

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072618\
 Data File : VX003693.D
 Acq On : 27 Jul 2018 02:53
 Operator : JC/SP
 Sample : J4154-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0504

Quant Time: Jul 27 06:43:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 27 02:16:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	81720	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	134935	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	131165	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	69625	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	69571	57.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.94%	
35) Dibromofluoromethane	5.51	113	55764	50.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.10%	
50) Toluene-d8	8.72	98	218707	51.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.90%	
62) 4-Bromofluorobenzene	11.14	95	76957	50.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.24%	

Target Compounds

						Qvalue
3) Chloromethane	1.32	50	341	0.28	ug/l	89
6) Chloroethane	1.64	64	1946	3.85	ug/l #	42
11) Tert butyl alcohol	3.08	59	92	0.32	ug/l #	72
13) Acrolein	2.40	56	9761	69.67	ug/l #	79
14) Allyl chloride	2.84	41	22762	11.55	ug/l #	63
15) Acrylonitrile	3.17	53	4158	5.95	ug/l #	40
16) Acetone	2.45	43	3122	5.49	ug/l	95
18) Methyl Acetate	2.85	43	52318	30.46	ug/l #	53
20) Methylene Chloride	2.85	84	695	0.62	ug/l #	1
25) 2-Butanone	4.71	43	947	1.08	ug/l	92
26) 2,2-Dichloropropane	4.40	77	1251	0.98	ug/l #	51
29) Tetrahydrofuran	5.24	42	758	1.33	ug/l #	1
30) Chloroform	5.24	83	421	0.23	ug/l #	1
31) Cyclohexane	5.58	56	29194	17.94	ug/l	97
36) 1,1-Dichloropropene	5.67	75	6113	3.88	ug/l #	49
37) Ethyl Acetate	4.71	43	947	0.50	ug/l #	67
38) Carbon Tetrachloride	5.67	117	7817	5.14	ug/l #	15
39) Methylcyclohexane	7.46	83	56918	32.78	ug/l	95
40) Benzene	6.15	78	55095	11.80	ug/l	98
41) Methacrylonitrile	5.23	41	4649	4.43	ug/l #	51
42) 1,2-Dichloroethane	6.15	62	463	0.28	ug/l #	75
43) Isopropyl Acetate	6.45	43	1634	0.59	ug/l #	61
45) 1,2-Dichloropropane	7.46	63	767	0.64	ug/l #	1
46) Dibromomethane	7.45	93	270	0.35	ug/l #	1
48) Methyl methacrylate	7.73	41	3116	2.22	ug/l #	64
51) 4-Methyl-2-Pentanone	8.66	43	492	0.26	ug/l #	36
52) Toluene	8.79	92	1082	0.37	ug/l	95
55) 1,1,2-Trichloroethane	9.16	97	3060	2.58	ug/l #	19
56) Ethyl methacrylate	9.16	69	730	0.41	ug/l #	1
67) Ethyl Benzene	10.26	91	280627	50.79	ug/l	99
68) m/p-Xylenes	10.37	106	102033	48.13	ug/l	100
69) o-Xylene	10.70	106	470	0.23	ug/l	81
73) Isopropylbenzene	11.02	105	33471	7.04	ug/l	99
74) N-ethyl acetate	6.45	43	1634	0.66	ug/l #	57

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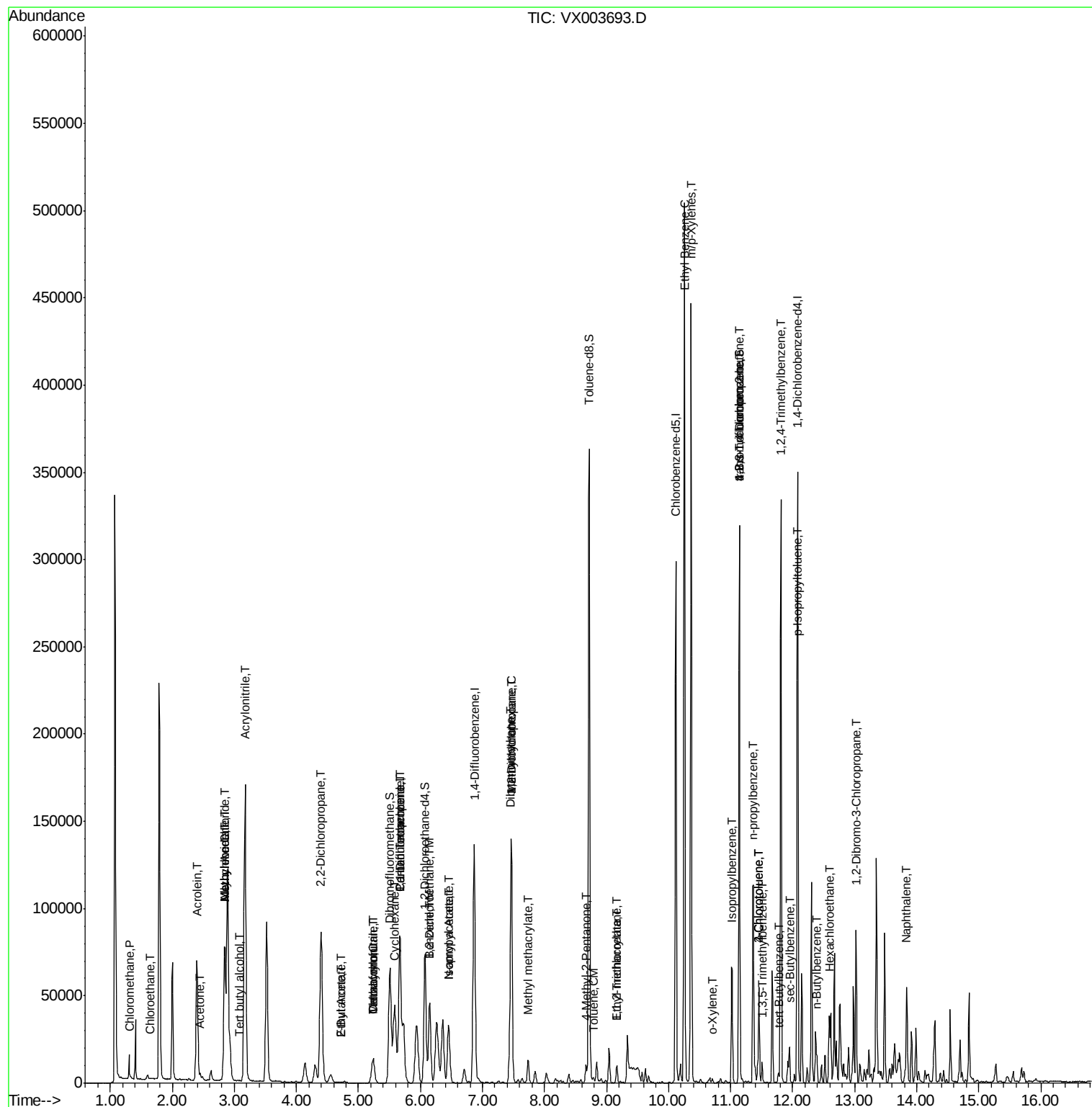
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
76) 1,2,3-Trichloropropane	11.14	75	39221	26.86	ug/l #	34
78) n-propylbenzene	11.36	91	58650	10.68	ug/l	98
79) 2-Chlorotoluene	11.46	91	3625	1.09	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.51	105	4952	1.23	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.14	75	39221	83.21	ug/l #	11
82) 4-Chlorotoluene	11.46	91	3625	0.92	ug/l #	44
83) tert-Butylbenzene	11.77	119	2194	0.56	ug/l	81
84) 1,2,4-Trimethylbenzene	11.81	105	136010	32.88	ug/l	99
85) sec-Butylbenzene	11.95	105	10967	2.33	ug/l	99
86) p-Isopropyltoluene	12.07	119	7596	1.80	ug/l	94
89) n-Butylbenzene	12.39	91	7337	1.93	ug/l #	61
90) Hexachloroethane	12.59	117	1950	3.05	ug/l #	3
92) 1,2-Dibromo-3-Chloropropan	13.02	75	320	0.88	ug/l #	1
95) Naphthalene	13.84	128	34573	6.52	ug/l	98

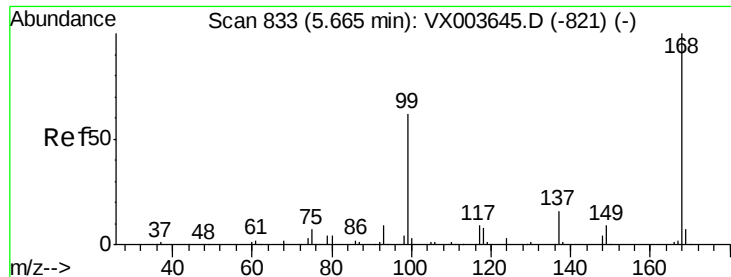
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003693.D

Acq: 27 Jul 2018 02:53

Instrument :

MSVOA_X

ClientSampleId :

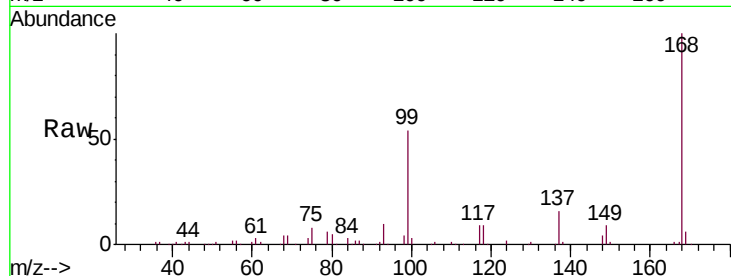
FL-0504

Tot Ion:168 Resp: 81720

Ion Ratio Lower Upper

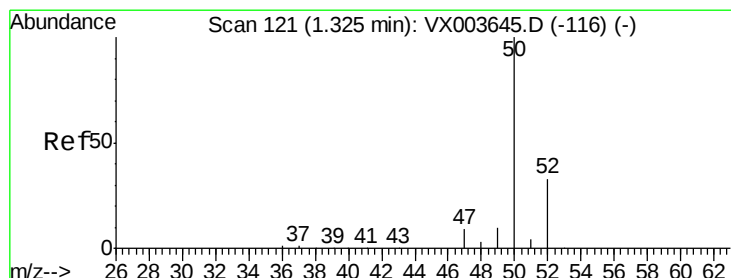
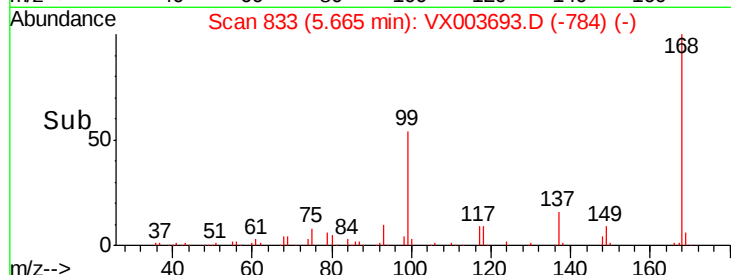
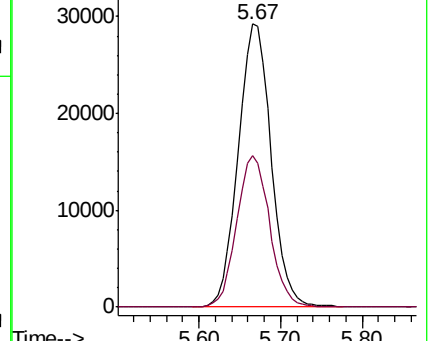
168 100

99 53.7 49.5 74.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.28 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003693.D

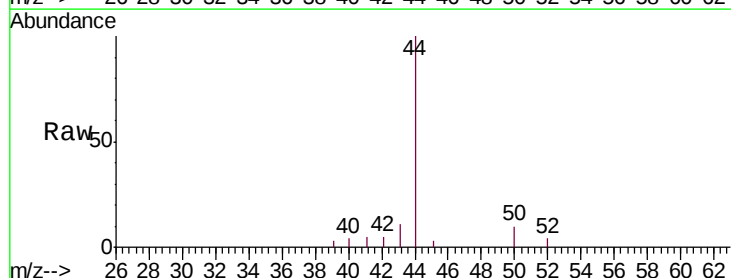
Acq: 27 Jul 2018 02:53

Tgt Ion: 50 Resp: 341

Ion Ratio Lower Upper

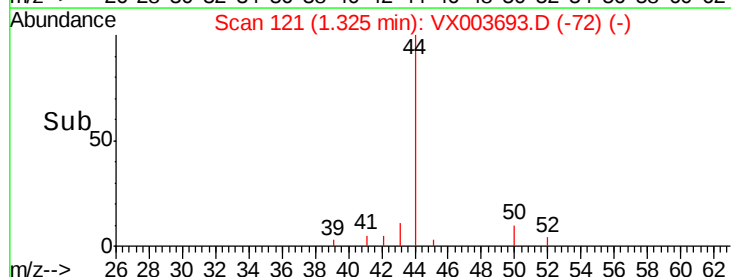
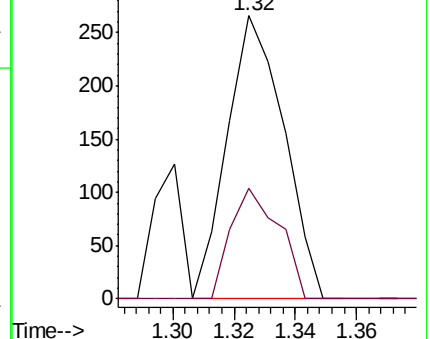
50 100

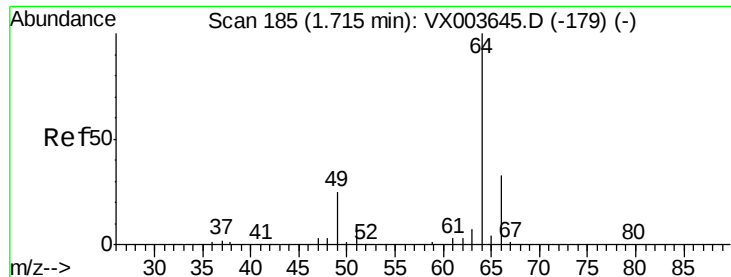
52 39.1 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#6

Chloroethane

Concen: 3.85 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.08 min

Lab File: VX003693.D

Acq: 27 Jul 2018 02:53

Instrument :

MSVOA_X

ClientSampled :

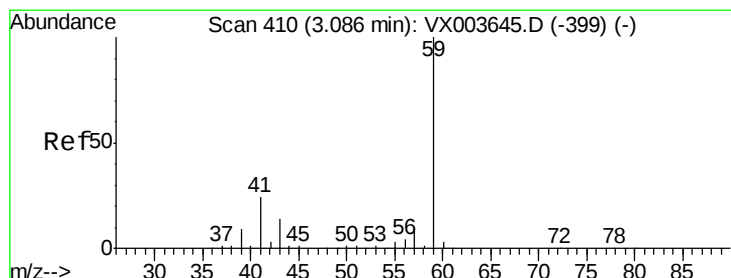
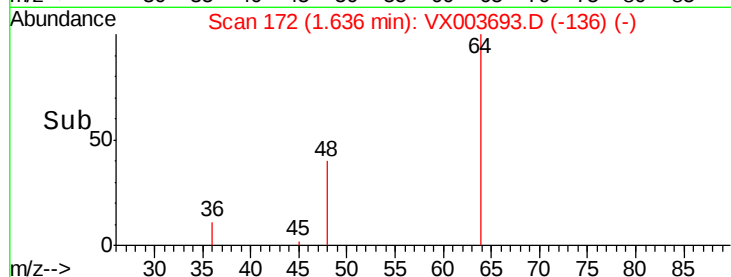
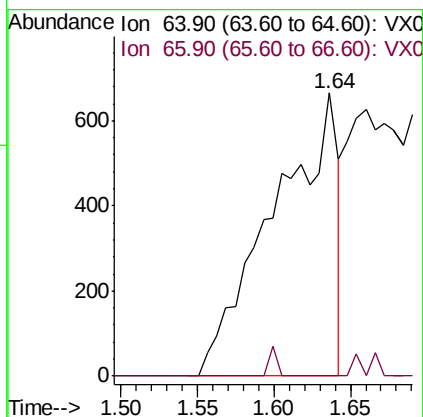
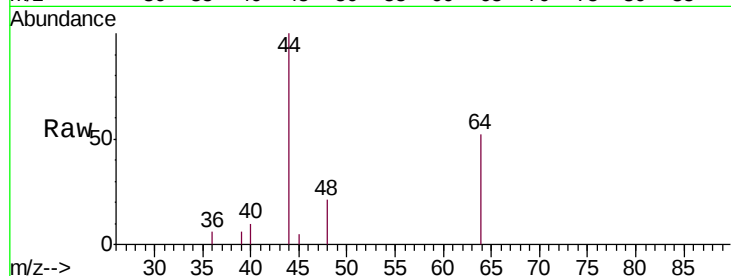
FL-0504

Tot Ion: 64 Resp: 1946

Ion Ratio Lower Upper

64 100

66 0.0 26.3 39.5#



#11

Tert butyl alcohol

Concen: 0.32 ug/l

RT: 3.08 min Scan# 409

Delta R.T. -0.01 min

Lab File: VX003693.D

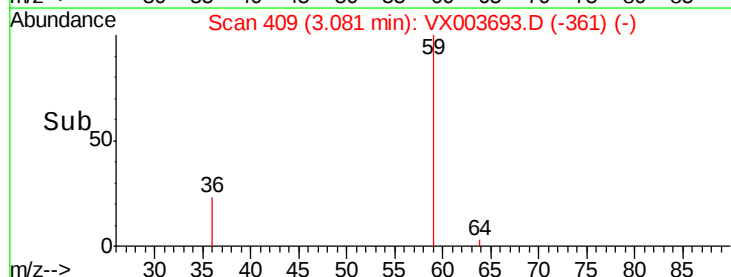
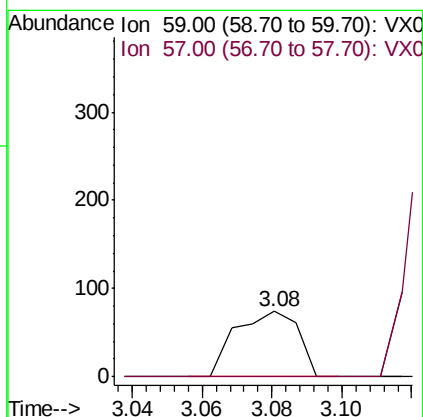
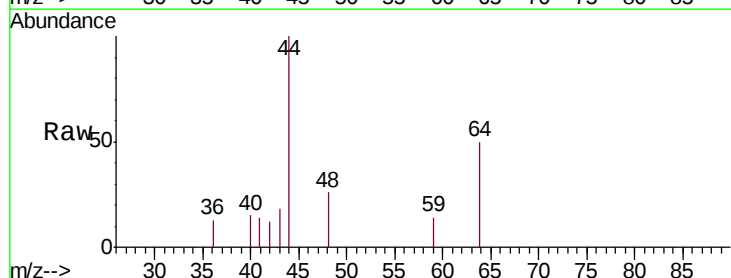
Acq: 27 Jul 2018 02:53

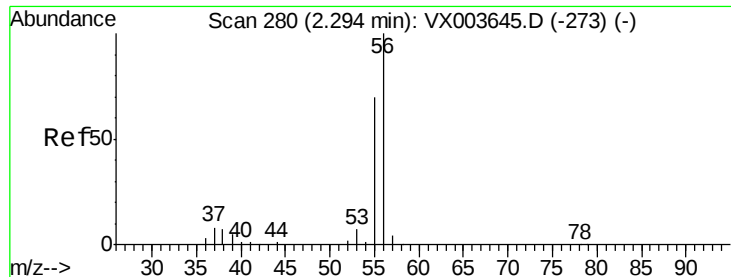
Tgt Ion: 59 Resp: 92

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#





#13

Acrolein

Concen: 69.67 ug/l

RT: 2.40 min Scan# 297

Delta R.T. 0.10 min

Lab File: VX003693.D

Acq: 27 Jul 2018 02:53

Instrument :

MSVOA_X

ClientSampled :

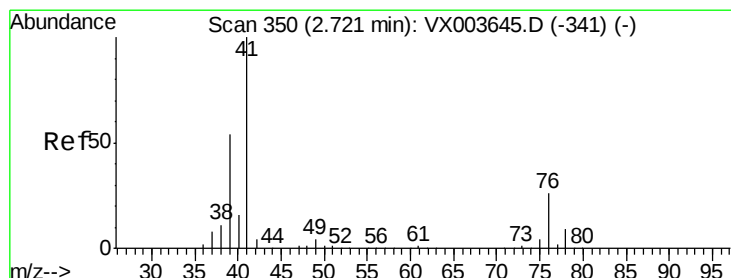
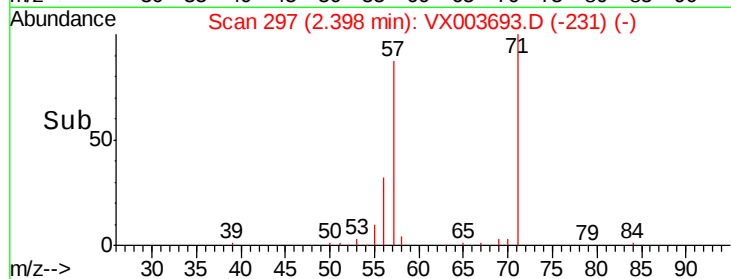
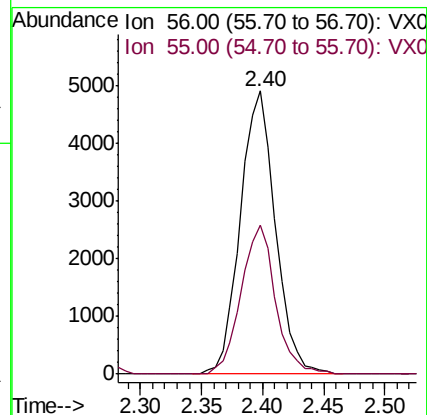
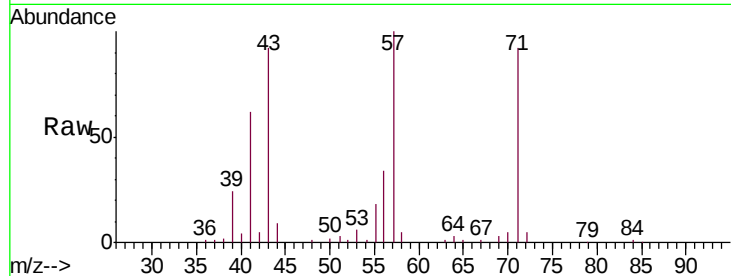
FL-0504

Tot Ion: 56 Resp: 9761

Ion Ratio Lower Upper

56 100

55 51.8 55.4 83.2#



#14

Allyl chloride

Concen: 11.55 ug/l

RT: 2.84 min Scan# 370

Delta R.T. 0.12 min

Lab File: VX003693.D

Acq: 27 Jul 2018 02:53

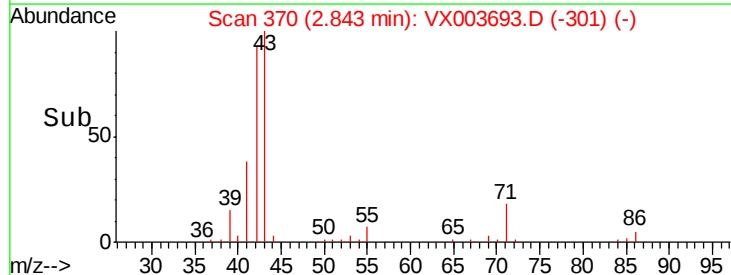
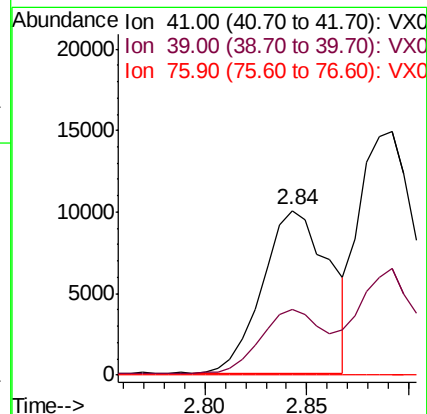
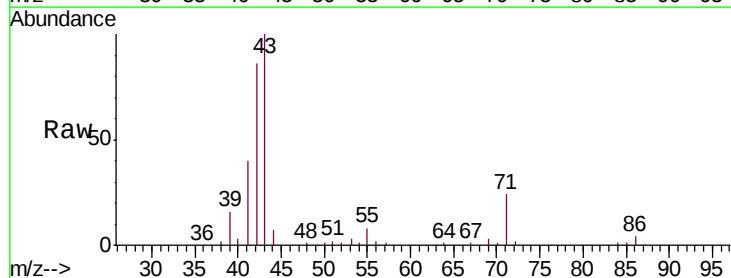
Tgt Ion: 41 Resp: 22762

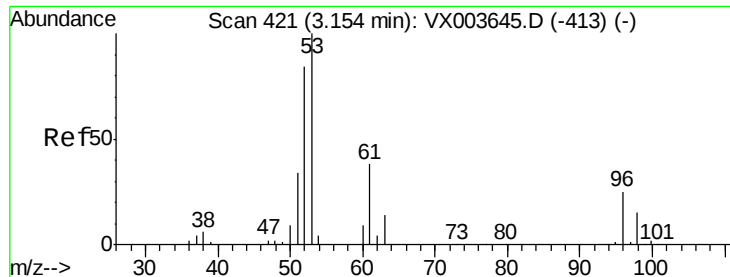
Ion Ratio Lower Upper

41 100

39 36.5 45.3 67.9#

76 0.0 23.8 35.6#





#15

Acrylonitrile

Concen: 5.95 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.02 min

Lab File: VX003693.D

Acq: 27 Jul 2018 02:53

Instrument :

MSVOA_X

ClientSampleId :

FL-0504

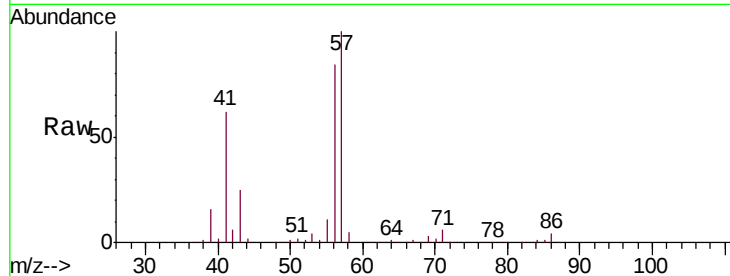
Tot Ion: 53 Resp: 4158

Ion Ratio Lower Upper

53 100

52 21.7 66.1 99.1#

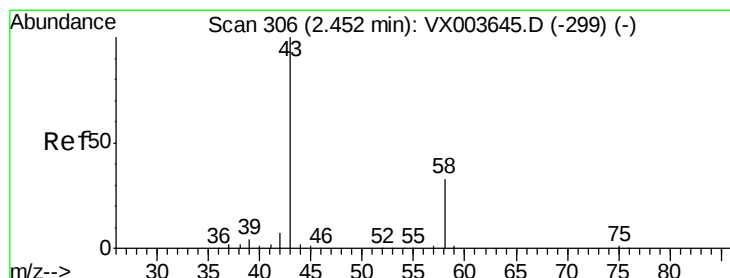
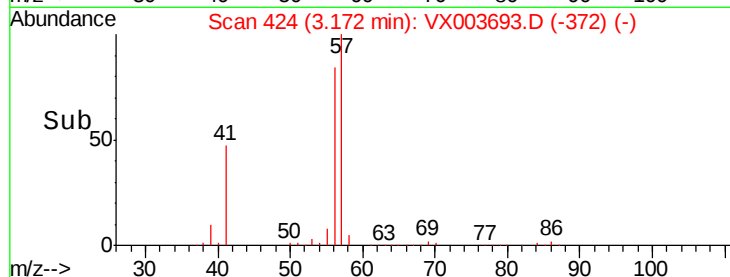
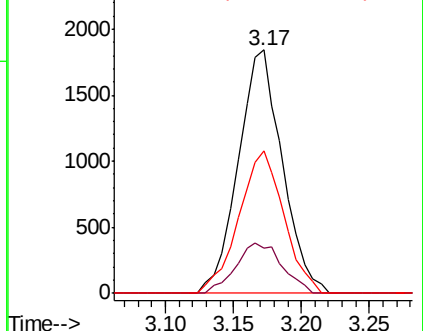
51 59.9 28.2 42.4#



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: 5.49 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX003693.D

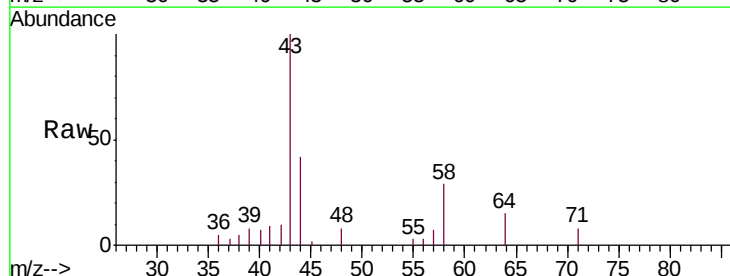
Acq: 27 Jul 2018 02:53

Tgt Ion: 43 Resp: 3122

Ion Ratio Lower Upper

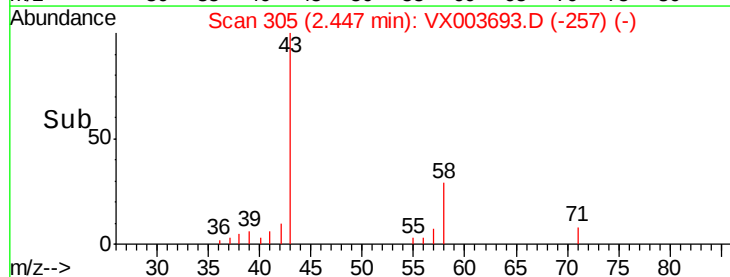
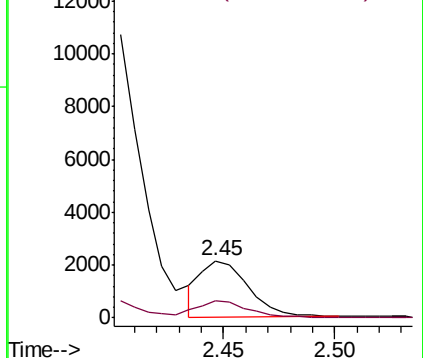
43 100

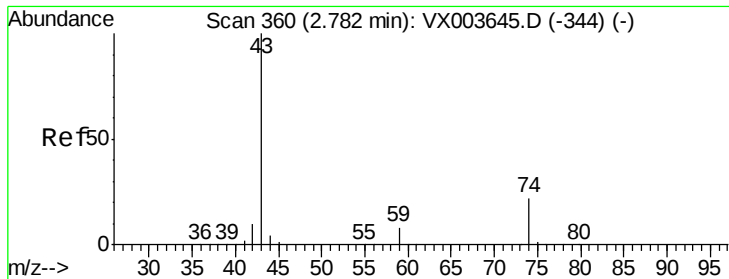
58 29.8 26.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

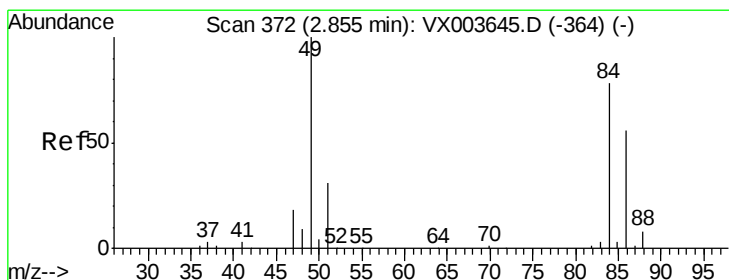
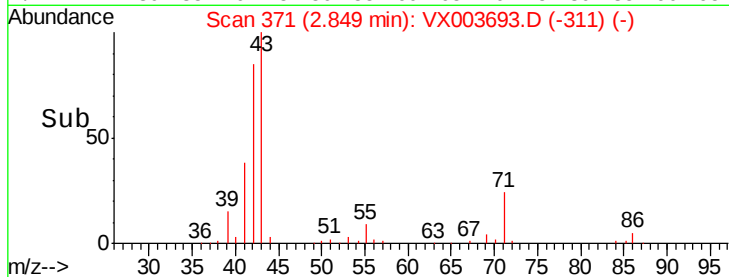
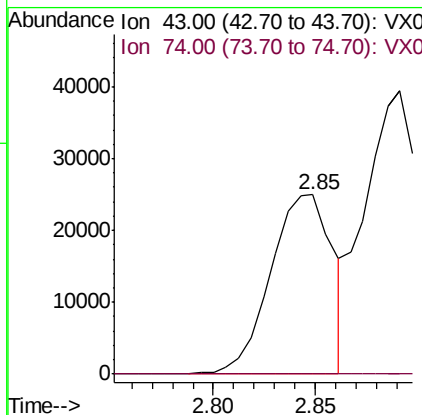
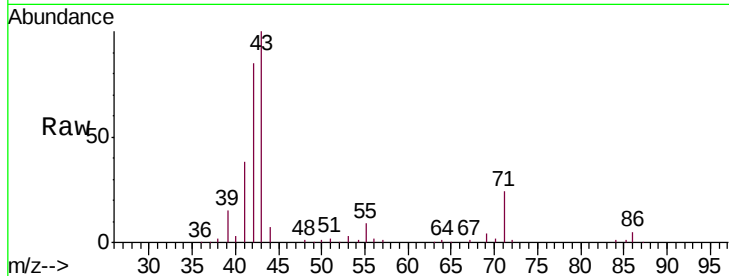




#18
Methvl Acetate
Concen: 30.46 ug/l
RT: 2.85 min Scan# 371
Delta R.T. 0.07 min
Lab File: VX003693.D
Acq: 27 Jul 2018 02:53

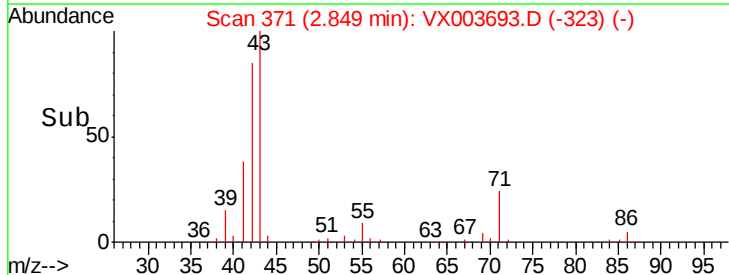
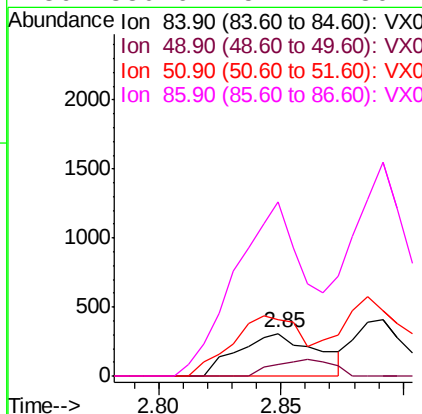
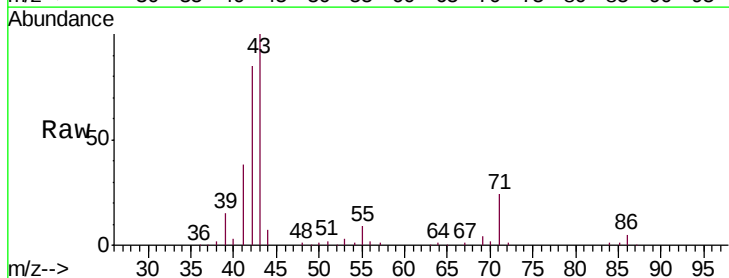
Instrument :
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FL-0504

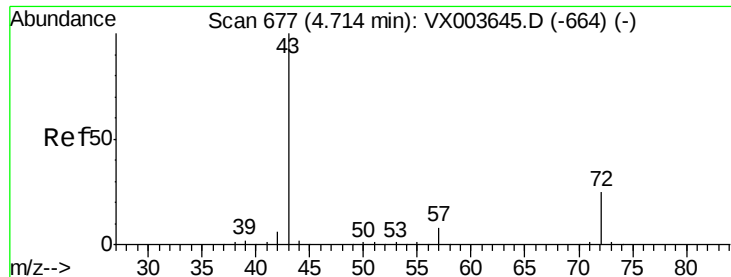
Tot Ion: 43 Resp: 52318
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#



#20
Methylene Chloride
Concen: 0.62 ug/l
RT: 2.85 min Scan# 371
Delta R.T. -0.01 min
Lab File: VX003693.D
Acq: 27 Jul 2018 02:53

Tgt Ion: 84 Resp: 695
Ion Ratio Lower Upper
84 100
49 26.5 102.3 153.5#
51 132.0 31.8 47.8#
86 380.6 57.4 86.2#





#25

2-Butanone

Concen: 1.08 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX003693.D

Acq: 27 Jul 2018 02:53

Instrument :

MSVOA_X

ClientSampleId :

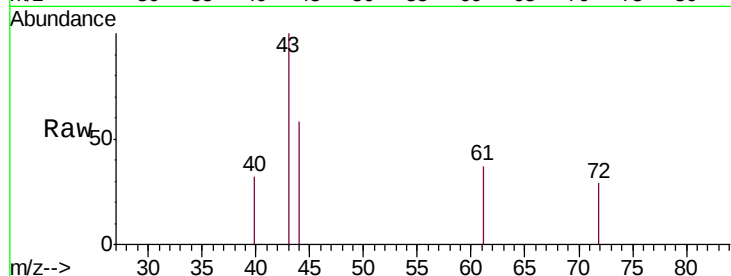
FL-0504

Tot Ion: 43 Resp: 947

Ion Ratio Lower Upper

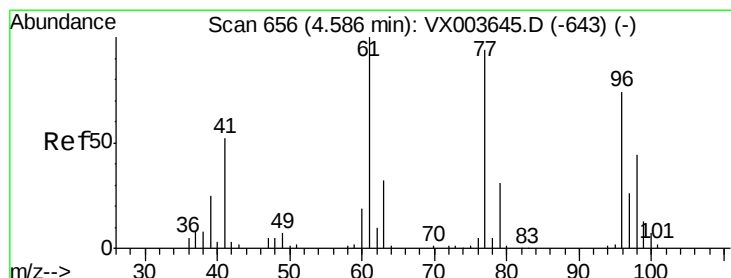
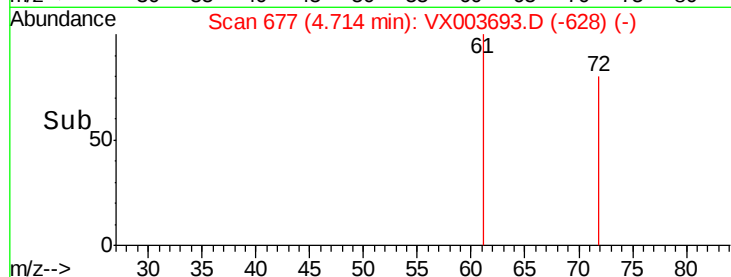
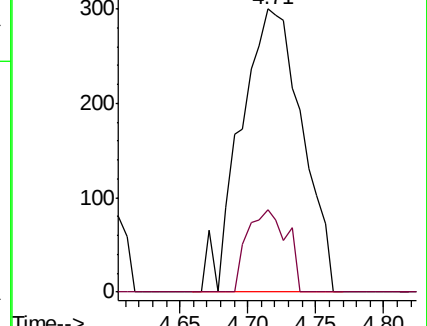
43 100

72 29.3 20.2 30.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 0.98 ug/l

RT: 4.40 min Scan# 625

Delta R.T. -0.19 min

Lab File: VX003693.D

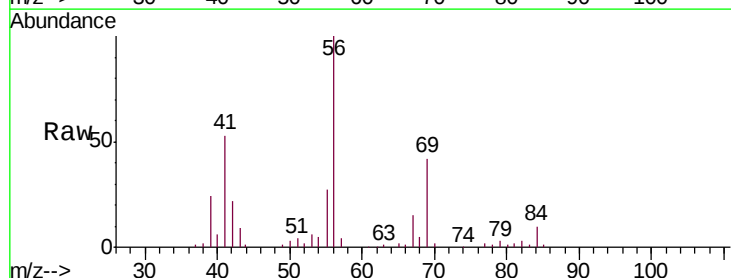
Acq: 27 Jul 2018 02:53

Tgt Ion: 77 Resp: 1251

Ion Ratio Lower Upper

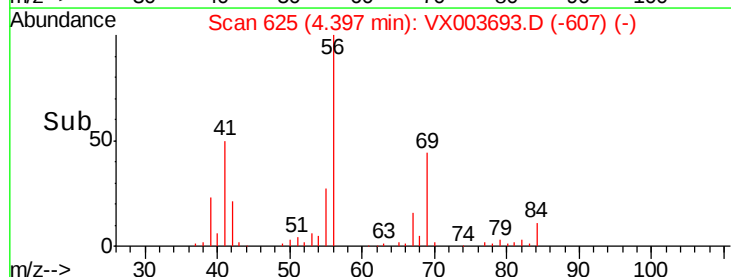
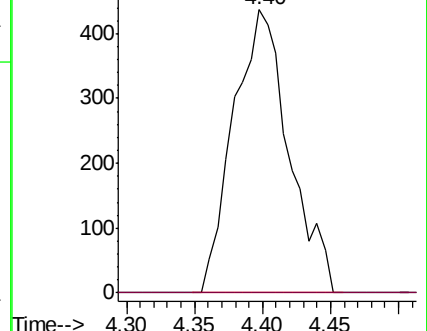
77 100

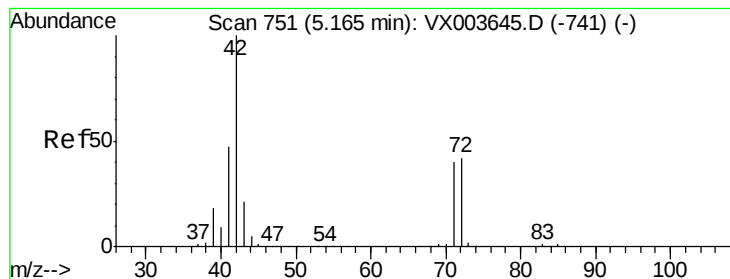
97 0.0 12.0 36.0#



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#29

Tetrahydrofuran

Concen: 1.33 ug/l

RT: 5.24 min Scan# 763

Delta R.T. 0.07 min

Lab File: VX003693.D

Acq: 27 Jul 2018 02:53

Instrument :

MSVOA_X

ClientSampleId :

FL-0504

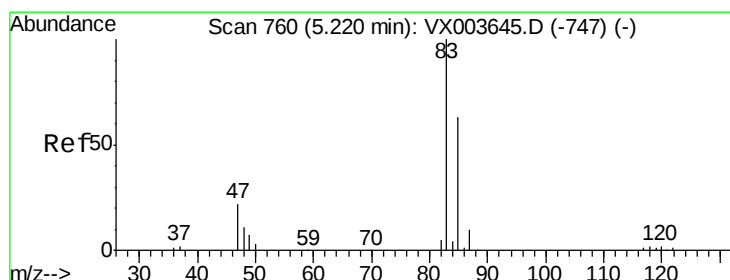
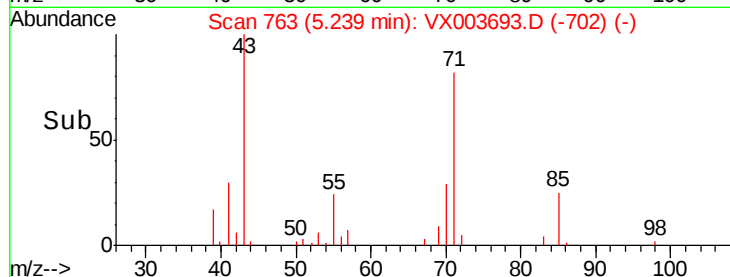
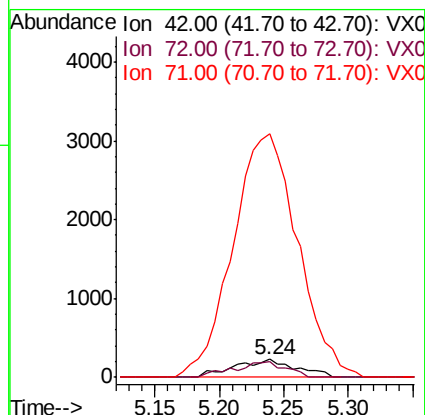
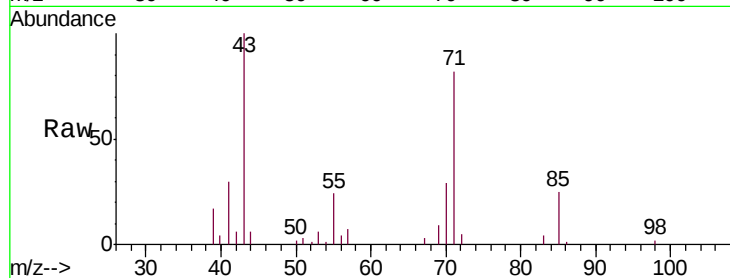
Tot Ion: 42 Resp: 758

Ion Ratio Lower Upper

42 100

72 73.4 33.4 50.0#

71 1423.0 31.0 46.6#



#30

Chloroform

Concen: 0.23 ug/l

RT: 5.24 min Scan# 763

Delta R.T. 0.02 min

Lab File: VX003693.D

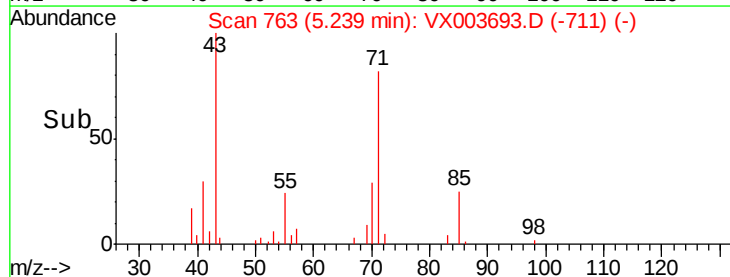
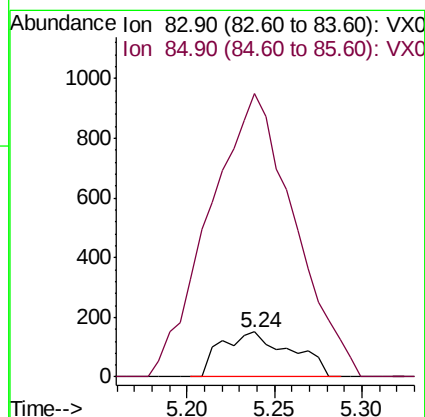
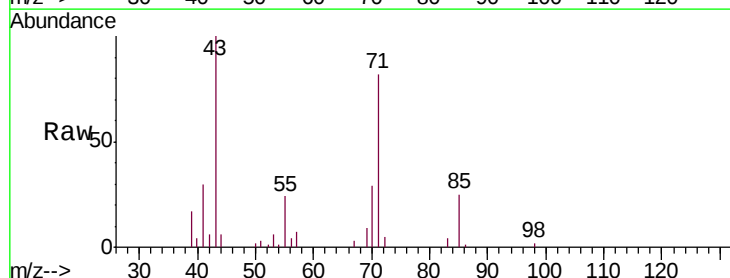
Acq: 27 Jul 2018 02:53

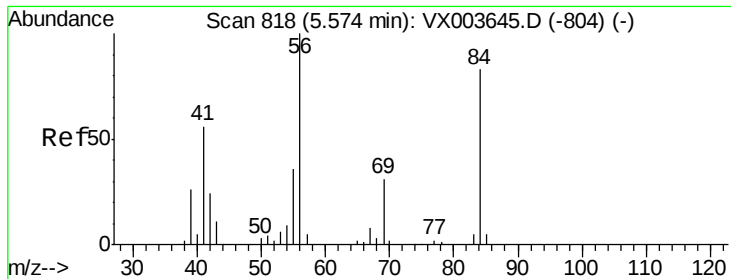
Tgt Ion: 83 Resp: 421

Ion Ratio Lower Upper

83 100

85 540.8 50.2 75.4#

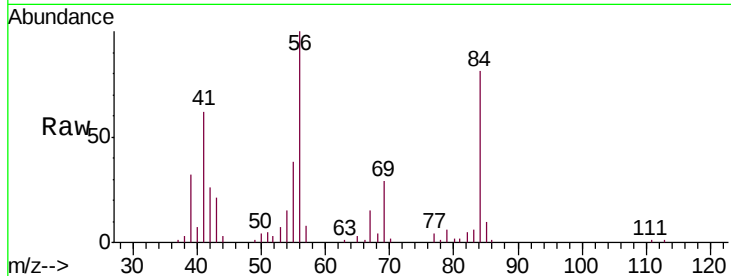




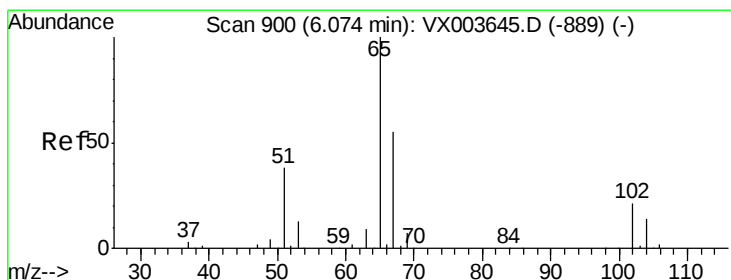
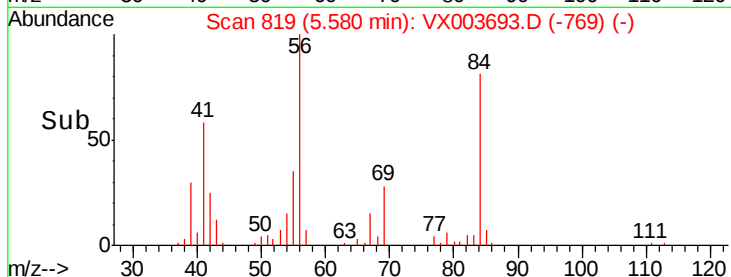
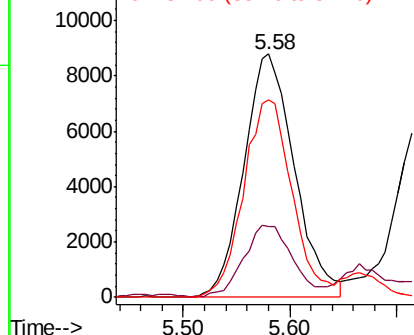
#31
Cyclohexane
Concen: 17.94 ug/l
RT: 5.58 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX003693.D
Acq: 27 Jul 2018 02:53

Instrument :
MSVOA_X
ClientSampleId :
FL-0504

Tot Ion: 56 Resp: 29194
Ion Ratio Lower Upper
56 100
69 28.9 25.0 37.6
84 81.0 66.5 99.7

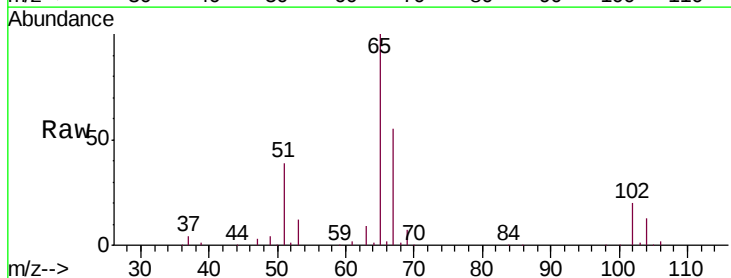


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

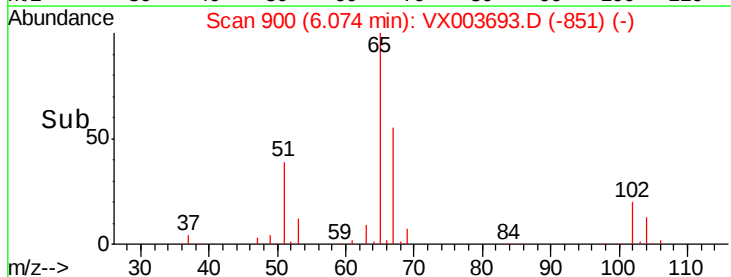
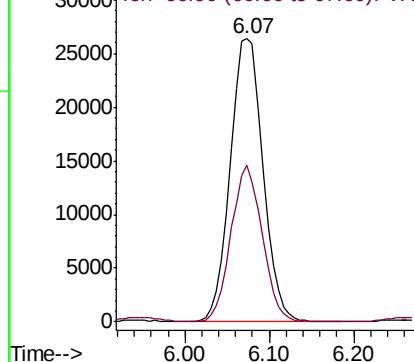


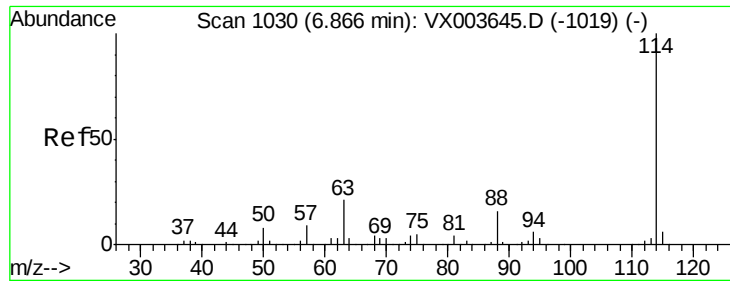
#33
1,2-Dichloroethane-d4
Concen: 57.47 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX003693.D
Acq: 27 Jul 2018 02:53

Tgt Ion: 65 Resp: 69571
Ion Ratio Lower Upper
65 100
67 52.8 0.0 107.8



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

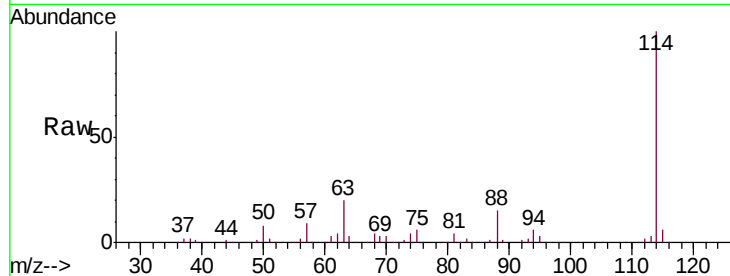




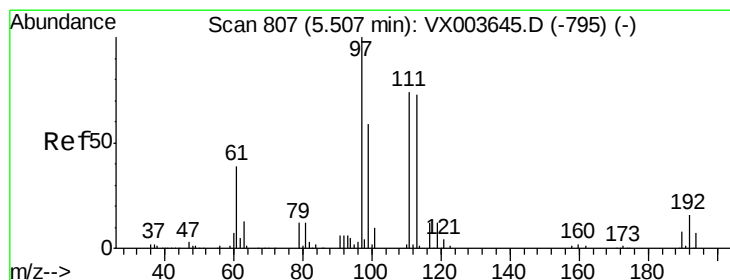
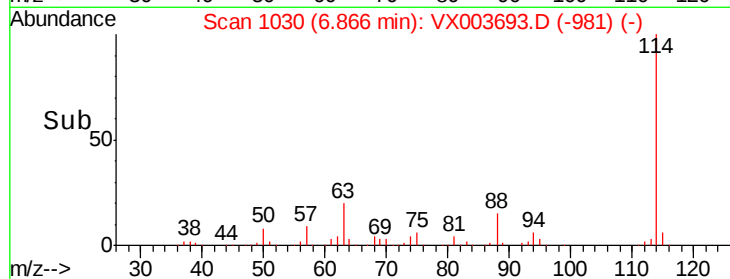
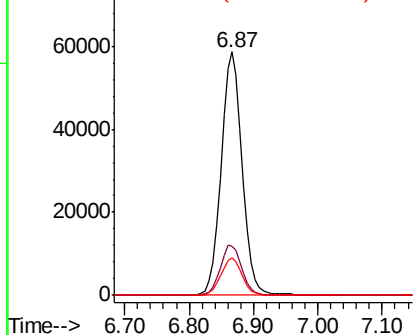
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VX003693.D
Acq: 27 Jul 2018 02:53

Instrument :
MSVOA_X
ClientSampleId :
FL-0504

Tot Ion:114 Resp: 134935
Ion Ratio Lower Upper
114 100
63 20.4 0.0 41.0
88 15.3 0.0 31.8

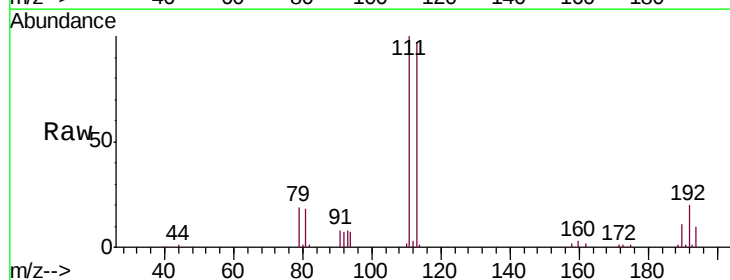


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

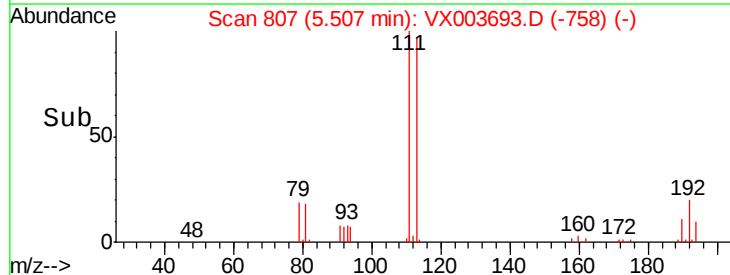
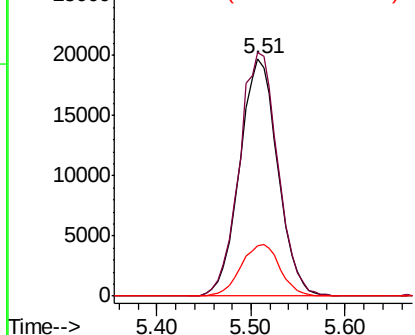


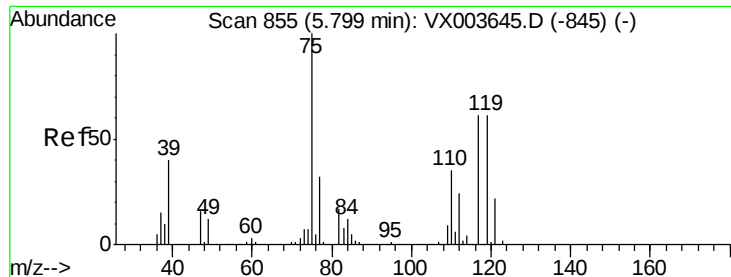
#35
Dibromofluoromethane
Concen: 50.55 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX003693.D
Acq: 27 Jul 2018 02:53

Tgt Ion:113 Resp: 55764
Ion Ratio Lower Upper
113 100
111 104.0 81.2 121.8
192 22.2 18.2 27.4



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

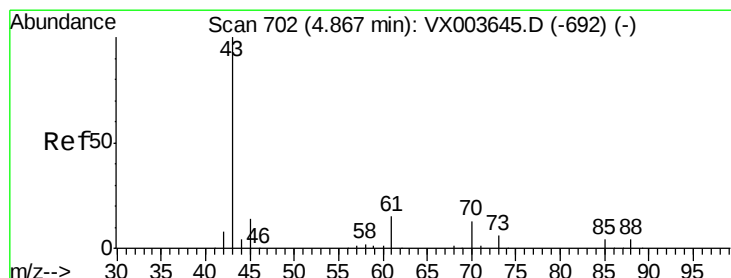
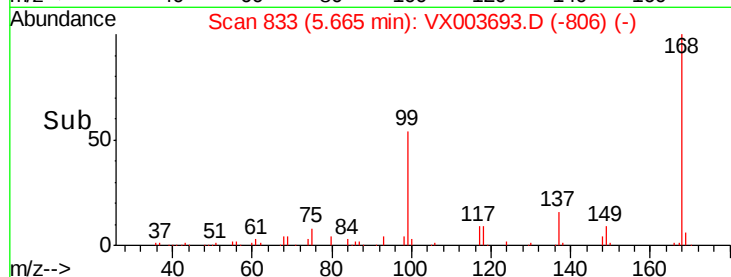
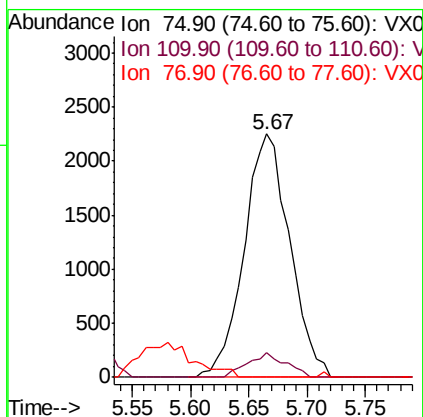
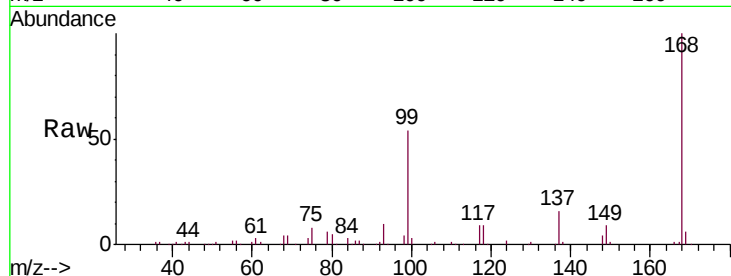




#36
 1,1-Dichloropropene
 Concen: 3.88 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.13 min
 Lab File: VX003693.D
 Acq: 27 Jul 2018 02:53

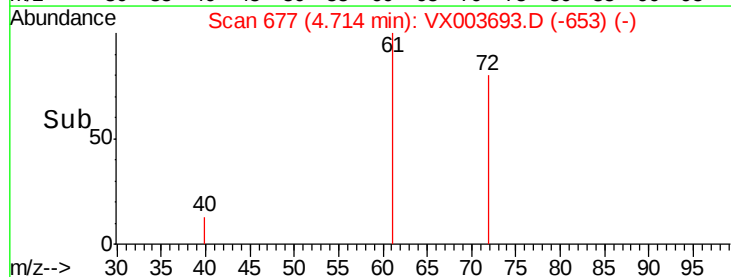
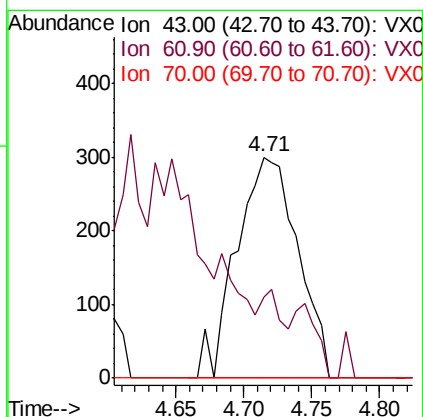
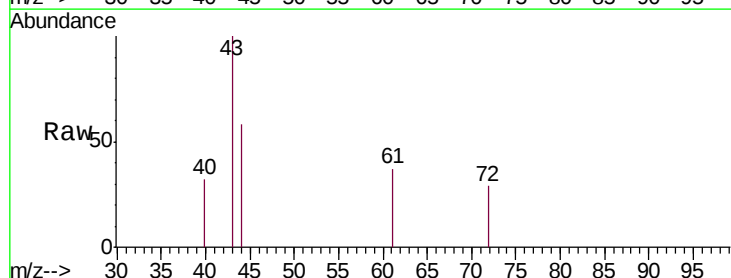
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0504

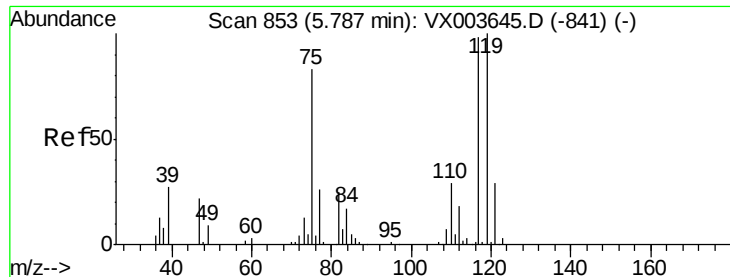
Tot Ion: 75 Resp: 6113
 Ion Ratio Lower Upper
 75 100
 110 8.5 18.1 54.1#
 77 0.0 25.1 37.7#



#37
 Ethyl Acetate
 Concen: 0.50 ug/l
 RT: 4.71 min Scan# 677
 Delta R.T. -0.15 min
 Lab File: VX003693.D
 Acq: 27 Jul 2018 02:53

Tgt Ion: 43 Resp: 947
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.9 17.9#
 70 0.0 8.6 12.8#





#38

Carbon Tetrachloride

Concen: 5.14 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.12 min

Lab File: VX003693.D

Acq: 27 Jul 2018 02:53

Instrument :

MSVOA_X

ClientSampleId :

FL-0504

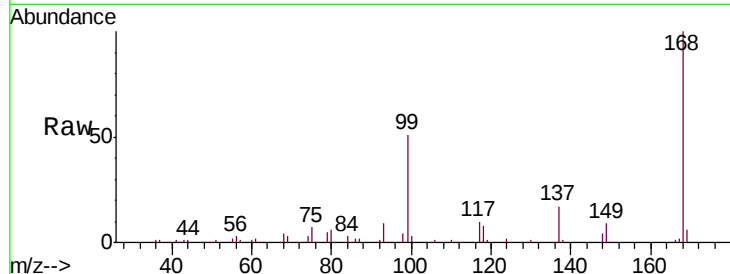
Tot Ion:117 Resp: 7817

Ion Ratio Lower Upper

117 100

119 6.3 81.0 121.4#

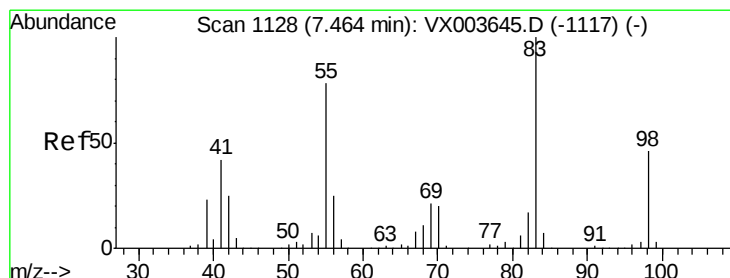
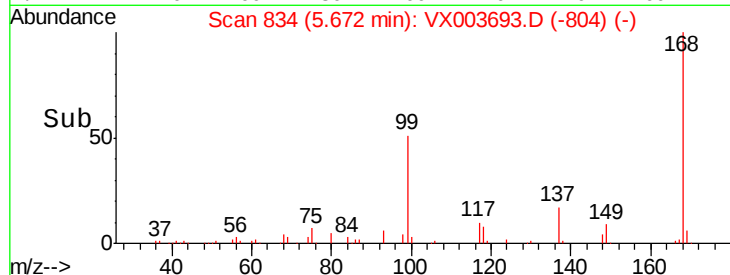
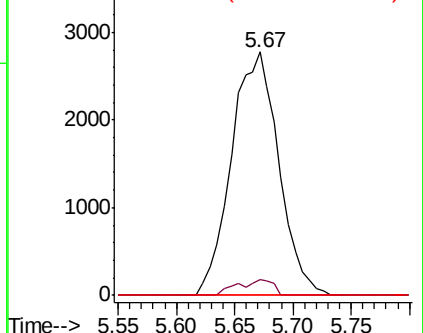
121 0.0 23.7 35.5#



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: 32.78 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX003693.D

Acq: 27 Jul 2018 02:53

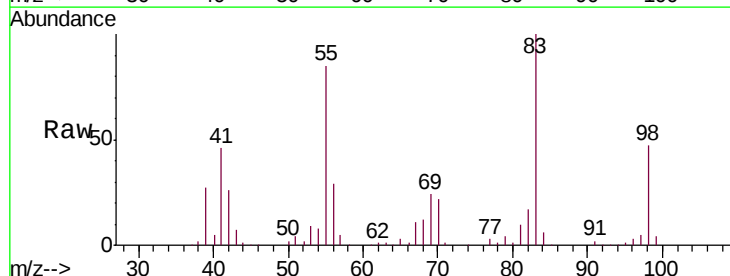
Tgt Ion: 83 Resp: 56918

Ion Ratio Lower Upper

83 100

55 84.4 62.6 93.8

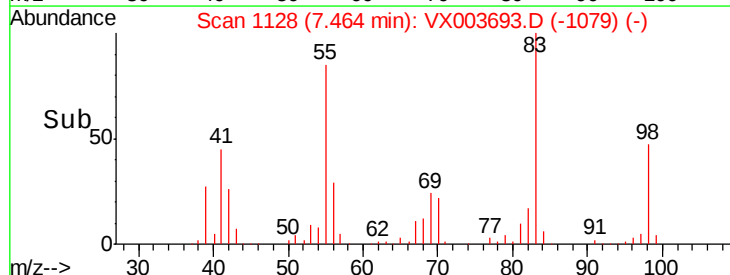
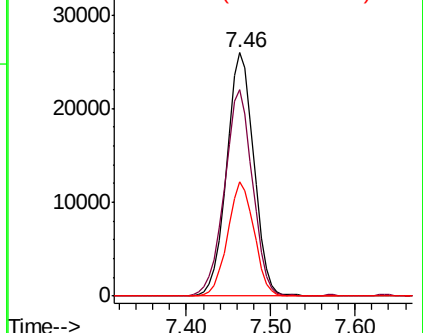
98 46.9 36.6 55.0

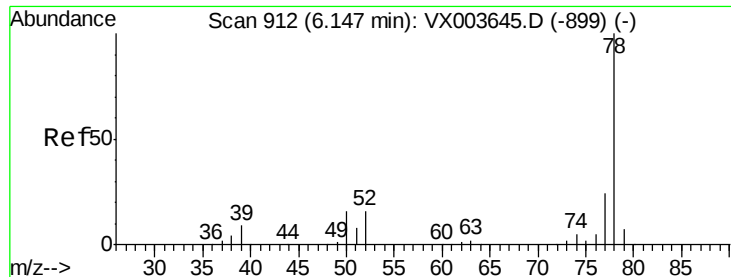


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 11.80 ug/l

RT: 6.15 min Scan# 912

Delta R.T. 0.00 min

Lab File: VX003693.D

Acq: 27 Jul 2018 02:53

Instrument :

MSVOA_X

ClientSampled :

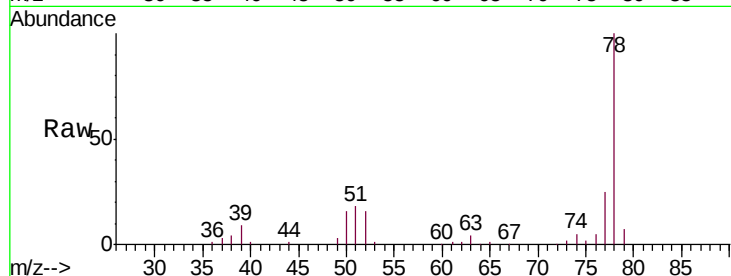
FL-0504

Tot Ion: 78 Resp: 55095

Ion Ratio Lower Upper

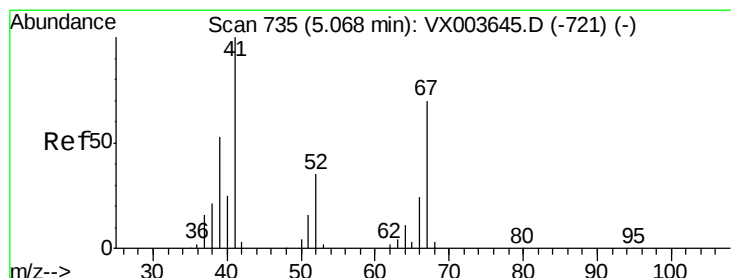
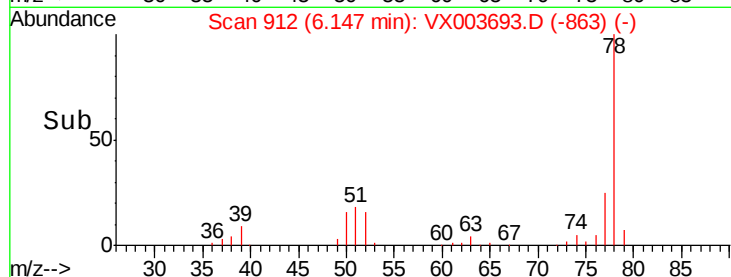
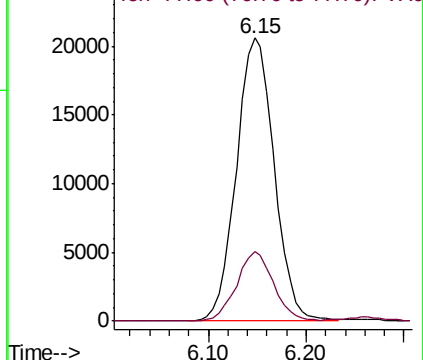
78 100

77 24.6 19.0 28.6



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#41

Methacrylonitrile

Concen: 4.43 ug/l

RT: 5.23 min Scan# 762

Delta R.T. 0.16 min

Lab File: VX003693.D

Acq: 27 Jul 2018 02:53

Tgt Ion: 41 Resp: 4649

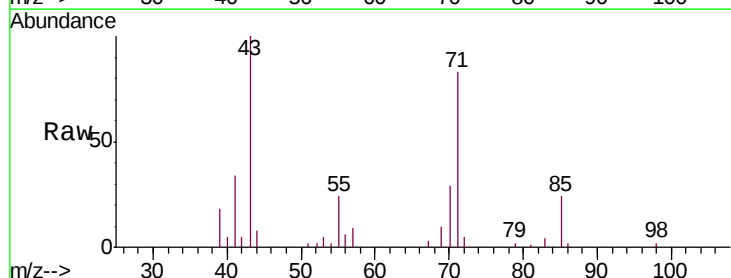
Ion Ratio Lower Upper

41 100

39 50.8 42.2 63.4

67 3.9 56.6 84.8#

52 0.9 24.0 36.0#

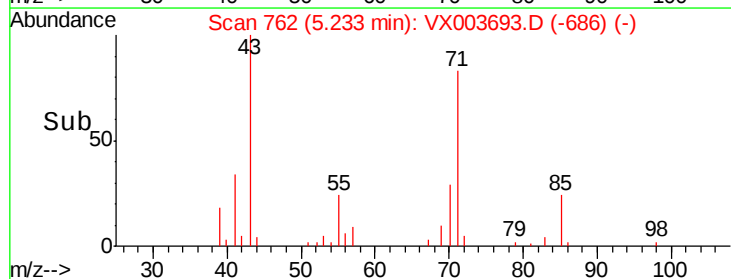
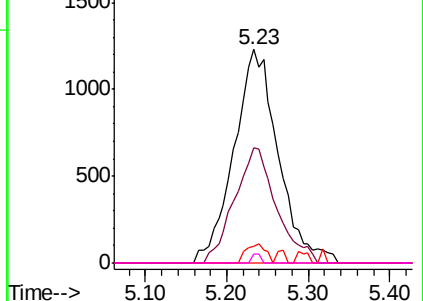


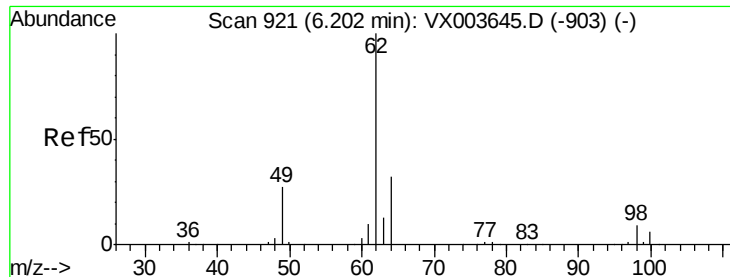
Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

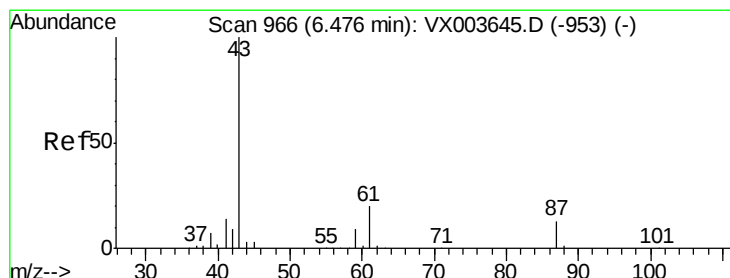
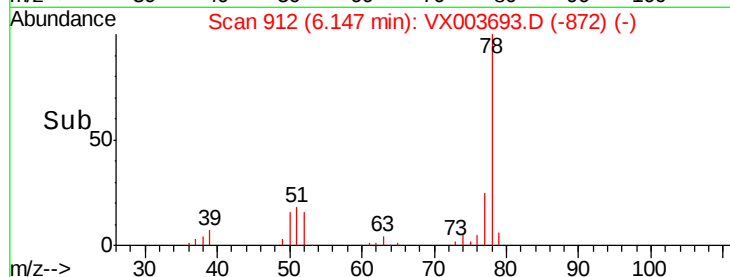
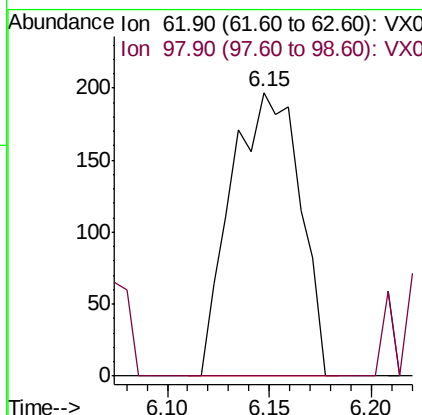
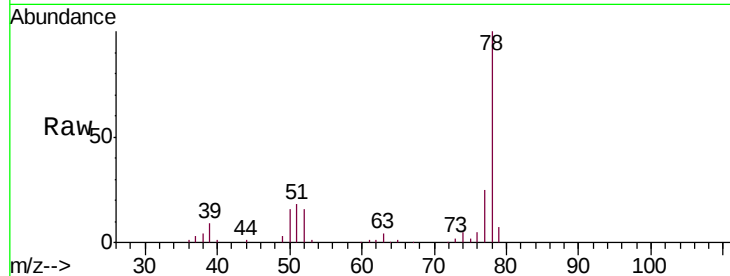




#42
 1,2-Dichloroethane
 Concen: 0.28 ug/l
 RT: 6.15 min Scan# 912
 Delta R.T. -0.05 min
 Lab File: VX003693.D
 Acq: 27 Jul 2018 02:53

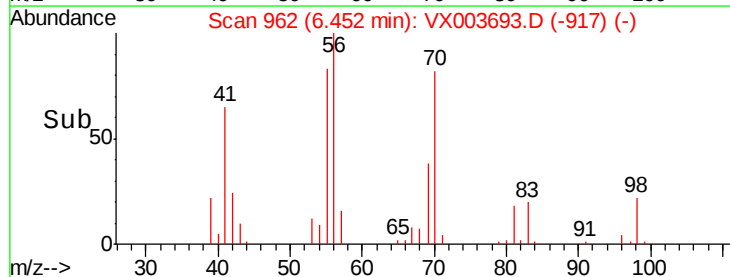
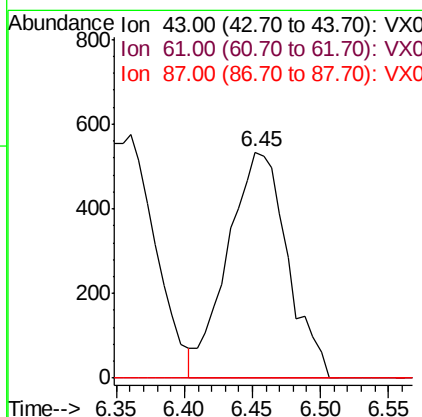
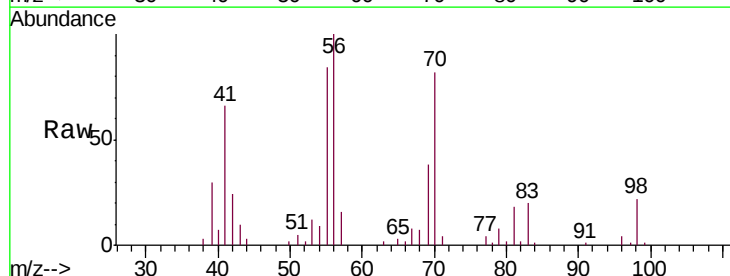
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0504

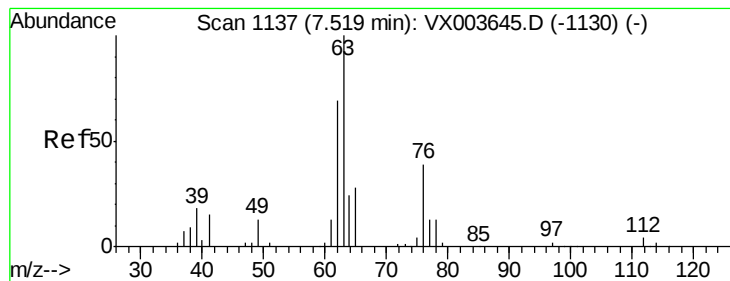
Tot Ion: 62 Resp: 463
 Ion Ratio Lower Upper
 62 100
 98 0.0 0.0 18.4



#43
 Isopropyl Acetate
 Concen: 0.59 ug/l
 RT: 6.45 min Scan# 962
 Delta R.T. -0.02 min
 Lab File: VX003693.D
 Acq: 27 Jul 2018 02:53

Tgt Ion: 43 Resp: 1634
 Ion Ratio Lower Upper
 43 100
 61 0.0 15.9 23.9#
 87 0.0 10.1 15.1#





#45

1,2-Dichloropropane

Concen: 0.64 ug/l

RT: 7.46 min Scan# 1127

Delta R.T. -0.06 min

Lab File: VX003693.D

Acq: 27 Jul 2018 02:53

Instrument :

MSVOA_X

ClientSampled :

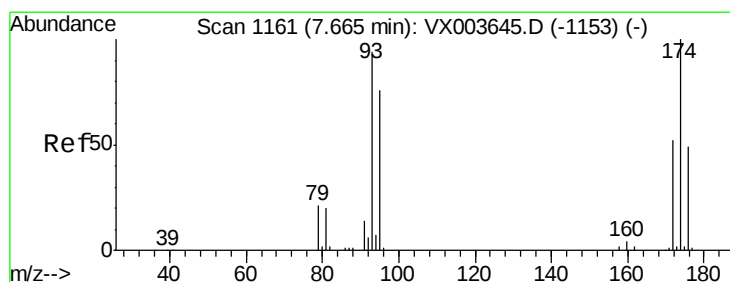
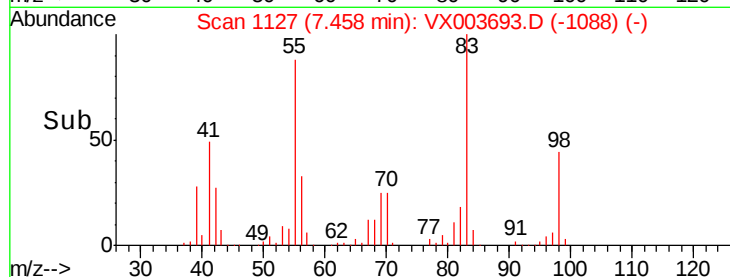
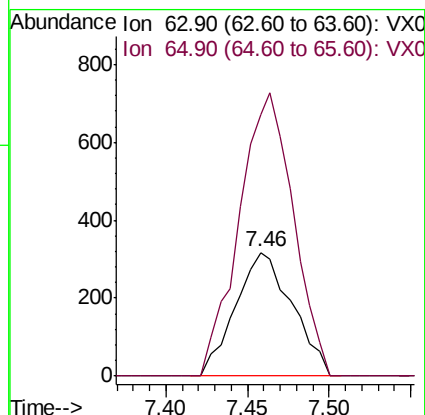
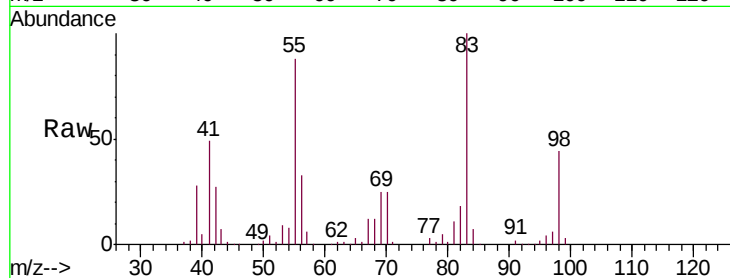
FL-0504

Tot Ion: 63 Resp: 767

Ion Ratio Lower Upper

63 100

65 211.3 24.0 36.0#



#46

Dibromomethane

Concen: 0.35 ug/l

RT: 7.45 min Scan# 1126

Delta R.T. -0.21 min

Lab File: VX003693.D

Acq: 27 Jul 2018 02:53

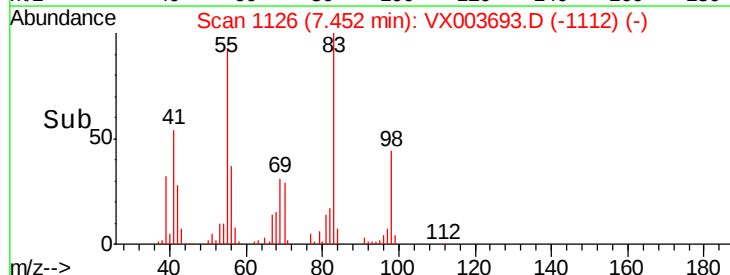
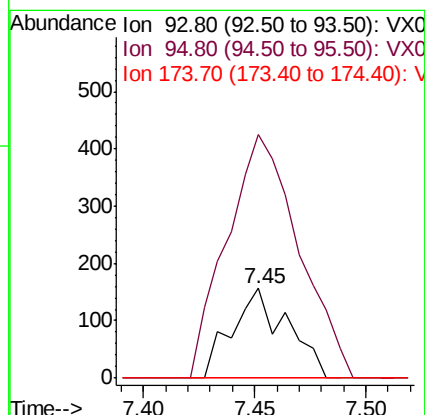
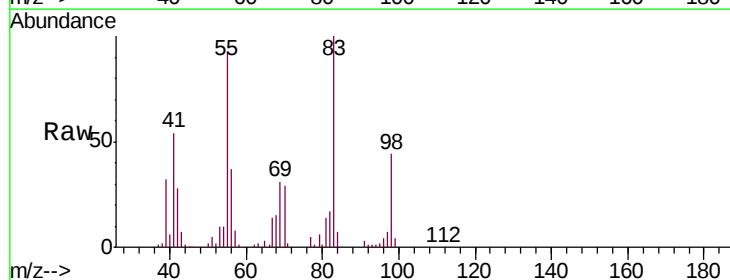
Tgt Ion: 93 Resp: 270

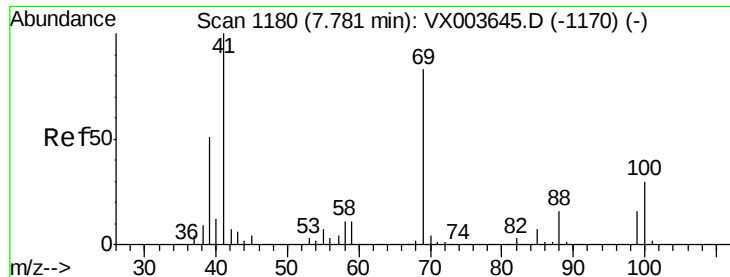
Ion Ratio Lower Upper

93 100

95 354.1 67.0 100.6#

174 0.0 89.6 134.4#

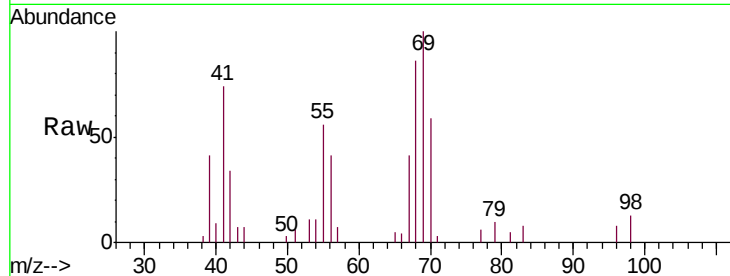




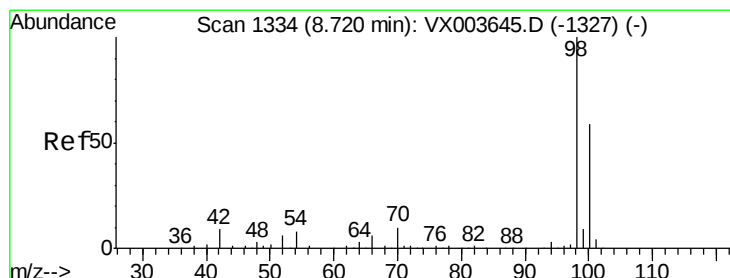
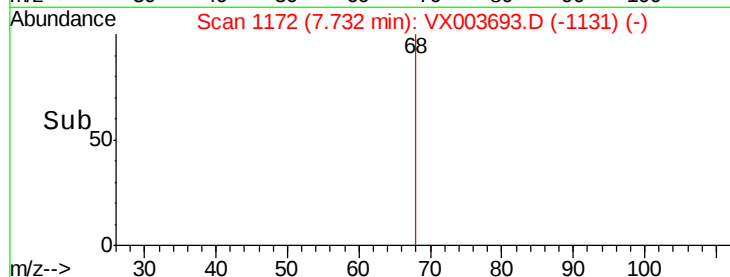
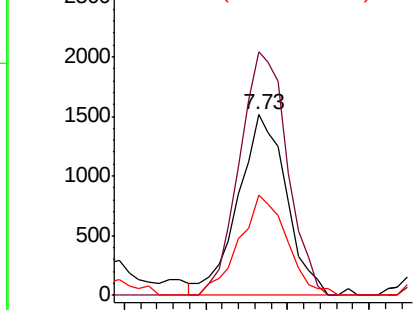
#48
Methvl methacrylate
Concen: 2.22 ug/l
RT: 7.73 min Scan# 1172
Delta R.T. -0.05 min
Lab File: VX003693.D
Acq: 27 Jul 2018 02:53

Instrument :
MSVOA_X
ClientSampled :
FL-0504

Tot Ion: 41 Resp: 3116
Ion Ratio Lower Upper
41 100
69 133.4 66.9 100.3#
39 54.8 41.2 61.8

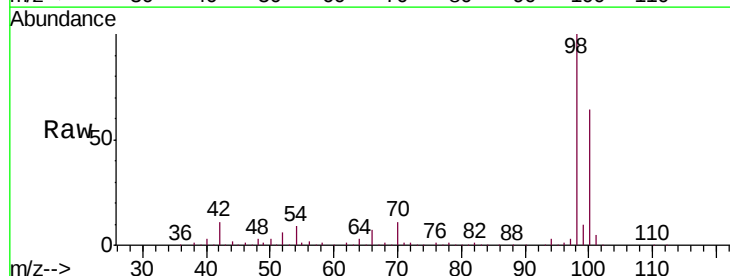


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

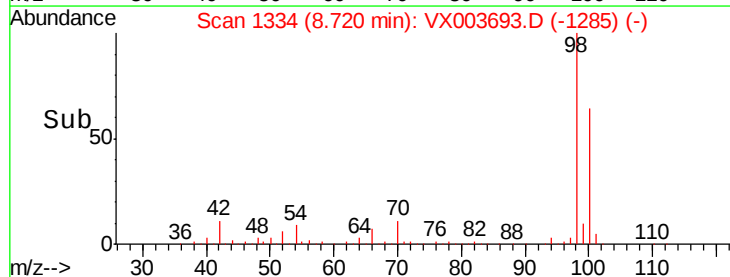
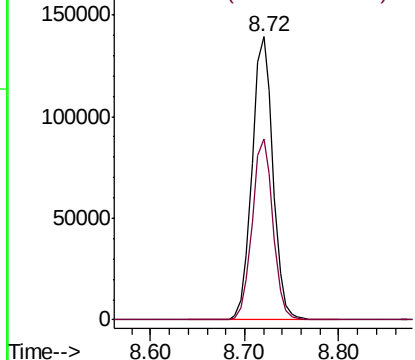


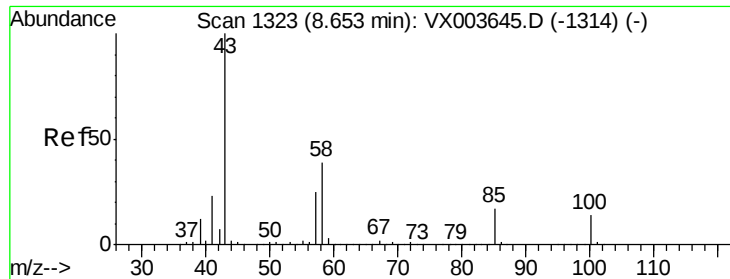
#50
Toluene-d8
Concen: 51.95 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003693.D
Acq: 27 Jul 2018 02:53

Tgt Ion: 98 Resp: 218707
Ion Ratio Lower Upper
98 100
100 63.4 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 0.26 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.01 min

Lab File: VX003693.D

Acq: 27 Jul 2018 02:53

Instrument :

MSVOA_X

ClientSampled :

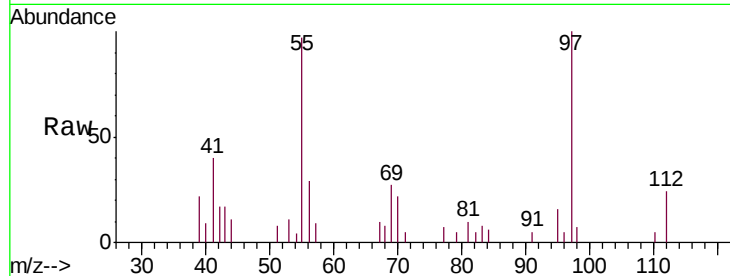
FL-0504

Tot Ion: 43 Resp: 492

Ion Ratio Lower Upper

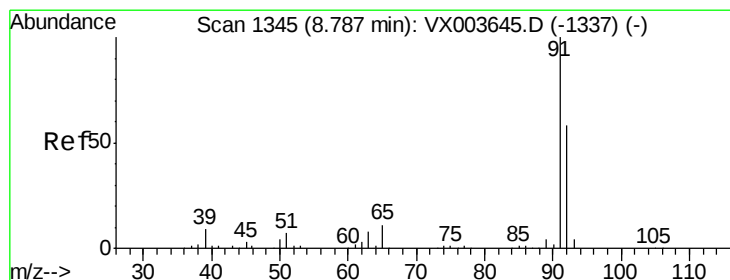
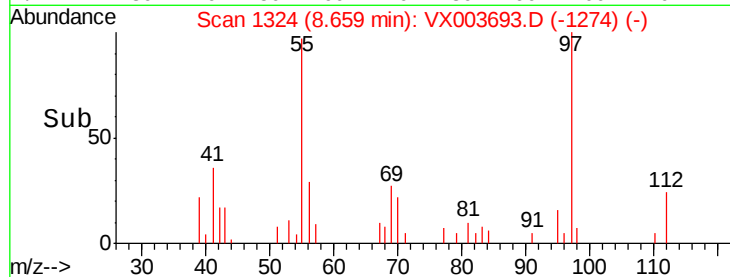
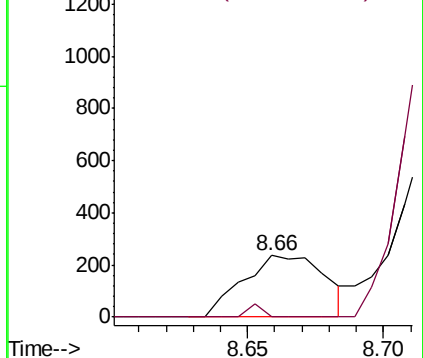
43 100

58 0.0 31.5 47.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 0.37 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003693.D

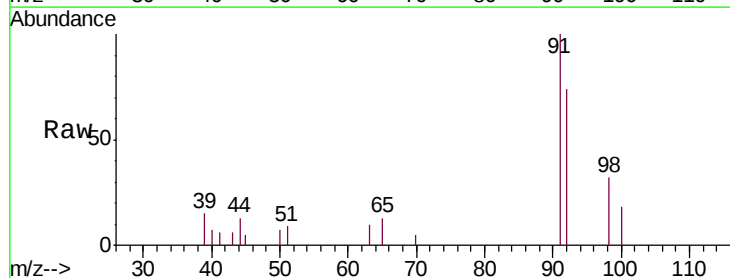
Acq: 27 Jul 2018 02:53

Tgt Ion: 92 Resp: 1082

Ion Ratio Lower Upper

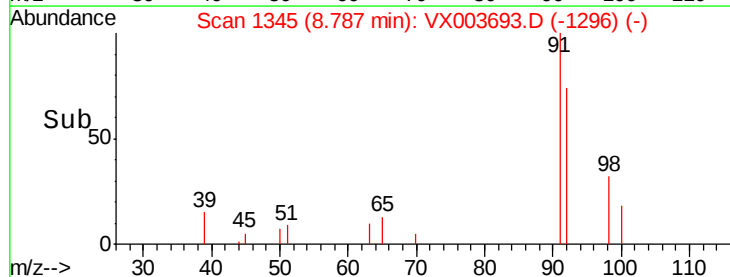
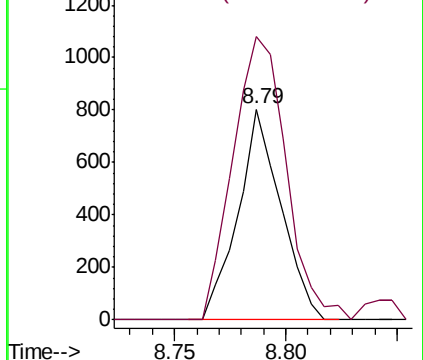
92 100

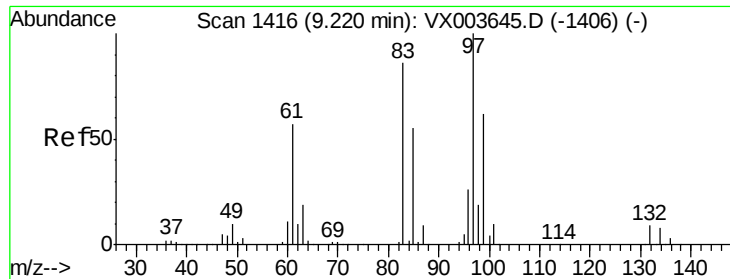
91 166.5 139.0 208.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

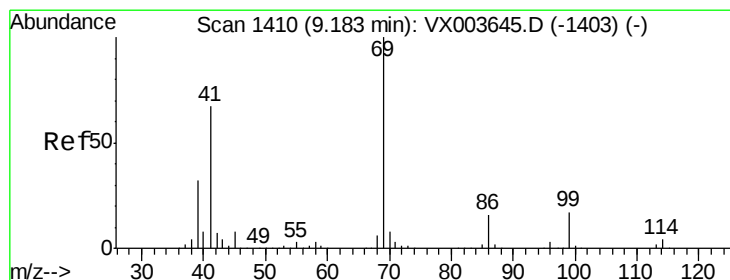
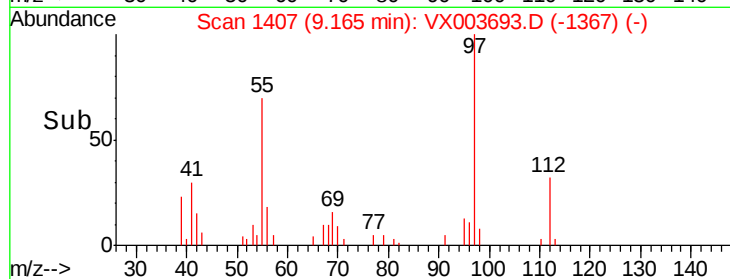
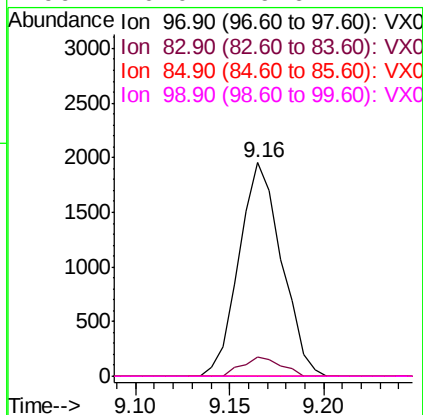
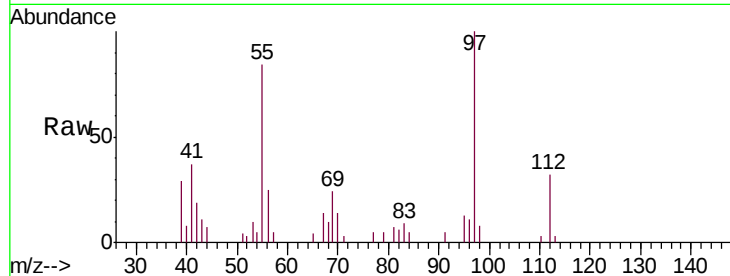




#55
 1,1,2-Trichloroethane
 Concen: 2.58 ug/l
 RT: 9.16 min Scan# 1407
 Delta R.T. -0.05 min
 Lab File: VX003693.D
 Acq: 27 Jul 2018 02:53

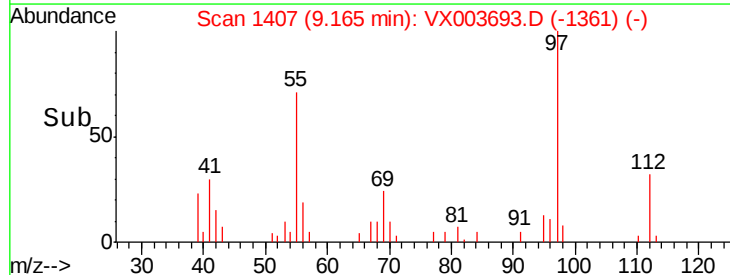
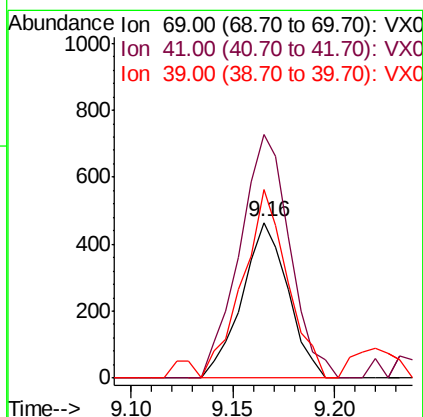
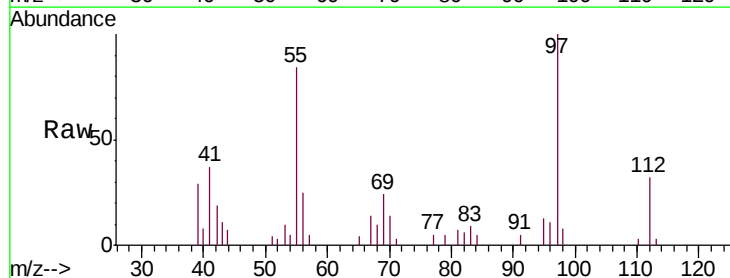
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0504

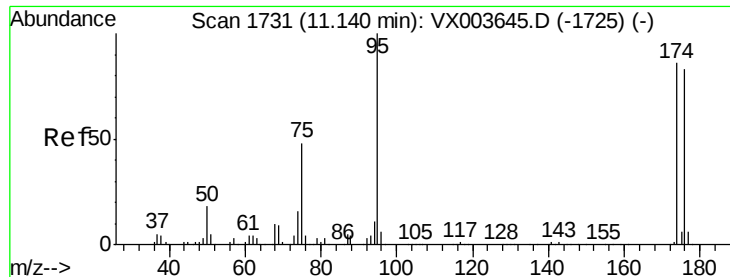
Tot Ion: 97 Resp: 3060
 Ion Ratio Lower Upper
 97 100
 83 8.8 68.7 103.1#
 85 0.0 43.7 65.5#
 99 0.0 49.6 74.4#



#56
 Ethyl methacrylate
 Concen: 0.41 ug/l
 RT: 9.16 min Scan# 1407
 Delta R.T. -0.02 min
 Lab File: VX003693.D
 Acq: 27 Jul 2018 02:53

Tgt Ion: 69 Resp: 730
 Ion Ratio Lower Upper
 69 100
 41 170.4 53.8 80.6#
 39 123.2 25.8 38.8#





#62

4-Bromofluorobenzene

Concen: 50.12 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003693.D

Acq: 27 Jul 2018 02:53

Instrument :

MSVOA_X

ClientSampleId :

FL-0504

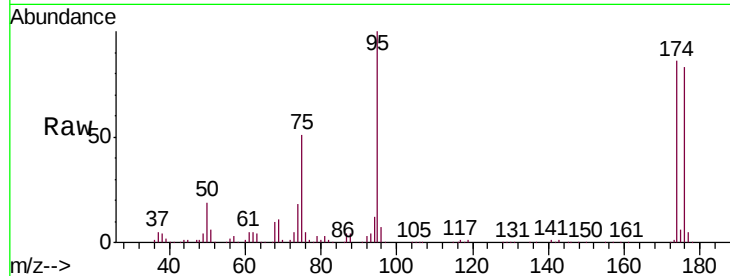
Tot Ion: 95 Resp: 76957

Ion Ratio Lower Upper

95 100

174 87.3 0.0 179.0

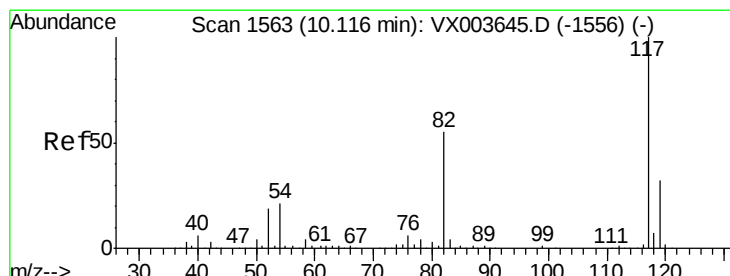
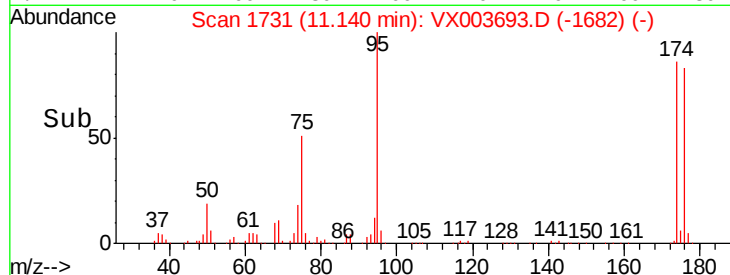
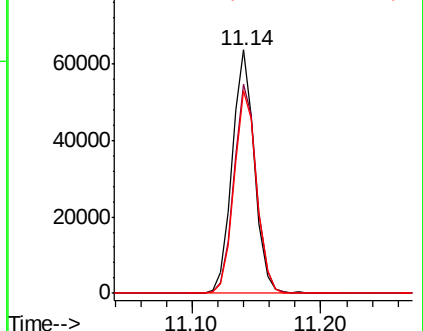
176 84.3 0.0 173.0



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: VX003693.D

Acq: 27 Jul 2018 02:53

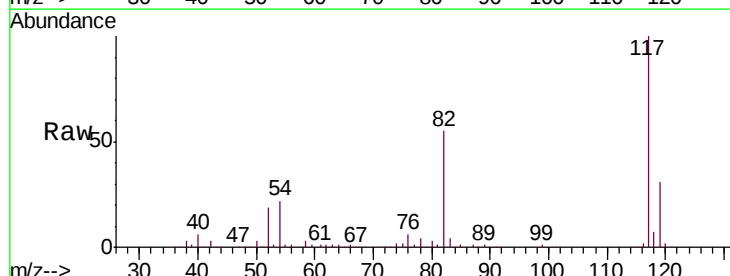
Tgt Ion: 117 Resp: 131165

Ion Ratio Lower Upper

117 100

82 55.4 44.3 66.5

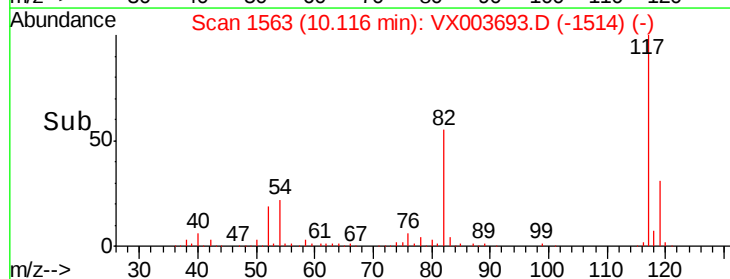
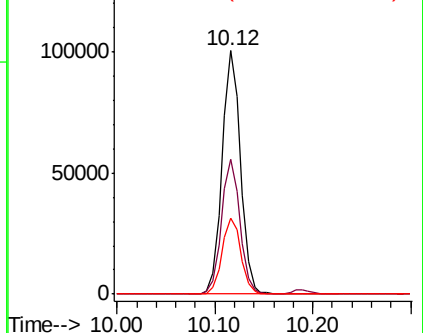
119 31.4 25.6 38.4

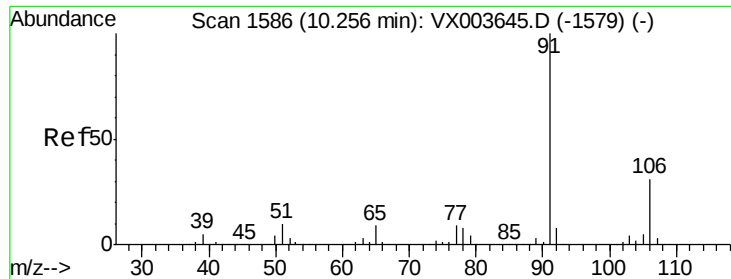


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#67

Ethyl Benzene

Concen: 50.79 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX003693.D

Acq: 27 Jul 2018 02:53

Instrument :

MSVOA_X

ClientSampleId :

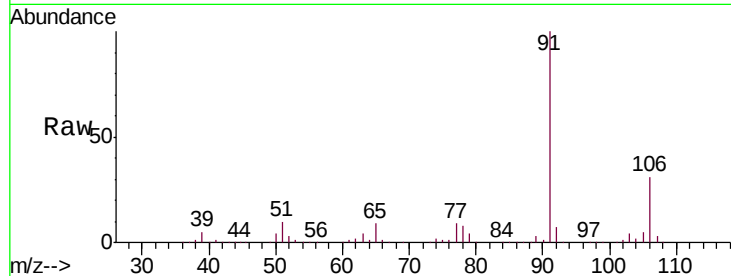
FL-0504

Tot Ion: 91 Resp: 280627

Ion Ratio Lower Upper

91 100

106 30.7 25.0 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX003645.D (-1579) (-)

Ion 106.00 (105.70 to 106.70): VX003645.D (-1579) (-)

10.26

200000

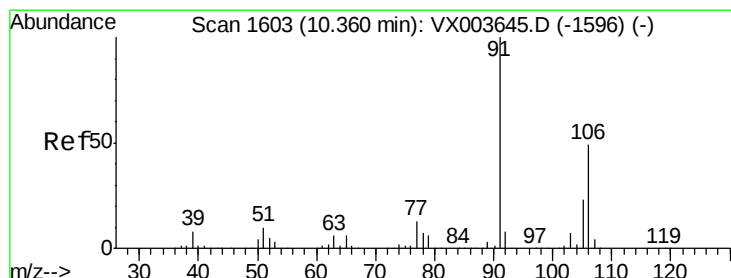
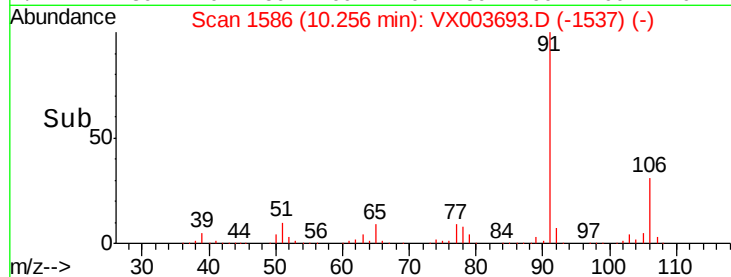
150000

100000

50000

0

Time-->



#68

m/p-Xylenes

Concen: 48.13 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.01 min

Lab File: VX003693.D

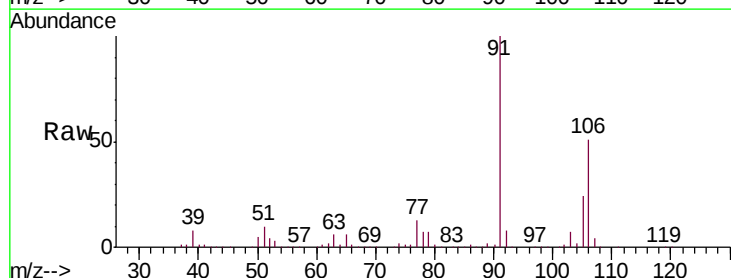
Acq: 27 Jul 2018 02:53

Tgt Ion: 106 Resp: 102033

Ion Ratio Lower Upper

106 100

91 203.1 162.2 243.2



Abundance Ion 106.00 (105.70 to 106.70): VX003693.D (-1554) (-)

Ion 91.00 (90.70 to 91.70): VX003645.D (-1596) (-)

10.37

250000

200000

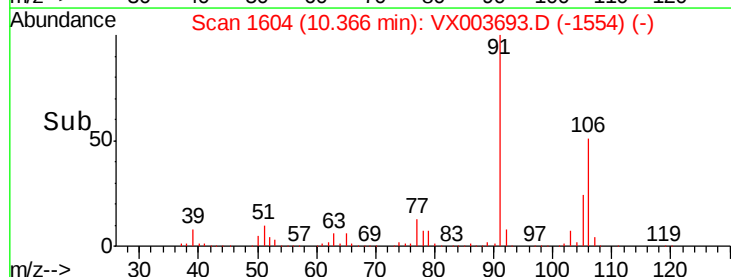
150000

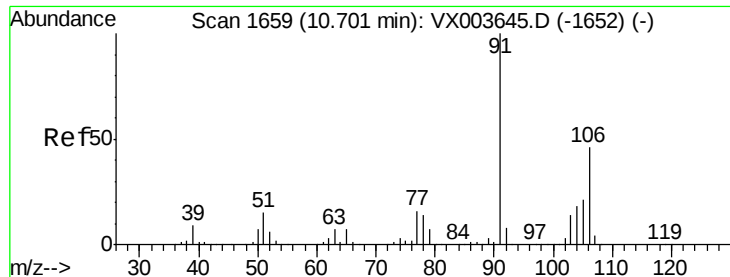
100000

50000

0

Time-->

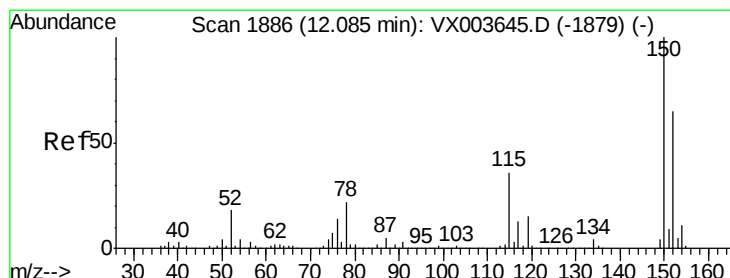
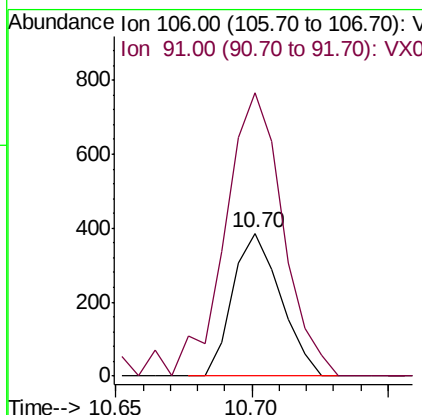
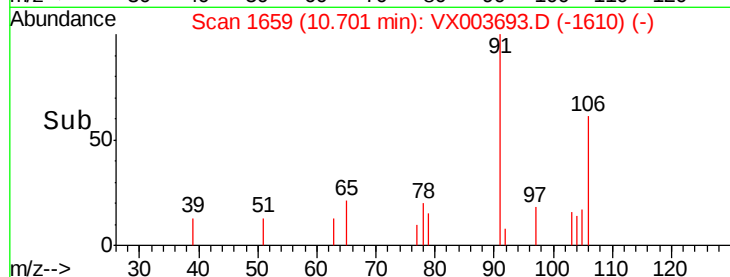
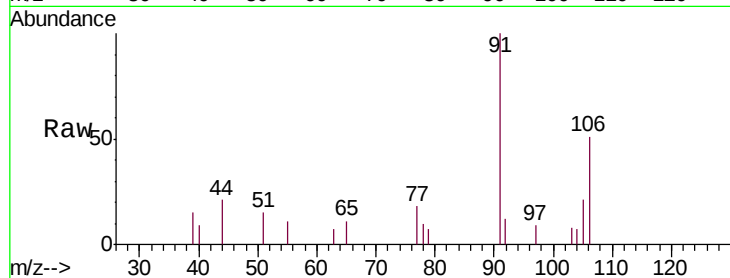




#69
o-Xylene
Concen: 0.23 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003693.D
Acq: 27 Jul 2018 02:53

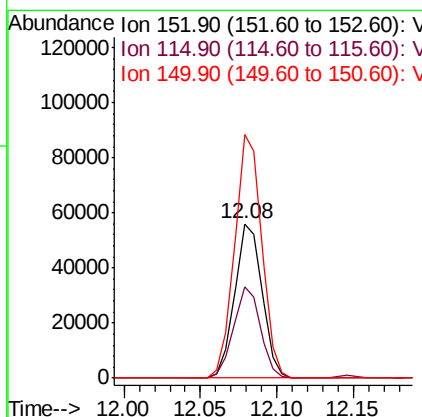
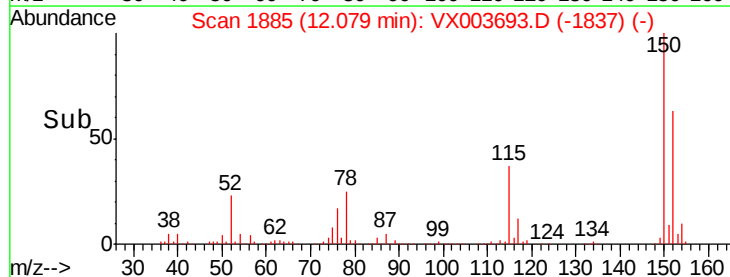
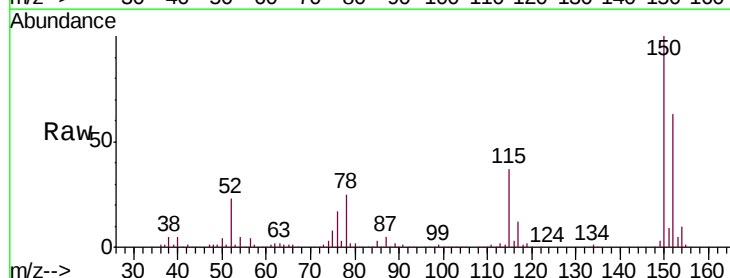
Instrument :
MSVOA_X
ClientSampled :
FL-0504

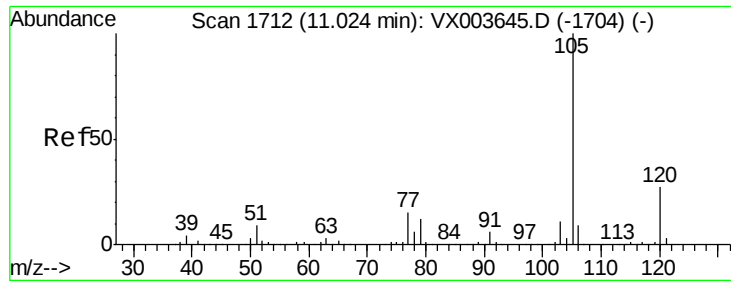
Tot Ion:106 Resp: 470
Ion Ratio Lower Upper
106 100
91 244.5 107.1 321.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX003693.D
Acq: 27 Jul 2018 02:53

Tgt Ion:152 Resp: 69625
Ion Ratio Lower Upper
152 100
115 58.0 40.0 119.9
150 156.2 0.0 348.4

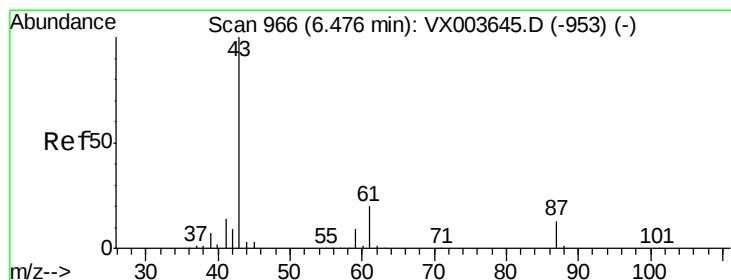
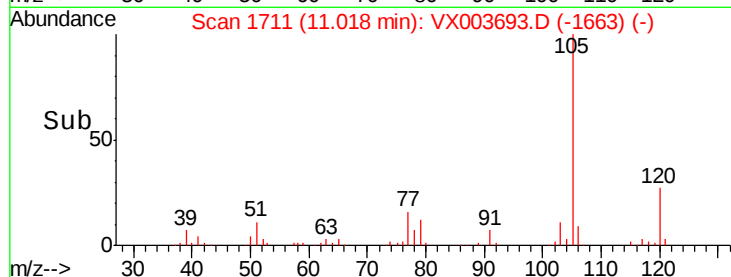
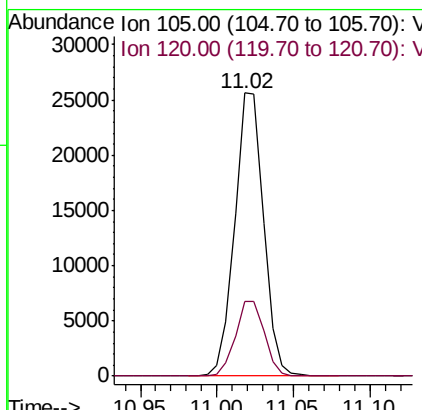
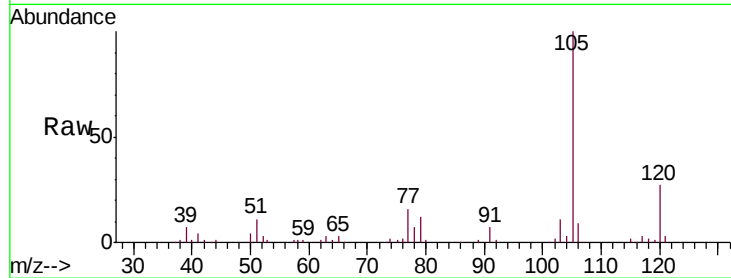




#73
Isopropylbenzene
Concen: 7.04 ug/l
RT: 11.02 min Scan# 1711
Delta R.T. -0.01 min
Lab File: VX003693.D
Acq: 27 Jul 2018 02:53

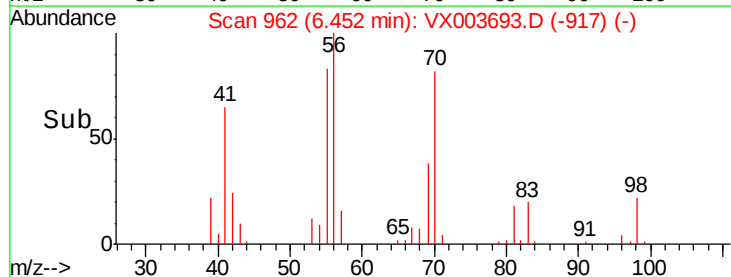
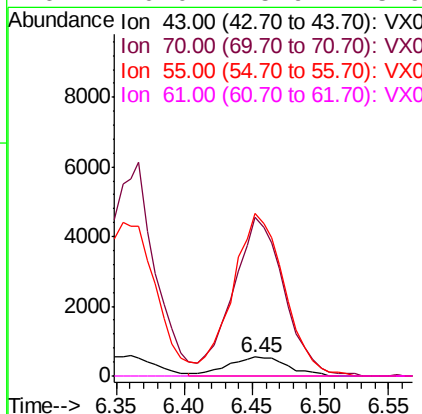
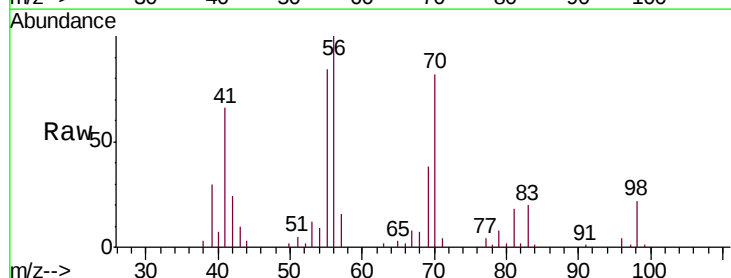
Instrument :
MSVOA_X
ClientSampleId :
FL-0504

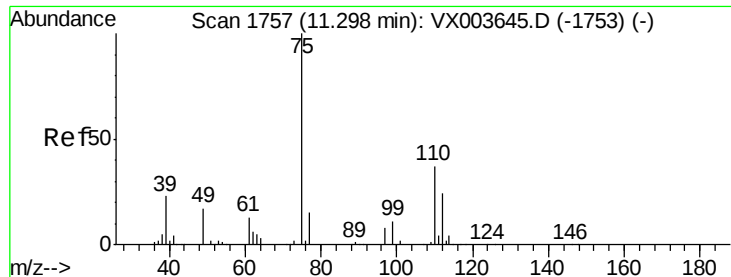
Tot Ion:105 Resp: 33471
Ion Ratio Lower Upper
105 100
120 26.7 13.5 40.5



#74
N-ethyl acetate
Concen: 0.66 ug/l
RT: 6.45 min Scan# 962
Delta R.T. -0.02 min
Lab File: VX003693.D
Acq: 27 Jul 2018 02:53

Tgt Ion: 43 Resp: 1634
Ion Ratio Lower Upper
43 100
70 733.0 0.0 0.0#
55 758.1 0.0 0.0#
61 0.0 15.9 23.9#





#76

1,2,3-Trichloropropane

Concen: 26.86 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX003693.D

Acq: 27 Jul 2018 02:53

Instrument :

MSVOA_X

ClientSampleId :

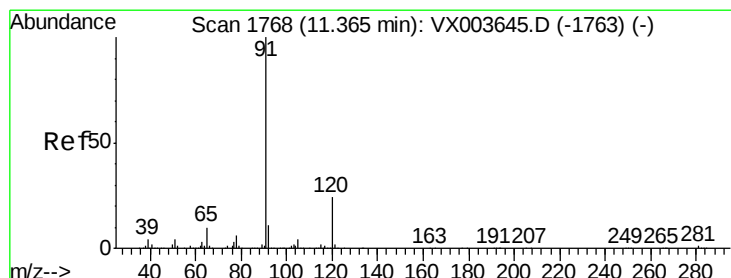
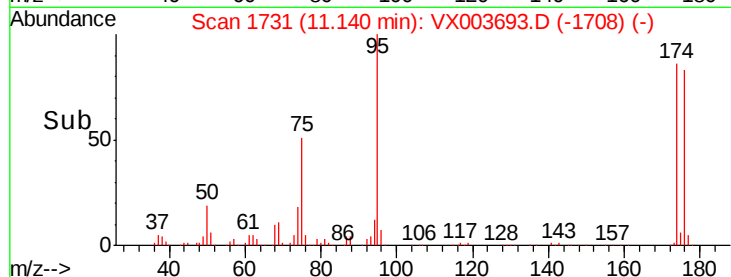
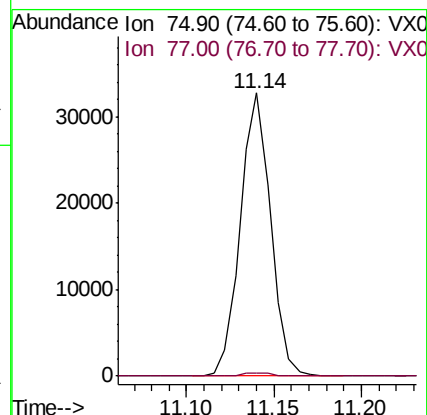
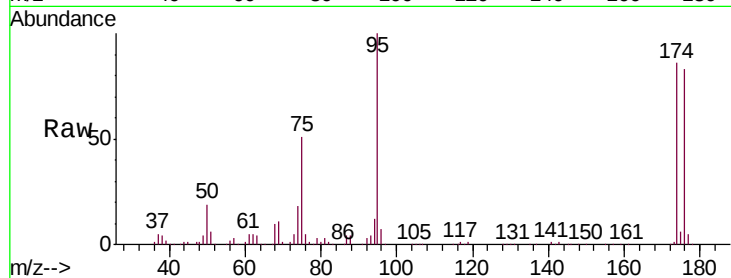
FL-0504

Tot Ion: 75 Resp: 39221

Ion Ratio Lower Upper

75 100

77 1.1 21.6 64.6#



#78

n-propylbenzene

Concen: 10.68 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.01 min

Lab File: VX003693.D

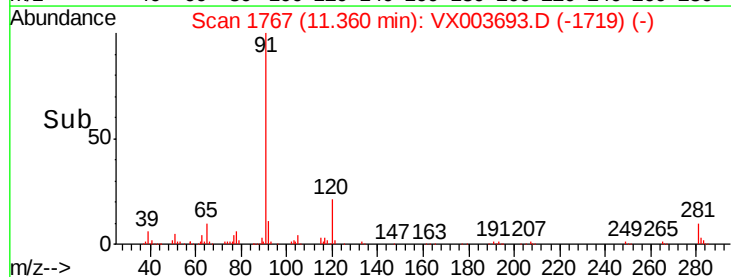
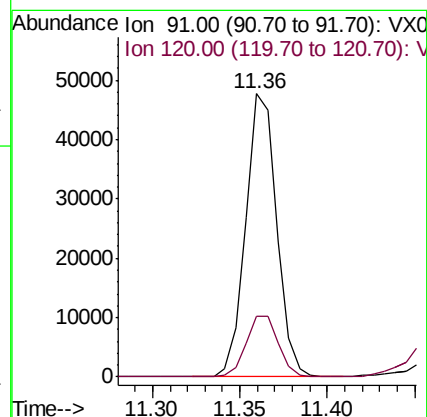
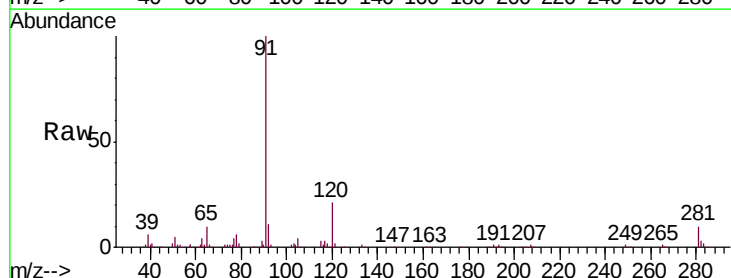
Acq: 27 Jul 2018 02:53

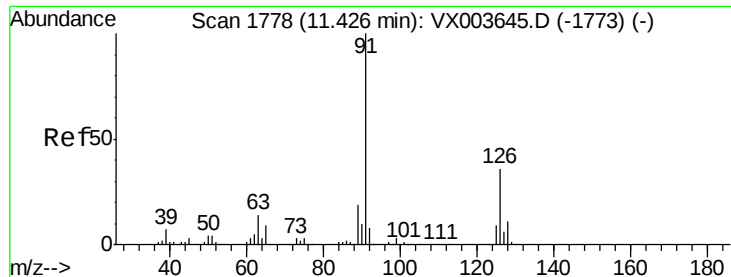
Tgt Ion: 91 Resp: 58650

Ion Ratio Lower Upper

91 100

120 22.4 11.8 35.3





#79

2-Chlorotoluene

Concen: 1.09 ug/l

RT: 11.46 min Scan# 1783

Delta R.T. 0.03 min

Lab File: VX003693.D

Acq: 27 Jul 2018 02:53

Instrument :

MSVOA_X

ClientSampled :

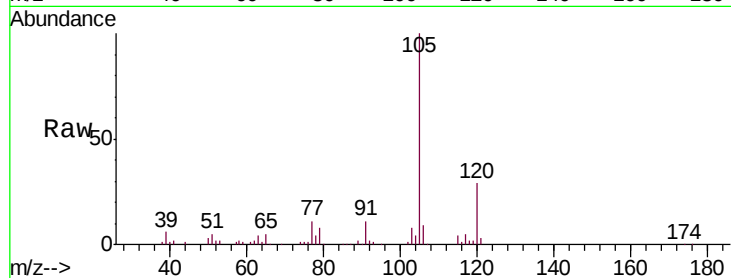
FL-0504

Tot Ion: 91 Resp: 3625

Ion Ratio Lower Upper

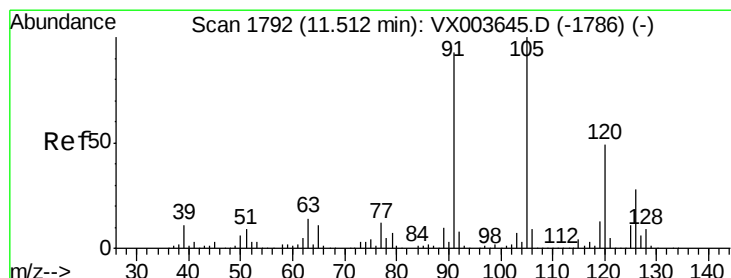
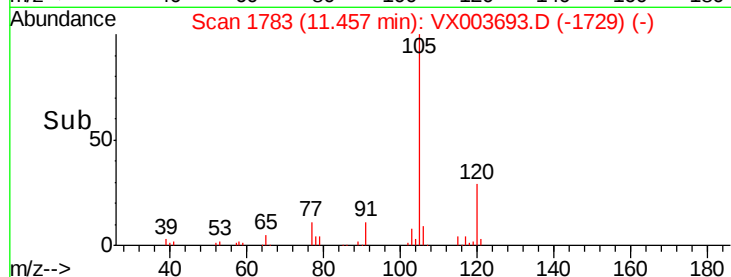
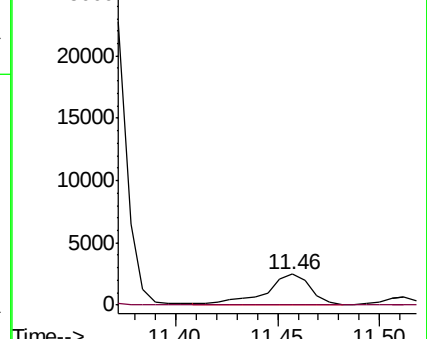
91 100

126 0.0 17.3 52.0#



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: 1.23 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003693.D

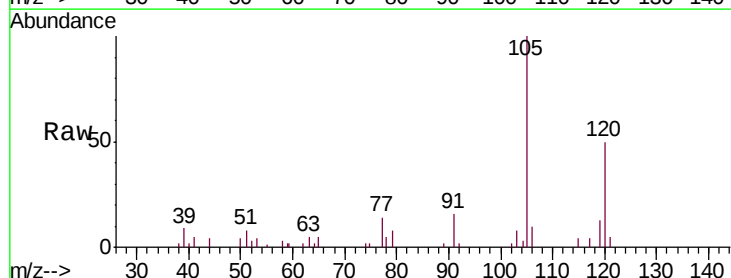
Acq: 27 Jul 2018 02:53

Tgt Ion:105 Resp: 4952

Ion Ratio Lower Upper

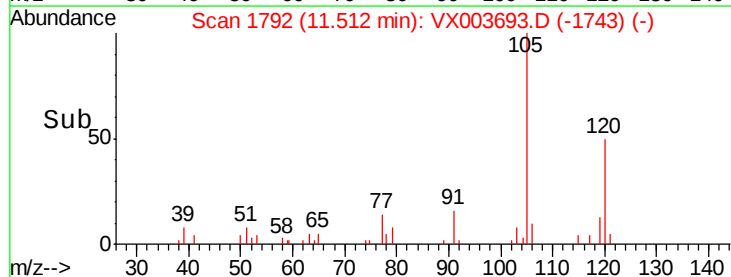
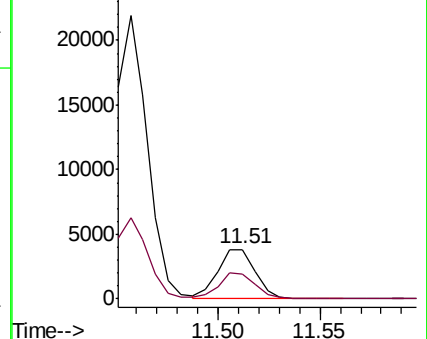
105 100

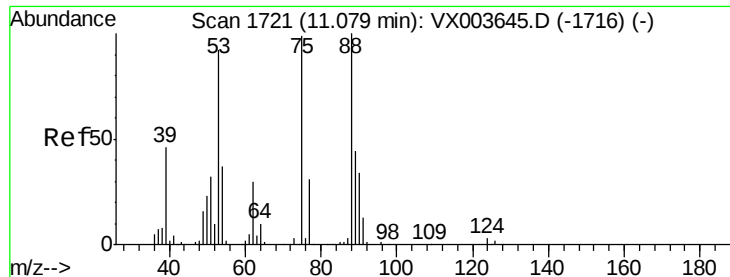
120 51.2 24.4 73.4



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: 83.21 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX003693.D

Acq: 27 Jul 2018 02:53

Instrument :

MSVOA_X

ClientSampleId :

FL-0504

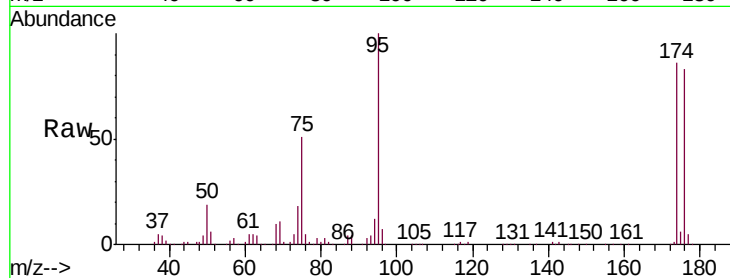
Tot Ion: 75 Resp: 39221

Ion Ratio Lower Upper

75 100

53 0.0 77.8 116.8#

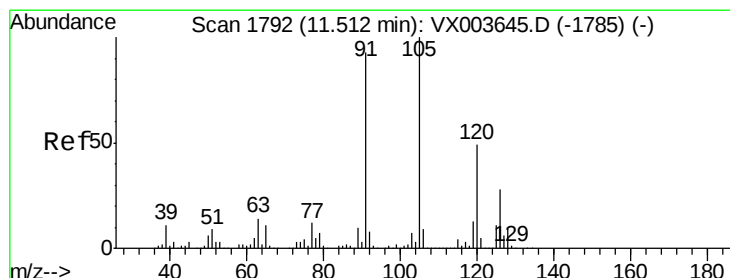
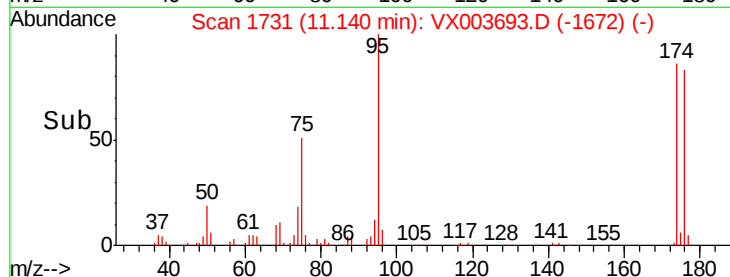
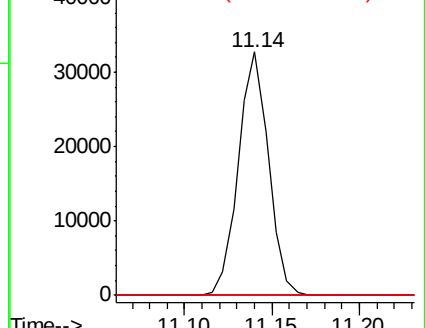
89 0.0 36.6 54.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 0.92 ug/l

RT: 11.46 min Scan# 1783

Delta R.T. -0.05 min

Lab File: VX003693.D

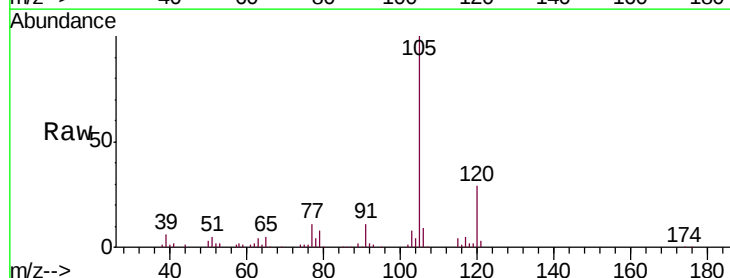
Acq: 27 Jul 2018 02:53

Tgt Ion: 91 Resp: 3625

Ion Ratio Lower Upper

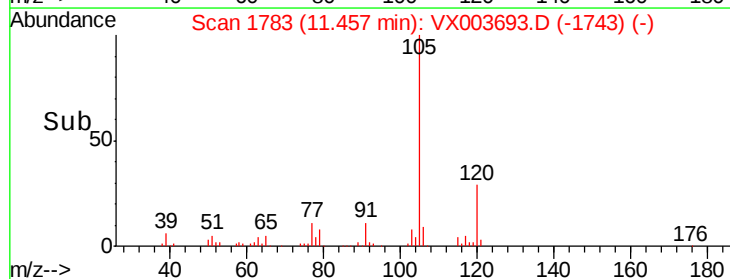
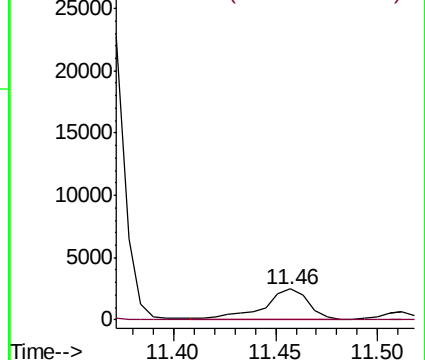
91 100

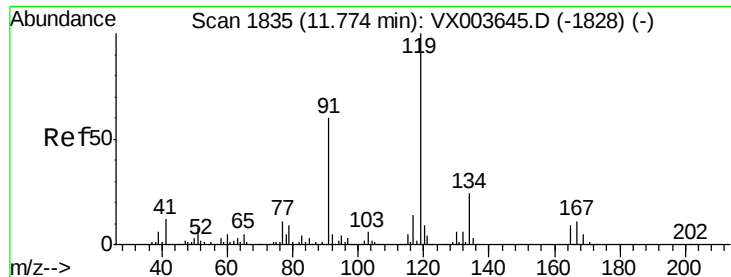
126 0.0 15.4 46.1#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

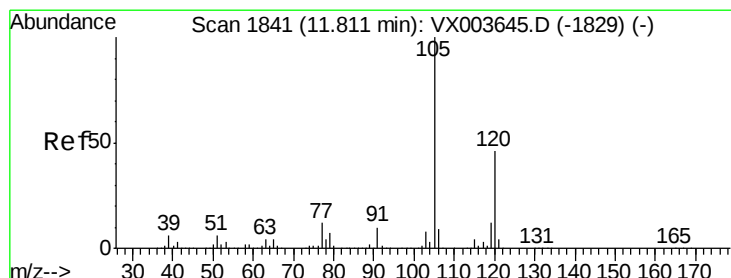
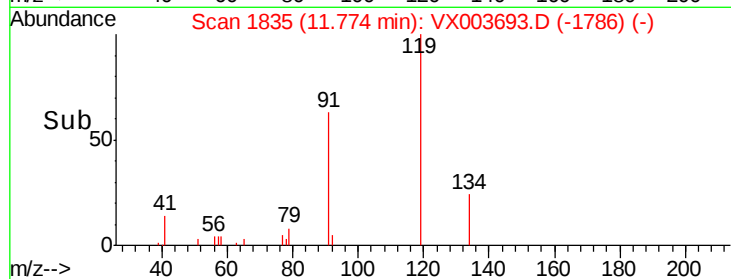
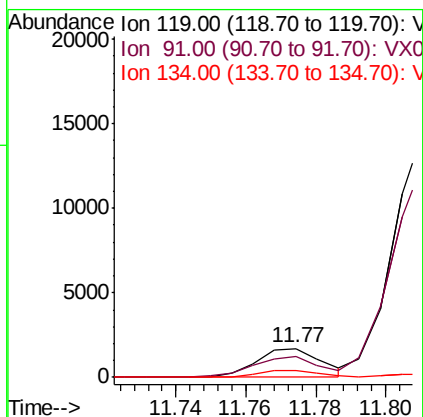
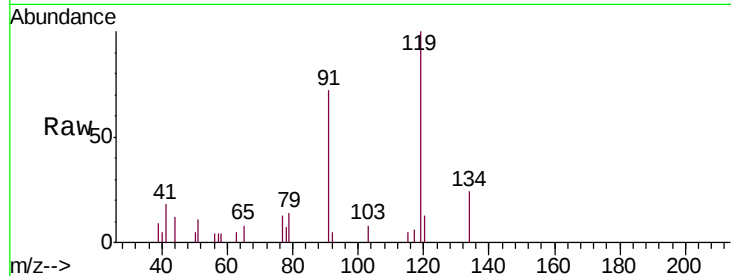




#83
tert-Butylbenzene
Concen: 0.56 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX003693.D
Acq: 27 Jul 2018 02:53

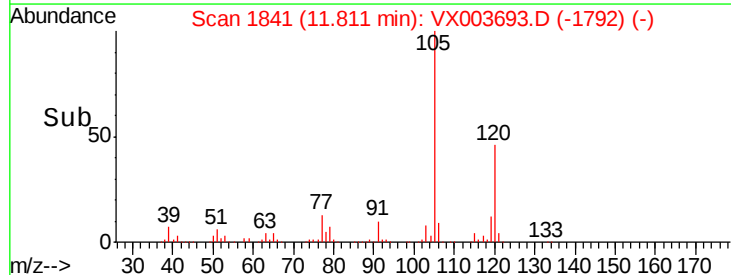
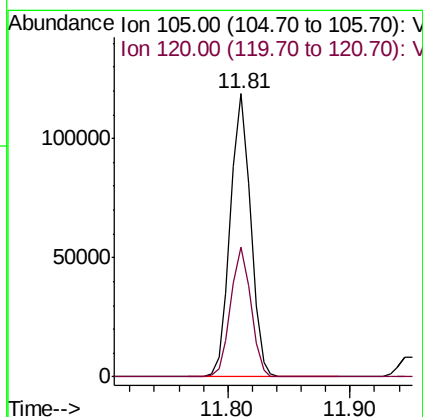
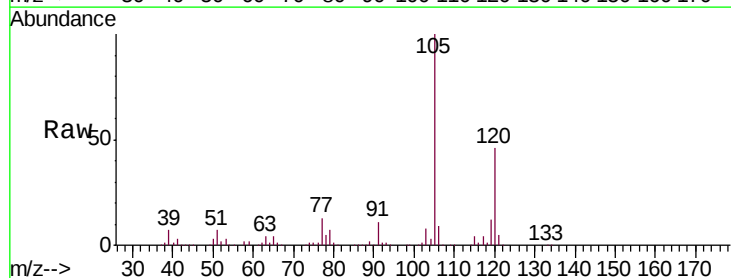
Instrument :
MSVOA_X
ClientSampled :
FL-0504

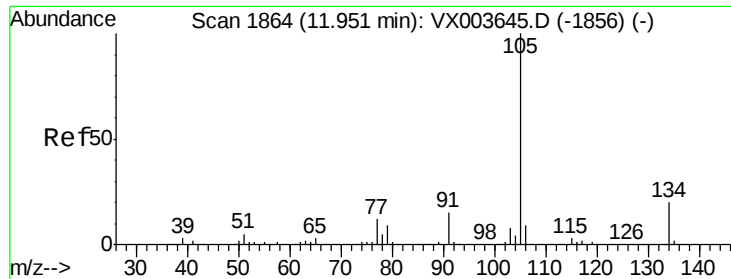
Tot Ion:119 Resp: 2194
Ion Ratio Lower Upper
119 100
91 75.5 28.4 85.2
134 22.2 11.6 34.8



#84
1,2,4-Trimethylbenzene
Concen: 32.88 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX003693.D
Acq: 27 Jul 2018 02:53

Tgt Ion:105 Resp: 136010
Ion Ratio Lower Upper
105 100
120 45.7 22.6 67.8

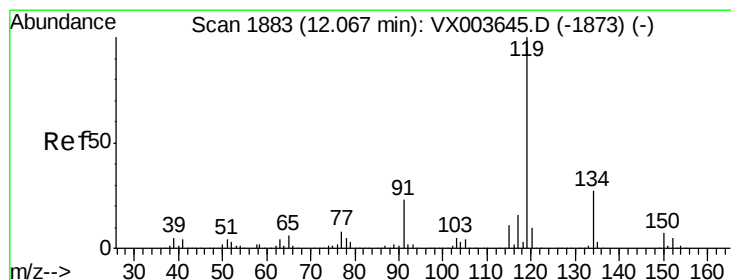
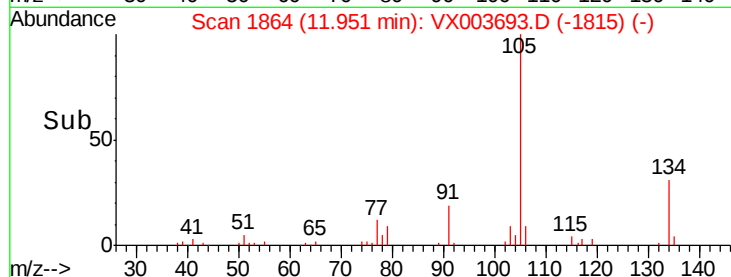
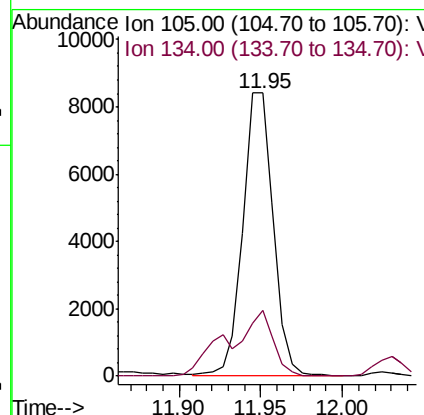
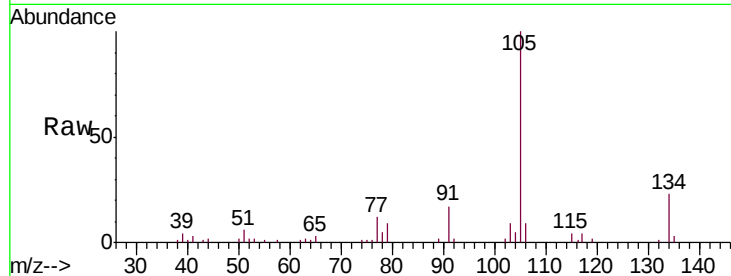




#85
 sec-Butylbenzene
 Concen: 2.33 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX003693.D
 Acq: 27 Jul 2018 02:53

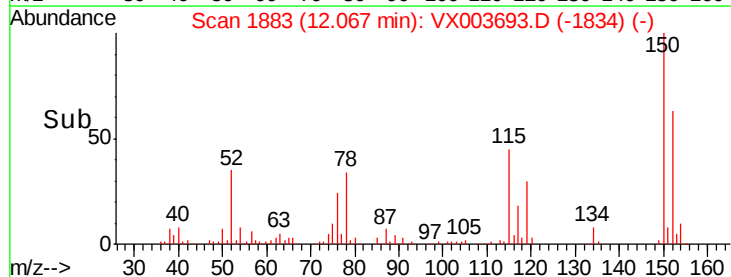
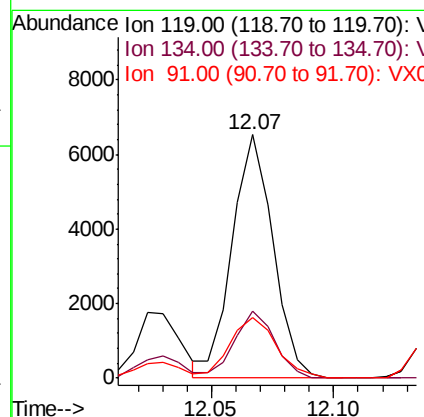
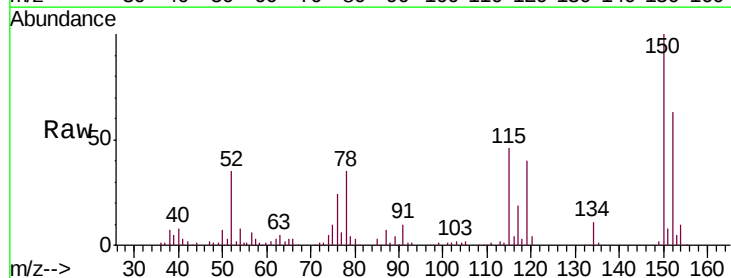
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0504

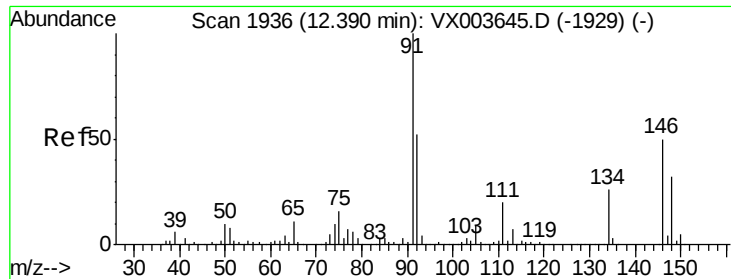
Tot Ion:105 Resp: 10967
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 1.80 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX003693.D
 Acq: 27 Jul 2018 02:53

Tgt Ion:119 Resp: 7596
 Ion Ratio Lower Upper
 119 100
 134 27.4 13.3 39.9
 91 28.2 11.5 34.5

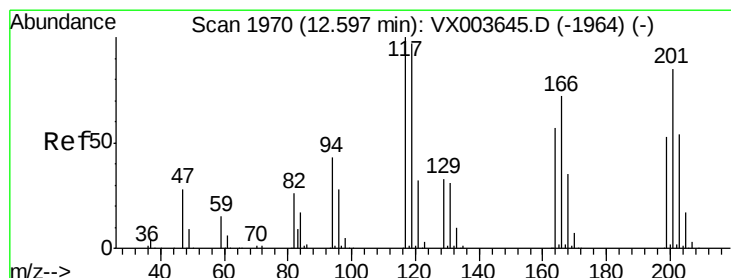
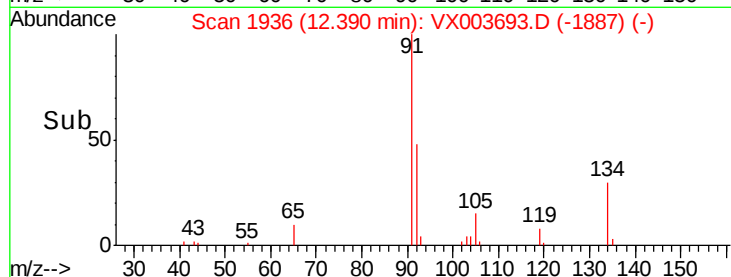
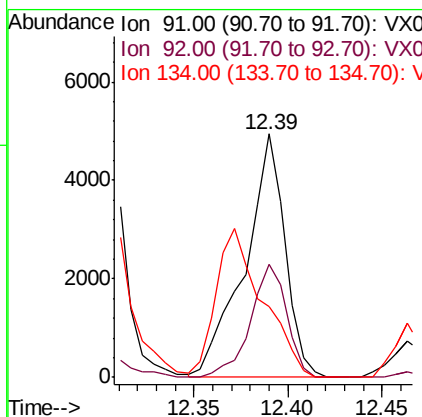
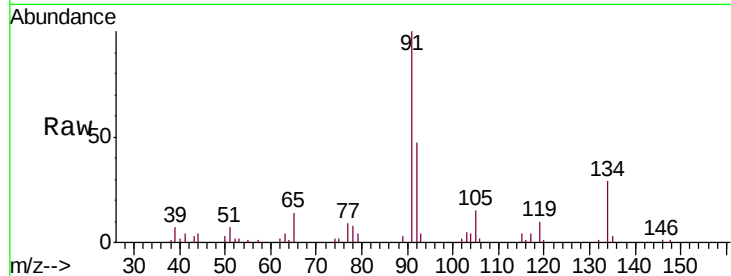




#89
n-Butylbenzene
Concen: 1.93 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX003693.D
Acq: 27 Jul 2018 02:53

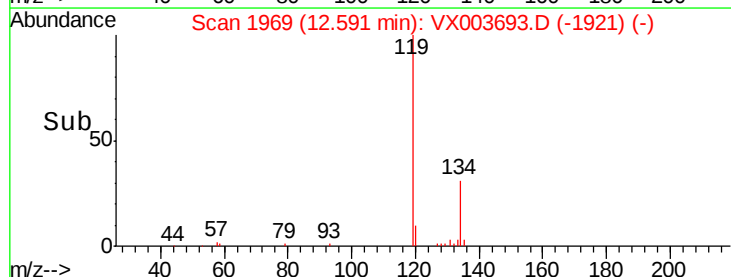
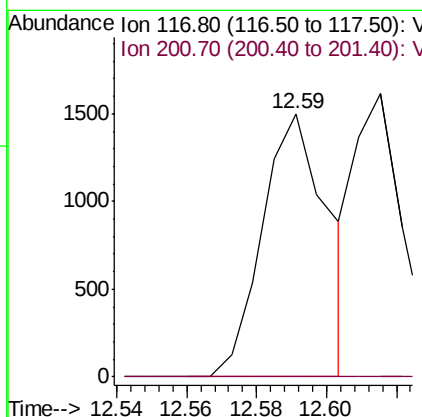
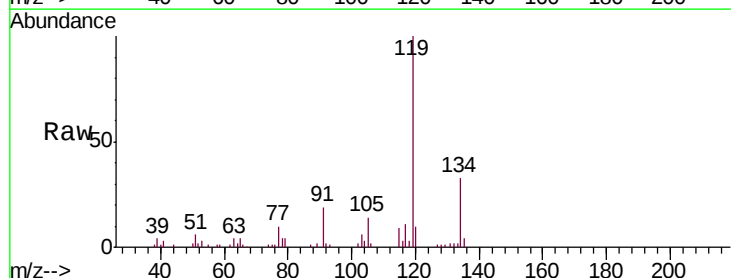
Instrument :
MSVOA_X
ClientSampled :
FL-0504

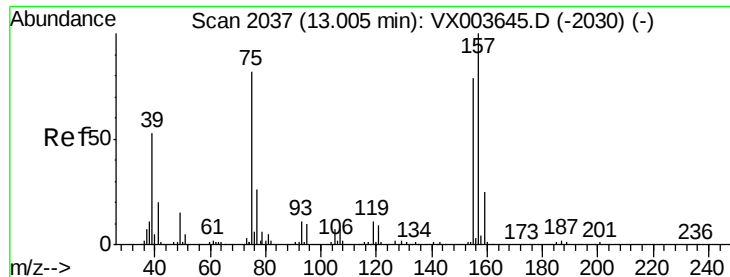
Tot Ion: 91 Resp: 7337
Ion Ratio Lower Upper
91 100
92 41.9 26.3 78.9
134 70.8 13.3 39.8#



#90
Hexachloroethane
Concen: 3.05 ug/l
RT: 12.59 min Scan# 1969
Delta R.T. -0.01 min
Lab File: VX003693.D
Acq: 27 Jul 2018 02:53

Tgt Ion: 117 Resp: 1950
Ion Ratio Lower Upper
117 100
201 0.0 46.2 138.5#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.88 ug/l

RT: 13.02 min Scan# 2040

Delta R.T. 0.02 min

Lab File: VX003693.D

Acq: 27 Jul 2018 02:53

Instrument :

MSVOA_X

ClientSampleId :

FL-0504

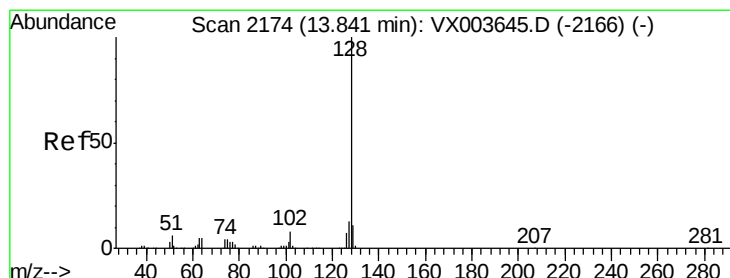
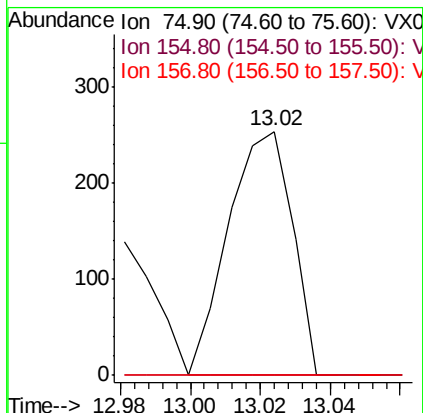
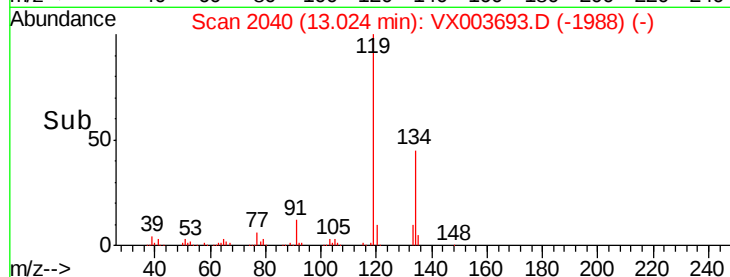
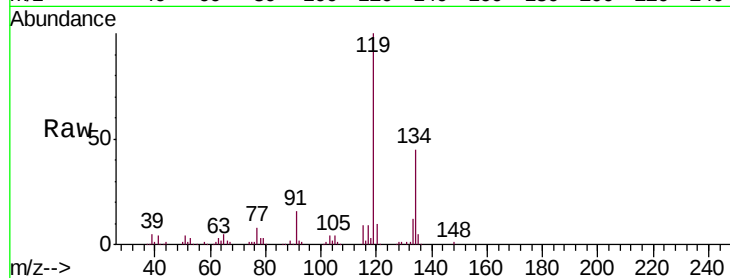
Tot Ion: 75 Resp: 320

Ion Ratio Lower Upper

75 100

155 0.0 46.1 138.3#

157 0.0 59.7 179.0#



#95

Naphthalene

Concen: 6.52 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX003693.D

Acq: 27 Jul 2018 02:53

Tgt Ion: 128 Resp: 34573

Ion Ratio Lower Upper

128 100

127 13.4 10.4 15.6

129 12.5 8.7 13.1

