

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081718\
 Data File : VX004134.D
 Acq On : 17 Aug 2018 16:09
 Operator : JC/MD
 Sample : J4522-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 18 01:33:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	256915	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	392867	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	366573	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	193303	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	183152	50.60	ug/l	0.00
Spiked Amount			Recovery	=	101.20%	
35) Dibromofluoromethane	5.50	113	157306	53.50	ug/l	0.00
Spiked Amount			Recovery	=	107.00%	
50) Toluene-d8	8.72	98	575173	48.25	ug/l	0.00
Spiked Amount			Recovery	=	96.50%	
62) 4-Bromofluorobenzene	11.14	95	192739	44.58	ug/l	0.00
Spiked Amount			Recovery	=	89.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	5225	1.70	ug/l	99
5) Bromomethane	1.65	94	871	0.34	ug/l	93
6) Chloroethane	1.70	64	104	Below Cal	#	42
10) Methyl Iodide	2.52	142	340	5.11	ug/l	# 74
11) Tert butyl alcohol	3.04	59	125118	171.64	ug/l	99
13) Acrolein	2.26	56	611	12.13	ug/l	# 1
14) Allyl chloride	2.84	41	11603	2.26	ug/l	# 62
15) Acrylonitrile	3.18	53	2935	1.61	ug/l	# 42
16) Acetone	2.44	43	10887	5.78	ug/l	97
17) Carbon Disulfide	2.57	76	3885	0.51	ug/l	97
18) Methyl Acetate	2.84	43	27844	6.66	ug/l	# 52
19) Methyl tert-butyl Ether	3.20	73	43069	4.52	ug/l	# 45
20) Methylene Chloride	2.86	84	1248	Below Cal	#	68
22) Diisopropyl ether	3.87	45	4933	0.49	ug/l	# 79
25) 2-Butanone	4.70	43	2964	0.97	ug/l	96
29) Tetrahydrofuran	5.17	42	1921	1.23	ug/l	95
30) Chloroform	5.27	83	7720	1.39	ug/l	# 22
31) Cyclohexane	5.57	56	46791	9.35	ug/l	94
36) 1,1-Dichloropropene	5.67	75	17590	3.93	ug/l	# 49
38) Carbon Tetrachloride	5.67	117	23367	5.38	ug/l	# 15
39) Methylcyclohexane	7.46	83	19069	3.76	ug/l	94
40) Benzene	6.14	78	92235	6.87	ug/l	100
42) 1,2-Dichloroethane	6.15	62	1003	0.21	ug/l	# 73
43) Isopropyl Acetate	6.46	43	2123	0.30	ug/l	# 59
51) 4-Methyl-2-Pentanone	8.65	43	1243	0.21	ug/l	90
52) Toluene	8.79	92	2871	0.34	ug/l	98
67) Ethyl Benzene	10.25	91	19606	1.31	ug/l	95
68) m/p-Xylenes	10.36	106	1457	0.25	ug/l	87
73) Isopropylbenzene	11.02	105	12366	0.95	ug/l	94
74) N-amyl acetate	6.46	43	2123	0.35	ug/l	# 54
76) 1,2,3-Trichloropropane	11.14	75	91391	23.58	ug/l	# 36
78) n-propylbenzene	11.36	91	24616	1.68	ug/l	99
79) 2-Chlorotoluene	11.36	91	24616	2.76	ug/l	# 40
81) trans-1,4-Dichloro-2-buten	11.14	75	91391	72.98	ug/l	# 10

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081718\
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Quant Title : SW846 8260
QLast Update : Tue Aug 14 13:27:25 2018
Response via : Initial Calibration

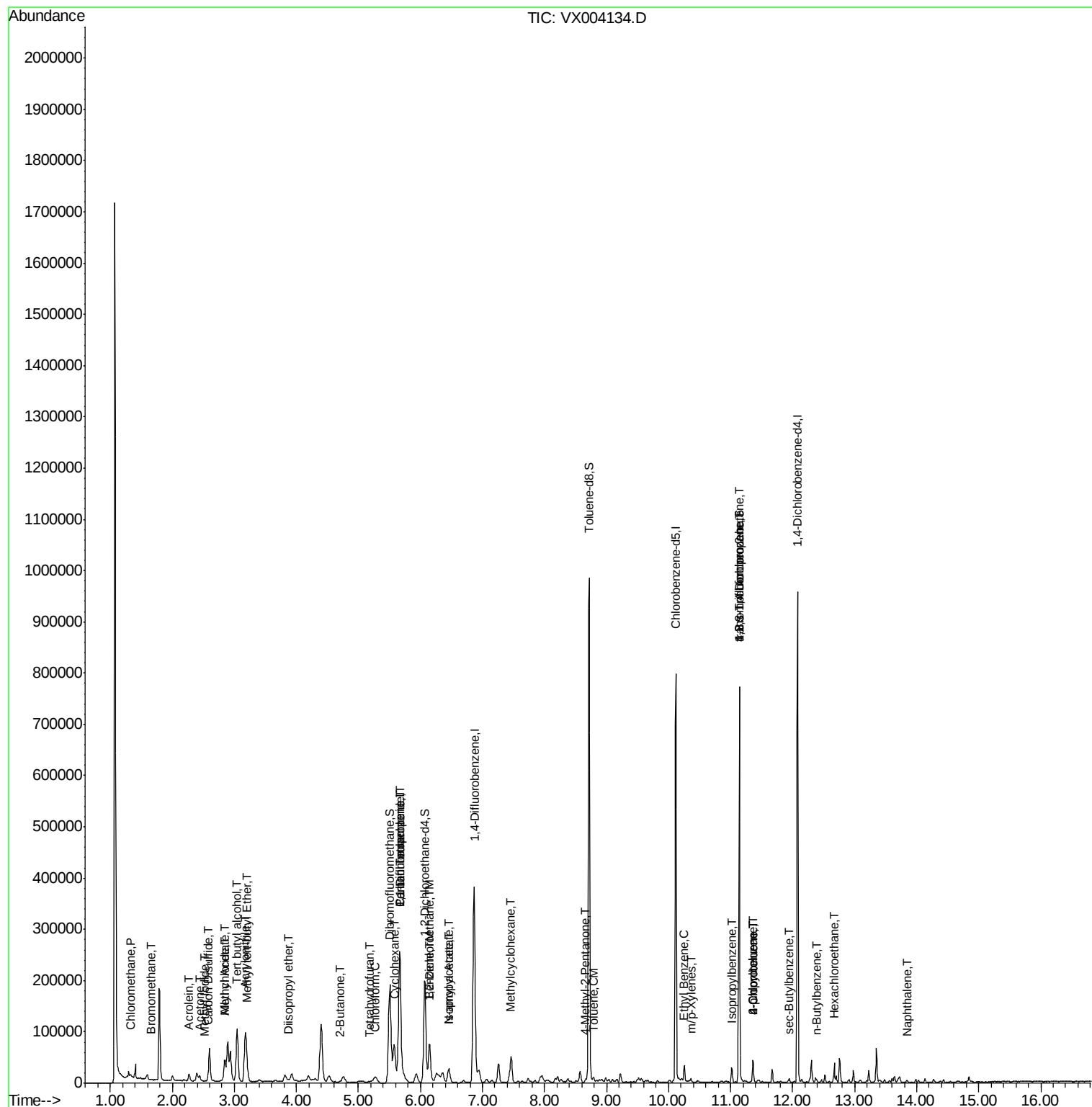
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 4-Chlorotoluene	11.36	91	24616	2.33	ug/l #	44
85) sec-Butylbenzene	11.94	105	2966	0.23	ug/l	99
89) n-Butylbenzene	12.39	91	2198	0.24	ug/l #	60
90) Hexachloroethane	12.67	117	2062	1.20	ug/l #	4
95) Naphthalene	13.84	128	2391	1.32	ug/l #	91

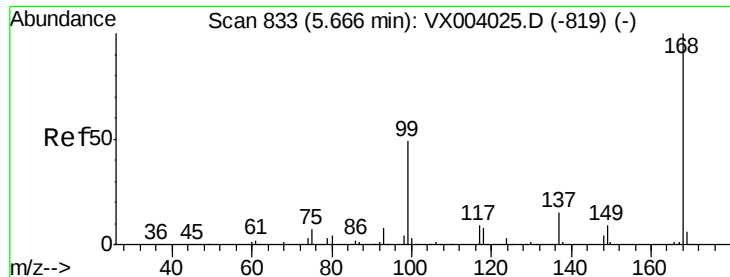
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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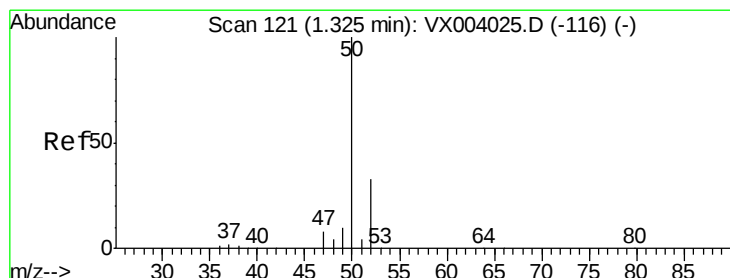
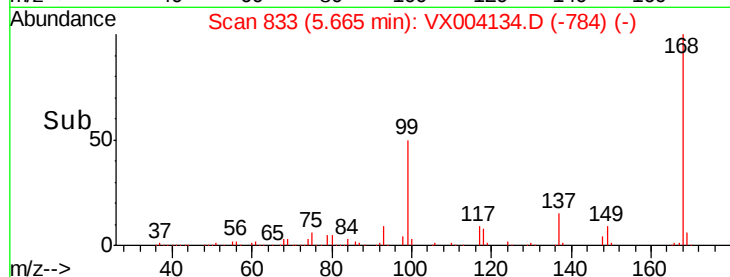
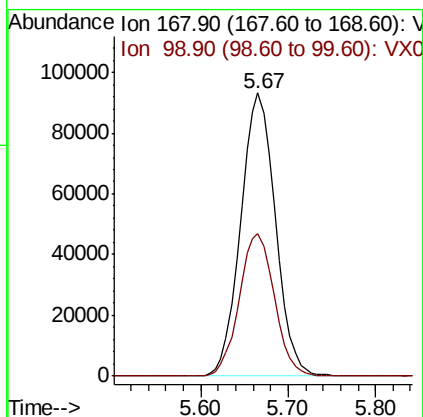
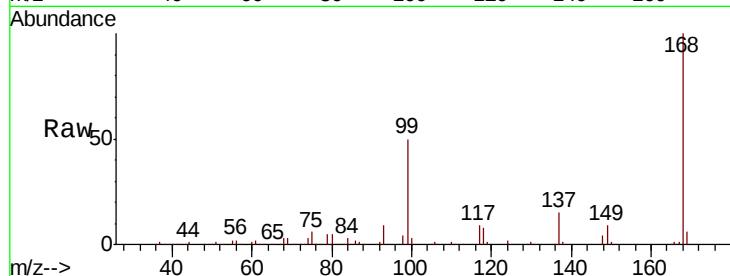




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX004134.D
Acq: 17 Aug 2018 16:09

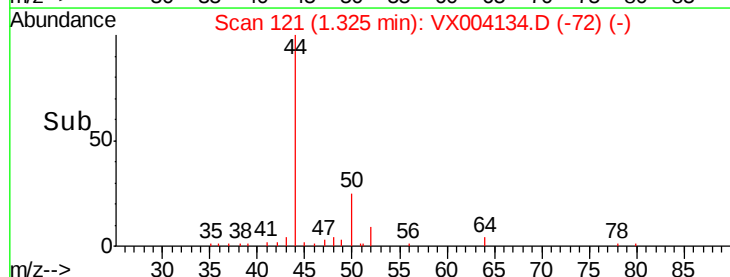
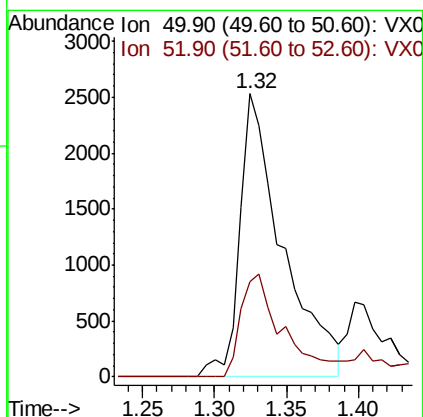
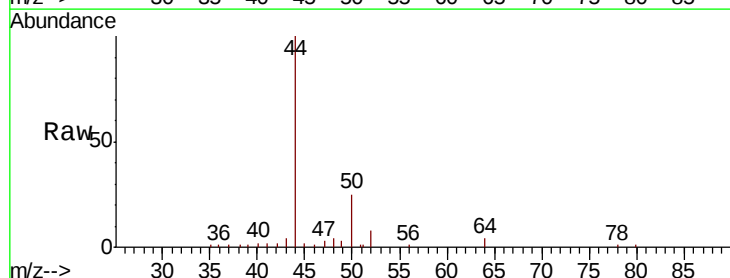
Instrument :
MSVOA_X
ClientSampled :

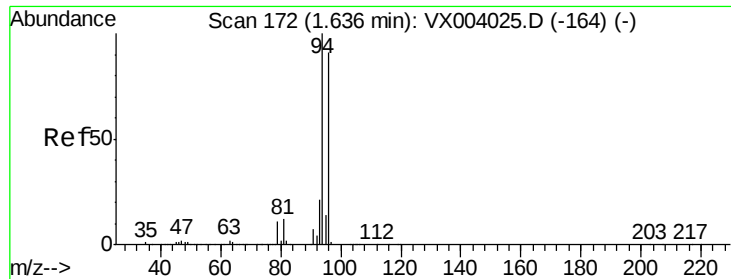
Tot Ion:168 Resp: 256915
Ion Ratio Lower Upper
168 100
99 50.2 40.1 60.1



#3
Chloromethane
Concen: 1.70 ug/l
RT: 1.32 min Scan# 121
Delta R.T. -0.00 min
Lab File: VX004134.D
Acq: 17 Aug 2018 16:09

Tgt Ion: 50 Resp: 5225
Ion Ratio Lower Upper
50 100
52 33.6 26.6 39.8





#5

Bromomethane

Concen: 0.34 ug/l

RT: 1.65 min Scan# 175

Delta R.T. 0.02 min

Lab File: VX004134.D

Acq: 17 Aug 2018 16:09

Instrument :

MSVOA_X

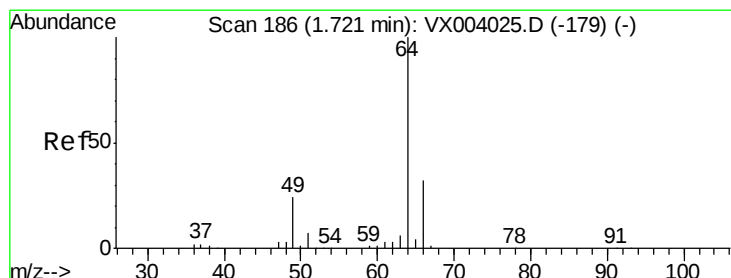
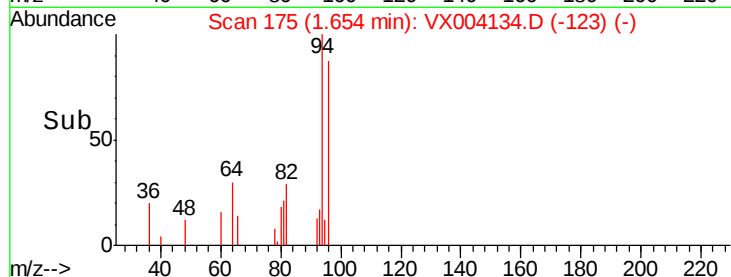
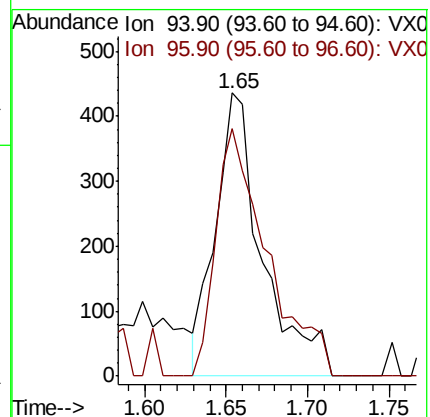
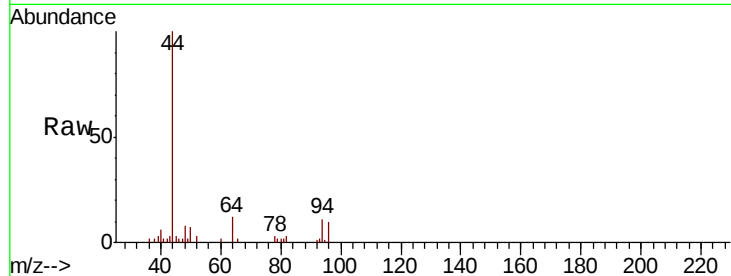
ClientSampleId :

Tot Ion: 94 Resp: 871

Ion Ratio Lower Upper

94 100

96 87.4 75.2 112.8



#6

Chloroethane

Concen: Below Cal

RT: 1.70 min Scan# 182

Delta R.T. -0.02 min

Lab File: VX004134.D

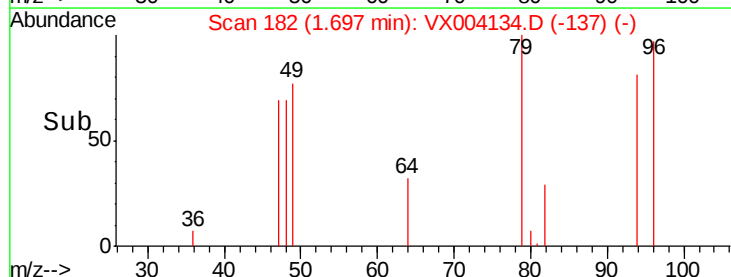
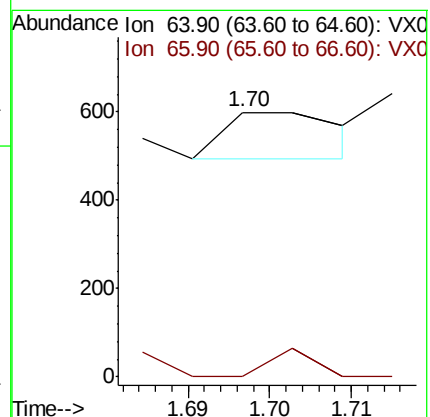
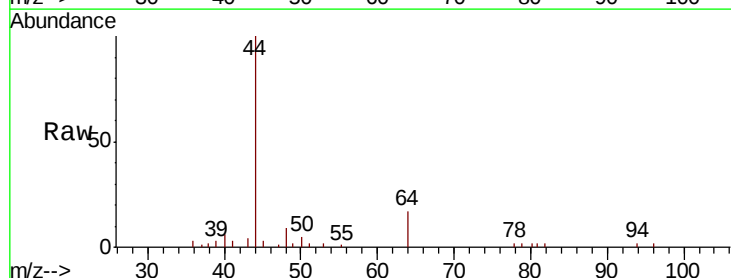
Acq: 17 Aug 2018 16:09

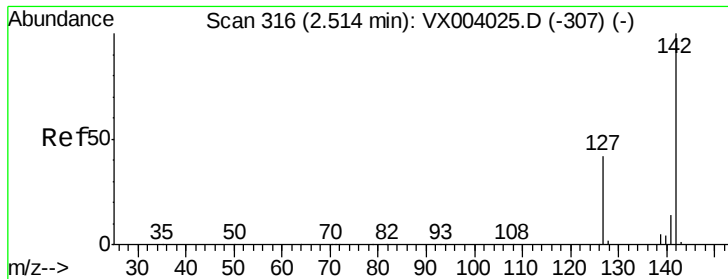
Tgt Ion: 64 Resp: 104

Ion Ratio Lower Upper

64 100

66 0.0 26.5 39.7#

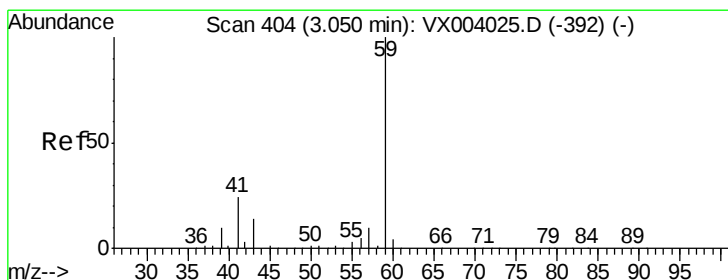
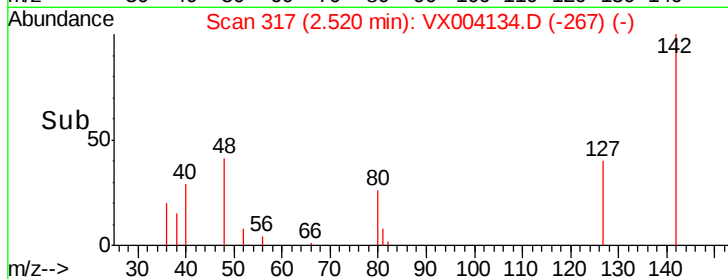
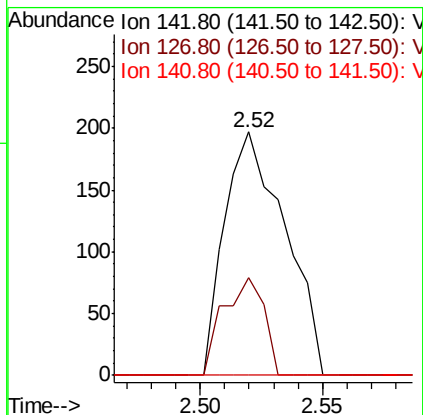
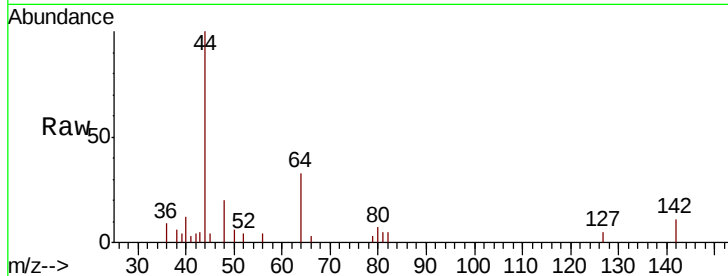




#10
Methyl Iodide
Concen: 5.11 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX004134.D
Acq: 17 Aug 2018 16:09

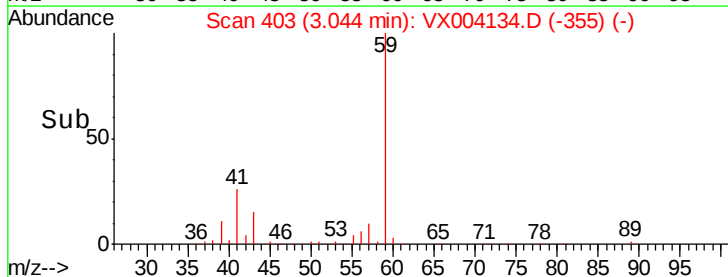
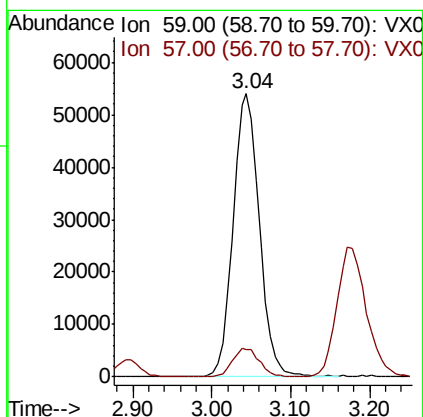
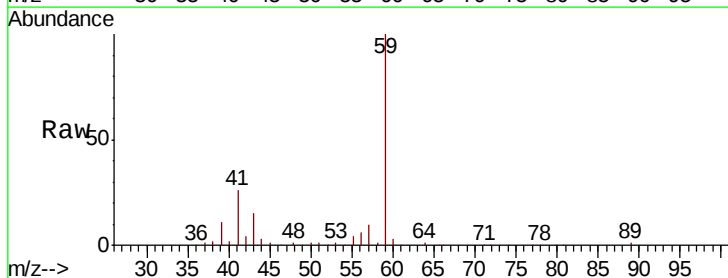
Instrument :
MSVOA_X
ClientSampled :

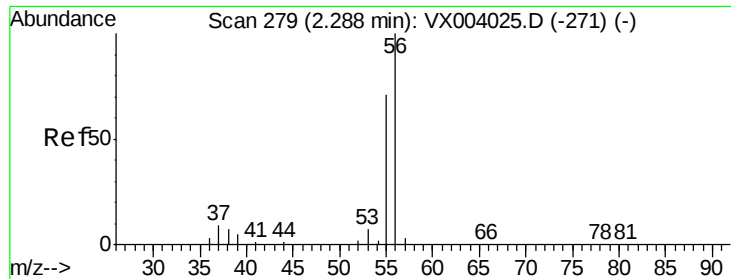
Tot Ion:142 Resp: 340
Ion Ratio Lower Upper
142 100
127 26.8 33.1 49.7#
141 0.0 11.1 16.7#



#11
Tert butyl alcohol
Concen: 171.64 ug/l
RT: 3.04 min Scan# 403
Delta R.T. -0.01 min
Lab File: VX004134.D
Acq: 17 Aug 2018 16:09

Tgt Ion: 59 Resp: 125118
Ion Ratio Lower Upper
59 100
57 10.4 8.1 12.1





#13

Acrolein

Concen: 12.13 ug/l

RT: 2.26 min Scan# 275

Delta R.T. -0.02 min

Lab File: VX004134.D

Acq: 17 Aug 2018 16:09

Instrument :

MSVOA_X

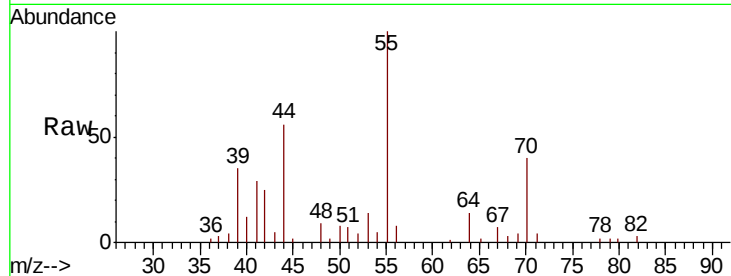
ClientSampleId :

Tot Ion: 56 Resp: 611

Ion Ratio Lower Upper

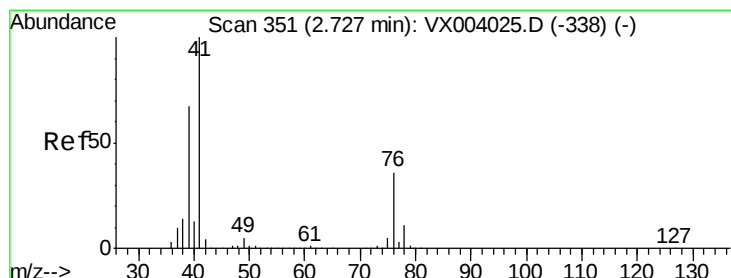
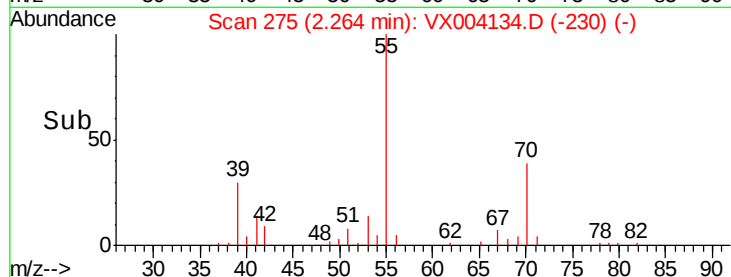
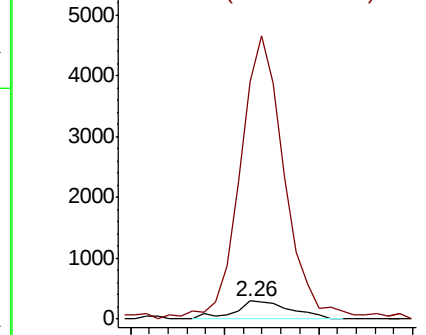
56 100

55 1250.2 56.1 84.1#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 2.26 ug/l

RT: 2.84 min Scan# 370

Delta R.T. 0.12 min

Lab File: VX004134.D

Acq: 17 Aug 2018 16:09

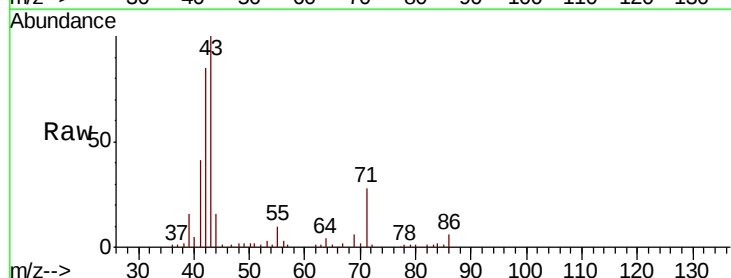
Tgt Ion: 41 Resp: 11603

Ion Ratio Lower Upper

41 100

39 38.3 47.4 71.0#

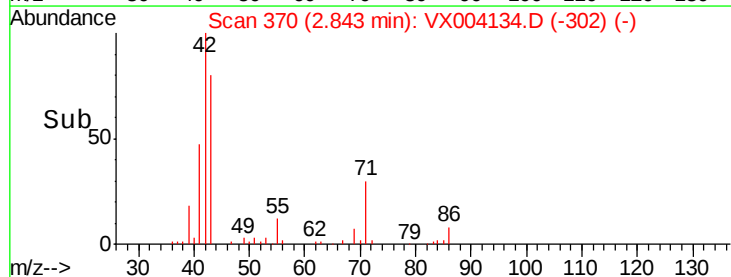
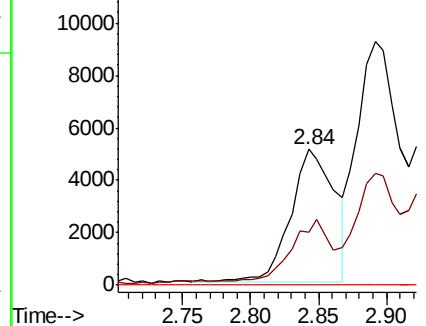
76 0.0 26.0 39.0#

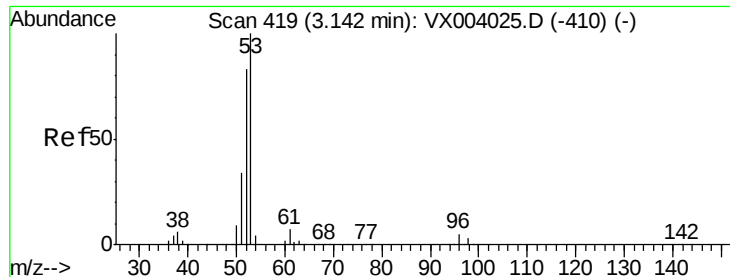


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

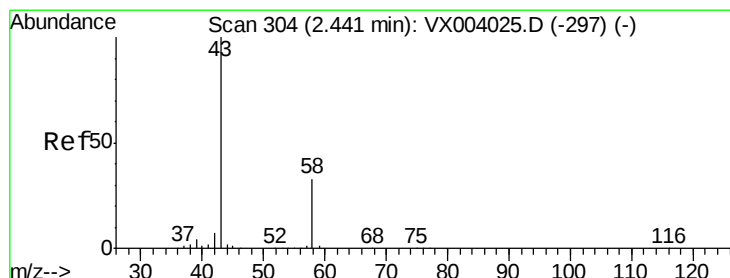
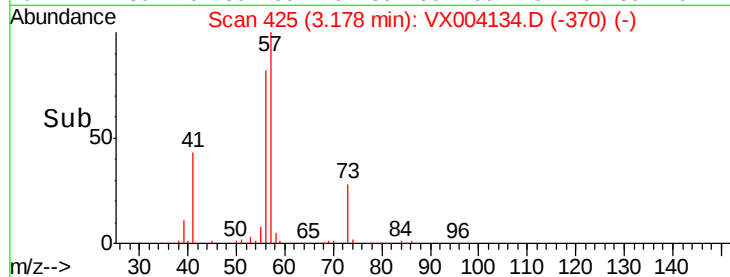
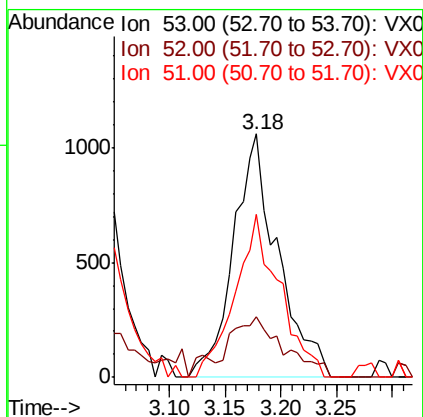
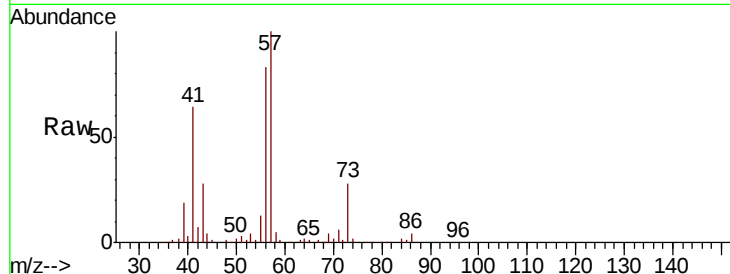




#15
 Acrylonitrile
 Concen: 1.61 ug/l
 RT: 3.18 min Scan# 425
 Delta R.T. 0.04 min
 Lab File: VX004134.D
 Acq: 17 Aug 2018 16:09

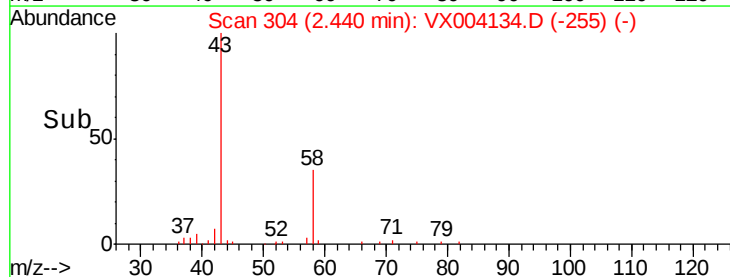
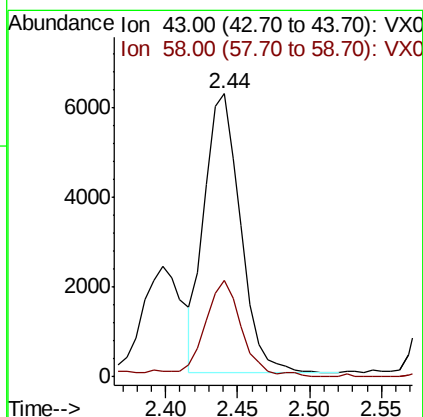
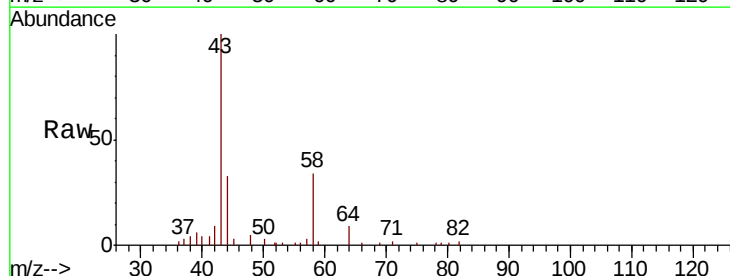
Instrument :
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 ClientSampled :

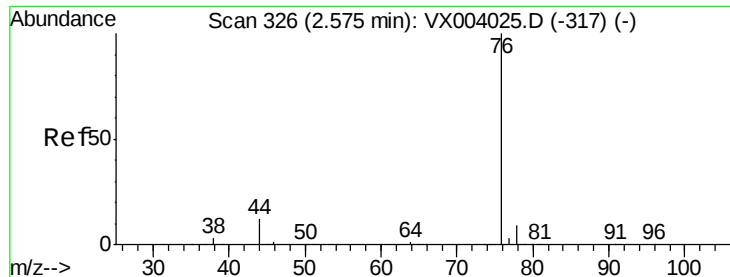
Tot Ion: 53 Resp: 2935
 Ion Ratio Lower Upper
 53 100
 52 29.1 65.3 97.9#
 51 66.7 27.9 41.9#



#16
 Acetone
 Concen: 5.78 ug/l
 RT: 2.44 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VX004134.D
 Acq: 17 Aug 2018 16:09

Tgt Ion: 43 Resp: 10887
 Ion Ratio Lower Upper
 43 100
 58 34.5 26.4 39.6

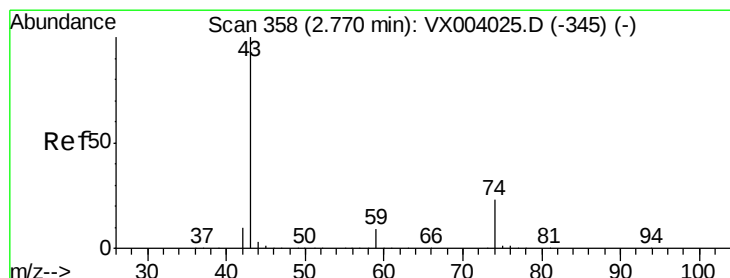
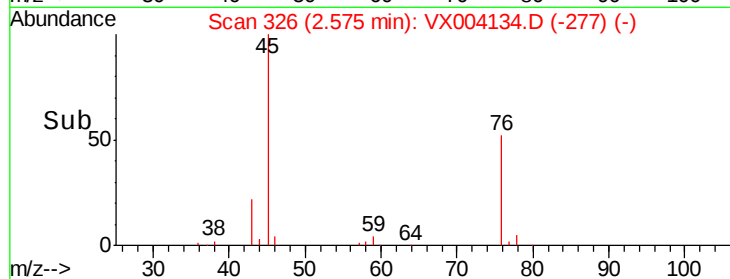
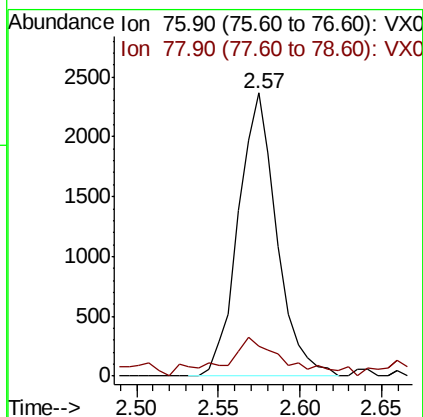
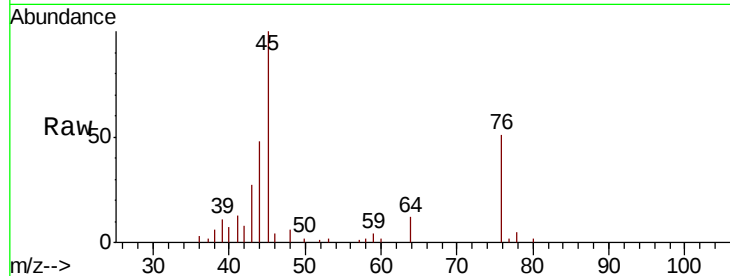




#17
Carbon Disulfide
Concen: 0.51 ug/l
RT: 2.57 min Scan# 326
Delta R.T. -0.00 min
Lab File: VX004134.D
Acq: 17 Aug 2018 16:09

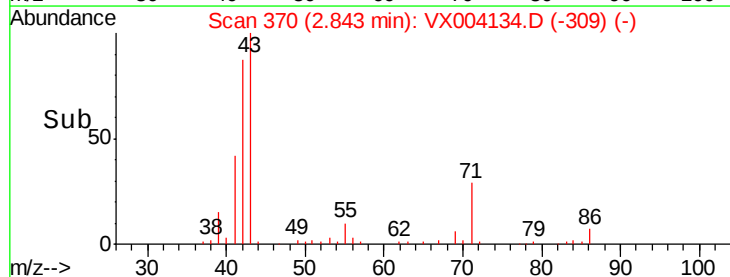
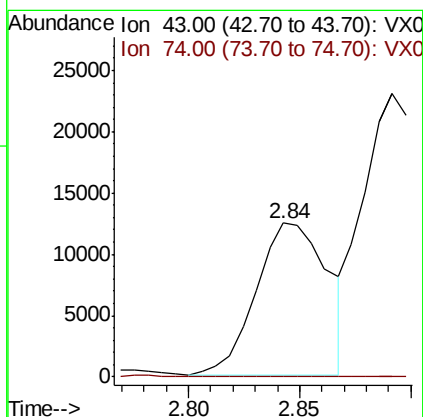
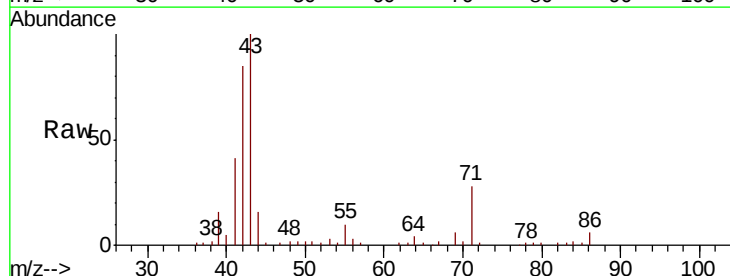
Instrument :
MSVOA_X
ClientSampled :

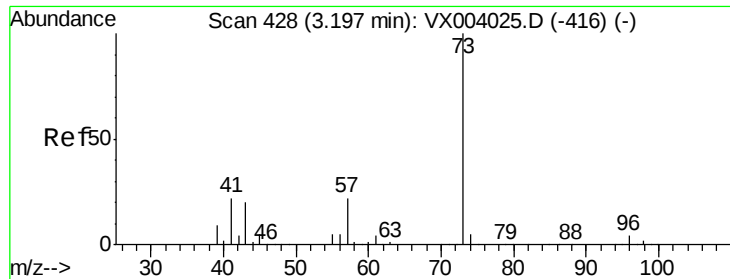
Tot Ion: 76 Resp: 3885
Ion Ratio Lower Upper
76 100
78 8.4 7.5 11.3



#18
Methyl Acetate
Concen: 6.66 ug/l
RT: 2.84 min Scan# 370
Delta R.T. 0.07 min
Lab File: VX004134.D
Acq: 17 Aug 2018 16:09

Tgt Ion: 43 Resp: 27844
Ion Ratio Lower Upper
43 100
74 0.0 18.9 28.3#

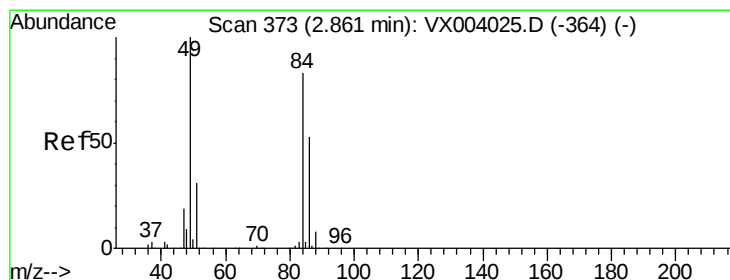
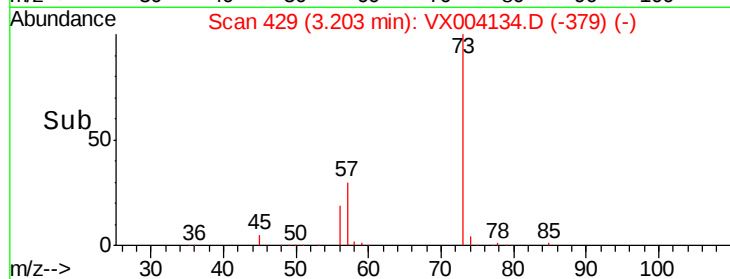
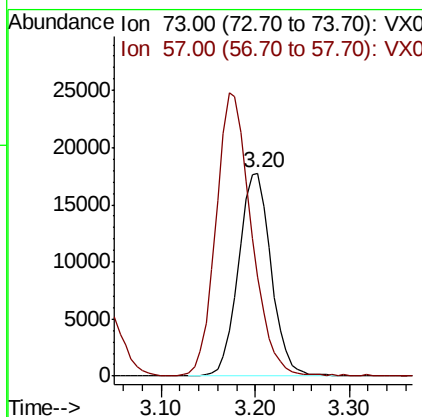
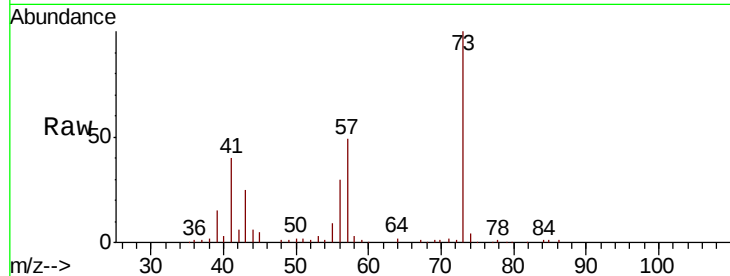




#19
Methyl tert-butyl Ether
Concen: 4.52 ug/l
RT: 3.20 min Scan# 429
Delta R.T. 0.01 min
Lab File: VX004134.D
Acq: 17 Aug 2018 16:09

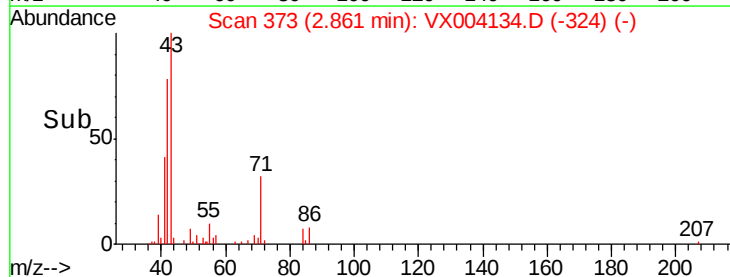
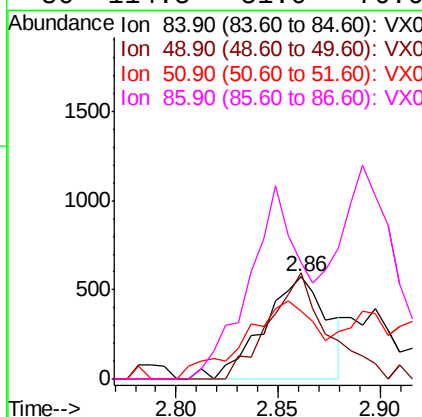
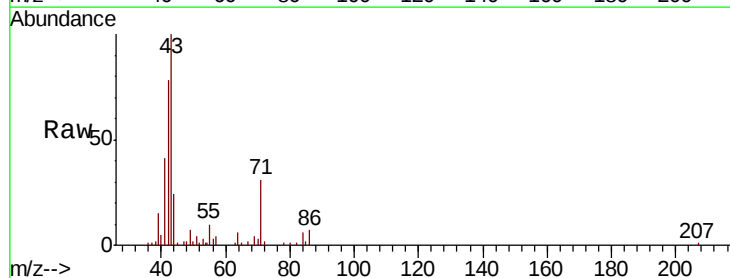
Instrument :
MSVOA_X
ClientSampled :

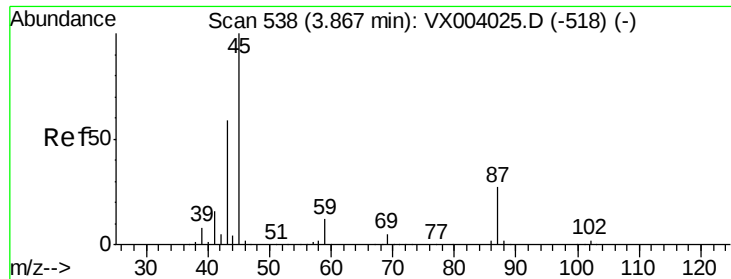
Tot Ion: 73 Resp: 43069
Ion Ratio Lower Upper
73 100
57 48.9 18.0 27.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX004134.D
Acq: 17 Aug 2018 16:09

Tgt Ion: 84 Resp: 1248
Ion Ratio Lower Upper
84 100
49 103.7 98.9 148.3
51 52.8 29.9 44.9#
86 114.5 51.0 76.6#





#22

Diisopropyl ether

Concen: 0.49 ug/l

RT: 3.87 min Scan# 538

Delta R.T. -0.00 min

Lab File: VX004134.D

Acq: 17 Aug 2018 16:09

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 45 Resp: 4933

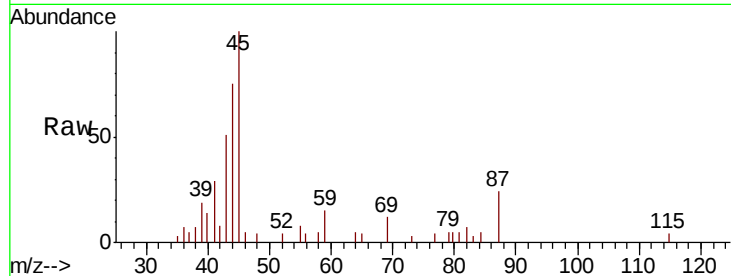
Ion Ratio Lower Upper

45 100

43 33.7 45.3 67.9#

87 24.6 22.7 34.1

59 15.6 9.6 14.4#

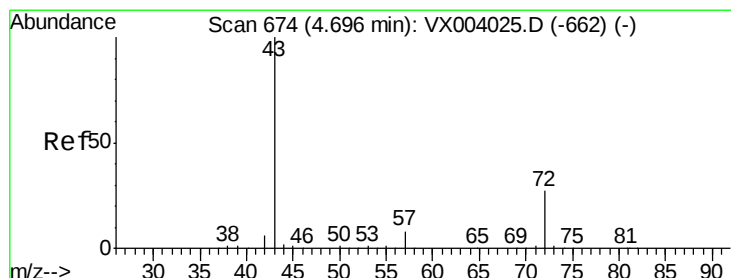
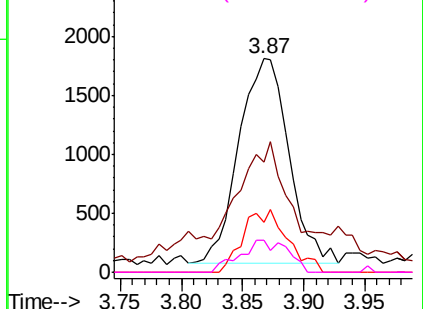
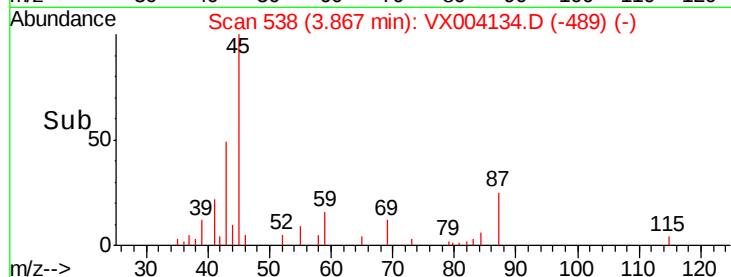


Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0



#25

2-Butanone

Concen: 0.97 ug/l

RT: 4.70 min Scan# 674

Delta R.T. -0.00 min

Lab File: VX004134.D

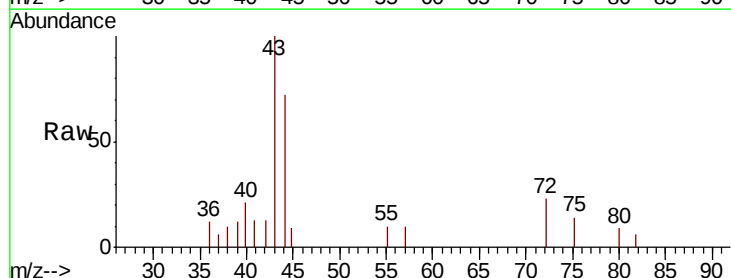
Acq: 17 Aug 2018 16:09

Tgt Ion: 43 Resp: 2964

Ion Ratio Lower Upper

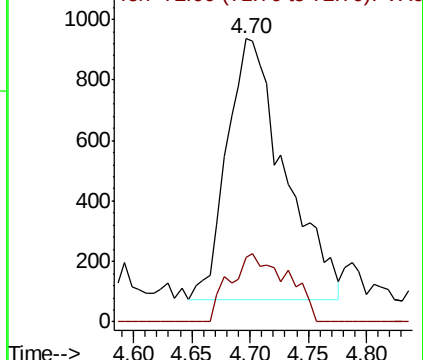
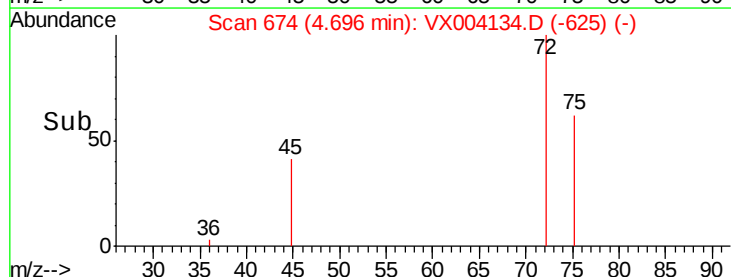
43 100

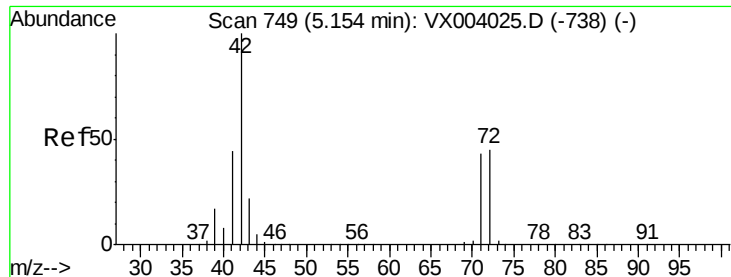
72 24.7 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

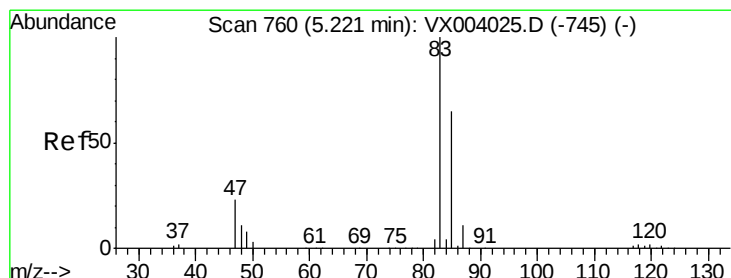
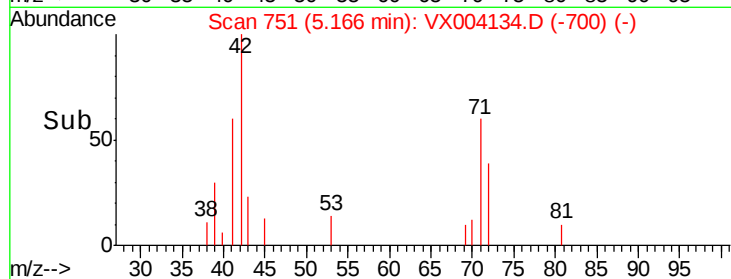
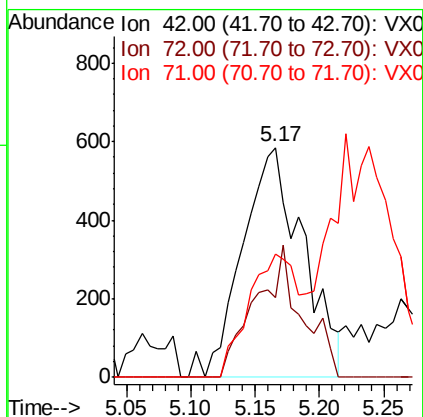
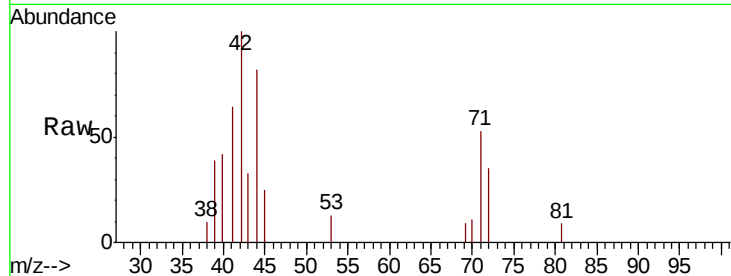




#29
Tetrahydrofuran
Concen: 1.23 ug/l
RT: 5.17 min Scan# 751
Delta R.T. 0.01 min
Lab File: VX004134.D
Acq: 17 Aug 2018 16:09

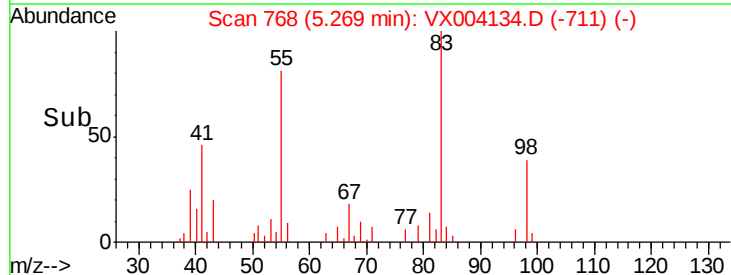
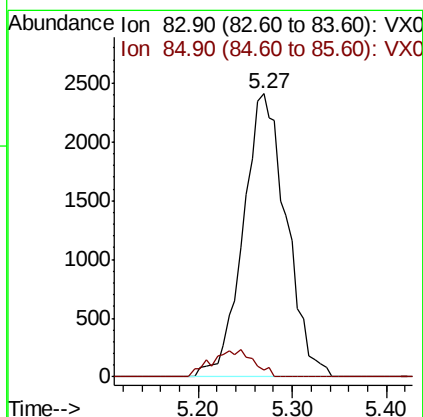
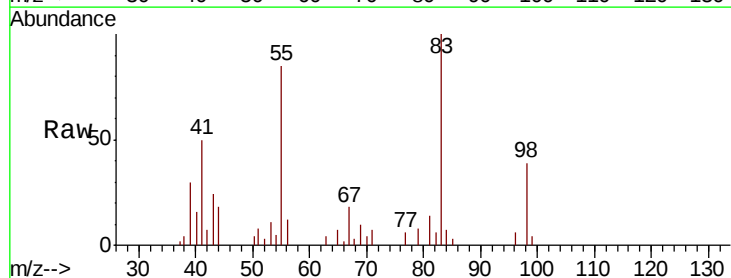
Instrument :
MSVOA_X
ClientSampled :

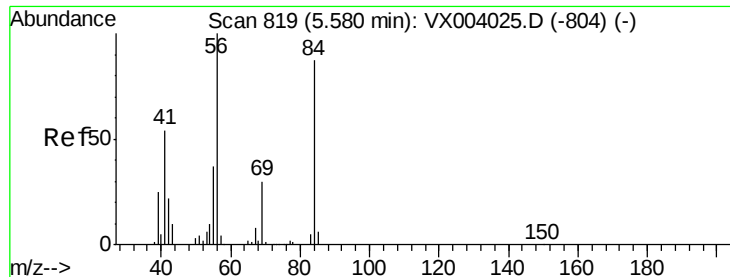
Tot Ion: 42 Resp: 1921
Ion Ratio Lower Upper
42 100
72 43.4 37.7 56.5
71 41.3 35.0 52.6



#30
Chloroform
Concen: 1.39 ug/l
RT: 5.27 min Scan# 768
Delta R.T. 0.05 min
Lab File: VX004134.D
Acq: 17 Aug 2018 16:09

Tgt Ion: 83 Resp: 7720
Ion Ratio Lower Upper
83 100
85 2.5 50.7 76.1#

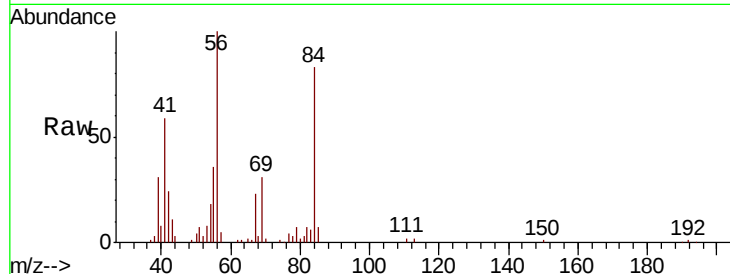




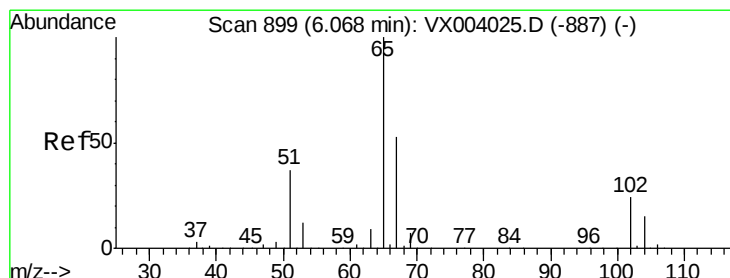
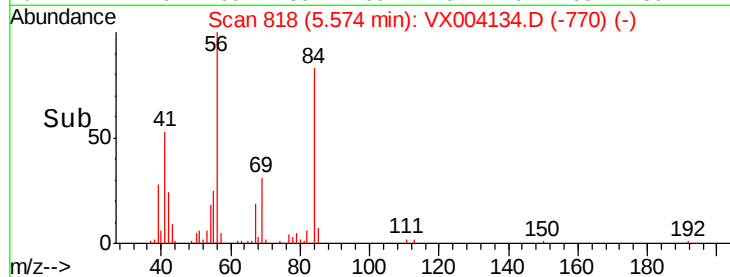
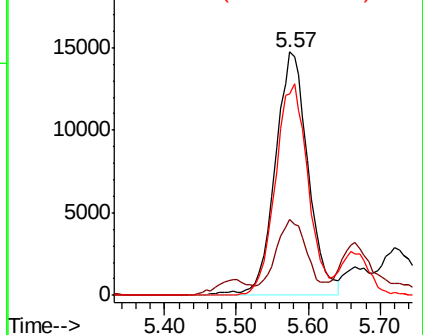
#31
Cyclohexane
Concen: 9.35 ug/l
RT: 5.57 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX004134.D
Acq: 17 Aug 2018 16:09

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 46791
Ion Ratio Lower Upper
56 100
69 31.3 24.9 37.3
84 82.5 71.7 107.5

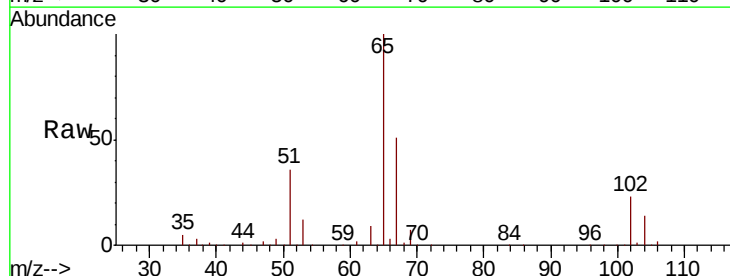


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

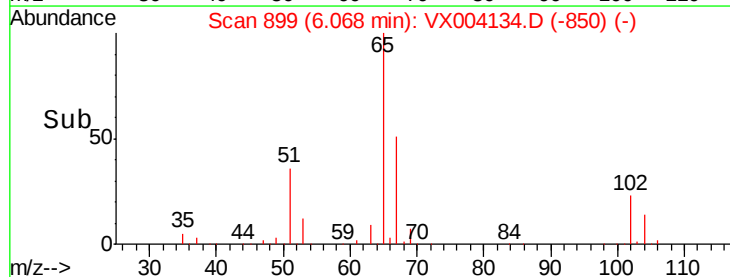
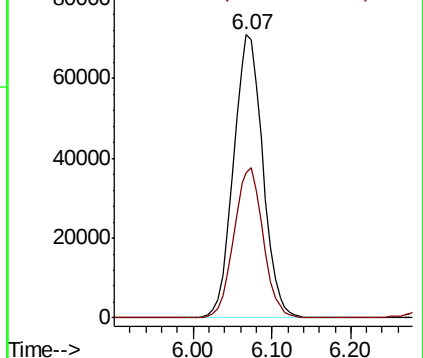


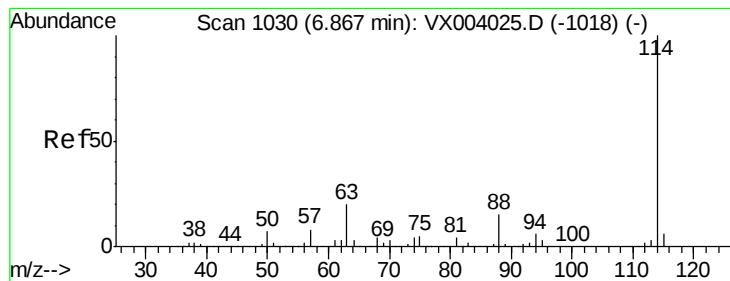
#33
1,2-Dichloroethane-d4
Concen: 50.60 ug/l
RT: 6.07 min Scan# 899
Delta R.T. -0.00 min
Lab File: VX004134.D
Acq: 17 Aug 2018 16:09

Tgt Ion: 65 Resp: 183152
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.8



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





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX004134.D

Acq: 17 Aug 2018 16:09

Instrument :

MSVOA_X

ClientSampleId :

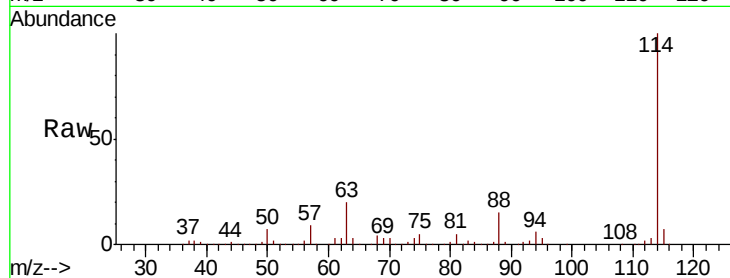
Tot Ion:114 Resp: 392867

Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.0

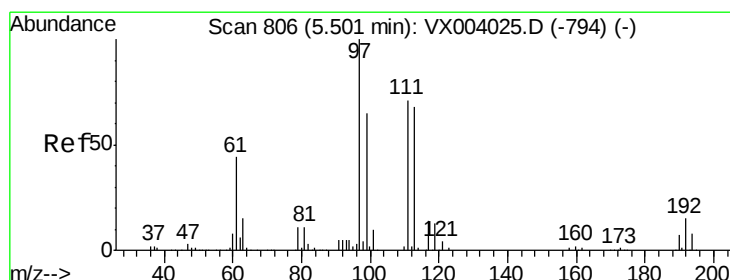
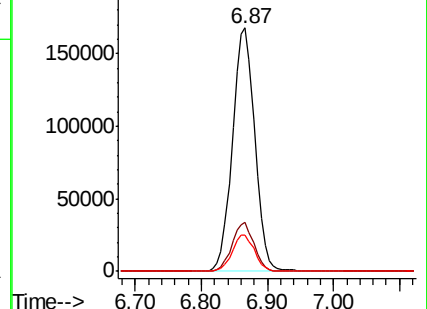
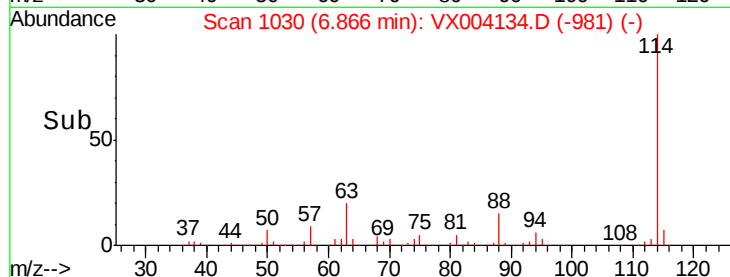
88 15.1 0.0 32.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 53.50 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004134.D

Acq: 17 Aug 2018 16:09

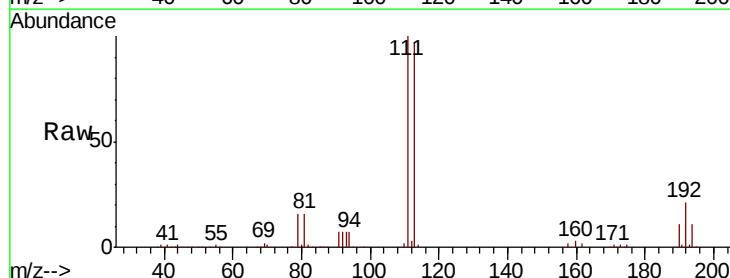
Tgt Ion:113 Resp: 157306

Ion Ratio Lower Upper

113 100

111 103.6 82.0 123.0

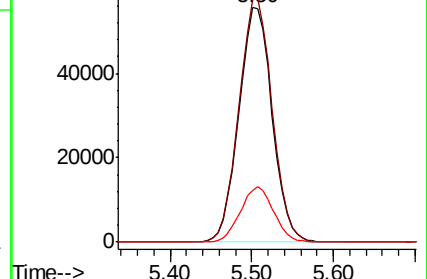
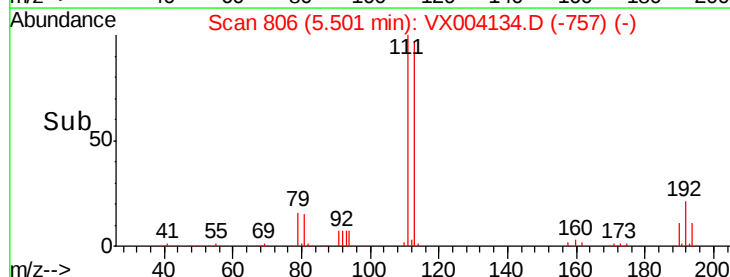
192 23.5 19.0 28.4

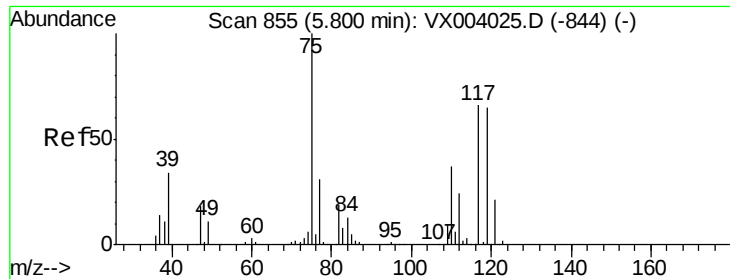


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 3.93 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.13 min

Lab File: VX004134.D

Acq: 17 Aug 2018 16:09

Instrument :

MSVOA_X

ClientSampleId :

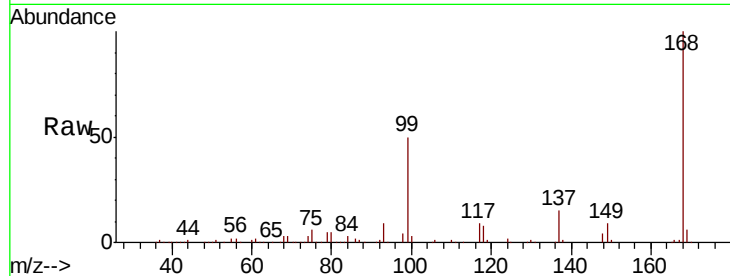
Tot Ion: 75 Resp: 17590

Ion Ratio Lower Upper

75 100

110 9.5 18.2 54.6#

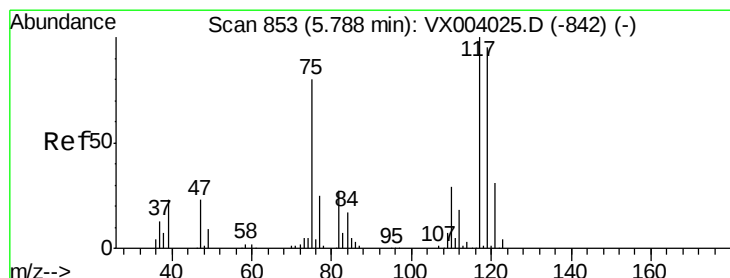
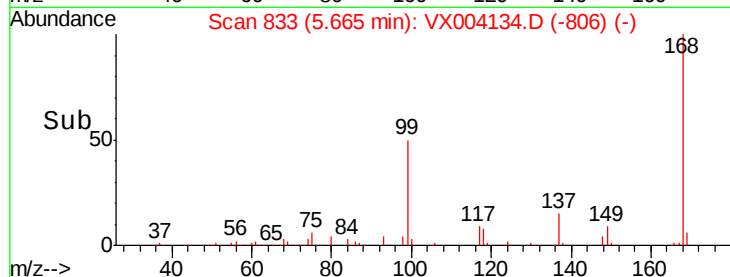
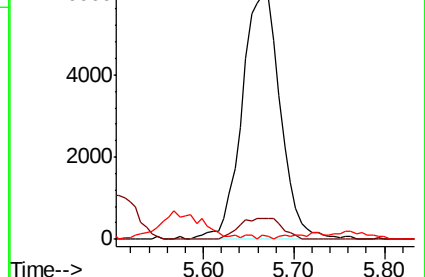
77 0.0 25.0 37.4#



Abundance Ion 74.90 (74.60 to 75.60): VX004025.D (-844) (-)

Ion 109.90 (109.60 to 110.60): VX004025.D (-844) (-)

Ion 76.90 (76.60 to 77.60): VX004025.D (-844) (-)



#38

Carbon Tetrachloride

Concen: 5.38 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.12 min

Lab File: VX004134.D

Acq: 17 Aug 2018 16:09

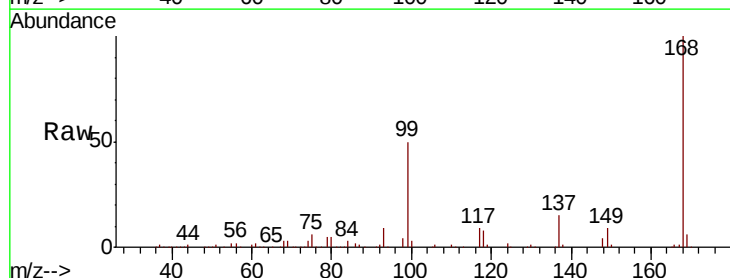
Tgt Ion: 117 Resp: 23367

Ion Ratio Lower Upper

117 100

119 6.3 79.5 119.3#

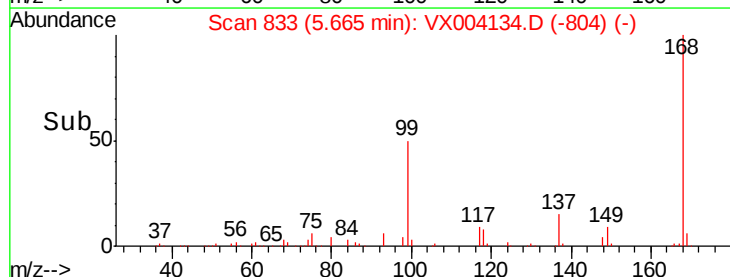
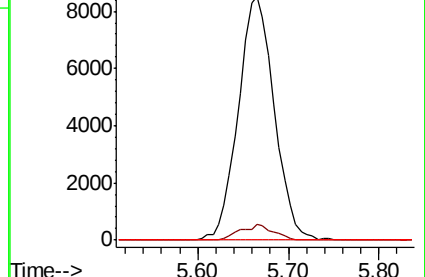
121 0.0 25.0 37.4#

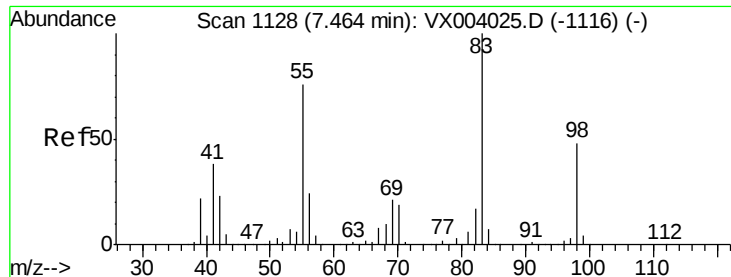


Abundance Ion 116.80 (116.50 to 117.50): VX004025.D (-842) (-)

Ion 118.80 (118.50 to 119.50): VX004025.D (-842) (-)

Ion 120.80 (120.50 to 121.50): VX004025.D (-842) (-)

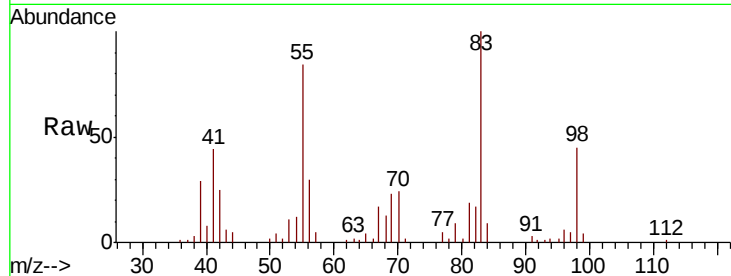




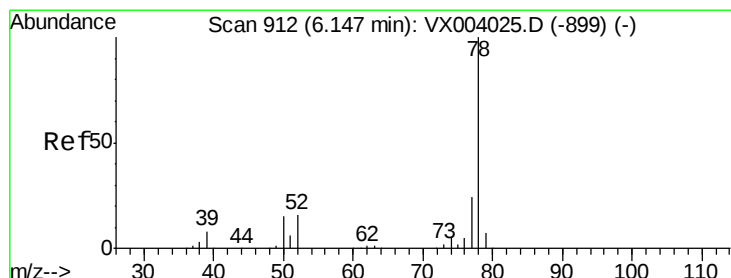
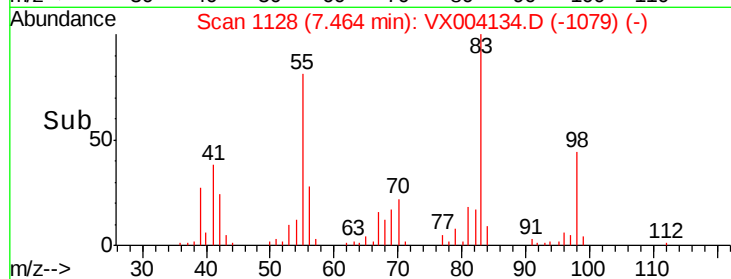
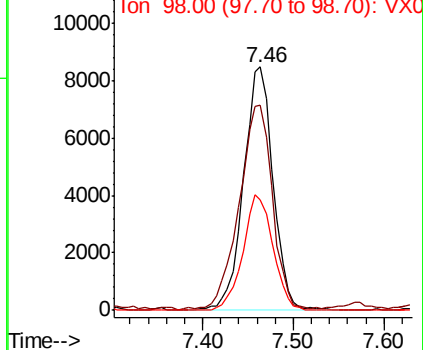
#39
Methvlcvclohexane
Concen: 3.76 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX004134.D
Acq: 17 Aug 2018 16:09

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	83	Resp	19069
Ion	Ratio	Lower	Upper
83	100		
55	83.0	61.0	91.6
98	45.4	38.6	57.8

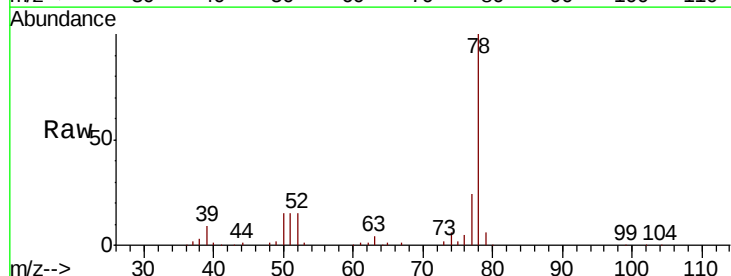


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

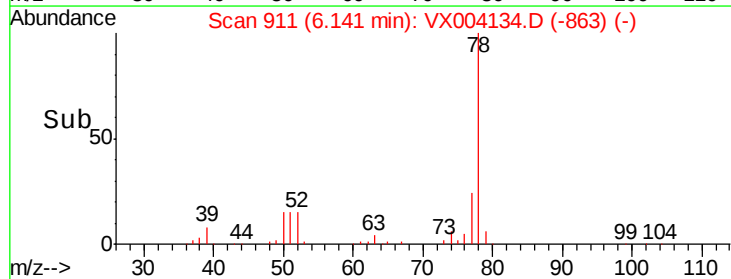
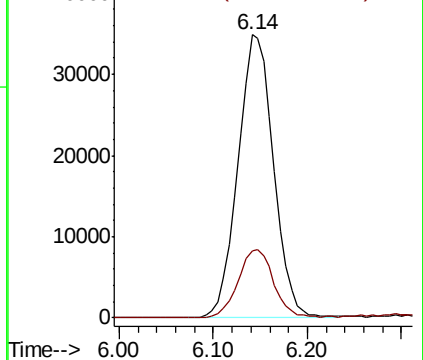


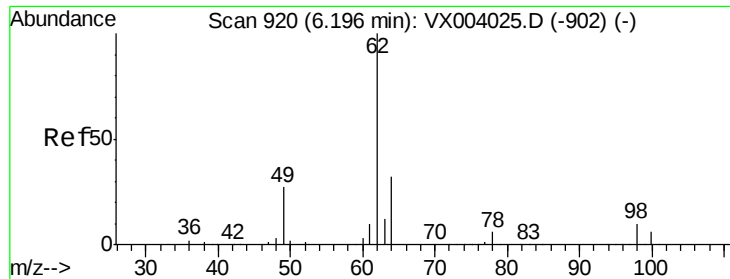
#40
Benzene
Concen: 6.87 ug/l
RT: 6.14 min Scan# 911
Delta R.T. -0.01 min
Lab File: VX004134.D
Acq: 17 Aug 2018 16:09

Tgt Ion	78	Resp	92235
Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.0	28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

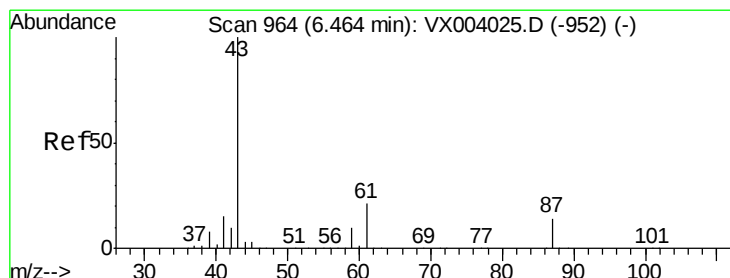
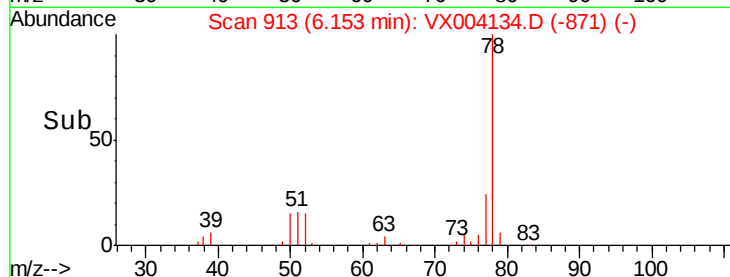
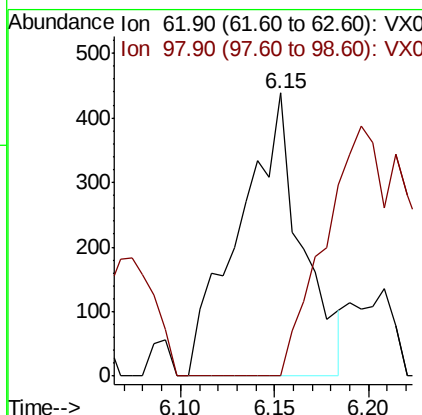
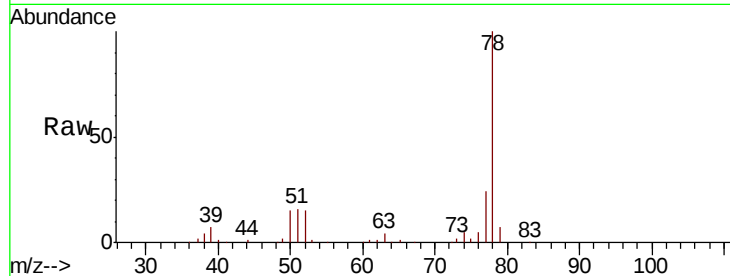




#42
 1,2-Dichloroethane
 Concen: 0.21 ug/l
 RT: 6.15 min Scan# 913
 Delta R.T. -0.04 min
 Lab File: VX004134.D
 Acq: 17 Aug 2018 16:09

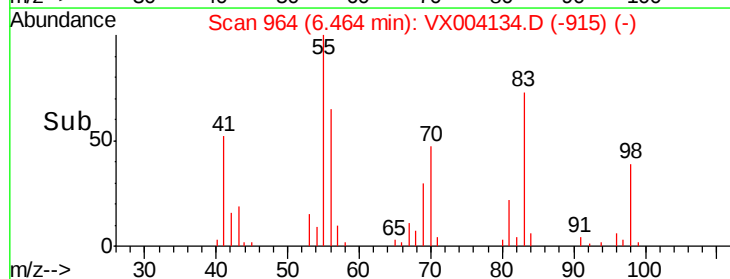
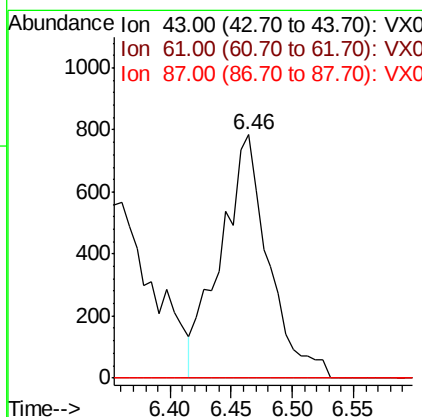
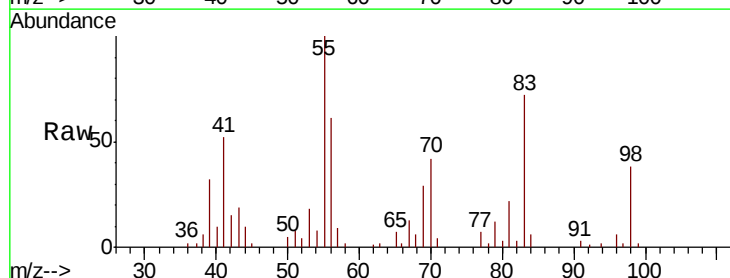
Instrument :
 MSVOA_X
 ClientSampled :

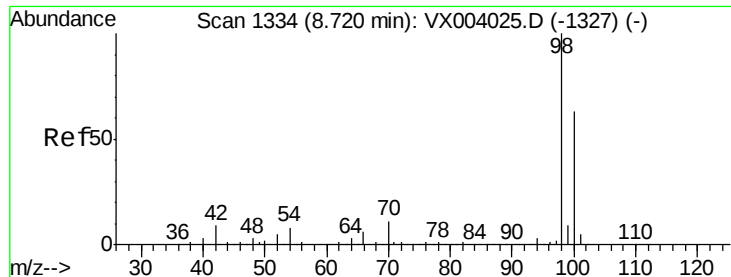
Tot Ion: 62 Resp: 1003
 Ion Ratio Lower Upper
 62 100
 98 0.0 0.0 20.4



#43
 Isopropyl Acetate
 Concen: 0.30 ug/l
 RT: 6.46 min Scan# 964
 Delta R.T. -0.00 min
 Lab File: VX004134.D
 Acq: 17 Aug 2018 16:09

Tgt Ion: 43 Resp: 2123
 Ion Ratio Lower Upper
 43 100
 61 0.0 16.9 25.3#
 87 0.0 11.3 16.9#

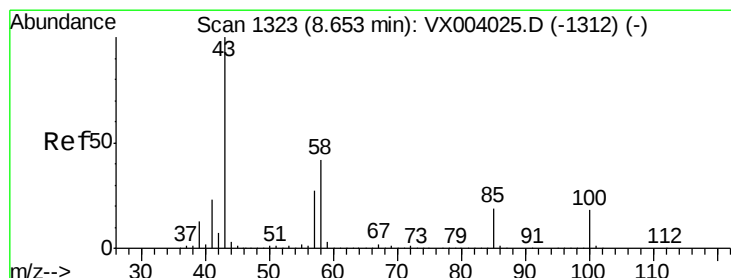
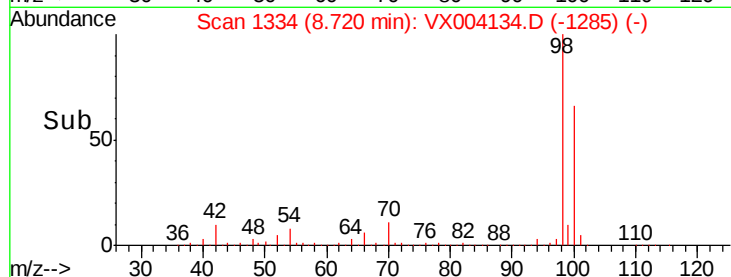
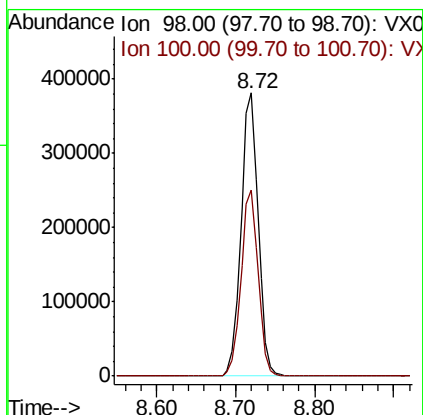
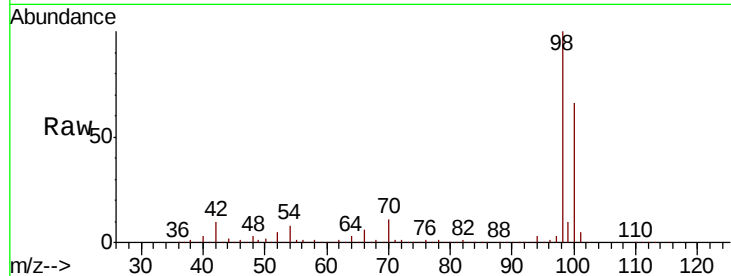




#50
Toluene-d8
Concen: 48.25 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX004134.D
Acq: 17 Aug 2018 16:09

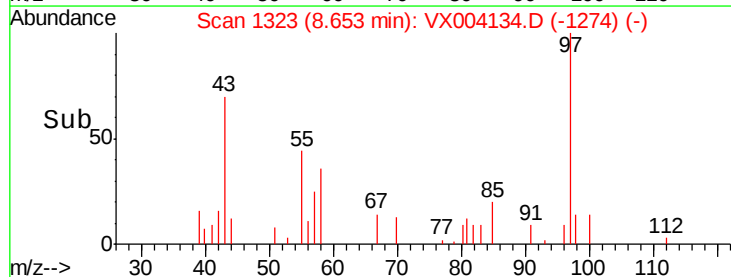
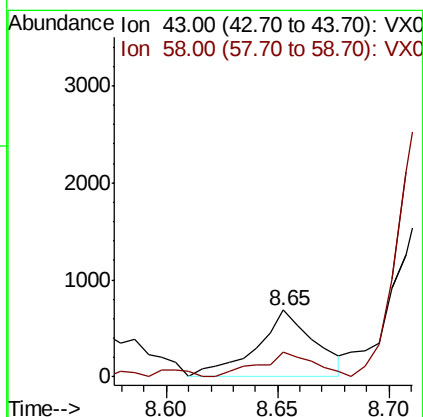
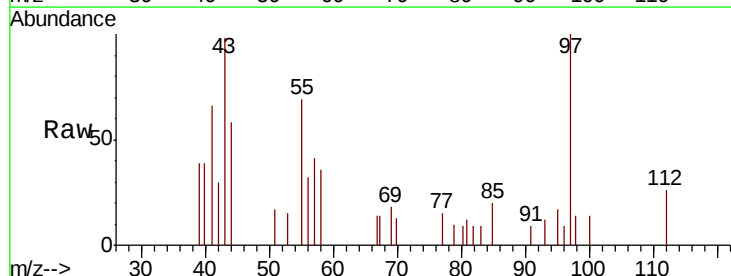
Instrument :
MSVOA_X
ClientSampleId :

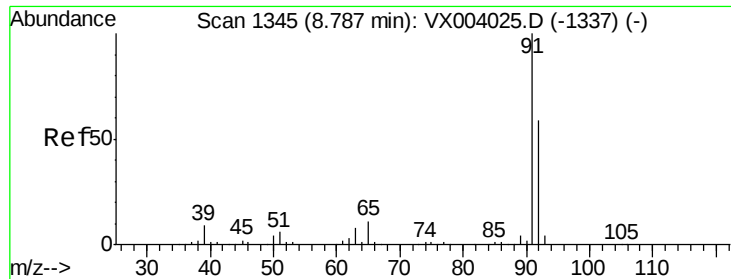
Tot Ion: 98 Resp: 575173
Ion Ratio Lower Upper
98 100
100 65.6 53.3 79.9



#51
4-Methyl-2-Pentanone
Concen: 0.21 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.00 min
Lab File: VX004134.D
Acq: 17 Aug 2018 16:09

Tgt Ion: 43 Resp: 1243
Ion Ratio Lower Upper
43 100
58 34.9 33.0 49.6





#52

Toluene

Concen: 0.34 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX004134.D

Acq: 17 Aug 2018 16:09

Instrument :

MSVOA_X

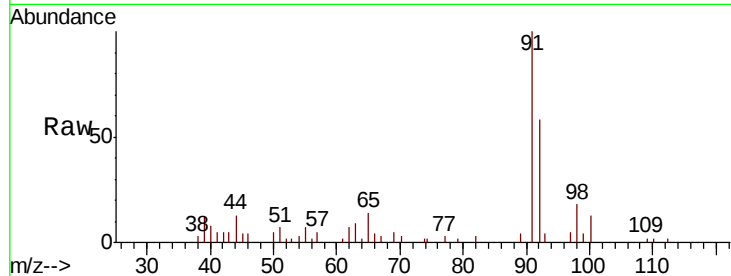
ClientSampleId :

Tot Ion: 92 Resp: 2871

Ion Ratio Lower Upper

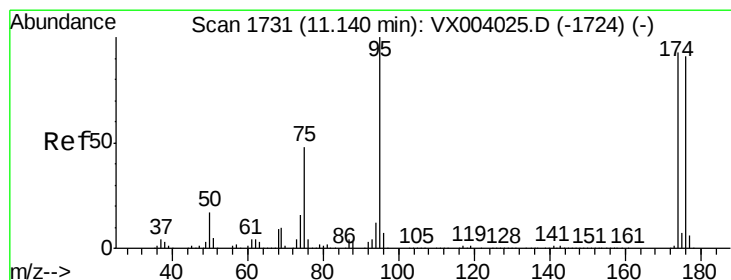
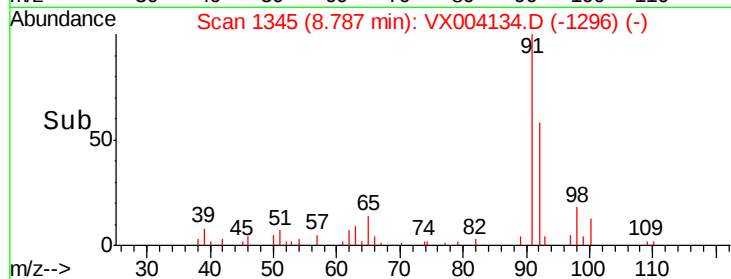
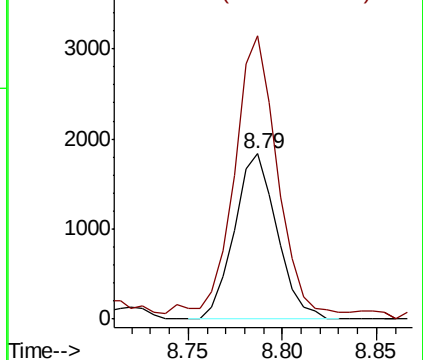
92 100

91 167.0 136.1 204.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 44.58 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004134.D

Acq: 17 Aug 2018 16:09

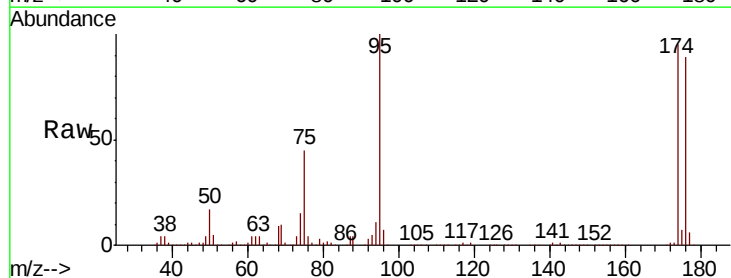
Tgt Ion: 95 Resp: 192739

Ion Ratio Lower Upper

95 100

174 92.6 0.0 182.8

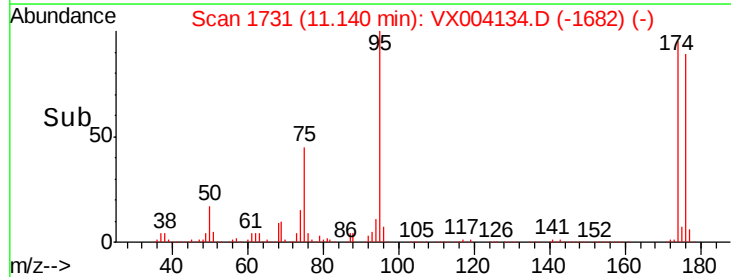
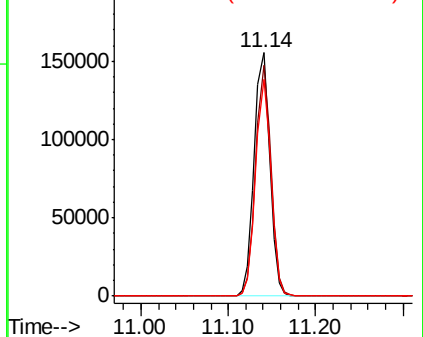
176 87.2 0.0 179.0

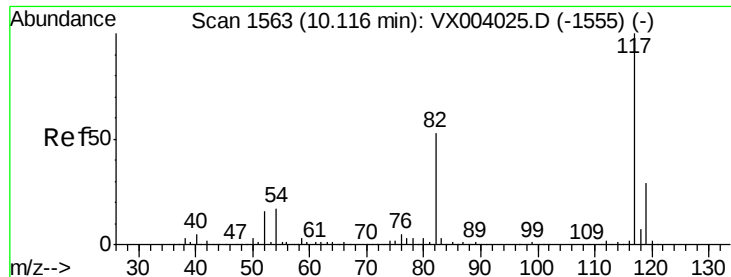


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

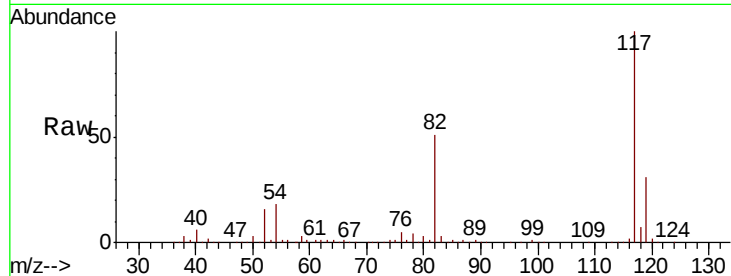




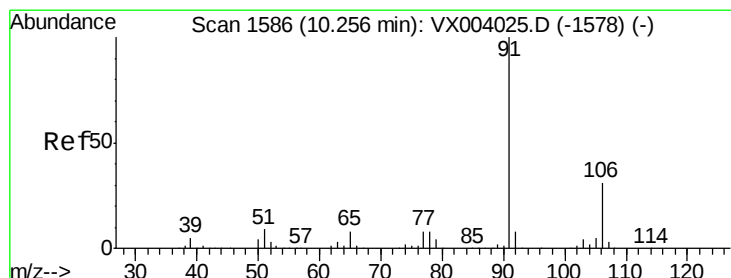
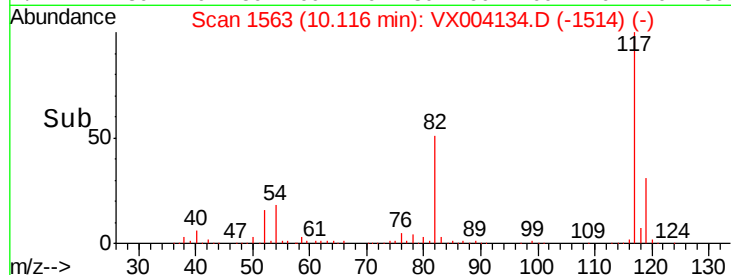
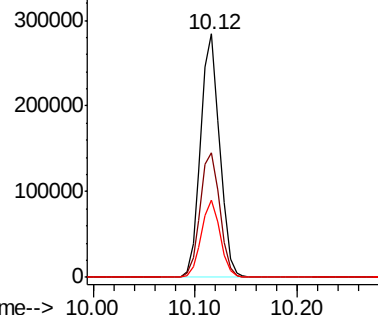
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004134.D
Acq: 17 Aug 2018 16:09

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 366573
Ion Ratio Lower Upper
117 100
82 51.3 45.4 68.0
119 31.5 26.6 40.0

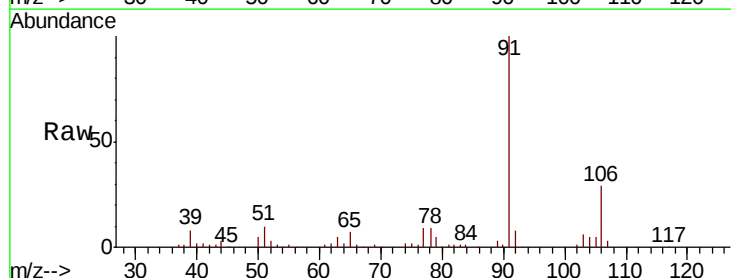


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

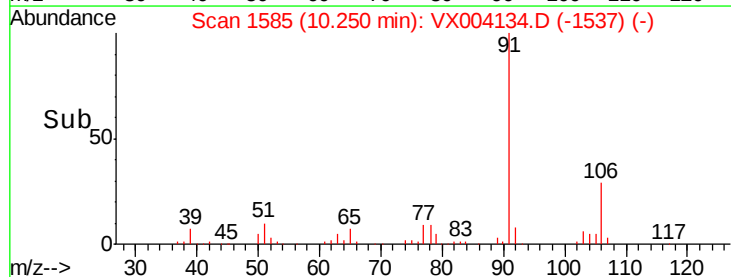
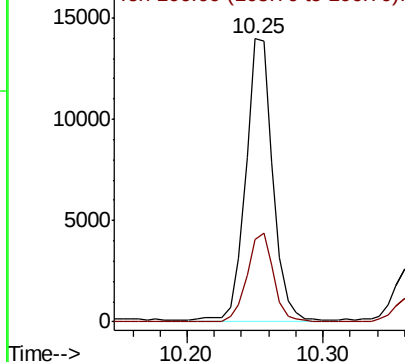


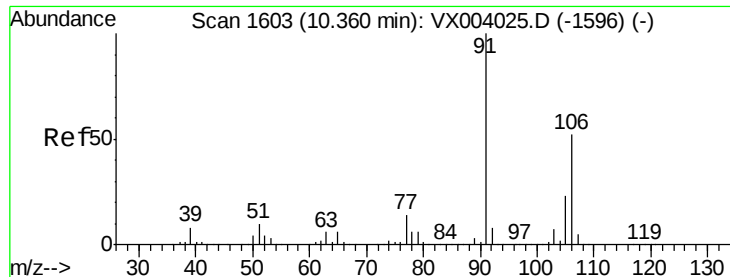
#67
Ethyl Benzene
Concen: 1.31 ug/l
RT: 10.25 min Scan# 1585
Delta R.T. -0.01 min
Lab File: VX004134.D
Acq: 17 Aug 2018 16:09

Tgt Ion: 91 Resp: 19606
Ion Ratio Lower Upper
91 100
106 29.3 25.9 38.9



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

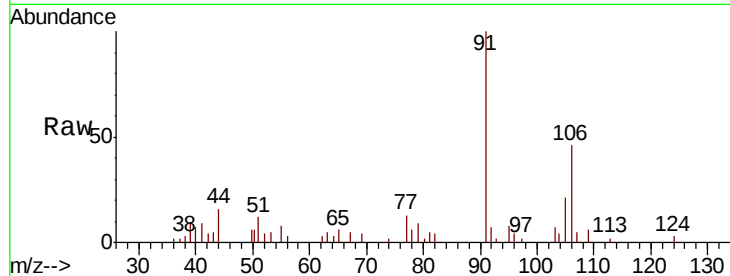




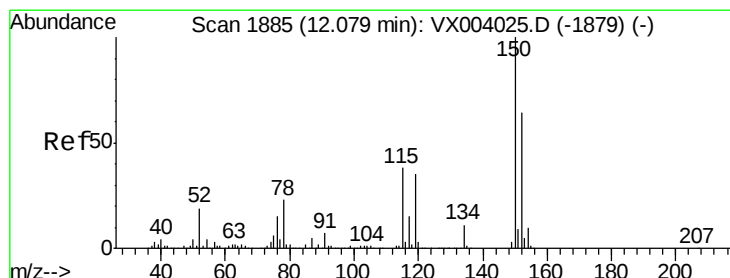
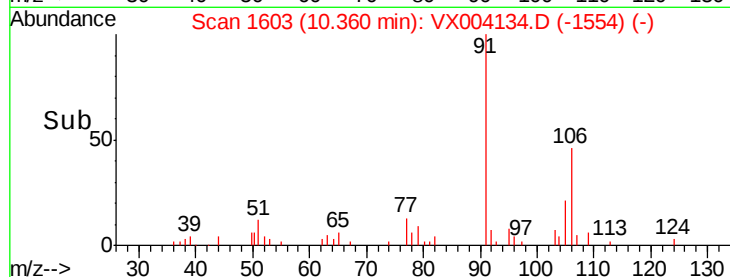
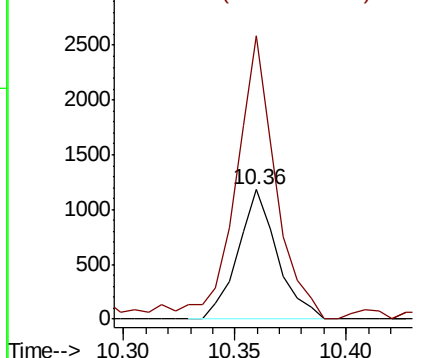
#68
m/p-Xvlenes
Concen: 0.25 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX004134.D
Acq: 17 Aug 2018 16:09

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 1457
Ion Ratio Lower Upper
106 100
91 222.4 162.3 243.5

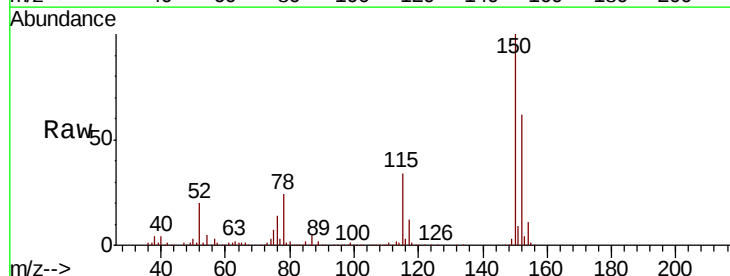


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

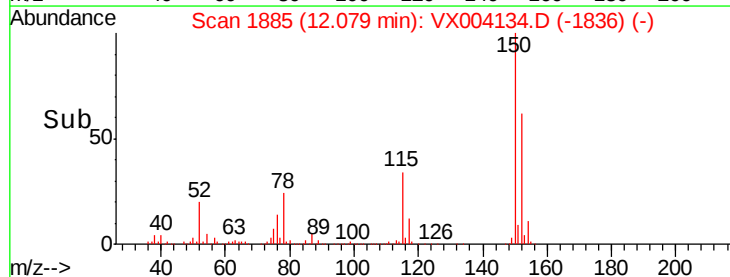
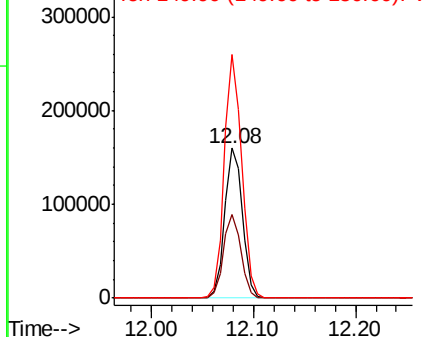


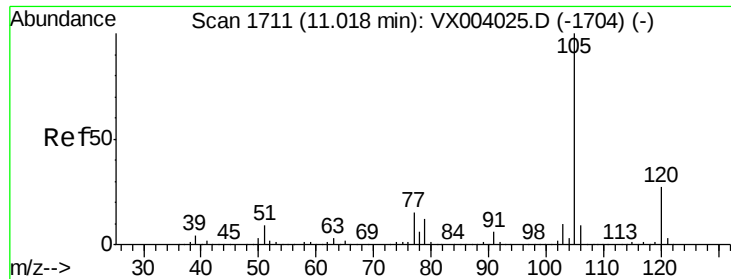
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX004134.D
Acq: 17 Aug 2018 16:09

Tgt Ion:152 Resp: 193303
Ion Ratio Lower Upper
152 100
115 55.3 39.1 117.3
150 160.1 0.0 349.2



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

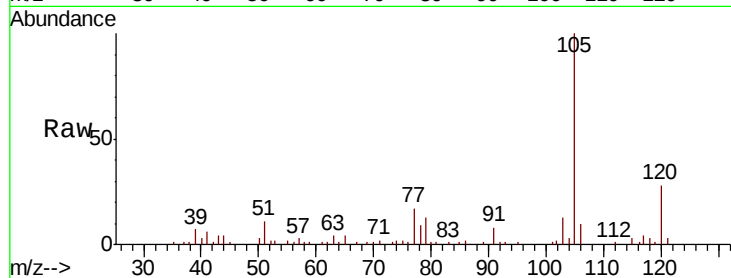




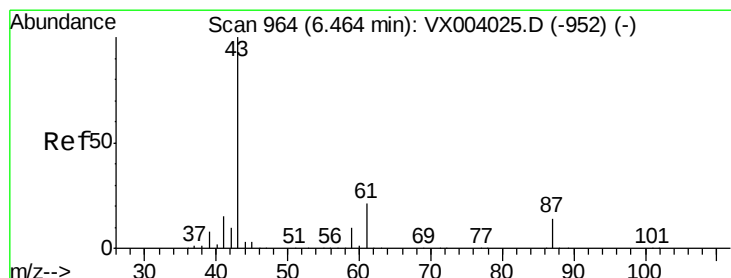
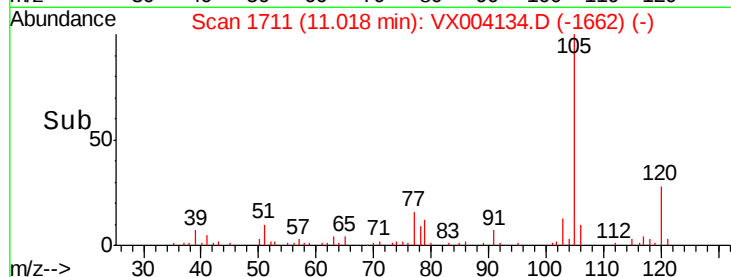
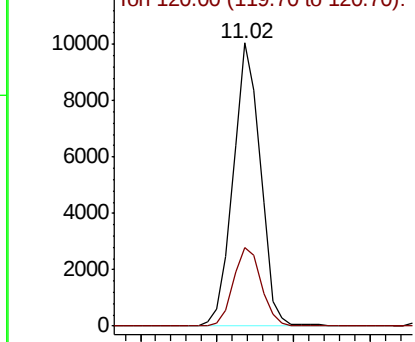
#73
Isopropylbenzene
Concen: 0.95 ug/l
RT: 11.02 min Scan# 1711
Delta R.T. -0.00 min
Lab File: VX004134.D
Acq: 17 Aug 2018 16:09

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:105 Resp: 12366
Ion Ratio Lower Upper
105 100
120 28.4 12.6 37.8

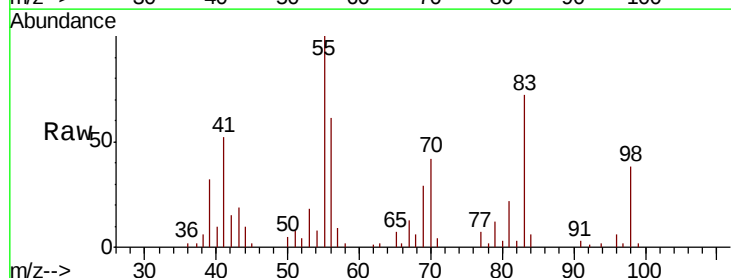


Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

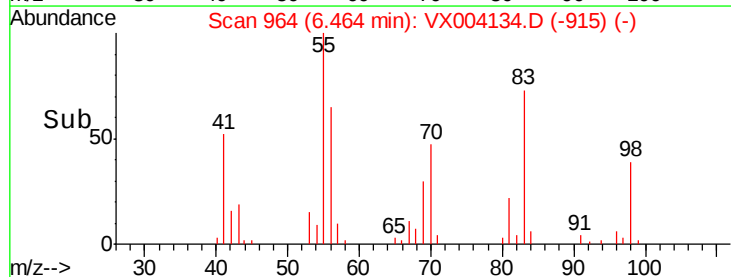
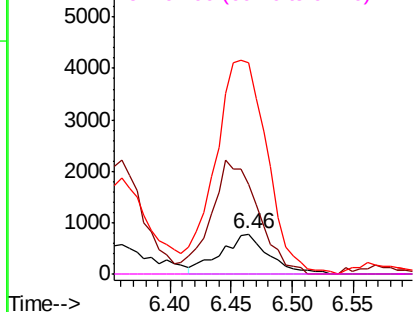


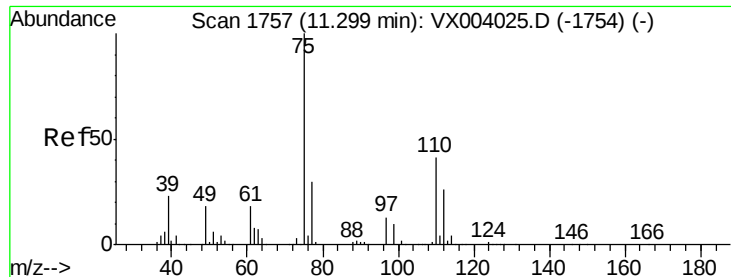
#74
N-ethyl acetate
Concen: 0.35 ug/l
RT: 6.46 min Scan# 964
Delta R.T. -0.00 min
Lab File: VX004134.D
Acq: 17 Aug 2018 16:09

Tgt Ion: 43 Resp: 2123
Ion Ratio Lower Upper
43 100
70 281.2 0.0 0.0#
55 577.9 0.1 0.1#
61 0.0 16.9 25.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 70.00 (69.70 to 70.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 61.00 (60.70 to 61.70): VX0

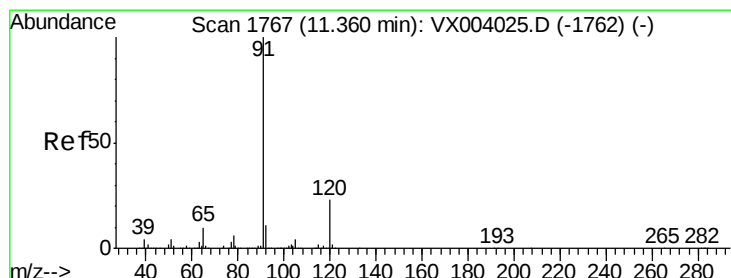
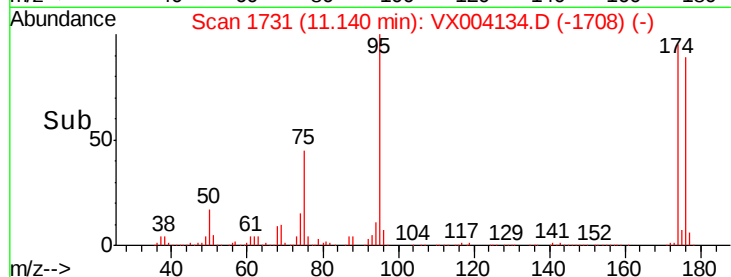
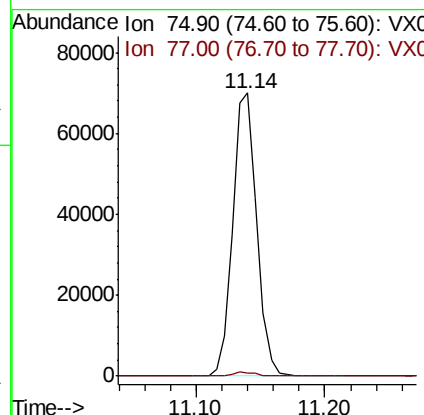
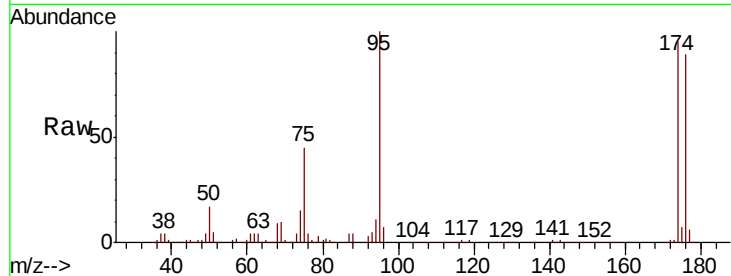




#76
 1,2,3-Trichloropropane
 Concen: 23.58 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.16 min
 Lab File: VX004134.D
 Acq: 17 Aug 2018 16:09

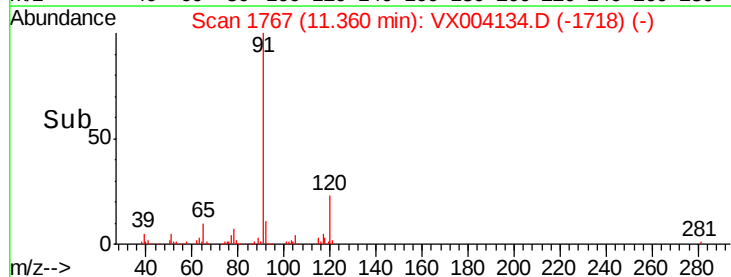
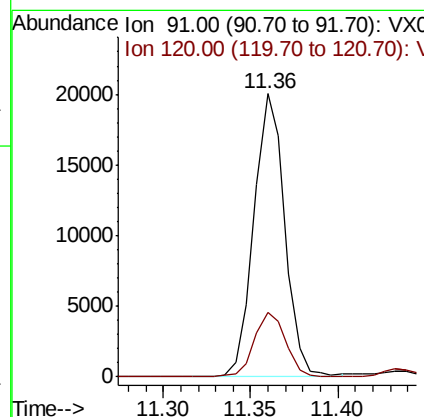
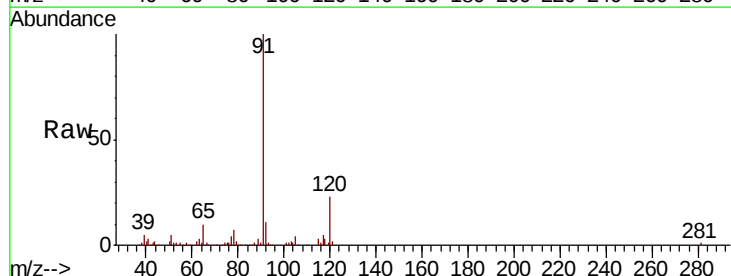
Instrument :
 MSVOA_X
 ClientSampled :

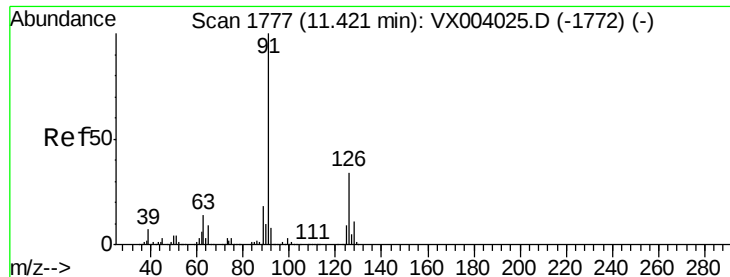
Tot Ion: 75 Resp: 91391
 Ion Ratio Lower Upper
 75 100
 77 1.6 20.8 62.5#



#78
 n-propylbenzene
 Concen: 1.68 ug/l
 RT: 11.36 min Scan# 1767
 Delta R.T. -0.00 min
 Lab File: VX004134.D
 Acq: 17 Aug 2018 16:09

Tgt Ion: 91 Resp: 24616
 Ion Ratio Lower Upper
 91 100
 120 23.1 11.9 35.5





#79

2-Chlorotoluene

Concen: 2.76 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.06 min

Lab File: VX004134.D

Acq: 17 Aug 2018 16:09

Instrument :

MSVOA_X

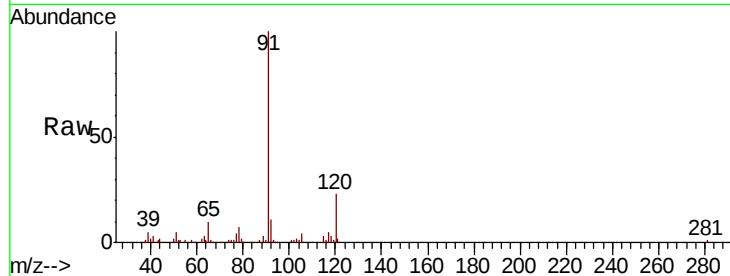
ClientSampleId :

Tot Ion: 91 Resp: 24616

Ion Ratio Lower Upper

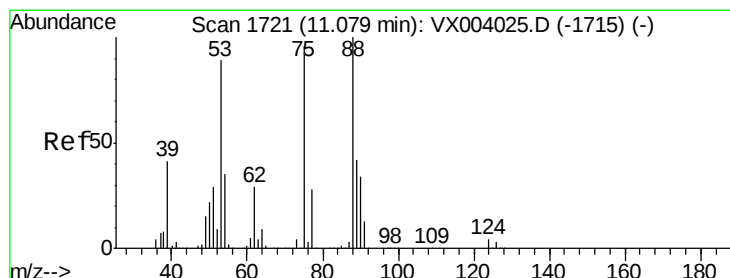
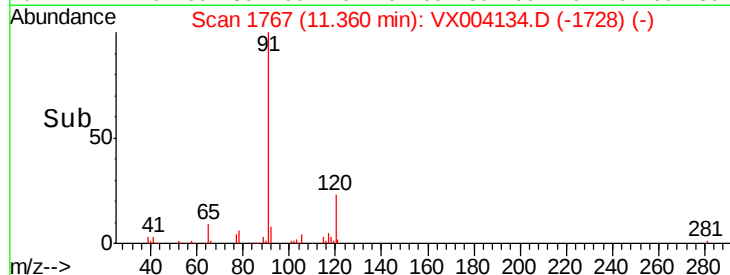
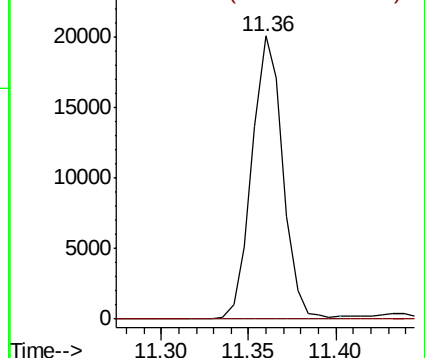
91 100

126 0.0 17.4 52.3#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#81

trans-1,4-Dichloro-2-butene

Concen: 72.98 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX004134.D

Acq: 17 Aug 2018 16:09

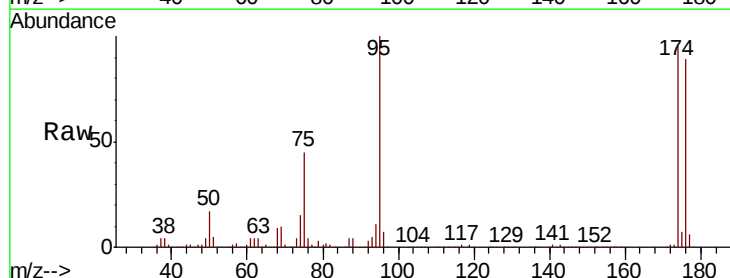
Tgt Ion: 75 Resp: 91391

Ion Ratio Lower Upper

75 100

53 0.4 80.3 120.5#

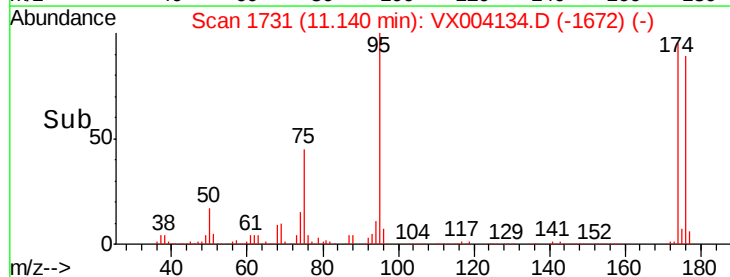
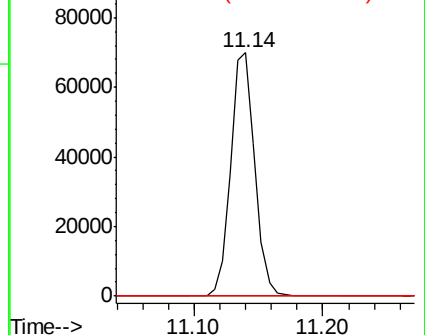
89 0.0 37.8 56.8#

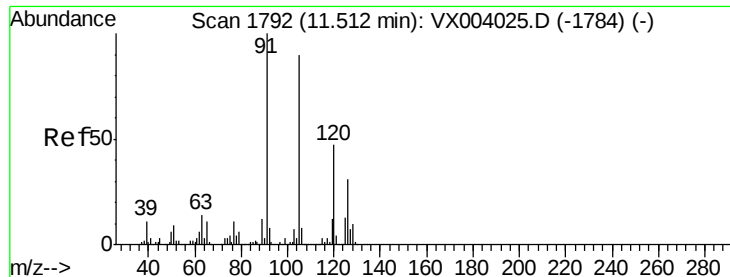


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

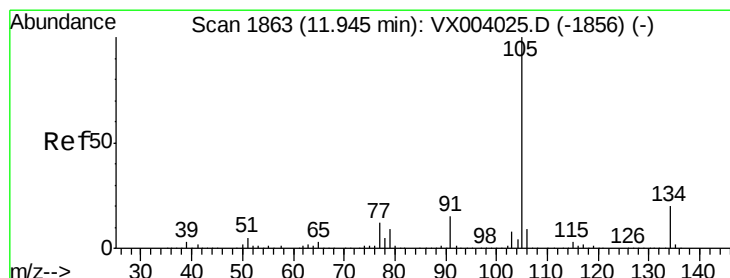
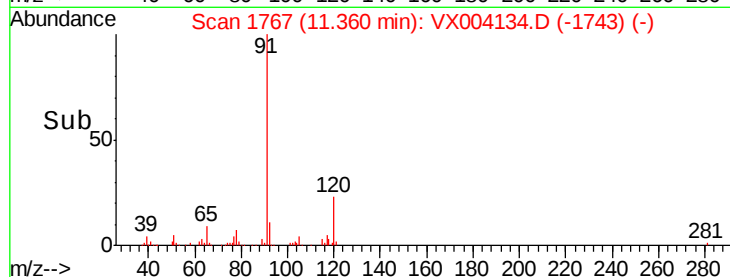
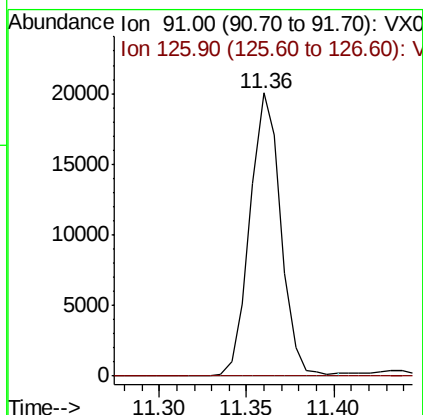
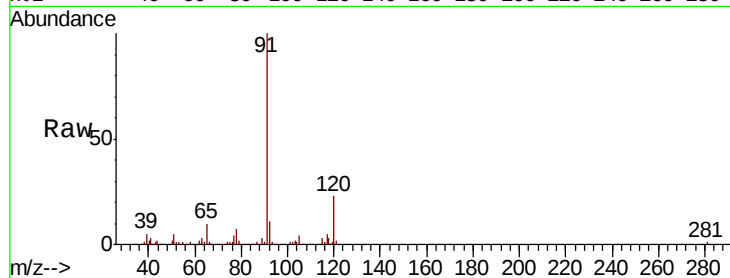




#82
4-Chlorotoluene
Concen: 2.33 ug/l
RT: 11.36 min Scan# 1767
Delta R.T. -0.15 min
Lab File: VX004134.D
Acq: 17 Aug 2018 16:09

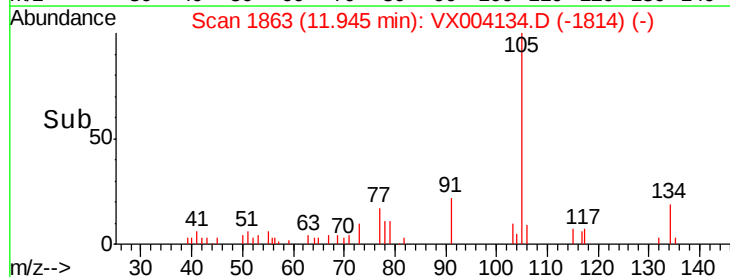
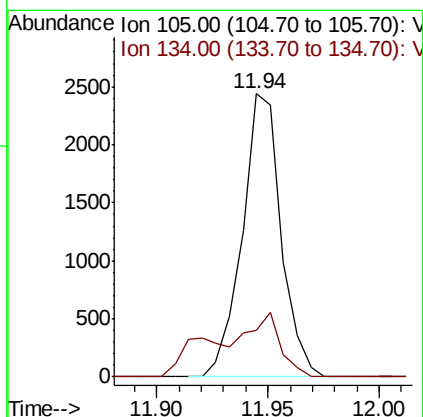
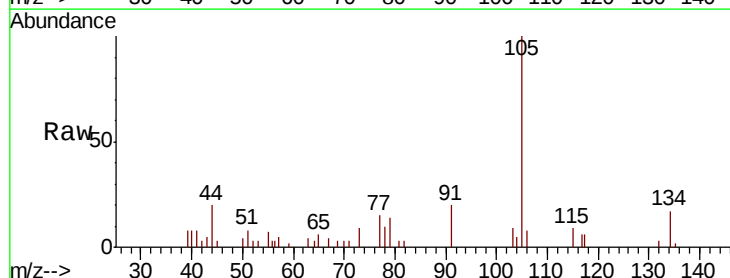
Instrument :
MSVOA_X
ClientSampleId :

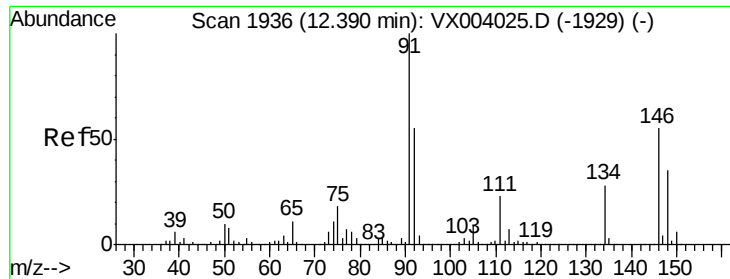
Tot Ion: 91 Resp: 24616
Ion Ratio Lower Upper
91 100
126 0.0 15.6 46.7#



#85
sec-Butylbenzene
Concen: 0.23 ug/l
RT: 11.94 min Scan# 1863
Delta R.T. -0.00 min
Lab File: VX004134.D
Acq: 17 Aug 2018 16:09

Tgt Ion:105 Resp: 2966
Ion Ratio Lower Upper
105 100
134 20.0 10.3 30.9





#89

n-Butylbenzene

Concen: 0.24 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX004134.D

Acq: 17 Aug 2018 16:09

Instrument :

MSVOA_X

ClientSampleId :

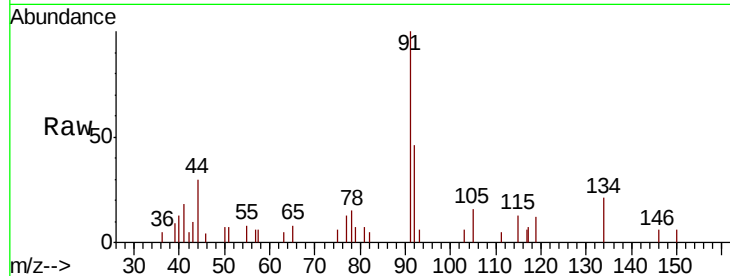
Tot Ion: 91 Resp: 2198

Ion Ratio Lower Upper

91 100

92 39.0 27.1 81.3

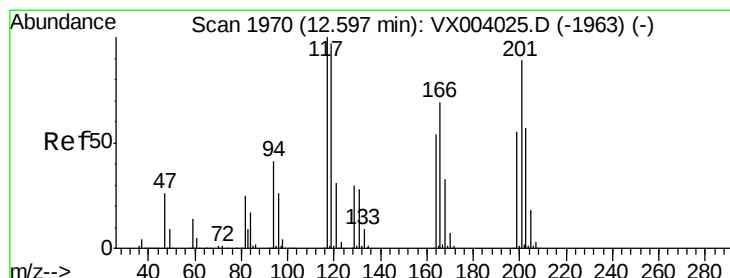
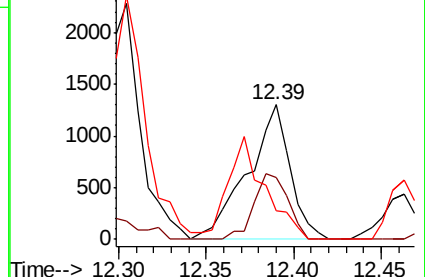
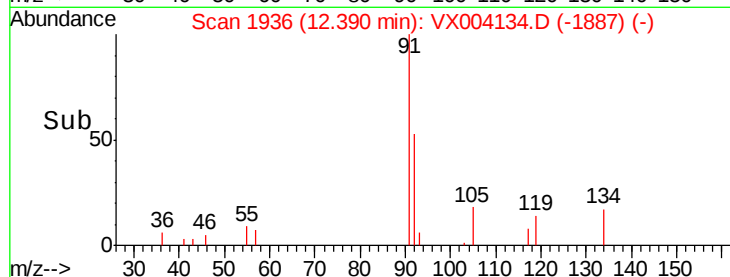
134 66.8 13.6 40.7#



Abundance Ion 91.00 (90.70 to 91.70): VX004134.D (-1887) (-)

Ion 92.00 (91.70 to 92.70): VX004134.D (-1887) (-)

Ion 134.00 (133.70 to 134.70): VX004134.D (-1887) (-)



#90

Hexachloroethane

Concen: 1.20 ug/l

RT: 12.67 min Scan# 1982

Delta R.T. 0.07 min

Lab File: VX004134.D

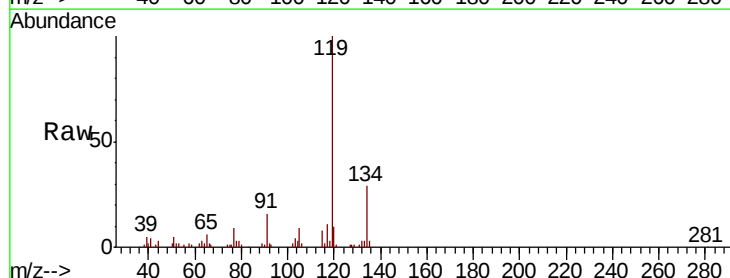
Acq: 17 Aug 2018 16:09

Tgt Ion: 117 Resp: 2062

Ion Ratio Lower Upper

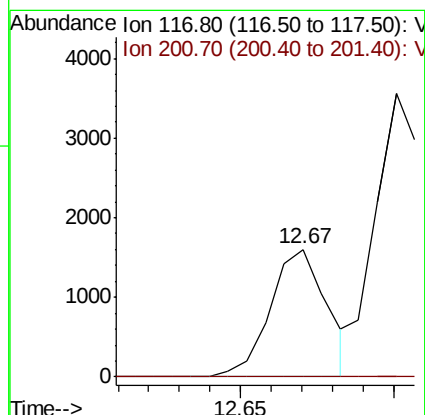
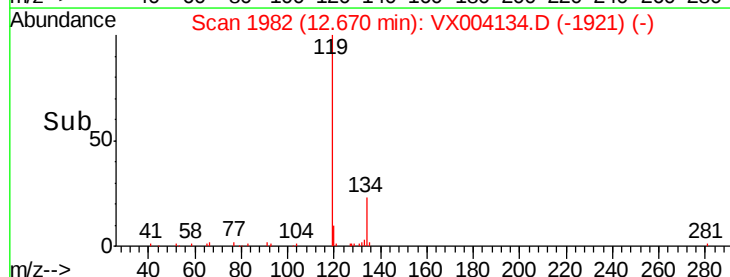
117 100

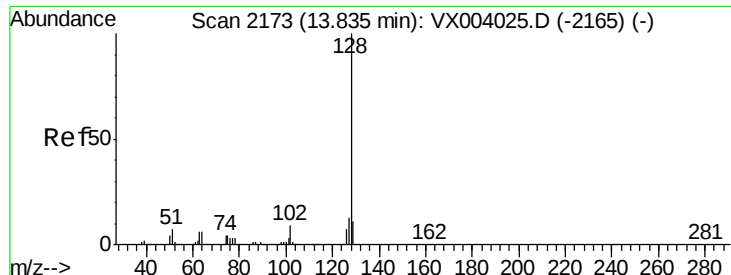
201 0.0 46.1 138.2#



Abundance Ion 116.80 (116.50 to 117.50): VX004134.D (-1921) (-)

Ion 200.70 (200.40 to 201.40): VX004134.D (-1921) (-)





#95
Naphthalene
Concen: 1.32 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.01 min
Lab File: VX004134.D
Acq: 17 Aug 2018 16:09

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 2391
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.2
129 18.6 8.8 13.2#

