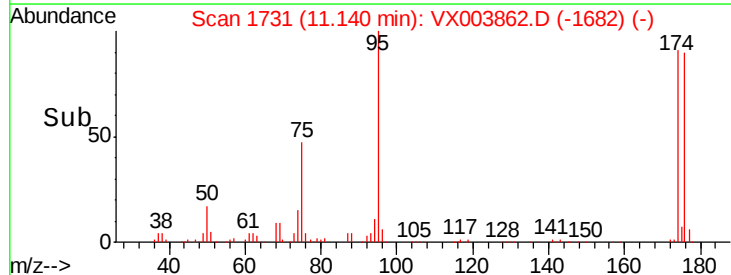
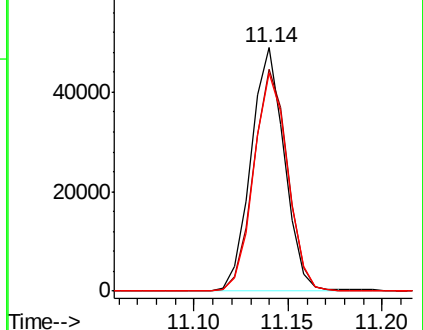
176 90.7 0.0 185.8

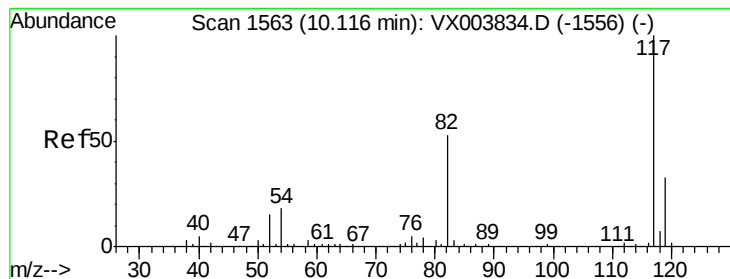


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX003862.D

Acq: 03 Aug 2018 21:22

Instrument :

MSVOA_X

ClientSampled :

FL-0519

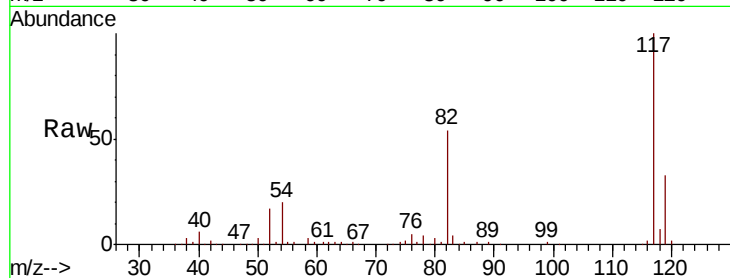
Tot Ion:117 Resp: 111018

Ion Ratio Lower Upper

117 100

82 53.8 42.2 63.4

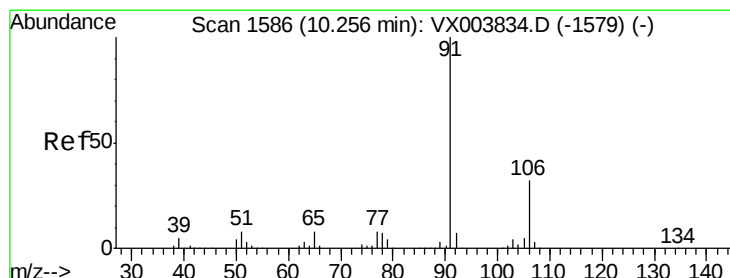
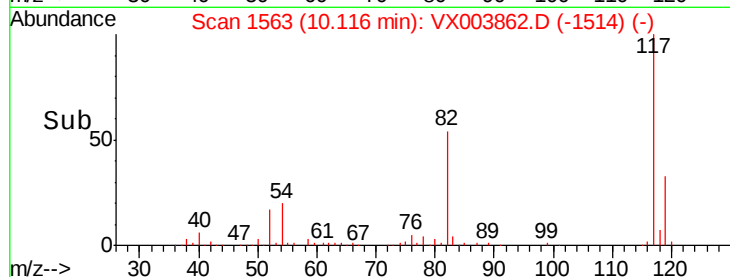
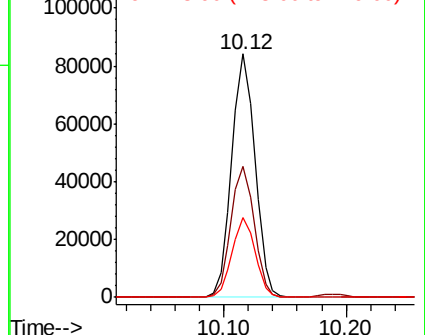
119 32.7 26.2 39.2



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: 55.71 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX003862.D

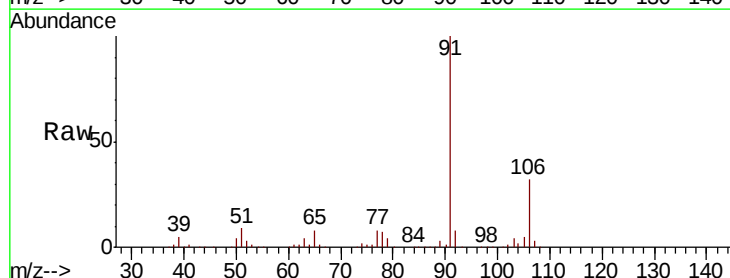
Acq: 03 Aug 2018 21:22

Tgt Ion: 91 Resp: 243720

Ion Ratio Lower Upper

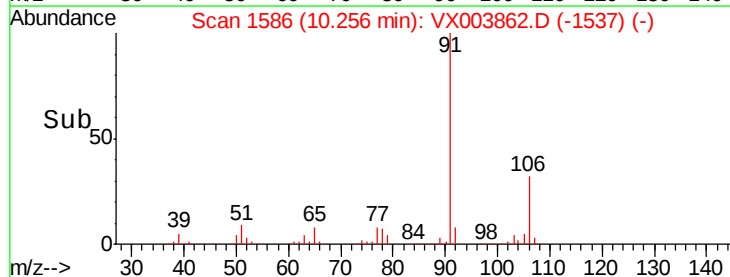
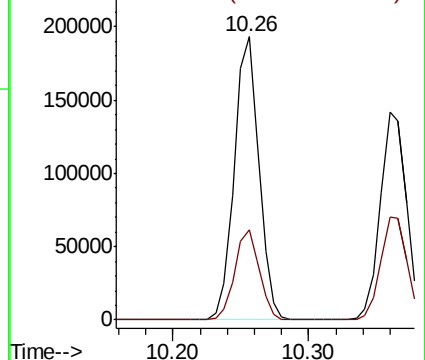
91 100

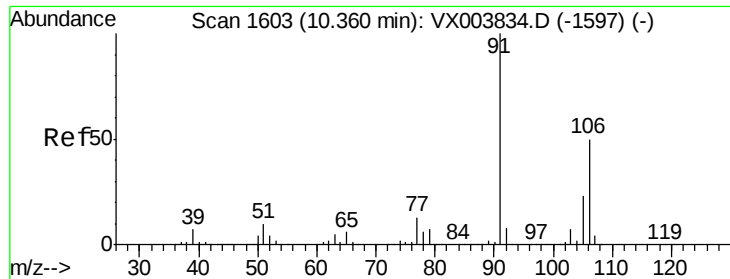
106 31.8 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

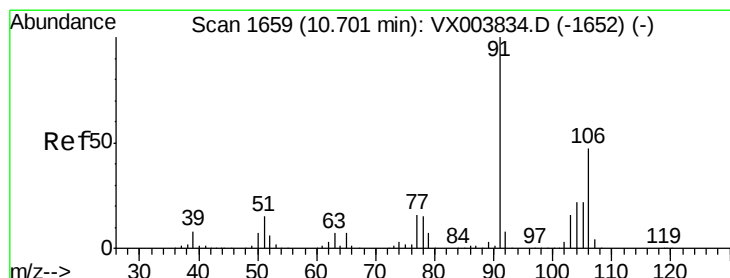
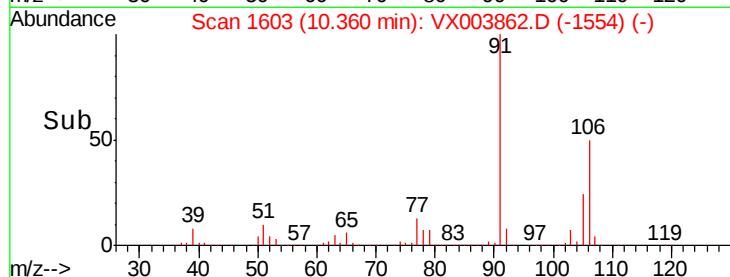
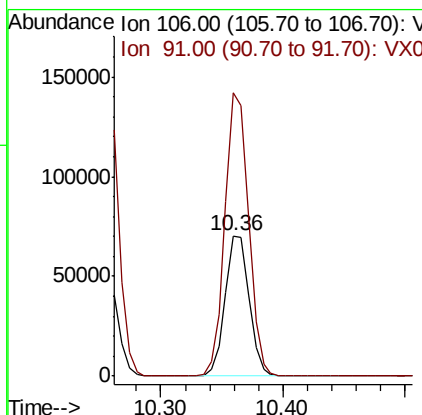
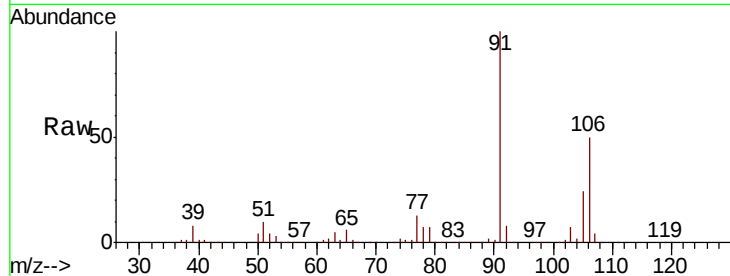




#68
m/p-Xylenes
Concen: 55.74 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX003862.D
Acq: 03 Aug 2018 21:22

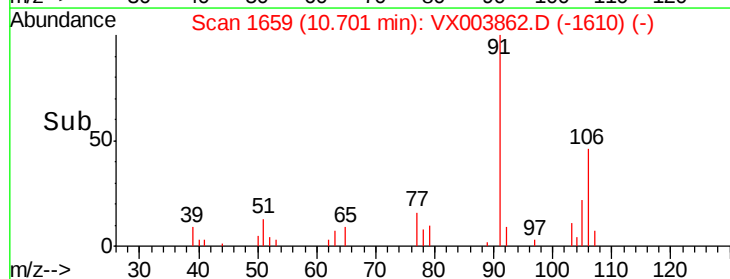
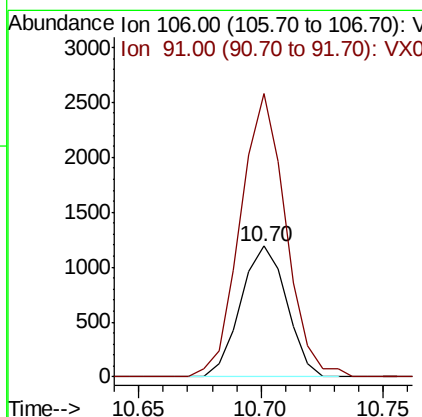
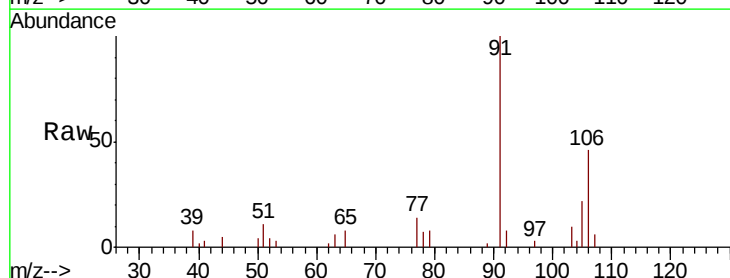
Instrument :
MSVOA_X
ClientSampleId :
FL-0519

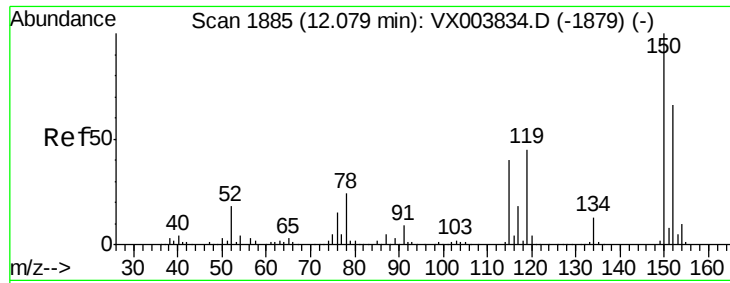
Tot Ion:106 Resp: 95306
Ion Ratio Lower Upper
106 100
91 199.5 161.3 241.9



#69
o-Xylene
Concen: 0.95 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003862.D
Acq: 03 Aug 2018 21:22

Tgt Ion:106 Resp: 1562
Ion Ratio Lower Upper
106 100
91 213.9 105.7 317.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX003862.D

Acq: 03 Aug 2018 21:22

Instrument :

MSVOA_X

ClientSampled :

FL-0519

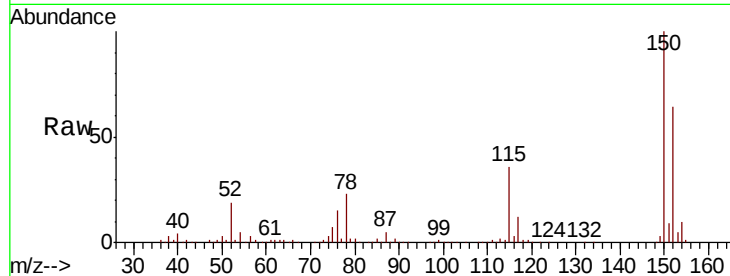
Tot Ion:152 Resp: 63617

Ion Ratio Lower Upper

152 100

115 55.5 37.4 112.1

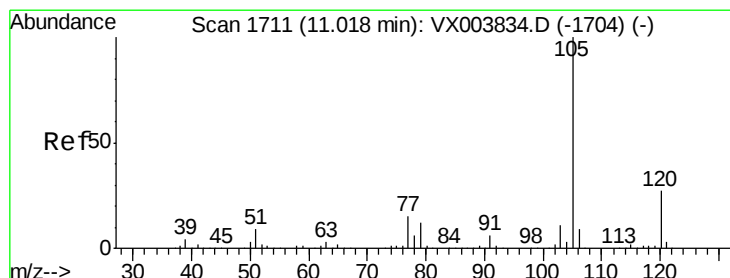
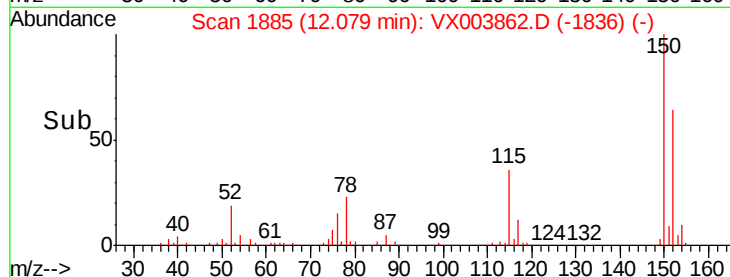
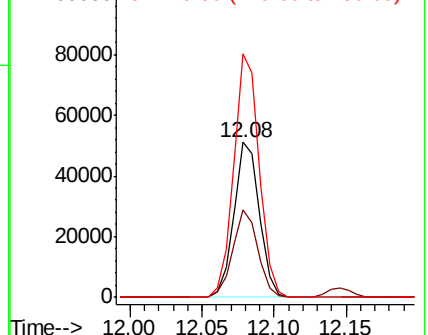
150 156.4 0.0 346.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 5.28 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.00 min

Lab File: VX003862.D

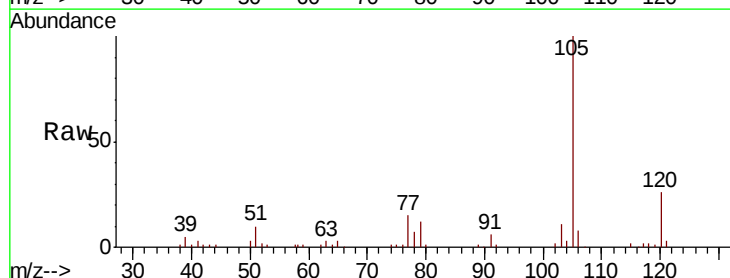
Acq: 03 Aug 2018 21:22

Tgt Ion:105 Resp: 21538

Ion Ratio Lower Upper

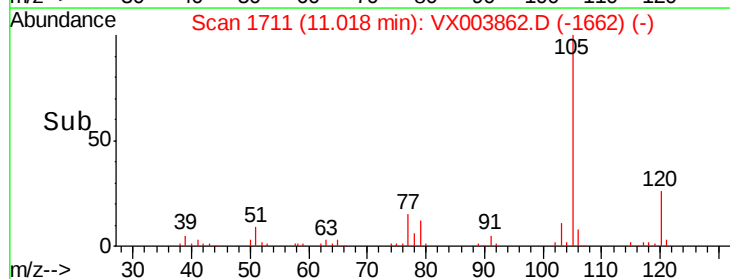
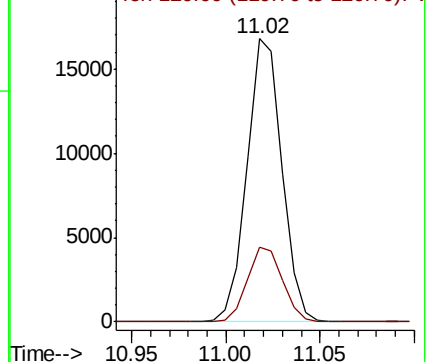
105 100

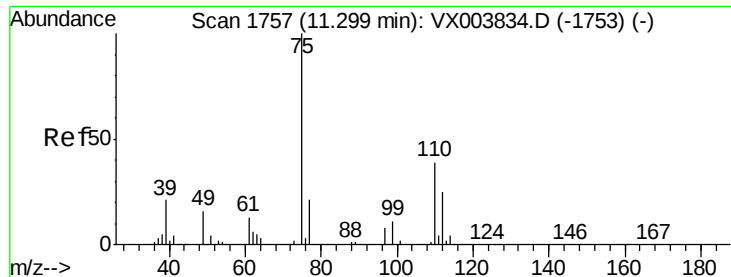
120 26.6 13.6 40.7



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: 22.36 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX003862.D

Acq: 03 Aug 2018 21:22

Instrument :

MSVOA_X

ClientSampled :

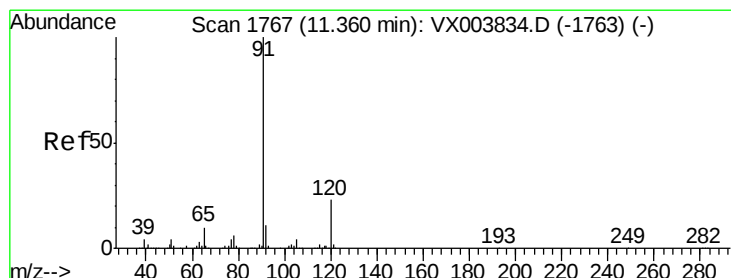
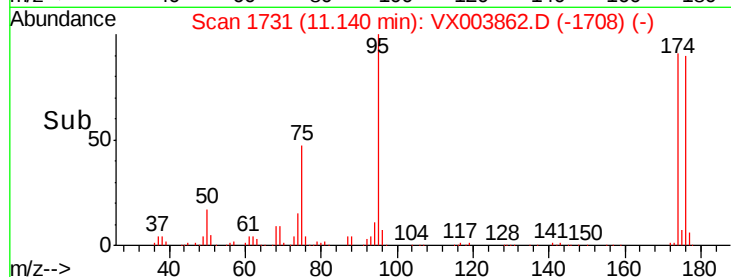
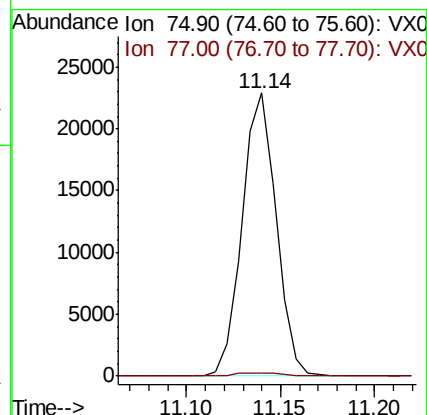
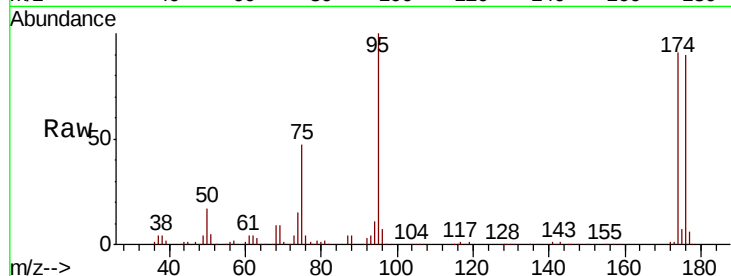
FL-0519

Tot Ion: 75 Resp: 28673

Ion Ratio Lower Upper

75 100

77 1.4 21.1 63.3#



#78

n-propylbenzene

Concen: 8.22 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VX003862.D

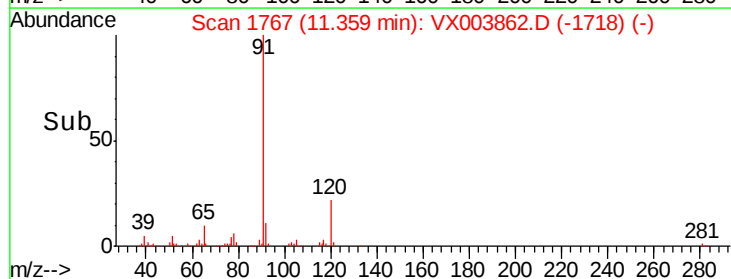
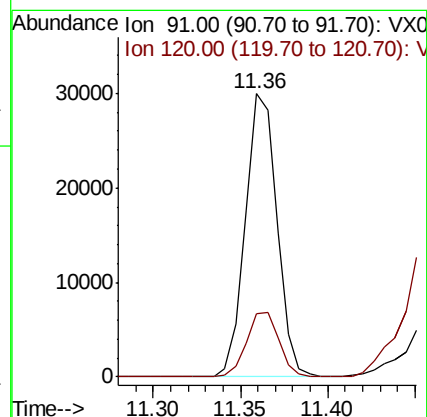
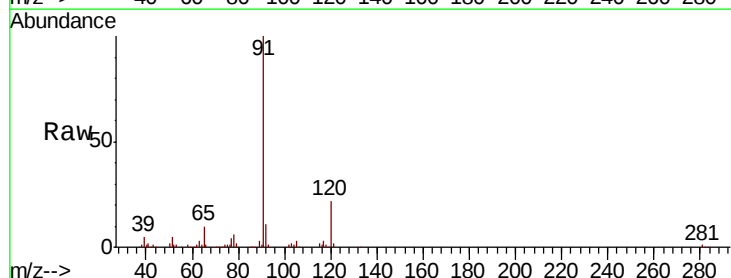
Acq: 03 Aug 2018 21:22

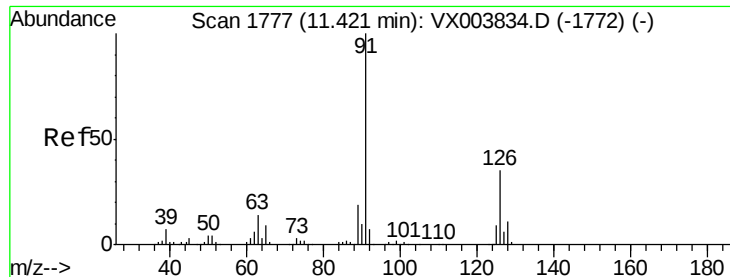
Tgt Ion: 91 Resp: 37938

Ion Ratio Lower Upper

91 100

120 23.4 12.1 36.3





#79

2-Chlorotoluene

Concen: 3.10 ug/l

RT: 11.46 min Scan# 1783

Delta R.T. 0.04 min

Lab File: VX003862.D

Acq: 03 Aug 2018 21:22

Instrument :

MSVOA_X

ClientSampled :

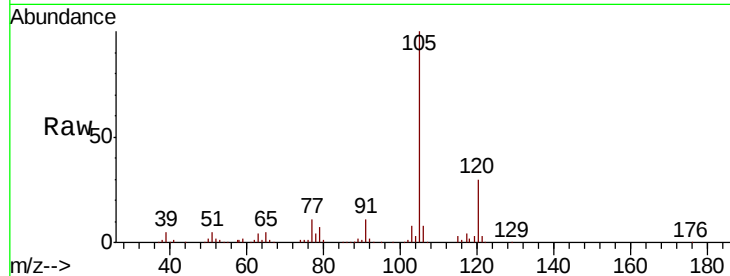
FL-0519

Tot Ion: 91 Resp: 8850

Ion Ratio Lower Upper

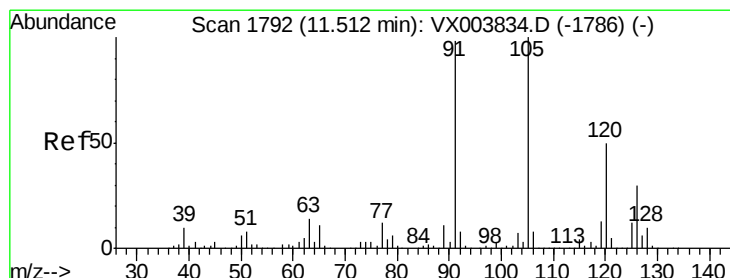
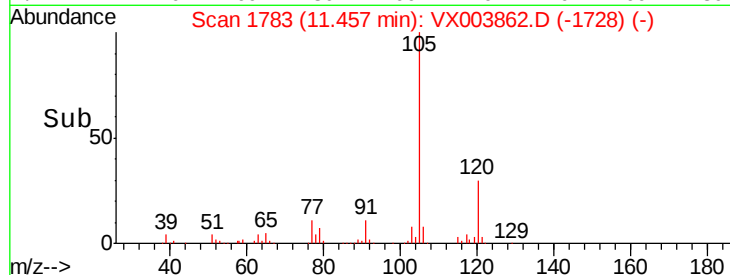
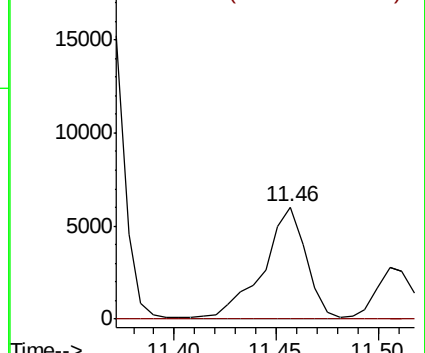
91 100

126 0.0 17.9 53.7#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 9.79 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX003862.D

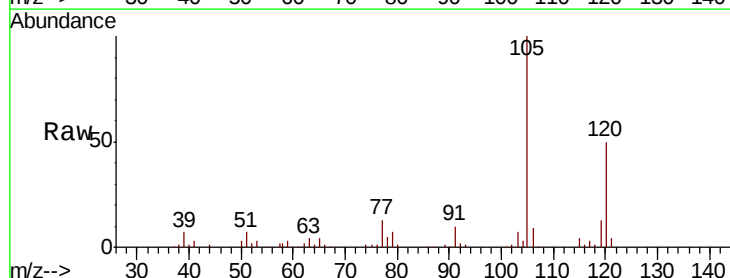
Acq: 03 Aug 2018 21:22

Tgt Ion:105 Resp: 33511

Ion Ratio Lower Upper

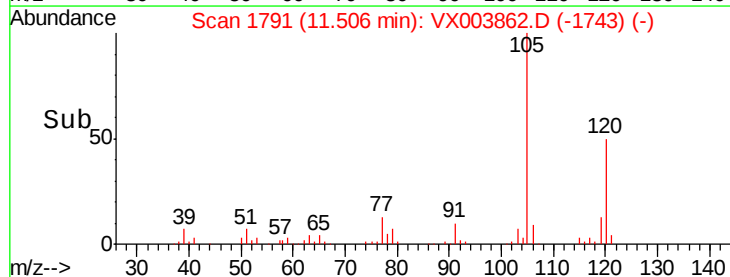
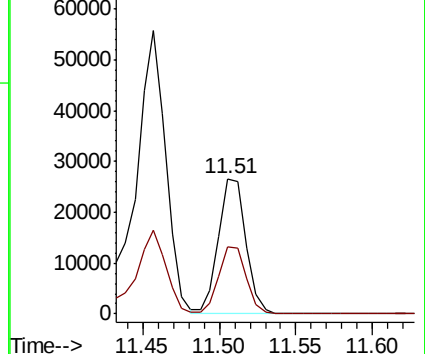
105 100

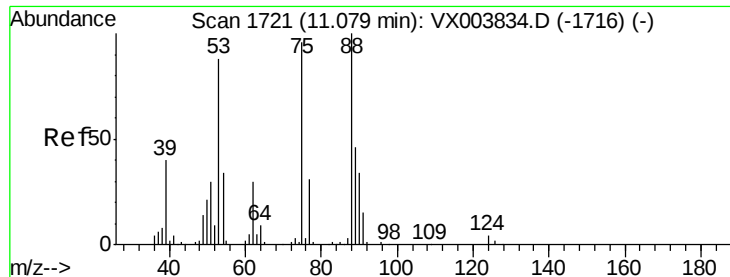
120 49.6 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

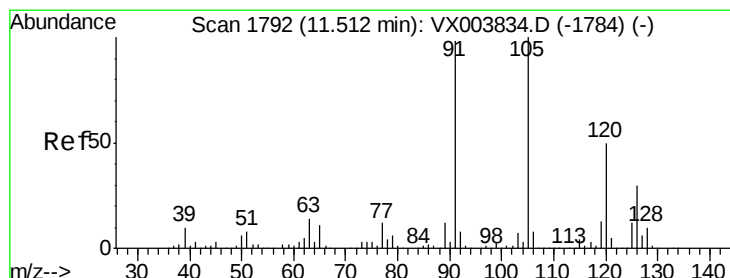
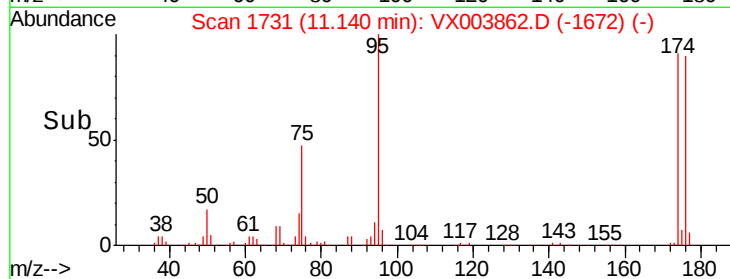
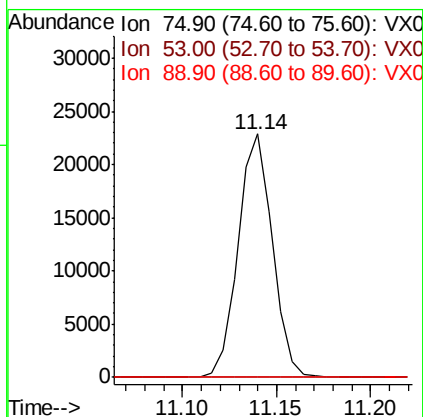
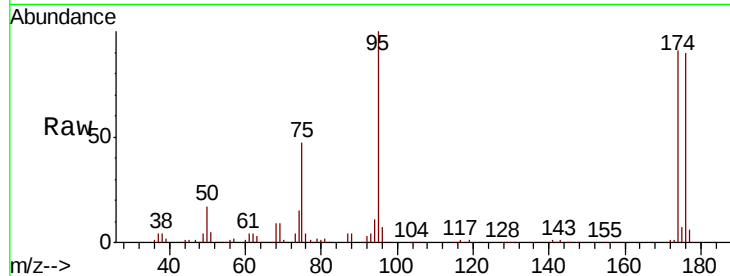




#81
trans-1,4-Dichloro-2-butene
Concen: 70.47 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX003862.D
Acq: 03 Aug 2018 21:22

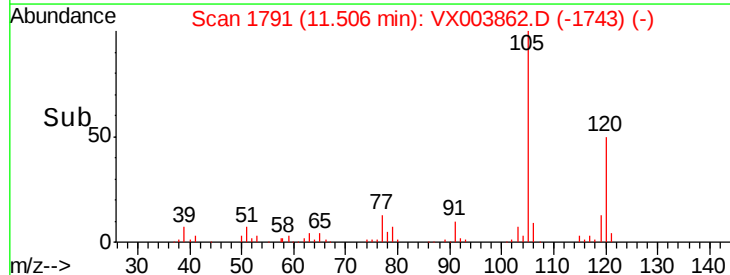
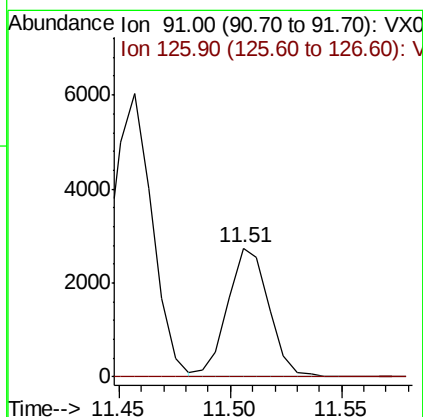
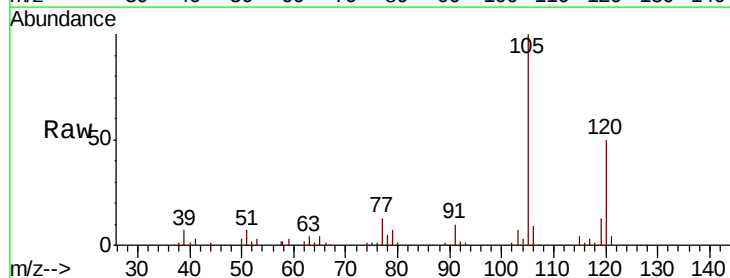
Instrument :
MSVOA_X
ClientSampleId :
FL-0519

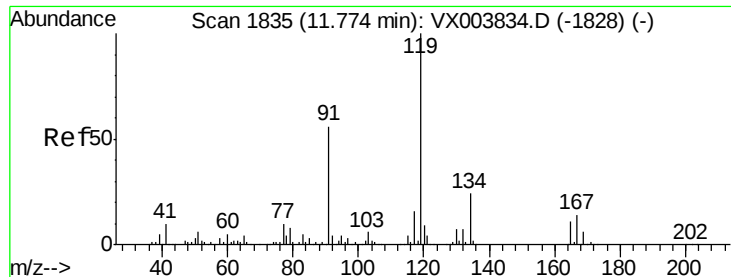
Tot Ion: 75 Resp: 28673
Ion Ratio Lower Upper
75 100
53 0.0 74.9 112.3#
89 0.0 36.6 54.8#



#82
4-Chlorotoluene
Concen: 1.07 ug/l
RT: 11.51 min Scan# 1791
Delta R.T. -0.01 min
Lab File: VX003862.D
Acq: 03 Aug 2018 21:22

Tgt Ion: 91 Resp: 3538
Ion Ratio Lower Upper
91 100
126 0.0 16.0 47.9#

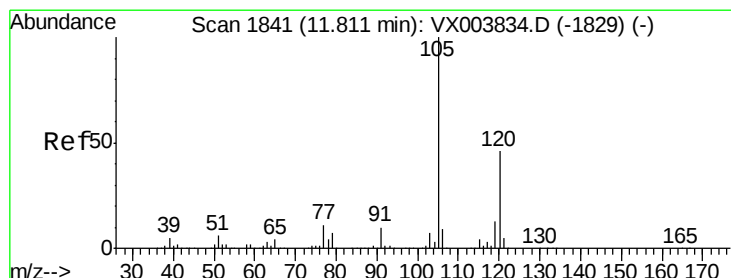
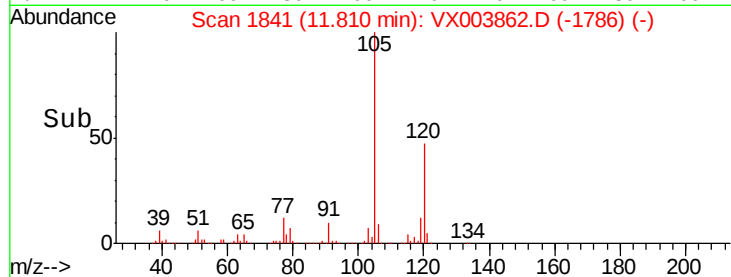
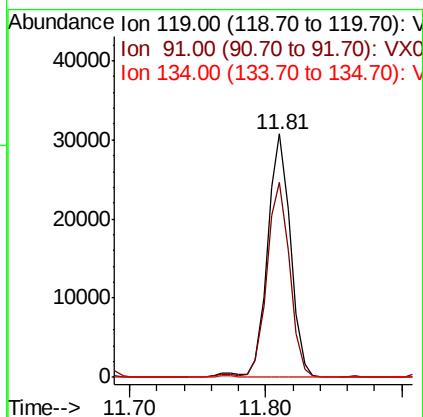
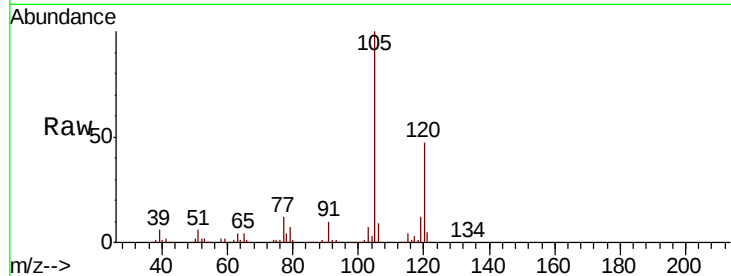




#83
 tert-Butylbenzene
 Concen: 10.68 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.04 min
 Lab File: VX003862.D
 Acq: 03 Aug 2018 21:22

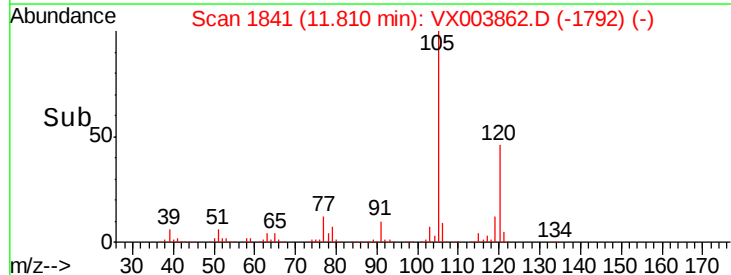
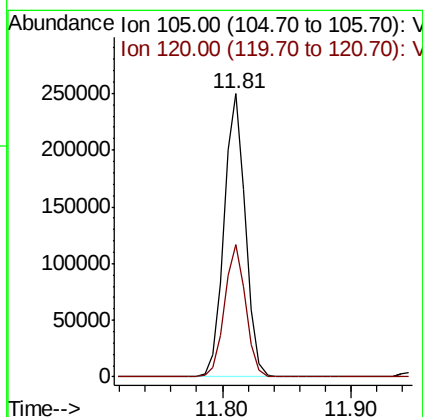
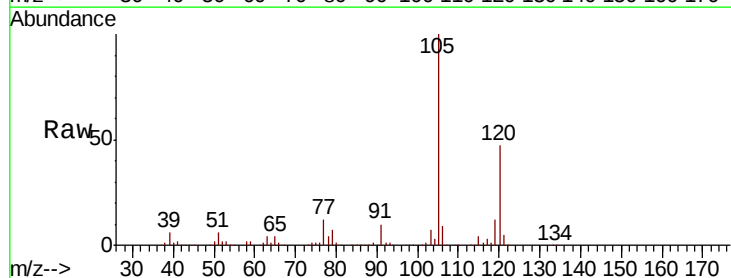
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0519

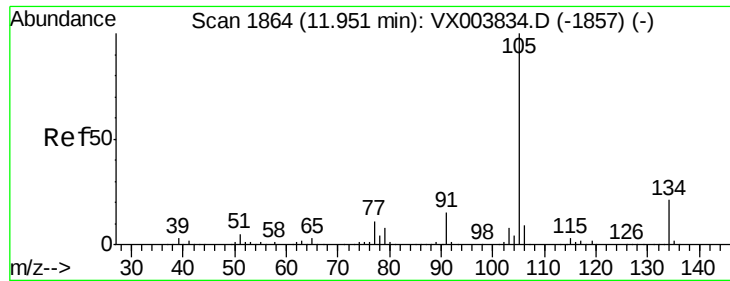
Tot Ion:119 Resp: 36764
 Ion Ratio Lower Upper
 119 100
 91 80.5 26.6 79.7#
 134 0.4 11.6 34.7#



#84
 1,2,4-Trimethylbenzene
 Concen: 82.17 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX003862.D
 Acq: 03 Aug 2018 21:22

Tgt Ion:105 Resp: 290923
 Ion Ratio Lower Upper
 105 100
 120 46.3 22.9 68.5





#85

sec-Butylbenzene

Concen: 73.16 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.14 min

Lab File: VX003862.D

Acq: 03 Aug 2018 21:22

Instrument :

MSVOA_X

ClientSampled :

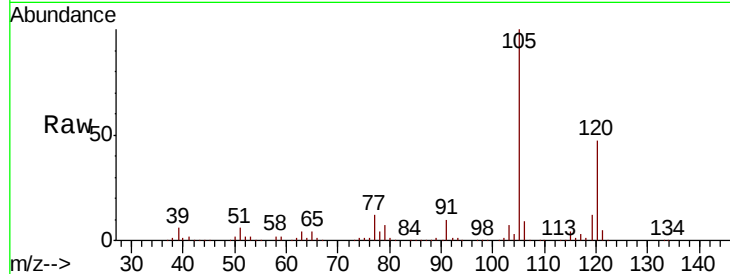
FL-0519

Tot Ion:105 Resp: 290923

Ion Ratio Lower Upper

105 100

134 0.1 10.4 31.4#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

250000

200000

150000

100000

50000

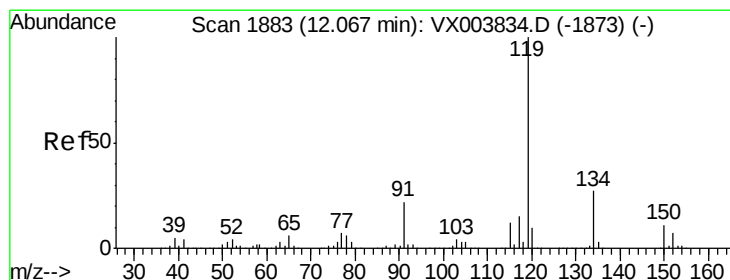
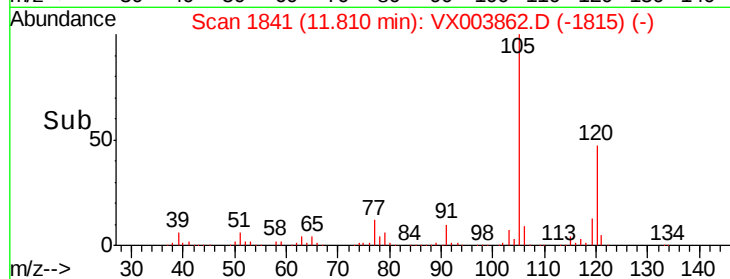
0

11.81

11.80

11.90

Time-->



#86

p-Isopropyltoluene

Concen: 1.26 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX003862.D

Acq: 03 Aug 2018 21:22

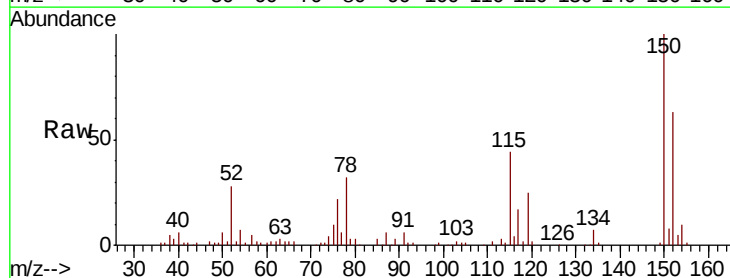
Tgt Ion:119 Resp: 4536

Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.2

91 26.1 11.1 33.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

5000

4000

3000

2000

1000

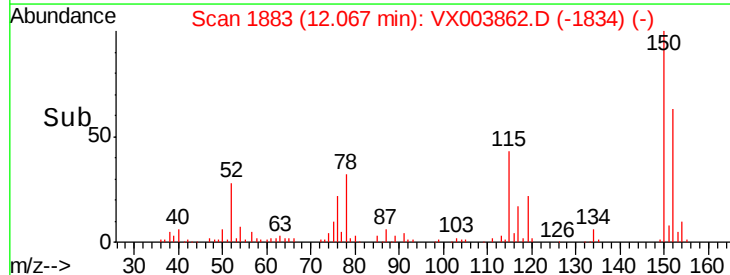
0

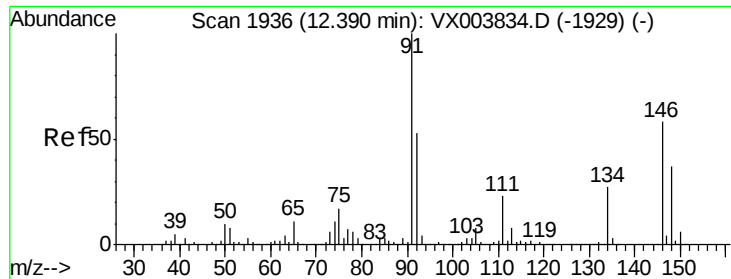
12.07

12.05

12.10

Time-->

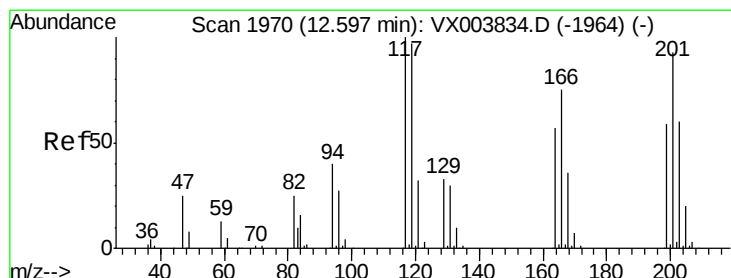
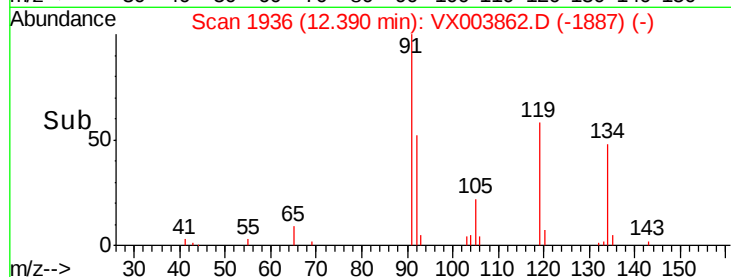
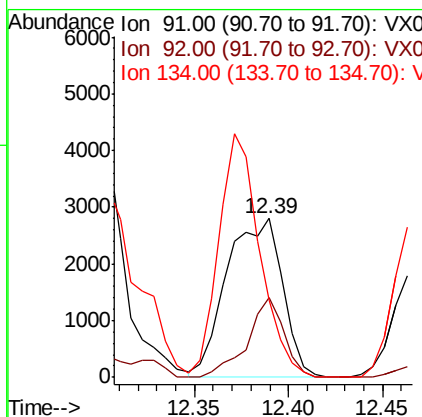
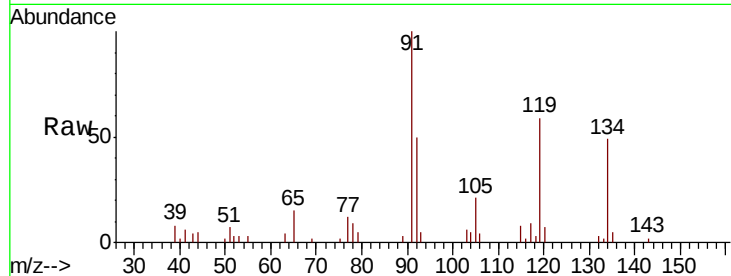




#89
n-Butylbenzene
Concen: 1.86 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX003862.D
Acq: 03 Aug 2018 21:22

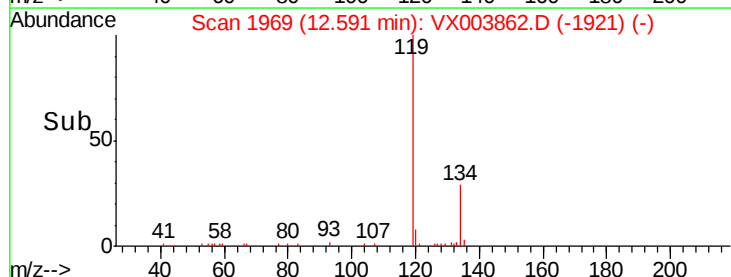
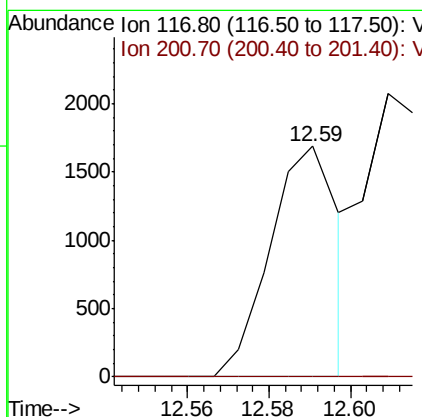
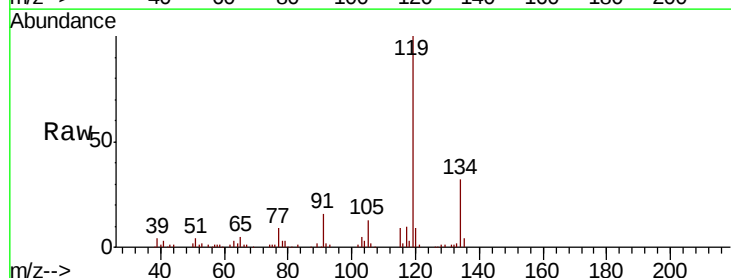
Instrument :
MSVOA_X
ClientSampled :
FL-0519

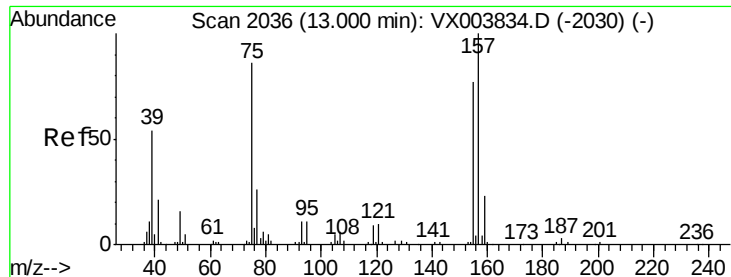
Tot Ion: 91 Resp: 5746
Ion Ratio Lower Upper
91 100
92 32.6 26.3 78.9
134 112.7 13.7 41.0#



#90
Hexachloroethane
Concen: 3.36 ug/l
RT: 12.59 min Scan# 1969
Delta R.T. -0.01 min
Lab File: VX003862.D
Acq: 03 Aug 2018 21:22

Tgt Ion: 117 Resp: 1962
Ion Ratio Lower Upper
117 100
201 0.0 49.9 149.6#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.78 ug/l

RT: 13.02 min Scan# 2039

Delta R.T. 0.02 min

Lab File: VX003862.D

Acq: 03 Aug 2018 21:22

Instrument :

MSVOA_X

ClientSampled :

FL-0519

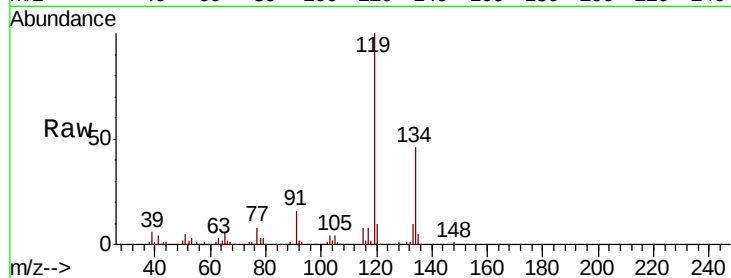
Tot Ion: 75 Resp: 256

Ion Ratio Lower Upper

75 100

155 0.0 49.5 148.3#

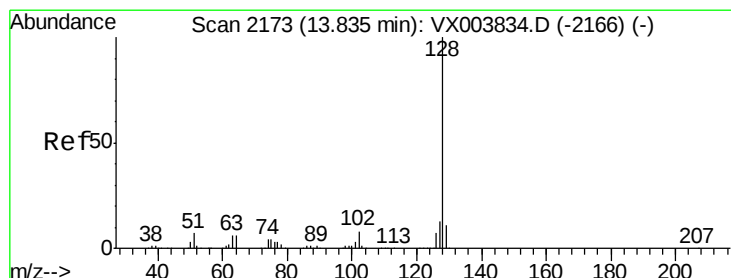
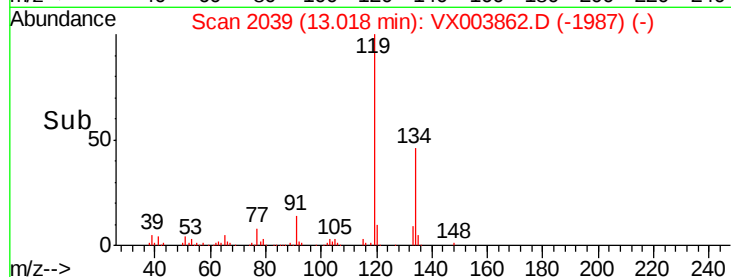
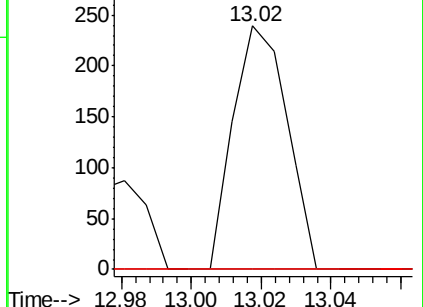
157 0.0 64.5 193.5#



Abundance Ion 74.90 (74.60 to 75.60): VX003834.D (-2030) (-)

Ion 154.80 (154.50 to 155.50): VX003834.D (-2030) (-)

Ion 156.80 (156.50 to 157.50): VX003834.D (-2030) (-)



#95

Naphthalene

Concen: 7.13 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. -0.00 min

Lab File: VX003862.D

Acq: 03 Aug 2018 21:22

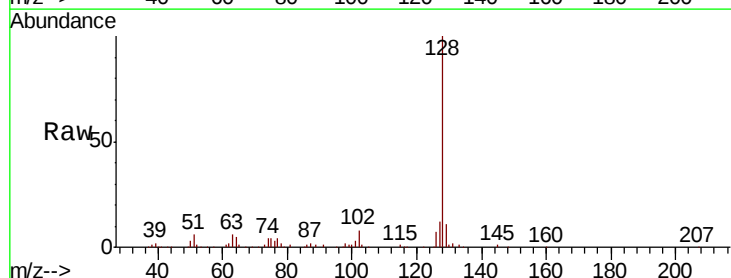
Tgt Ion: 128 Resp: 32527

Ion Ratio Lower Upper

128 100

127 13.5 10.2 15.4

129 14.3 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): VX003834.D (-2166) (-)

Ion 127.00 (126.70 to 127.70): VX003834.D (-2166) (-)

Ion 129.00 (128.70 to 129.70): VX003834.D (-2166) (-)

