

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071819\
 Data File : VX010970.D
 Acq On : 18 Jul 2019 19:39
 Operator : JC/SP
 Sample : K3884-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 19 01:37:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 17 06:57:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	242361	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	372998	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	344380	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	169449	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	133720	51.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.72%	
35) Dibromofluoromethane	5.50	113	117265	49.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.06%	
50) Toluene-d8	8.71	98	451395	50.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.66%	
62) 4-Bromofluorobenzene	11.13	95	166454	51.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.00%	

Target Compounds

						Qvalue
3) Chloromethane	1.32	50	664	0.298	ug/l #	68
5) Bromomethane	1.66	94	436	0.340	ug/l #	37
6) Chloroethane	1.71	64	663	0.459	ug/l #	77
13) Acrolein	2.40	56	50561	145.737	ug/l #	81
14) Allyl chloride	2.84	41	108174	34.498	ug/l #	63
15) Acrylonitrile	3.18	53	32969	27.171	ug/l #	38
16) Acetone	2.40	43	136922	117.579	ug/l #	49
18) Methyl Acetate	2.85	43	271843	102.520	ug/l #	48
20) Methylene Chloride	2.85	84	852	0.345	ug/l #	1
25) 2-Butanone	4.56	43	5927	3.546	ug/l #	46
26) 2,2-Dichloropropane	4.41	77	14548	4.613	ug/l #	50
29) Tetrahydrofuran	5.12	42	261	0.246	ug/l #	29
31) Cyclohexane	5.59	56	978458	279.495	ug/l	99
36) 1,1-Dichloropropene	5.65	75	16111	5.258	ug/l #	44
38) Carbon Tetrachloride	5.66	117	22226	6.962	ug/l #	16
39) Methylcyclohexane	7.46	83	634823	159.776	ug/l	97
41) Methacrylonitrile	5.06	41	786	0.441	ug/l #	20
43) Isopropyl Acetate	6.46	43	10714	2.077	ug/l #	62
45) 1,2-Dichloropropane	7.46	63	6506	2.724	ug/l #	1
47) Bromodichloromethane	7.85	83	1200	0.395	ug/l #	1
48) Methyl methacrylate	7.73	41	39538	15.733	ug/l #	52
51) 4-Methyl-2-Pentanone	8.66	43	4458	1.333	ug/l #	35
52) Toluene	8.78	92	1625	0.264	ug/l	85
55) 1,1,2-Trichloroethane	9.16	97	27997	11.029	ug/l #	19
56) Ethyl methacrylate	9.16	69	6380	1.718	ug/l #	3
60) Dibromochloromethane	9.33	129	579	2.716	ug/l #	11
64) Tetrachloroethene	9.33	164	559	0.206	ug/l #	85
67) Ethyl Benzene	10.25	91	1447847	120.257	ug/l	100
68) m/p-Xylenes	10.36	106	965897	209.146	ug/l	99
69) o-Xylene	10.69	106	17315	3.842	ug/l	94
73) Isopropylbenzene	11.02	105	179624	15.688	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	1067	0.285	ug/l #	48
76) 1,2,3-Trichloropropane	11.45	75	9385	3.069	ug/l #	1
78) n-propylbenzene	11.36	91	245189	19.381	ug/l	99

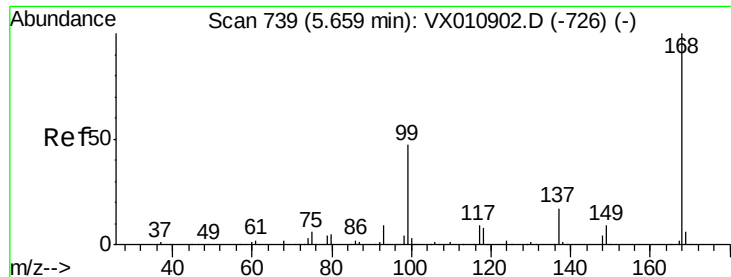
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071819\
 Data File : VX010970.D
 Acq On : 18 Jul 2019 19:39
 Operator : JC/SP
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Instrument :
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 ClientSampleId :

Quant Time: Jul 19 01:37:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 17 06:57:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
79) 2-Chlorotoluene	11.45	91	130306	17.146	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.51	105	529683	55.364	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.13	75	83798	67.885	ug/l #	11
82) 4-Chlorotoluene	11.51	91	57716	6.525	ug/l #	43
83) tert-Butylbenzene	11.80	119	470267	50.042	ug/l #	57
84) 1,2,4-Trimethylbenzene	11.80	105	3746564	388.530	ug/l	100
85) sec-Butylbenzene	11.80	105	3746564	340.243	ug/l #	55
86) p-Isopropyltoluene	12.06	119	74954	7.363	ug/l	99
89) n-Butylbenzene	12.37	91	84164	9.664	ug/l #	17
90) Hexachloroethane	12.58	117	23751	14.792	ug/l #	6
92) 1,2-Dibromo-3-Chloropropan	13.02	75	2641	3.372	ug/l #	1
95) Naphthalene	13.83	128	1136791	104.576	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX010970.D

Acq: 18 Jul 2019 19:39

Instrument :

MSVOA_X

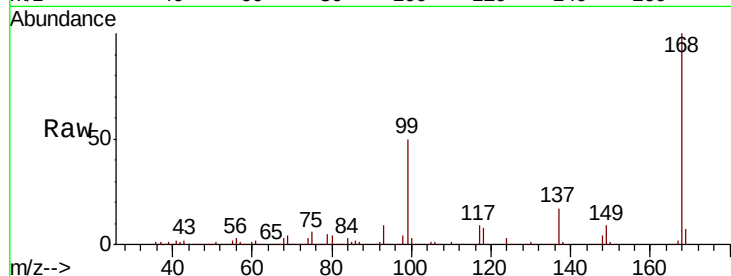
ClientSampleId :

Tot Ion:168 Resp: 242361

Ion Ratio Lower Upper

168 100

99 49.8 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

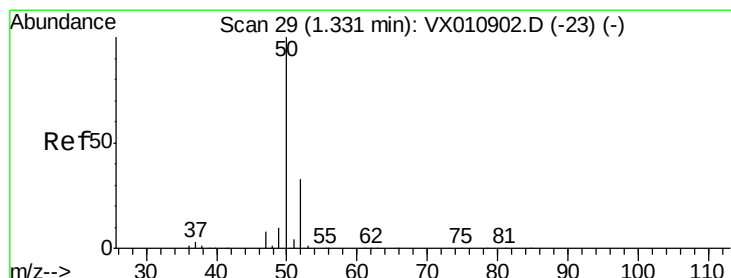
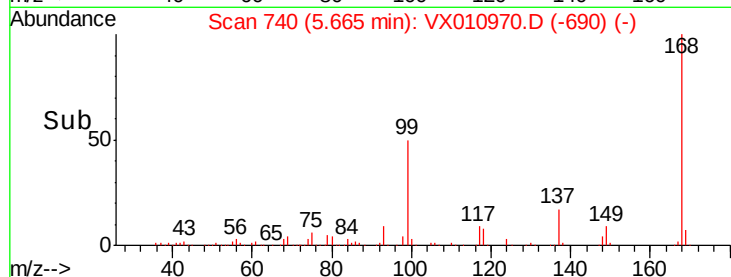
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.298 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX010970.D

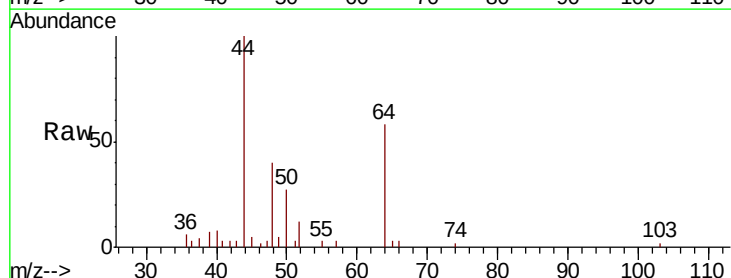
Acq: 18 Jul 2019 19:39

Tgt Ion: 50 Resp: 664

Ion Ratio Lower Upper

50 100

52 51.2 26.4 39.6#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

800

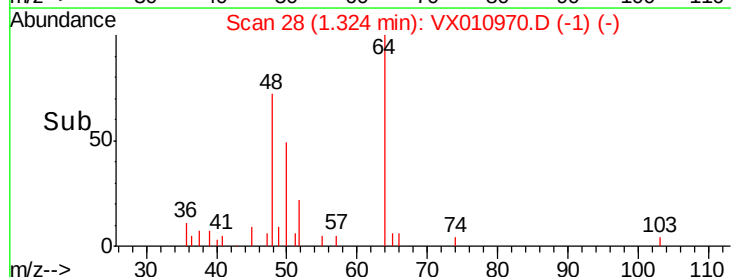
600

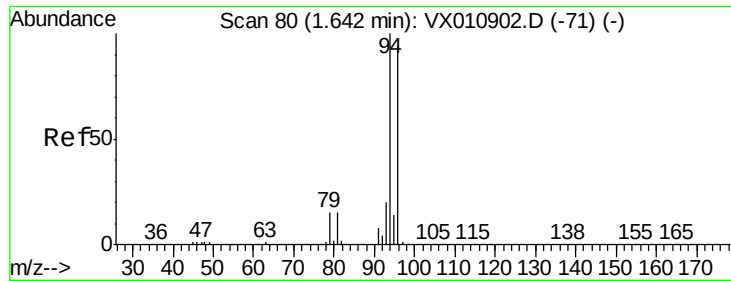
400

200

0

Time--> 1.30 1.35





#5

Bromomethane

Concen: 0.340 ug/l

RT: 1.66 min Scan# 83

Delta R.T. 0.02 min

Lab File: VX010970.D

Acq: 18 Jul 2019 19:39

Instrument :

MSVOA_X

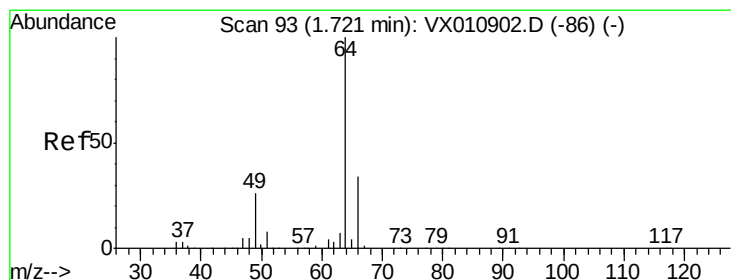
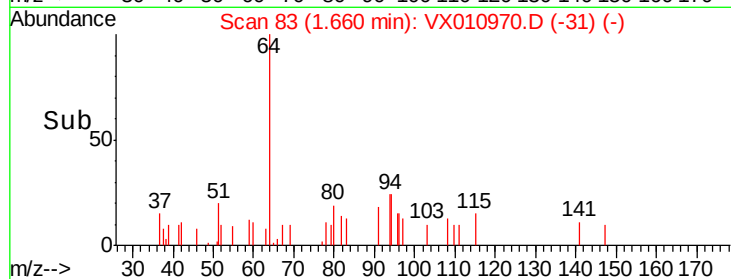
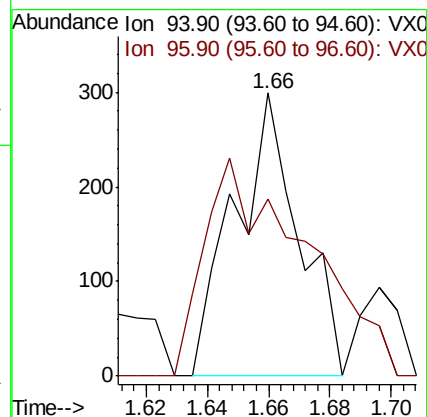
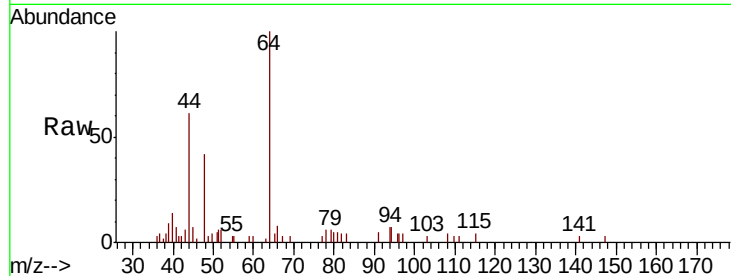
ClientSampleId :

Tot Ion: 94 Resp: 436

Ion Ratio Lower Upper

94 100

96 33.4 75.6 113.4#



#6

Chloroethane

Concen: 0.459 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX010970.D

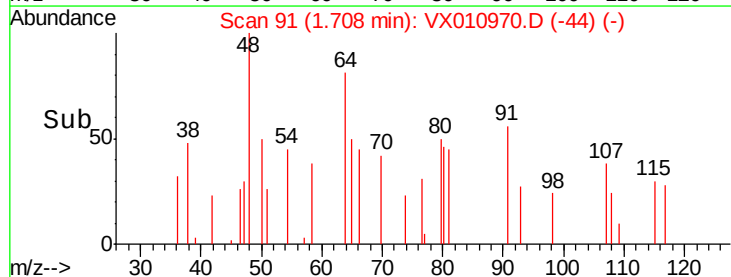
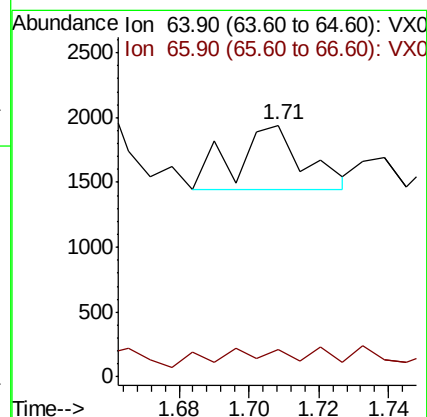
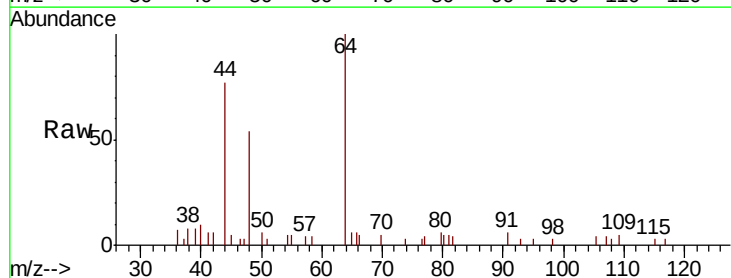
Acq: 18 Jul 2019 19:39

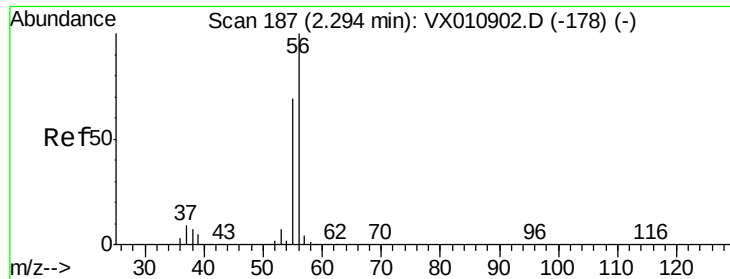
Tgt Ion: 64 Resp: 663

Ion Ratio Lower Upper

64 100

66 20.4 27.0 40.6#





#13

Acrolein

Concen: 145.737 ug/l

RT: 2.40 min Scan# 204

Delta R.T. 0.10 min

Lab File: VX010970.D

Acq: 18 Jul 2019 19:39

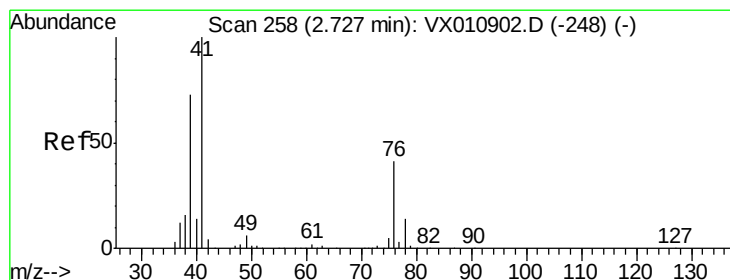
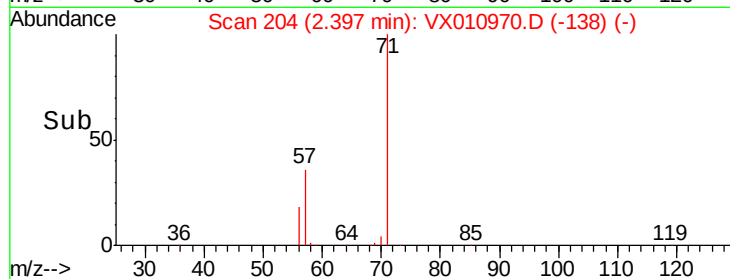
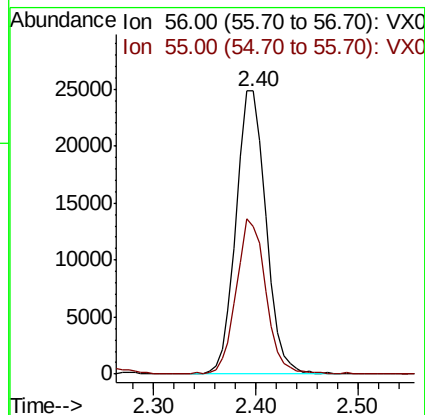
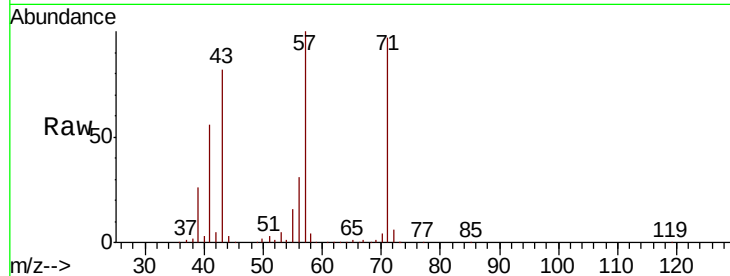
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 50561

Ion Ratio Lower Upper

56 100

55 54.2 55.9 83.9#



#14

Allyl chloride

Concen: 34.498 ug/l

RT: 2.84 min Scan# 277

Delta R.T. 0.12 min

Lab File: VX010970.D

Acq: 18 Jul 2019 19:39

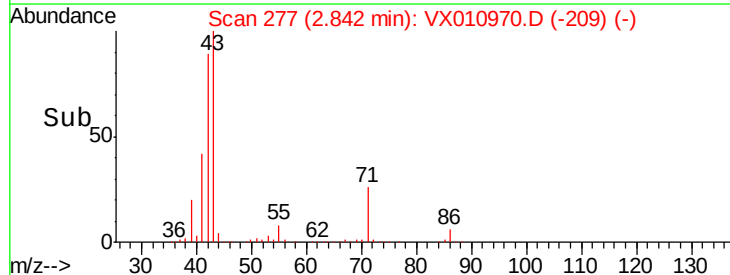
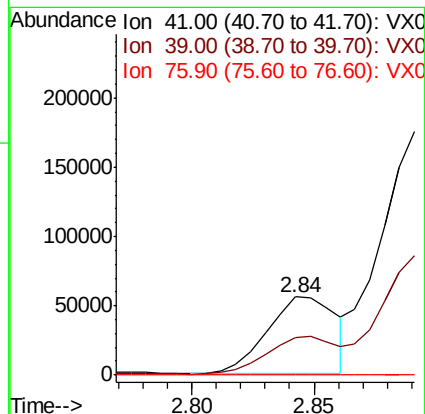
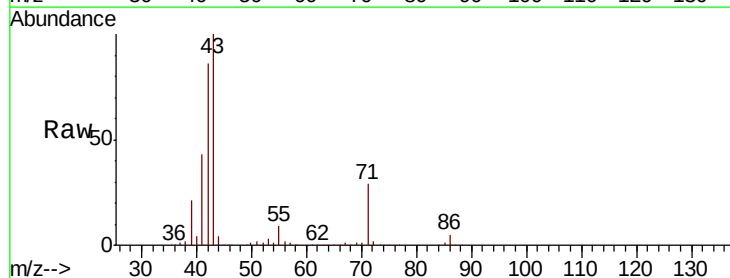
Tgt Ion: 41 Resp: 108174

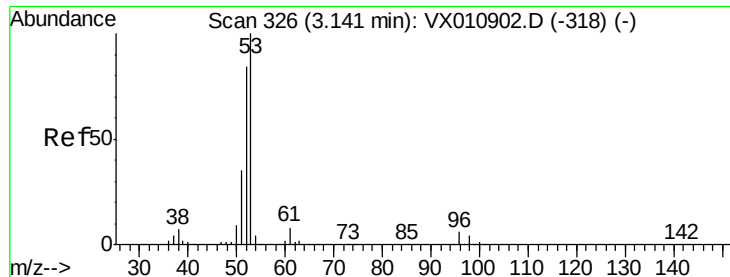
Ion Ratio Lower Upper

41 100

39 48.9 53.6 80.4#

76 0.0 29.7 44.5#





#15

Acrylonitrile

Concen: 27.171 ug/l

RT: 3.18 min Scan# 332

Delta R.T. 0.04 min

Lab File: VX010970.D

Acq: 18 Jul 2019 19:39

Instrument :

MSVOA_X

ClientSampled :

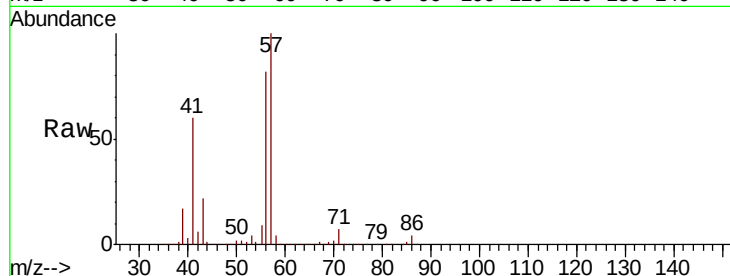
Tot Ion: 53 Resp: 32969

Ion Ratio Lower Upper

53 100

52 21.4 66.5 99.7#

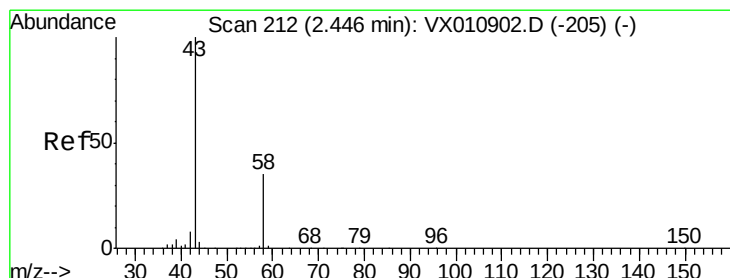
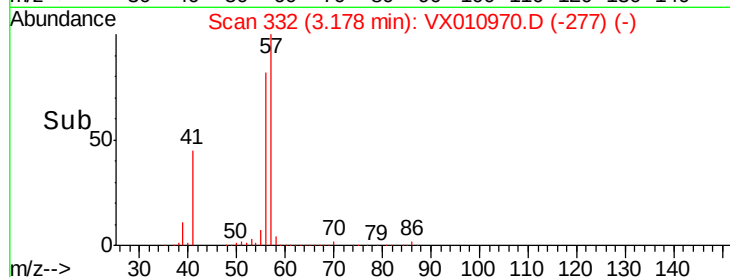
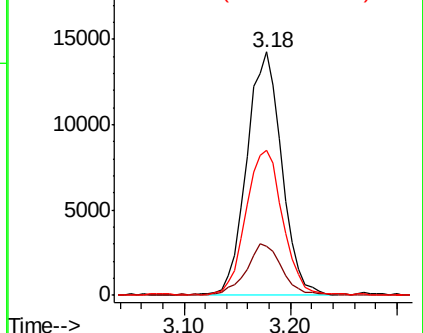
51 62.9 28.2 42.4#



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: 117.579 ug/l

RT: 2.40 min Scan# 204

Delta R.T. -0.05 min

Lab File: VX010970.D

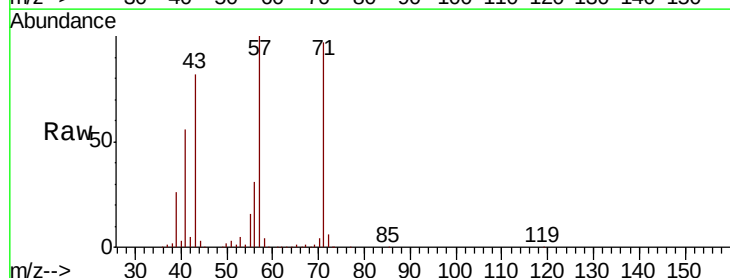
Acq: 18 Jul 2019 19:39

Tgt Ion: 43 Resp: 136922

Ion Ratio Lower Upper

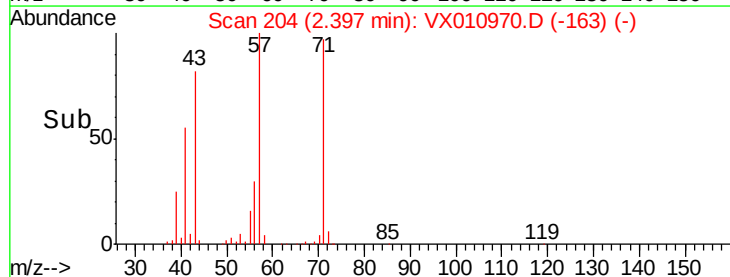
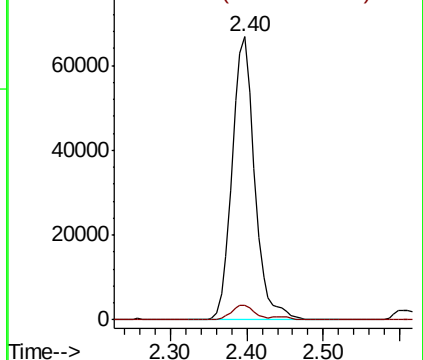
43 100

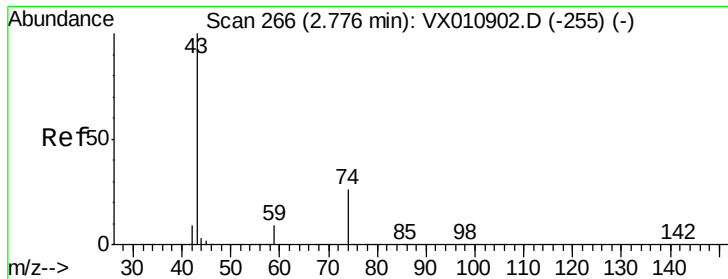
58 5.3 27.7 41.5#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#18

Methyl Acetate

Concen: 102.520 ug/l

RT: 2.85 min Scan# 278

Delta R.T. 0.07 min

Lab File: VX010970.D

Acq: 18 Jul 2019 19:39

Instrument :

MSVOA_X

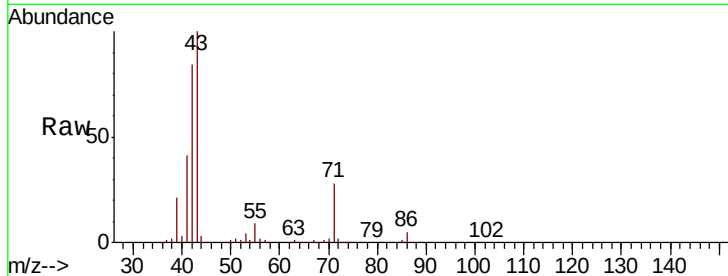
ClientSampleId :

Tot Ion: 43 Resp: 271843

Ion Ratio Lower Upper

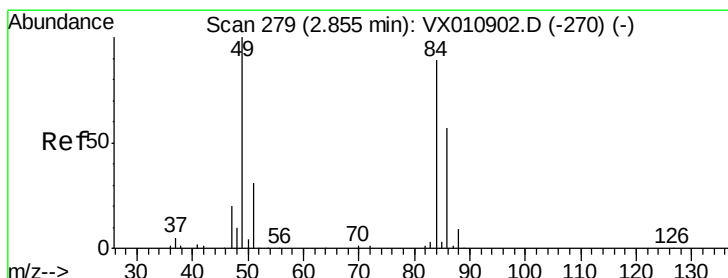
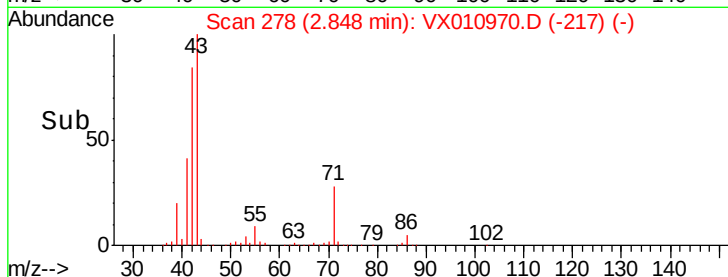
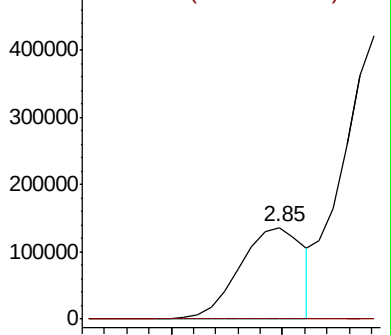
43 100

74 0.0 21.5 32.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



#20

Methylene Chloride

Concen: 0.345 ug/l

RT: 2.85 min Scan# 279

Delta R.T. -0.00 min

Lab File: VX010970.D

Acq: 18 Jul 2019 19:39

Tgt Ion: 84 Resp: 852

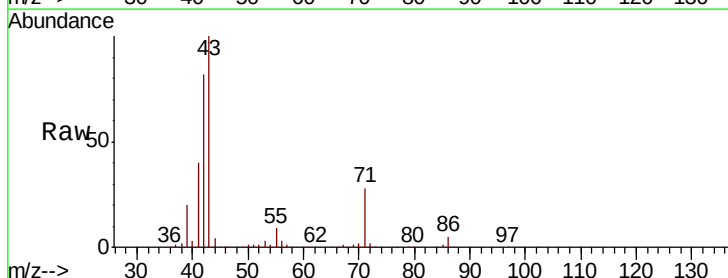
Ion Ratio Lower Upper

84 100

49 75.4 89.9 134.9#

51 435.0 27.8 41.6#

86 1738.5 51.8 77.6#

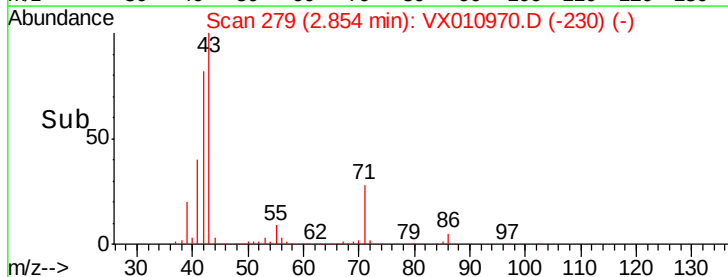
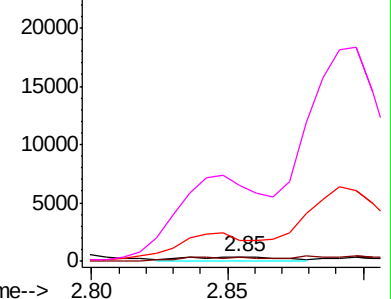


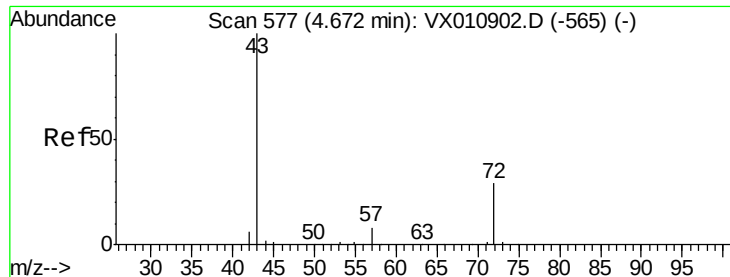
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#25

2-Butanone

Concen: 3.546 ug/l

RT: 4.56 min Scan# 559

Delta R.T. -0.11 min

Lab File: VX010970.D

Acq: 18 Jul 2019 19:39

Instrument :

MSVOA_X

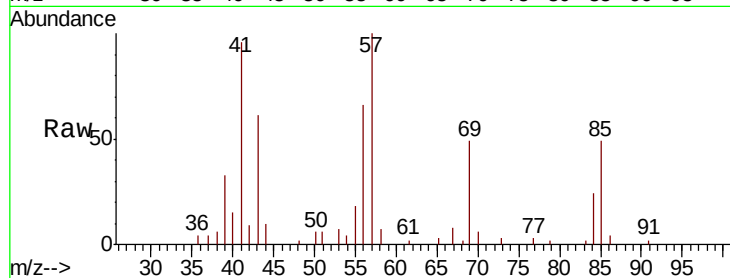
ClientSampled :

Tot Ion: 43 Resp: 5927

Ion Ratio Lower Upper

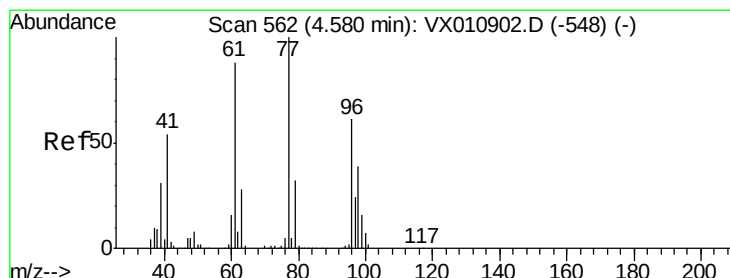
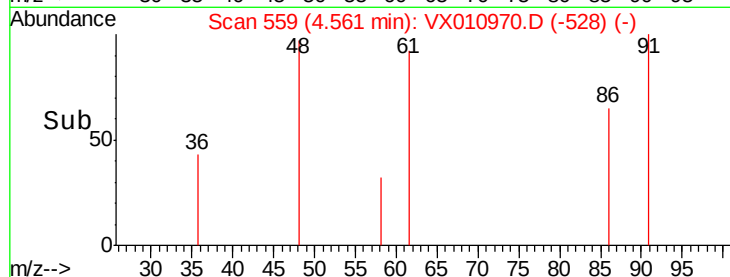
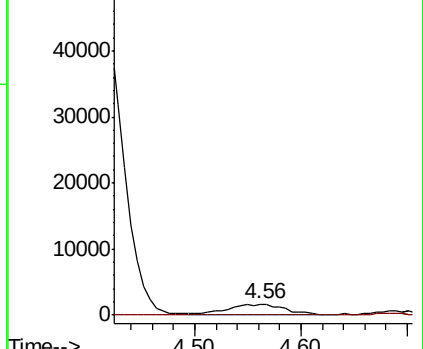
43 100

72 0.0 23.0 34.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 4.613 ug/l

RT: 4.41 min Scan# 534

Delta R.T. -0.17 min

Lab File: VX010970.D

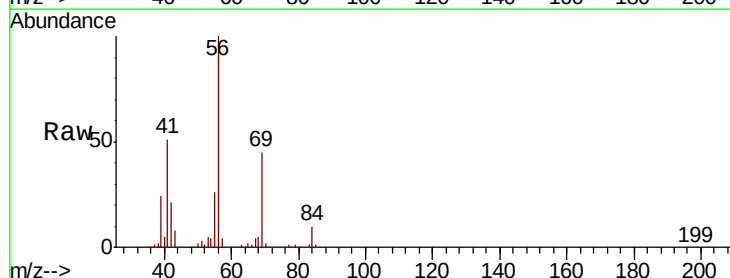
Acq: 18 Jul 2019 19:39

Tgt Ion: 77 Resp: 14548

Ion Ratio Lower Upper

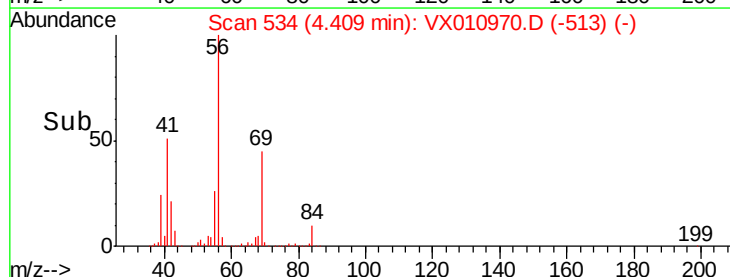
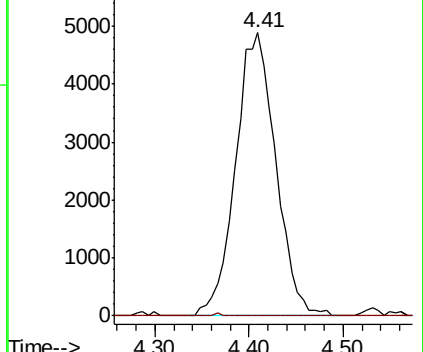
77 100

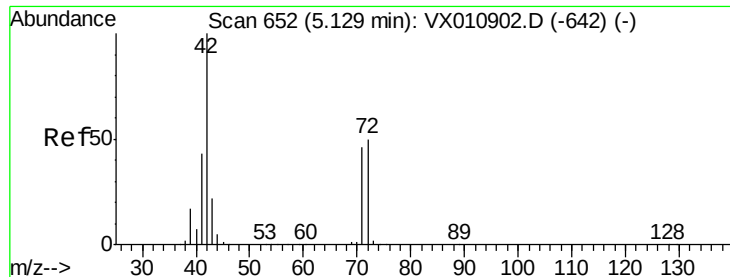
97 0.0 12.6 37.6#



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#29

Tetrahydrofuran

Concen: 0.246 ug/l

RT: 5.12 min Scan# 651

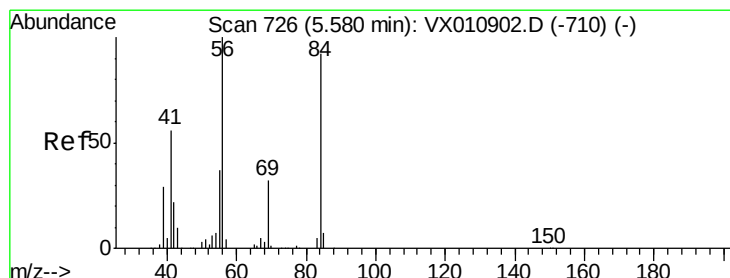
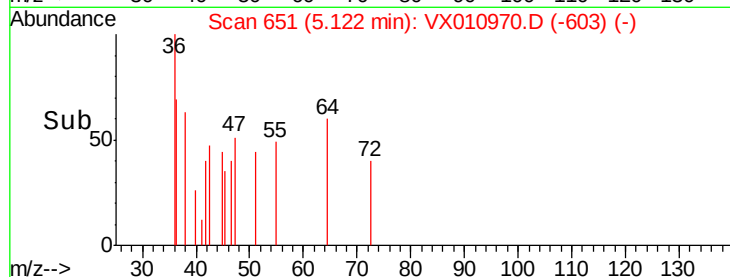
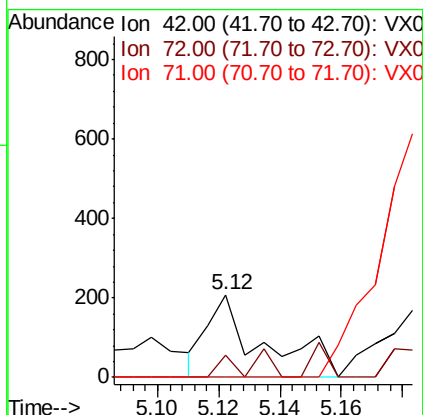
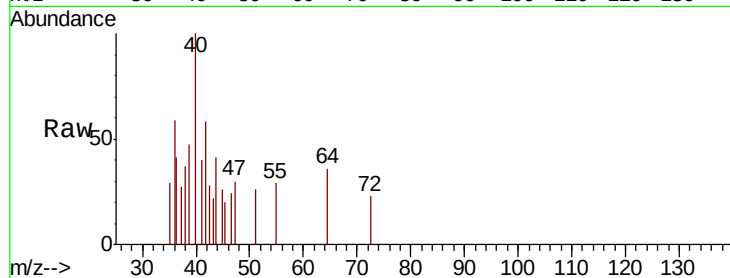
Delta R.T. -0.01 min

Lab File: VX010970.D

Acq: 18 Jul 2019 19:39

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	42.00	Resp:	261
Ion	Ratio	Lower	Upper
42	100		
72	0.0	39.8	59.8#
71	0.0	37.0	55.4#



#31

Cyclohexane

Concen: 279.495 ug/l

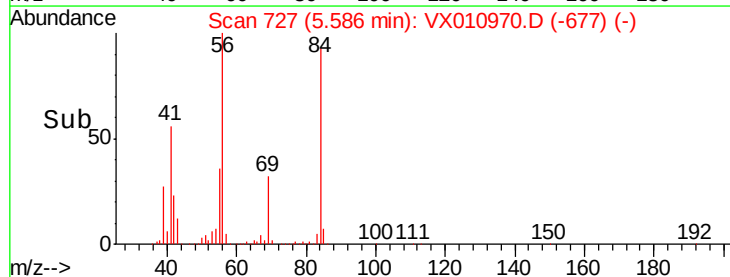
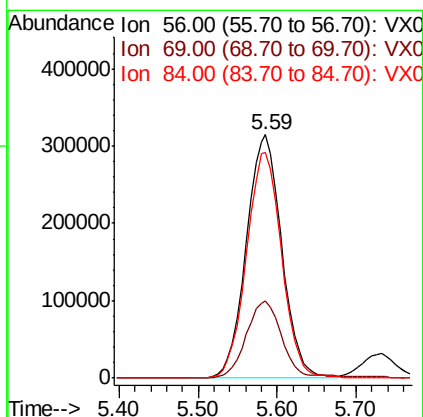
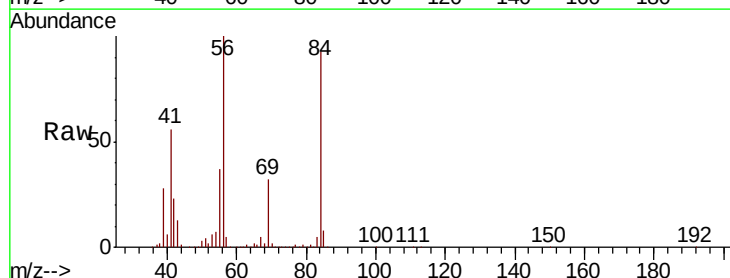
RT: 5.59 min Scan# 727

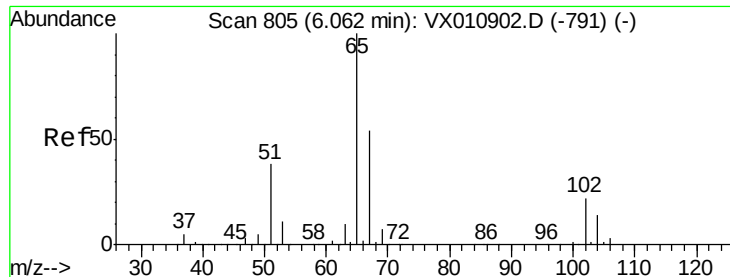
Delta R.T. 0.01 min

Lab File: VX010970.D

Acq: 18 Jul 2019 19:39

Tgt Ion:	56.00	Resp:	978458
Ion	Ratio	Lower	Upper
56	100		
69	31.4	25.8	38.8
84	93.0	73.8	110.6

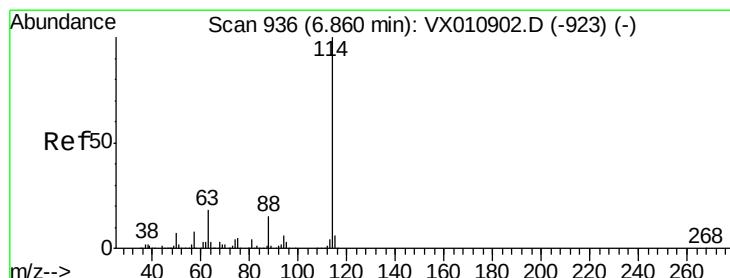
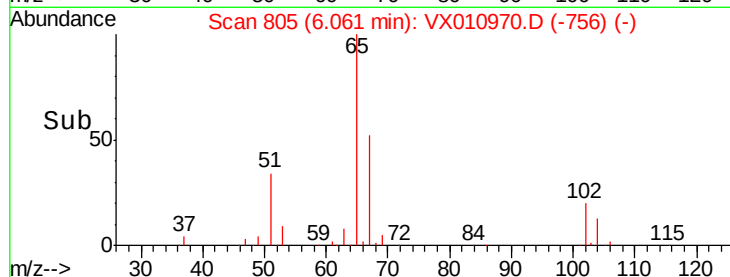
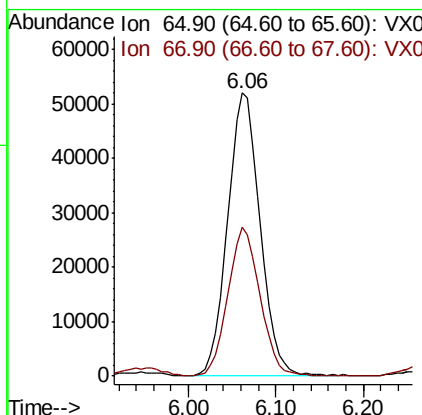
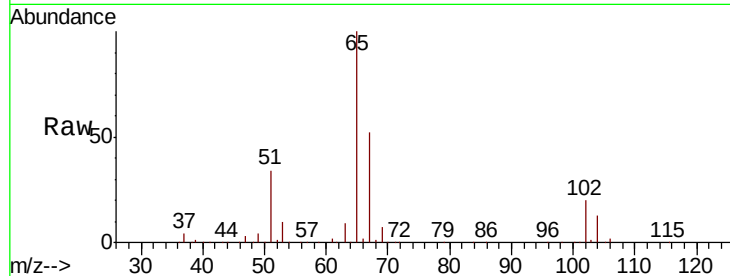




#33
 1,2-Dichloroethane-d4
 Concen: 51.863 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX010970.D
 Acq: 18 Jul 2019 19:39

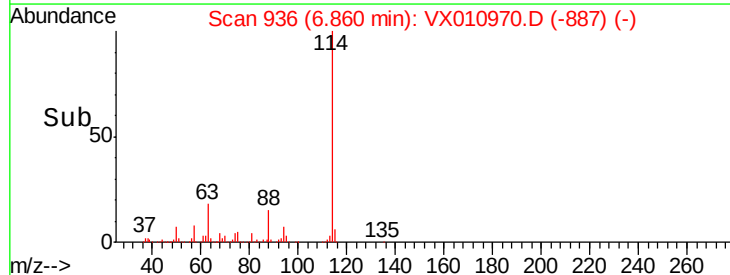
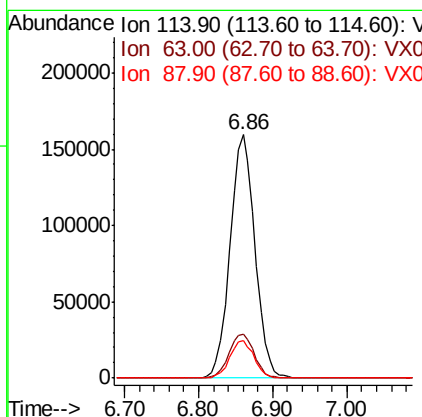
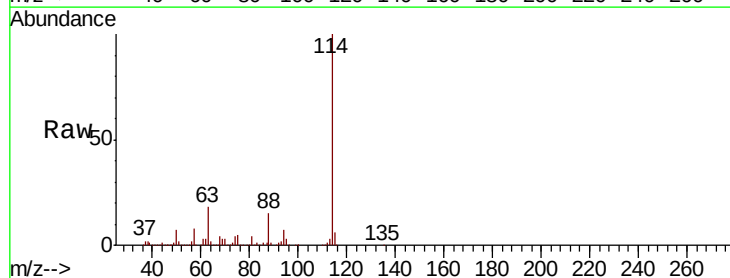
Instrument :
 MSVOA_X
 ClientSampleId :

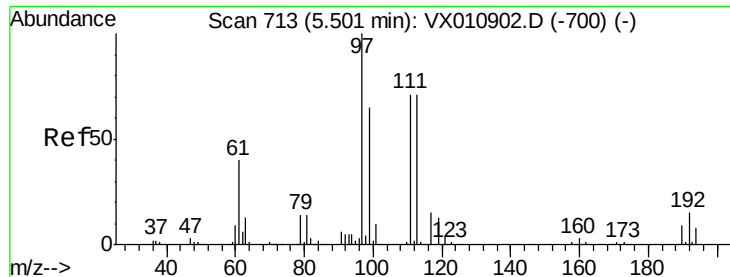
Tot Ion: 65 Resp: 133720
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX010970.D
 Acq: 18 Jul 2019 19:39

Tgt Ion: 114 Resp: 372998
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 35.6
 88 15.4 0.0 29.8





#35

Dibromofluoromethane

Concen: 49.531 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010970.D

Acq: 18 Jul 2019 19:39

Instrument :

MSVOA_X

ClientSampleId :

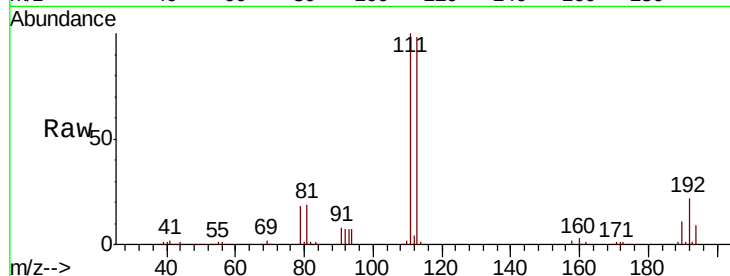
Tot Ion:113 Resp: 117265

Ion Ratio Lower Upper

113 100

111 101.7 82.3 123.5

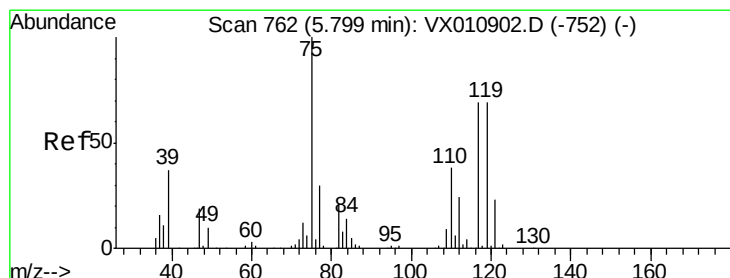
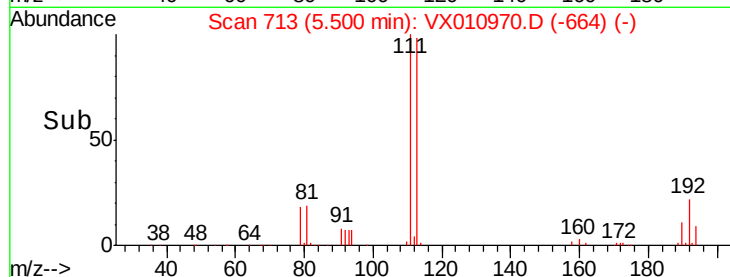
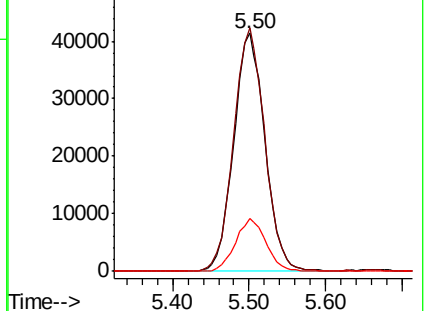
192 21.8 17.4 26.2



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: 5.258 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.15 min

Lab File: VX010970.D

Acq: 18 Jul 2019 19:39

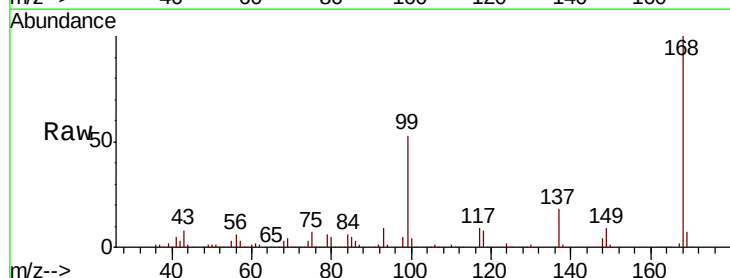
Tgt Ion: 75 Resp: 16111

Ion Ratio Lower Upper

75 100

110 5.1 19.9 59.7#

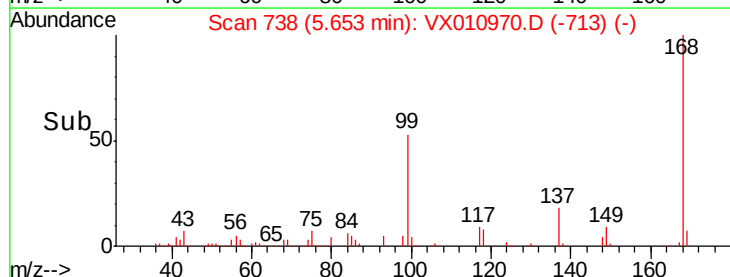
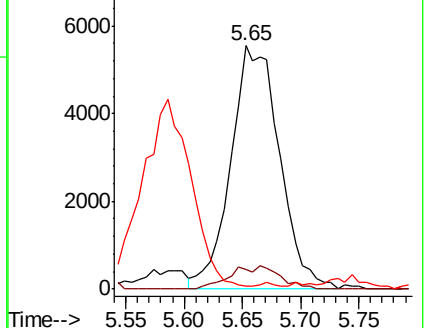
77 0.0 25.0 37.4#

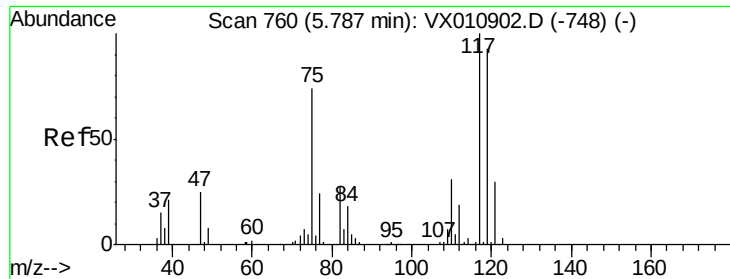


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.962 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX010970.D

Acq: 18 Jul 2019 19:39

Instrument :

MSVOA_X

ClientSampled :

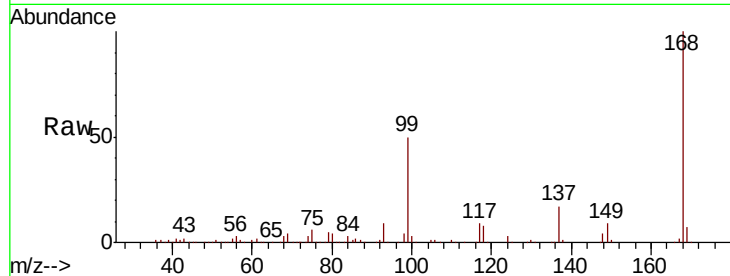
Tot Ion:117 Resp: 22226

Ion Ratio Lower Upper

117 100

119 3.8 74.2 111.2#

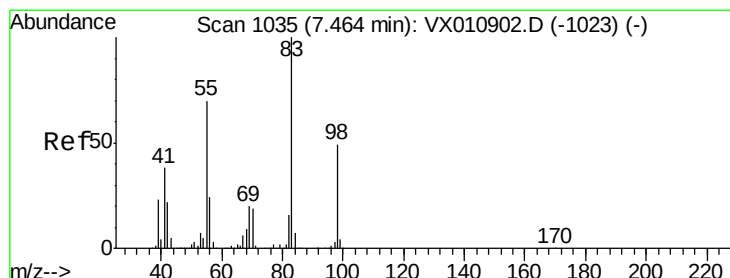
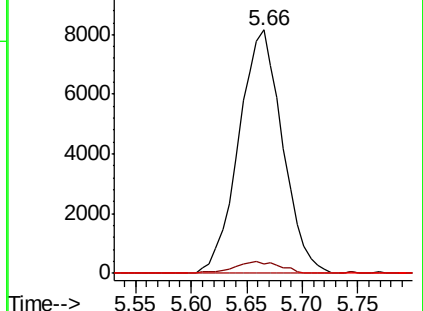
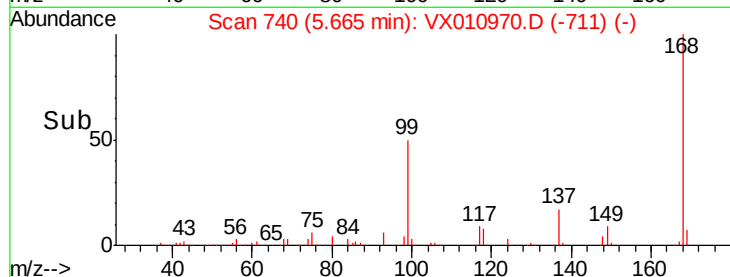
121 0.0 24.2 36.2#



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: 159.776 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. -0.00 min

Lab File: VX010970.D

Acq: 18 Jul 2019 19:39

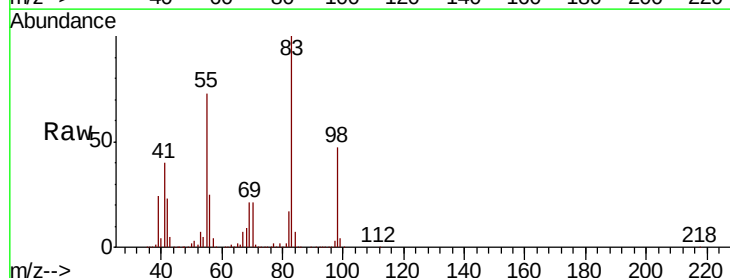
Tgt Ion: 83 Resp: 634823

Ion Ratio Lower Upper

83 100

55 73.2 56.2 84.4

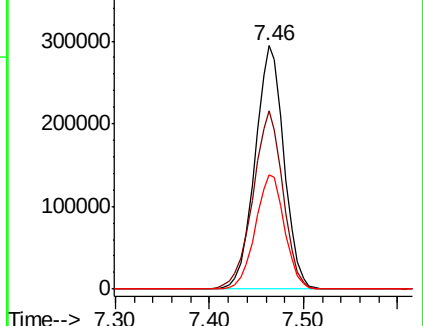
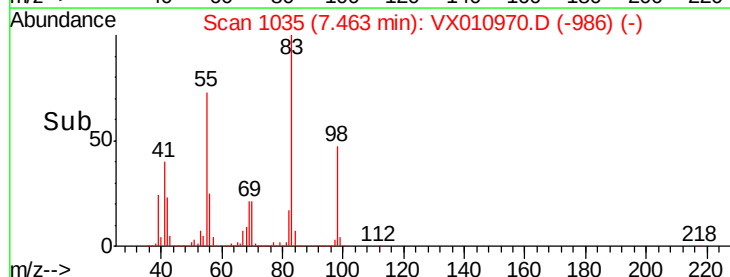
98 46.7 39.0 58.4

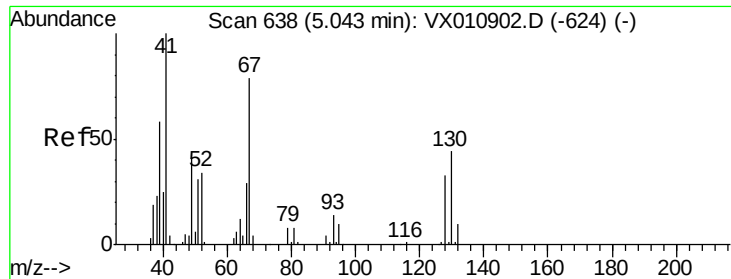


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

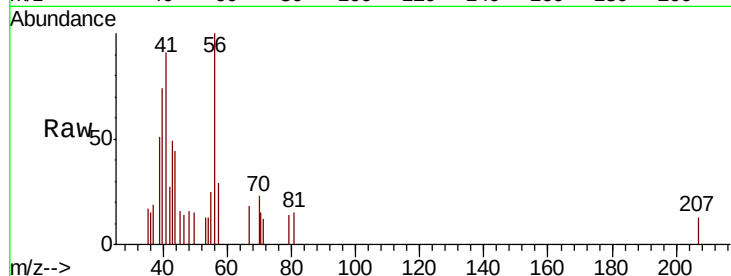




#41
Methacrylonitrile
Concen: 0.441 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.02 min
Lab File: VX010970.D
Acq: 18 Jul 2019 19:39

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	45.4	68.2#
67	0.0	65.9	98.9#
52	2.9	26.2	39.2#



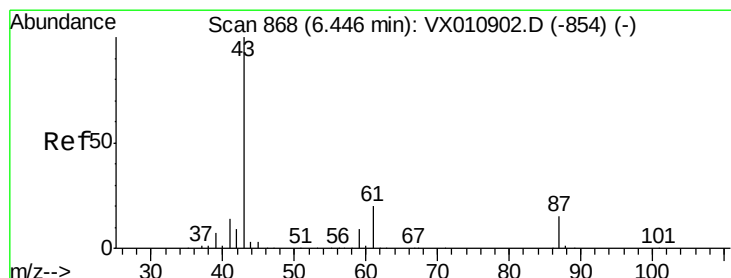
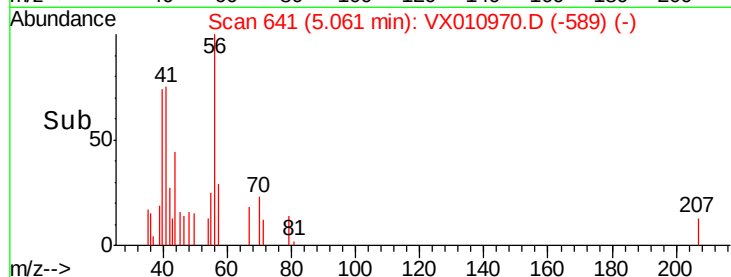
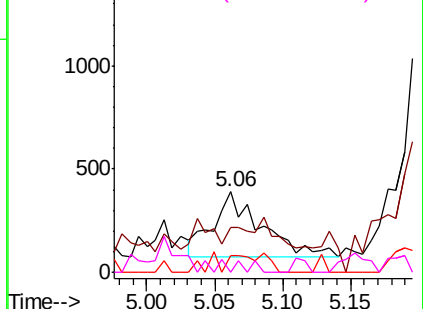
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

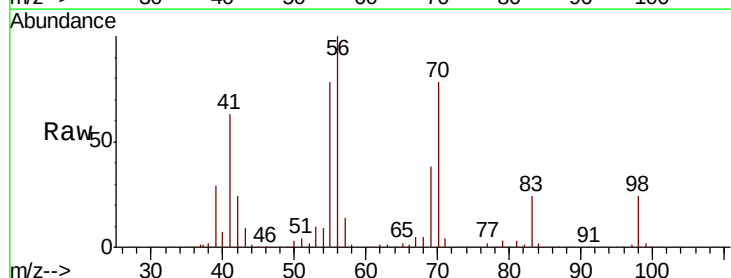
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#43
Isopropyl Acetate
Concen: 2.077 ug/l
RT: 6.46 min Scan# 870
Delta R.T. 0.01 min
Lab File: VX010970.D
Acq: 18 Jul 2019 19:39

Tgt Ion	Ratio	Lower	Upper
43	100		
61	2.6	17.1	25.7#
87	0.4	12.0	18.0#

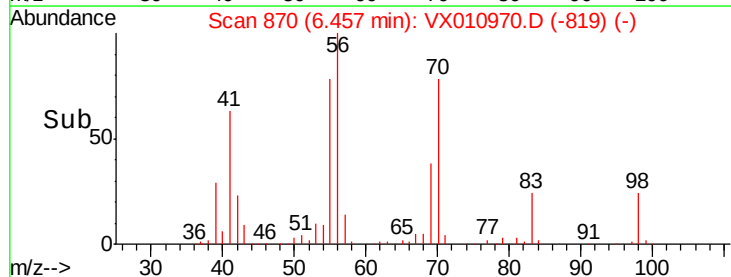
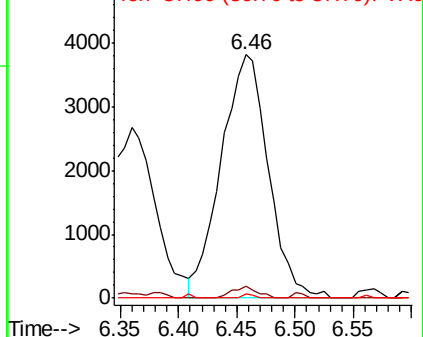


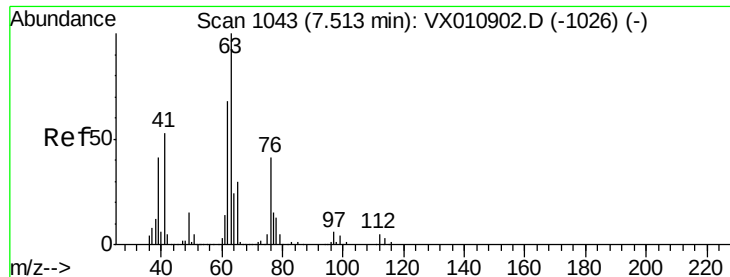
Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

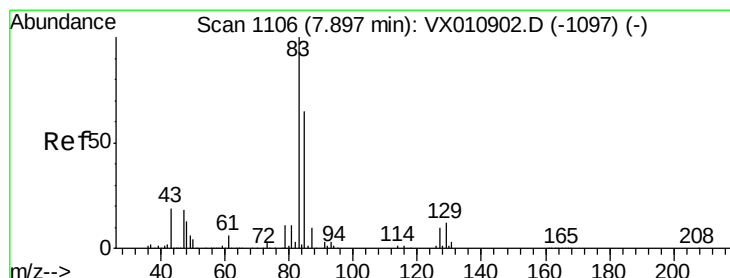
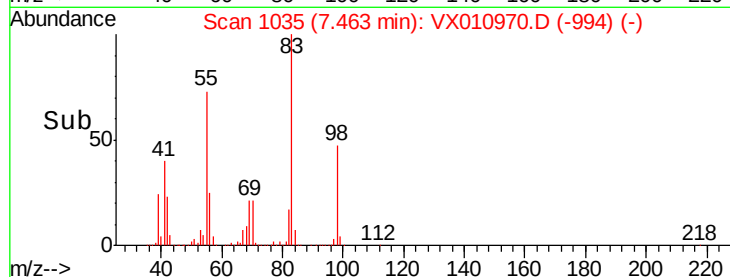
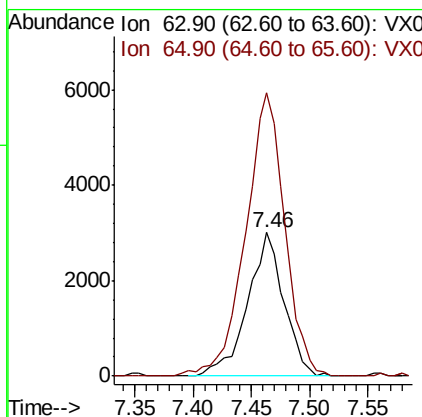
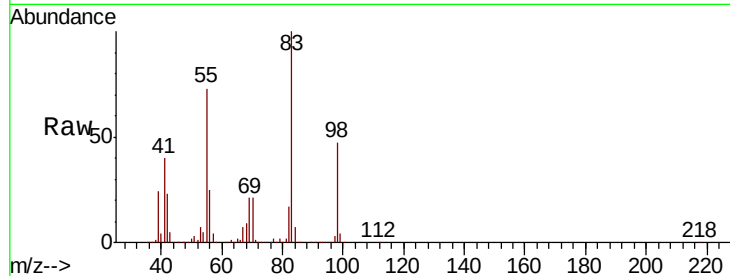




#45
 1,2-Dichloropropane
 Concen: 2.724 ug/l
 RT: 7.46 min Scan# 1035
 Delta R.T. -0.05 min
 Lab File: VX010970.D
 Acq: 18 Jul 2019 19:39

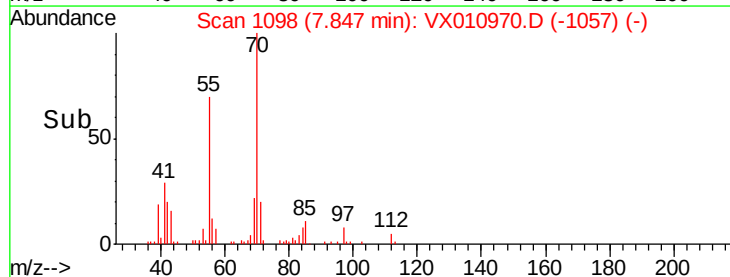
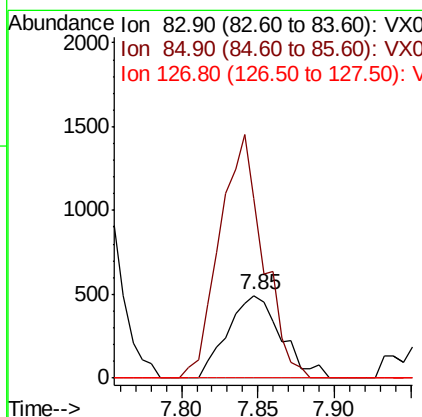
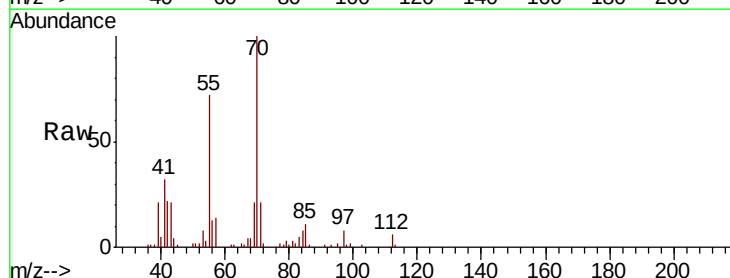
Instrument :
 MSVOA_X
 ClientSampled :

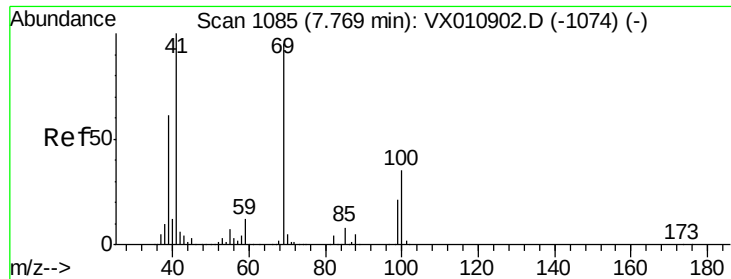
Tot Ion: 63 Resp: 6506
 Ion Ratio Lower Upper
 63 100
 65 197.4 24.4 36.6#



#47
 Bromodichloromethane
 Concen: 0.395 ug/l
 RT: 7.85 min Scan# 1098
 Delta R.T. -0.05 min
 Lab File: VX010970.D
 Acq: 18 Jul 2019 19:39

Tgt Ion: 83 Resp: 1200
 Ion Ratio Lower Upper
 83 100
 85 217.0 52.5 78.7#
 127 0.0 7.8 11.8#

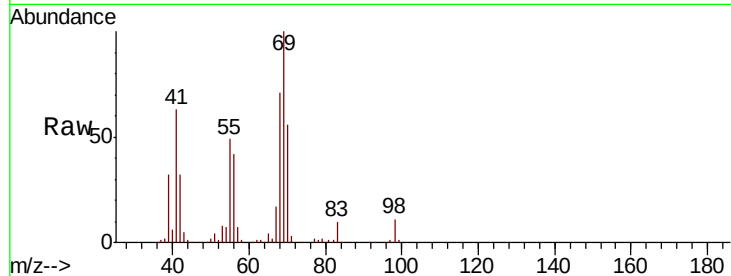




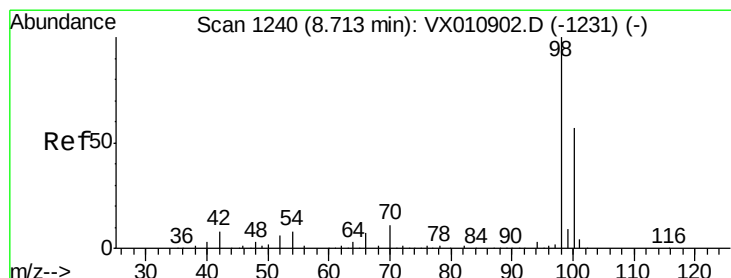
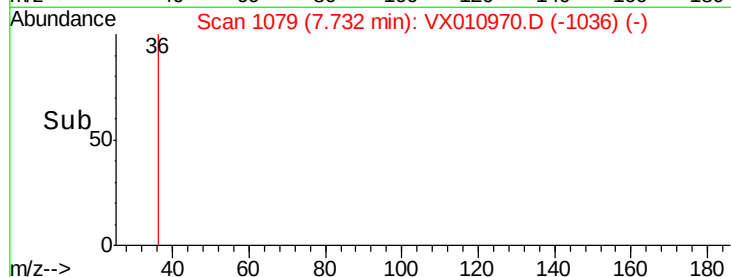
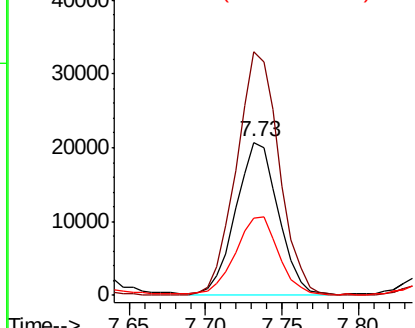
#48
Methyl methacrylate
Concen: 15.733 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. -0.04 min
Lab File: VX010970.D
Acq: 18 Jul 2019 19:39

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 41 Resp: 39538
Ion Ratio Lower Upper
41 100
69 162.3 74.4 111.6#
39 53.1 48.9 73.3

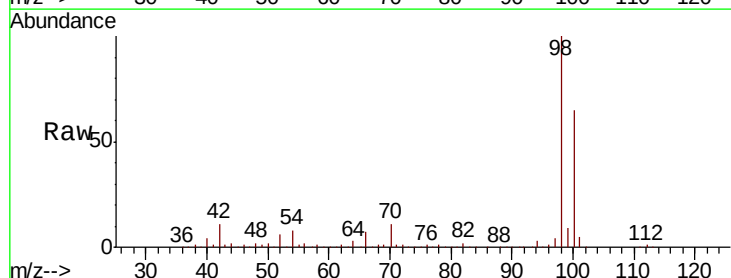


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

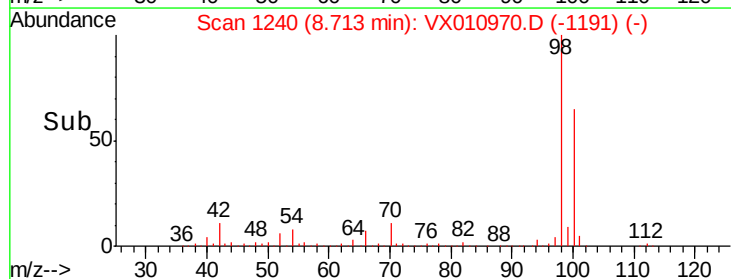
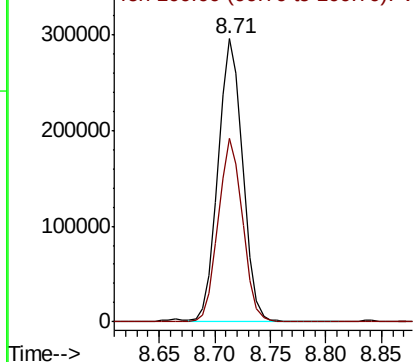


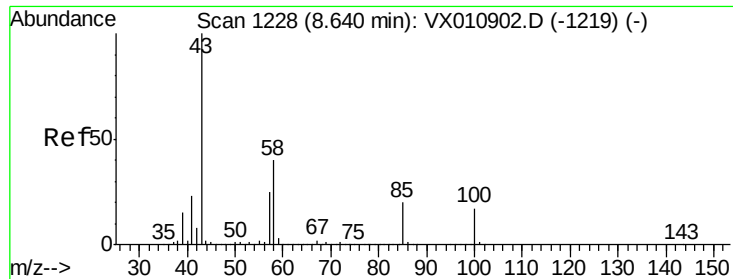
#50
Toluene-d8
Concen: 50.835 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX010970.D
Acq: 18 Jul 2019 19:39

Tgt Ion: 98 Resp: 451395
Ion Ratio Lower Upper
98 100
100 64.5 50.6 75.8



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

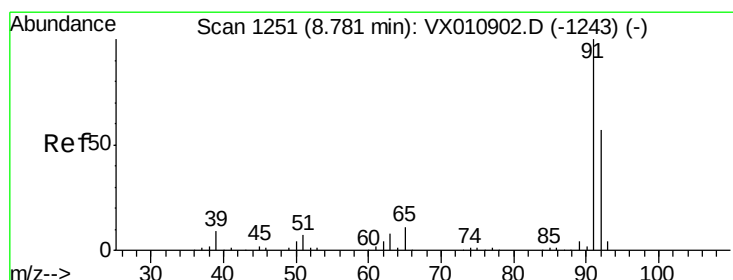
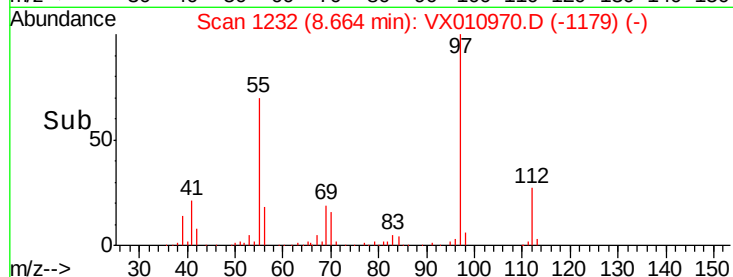
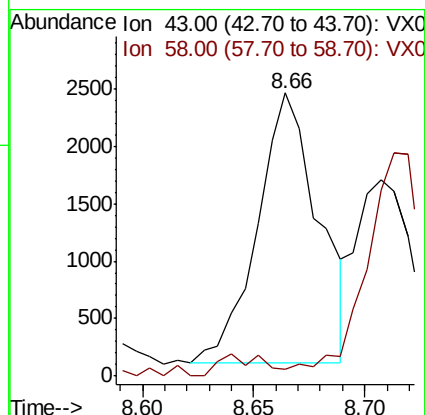
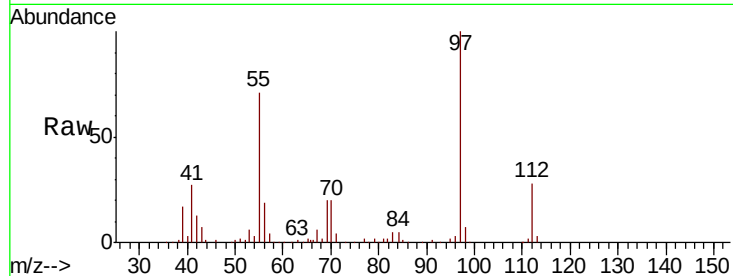




#51
4-Methyl-2-Pentanone
Concen: 1.333 ug/l
RT: 8.66 min Scan# 1232
Delta R.T. 0.02 min
Lab File: VX010970.D
Acq: 18 Jul 2019 19:39

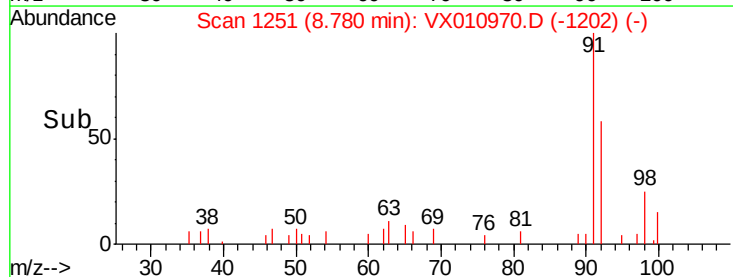
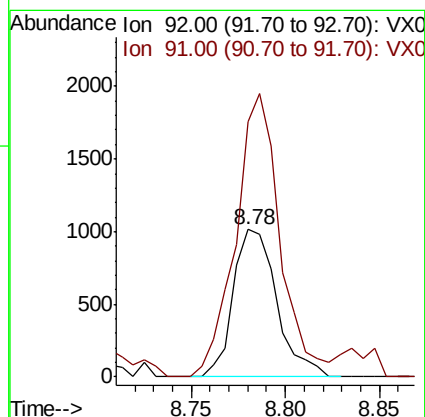
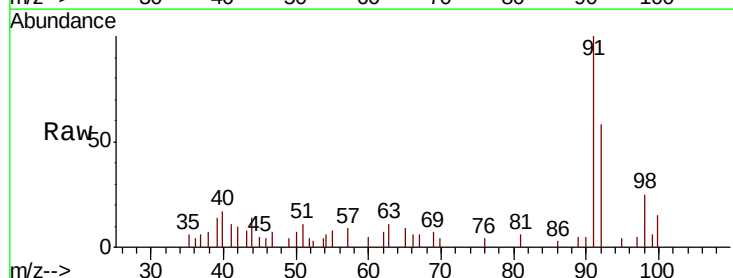
Instrument :
MSVOA_X
ClientSampled :

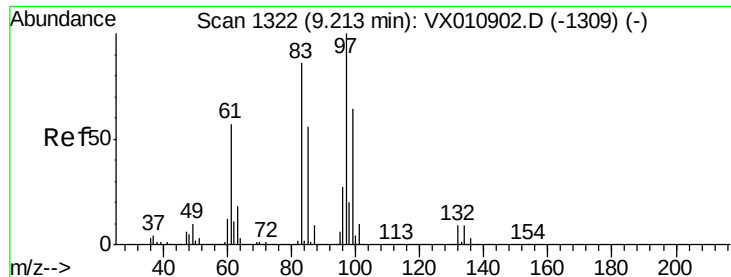
Tot Ion: 43 Resp: 4458
Ion Ratio Lower Upper
43 100
58 0.0 32.2 48.4#



#52
Toluene
Concen: 0.264 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.00 min
Lab File: VX010970.D
Acq: 18 Jul 2019 19:39

Tgt Ion: 92 Resp: 1625
Ion Ratio Lower Upper
92 100
91 195.6 139.4 209.0

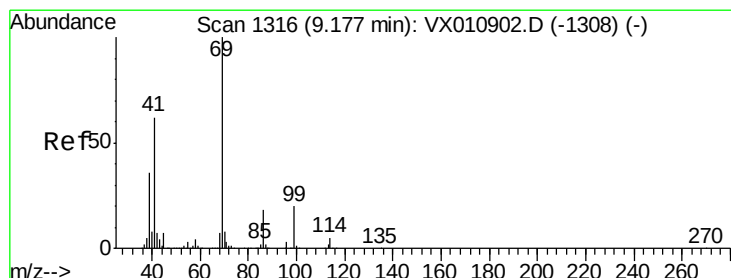
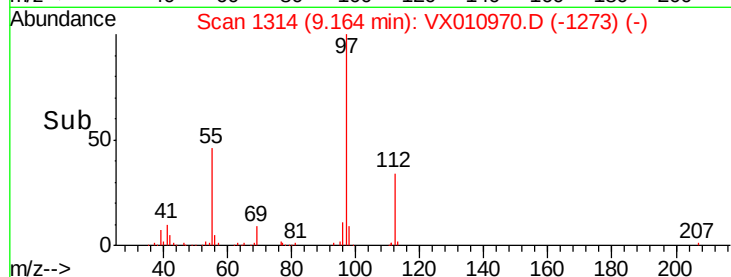
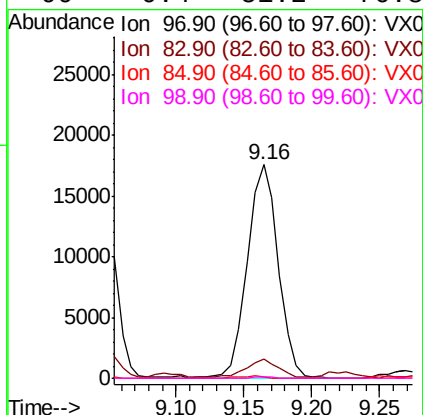
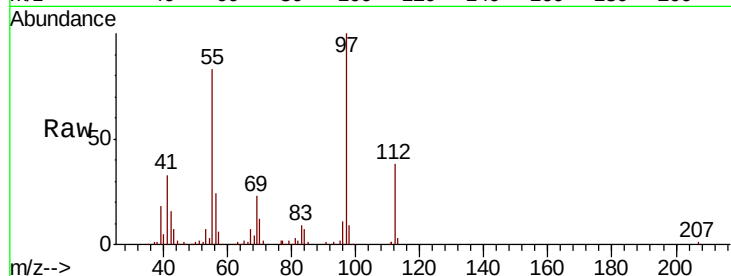




#55
 1,1,2-Trichloroethane
 Concen: 11.029 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.05 min
 Lab File: VX010970.D
 Acq: 18 Jul 2019 19:39

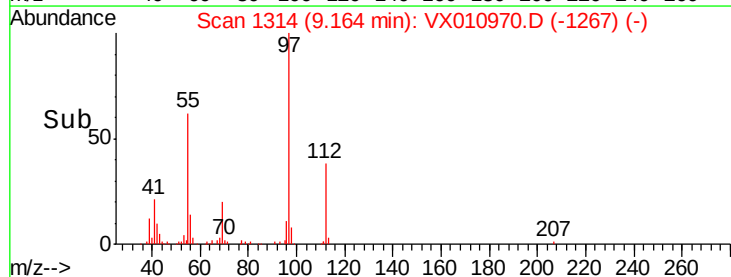
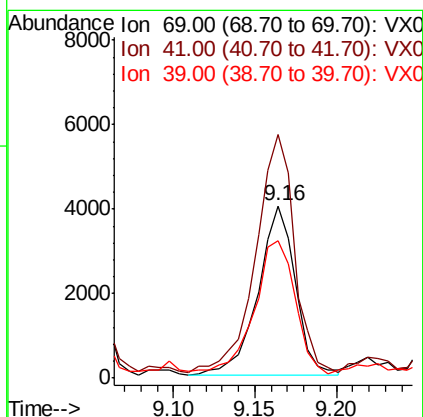
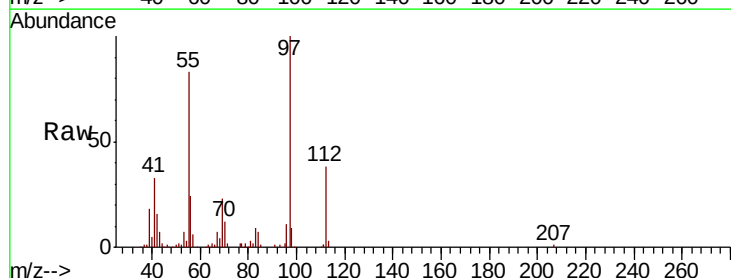
Instrument :
 MSVOA_X
 ClientSampleId :

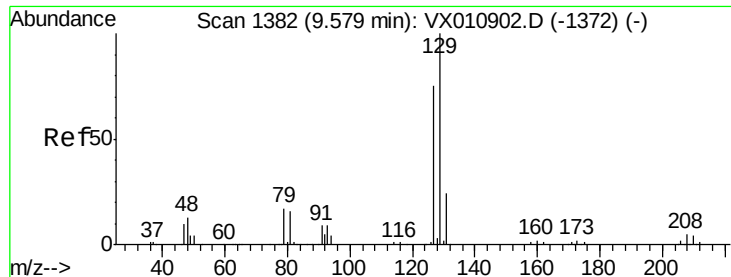
Tot Ion	97	Resp	27997
Ion	Ratio	Lower	Upper
97	100		
83	8.5	69.2	103.8#
85	0.8	44.6	66.8#
99	0.4	51.2	76.8#



#56
 Ethyl methacrylate
 Concen: 1.718 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: VX010970.D
 Acq: 18 Jul 2019 19:39

Tgt Ion	69	Resp	6380
Ion	Ratio	Lower	Upper
69	100		
41	143.7	49.7	74.5#
39	86.5	29.6	44.4#

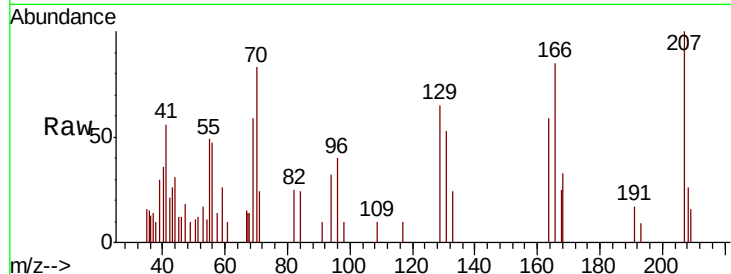




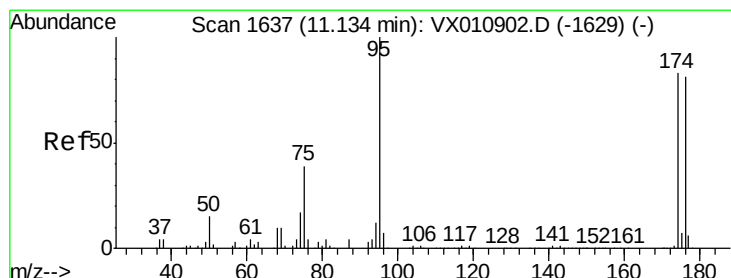
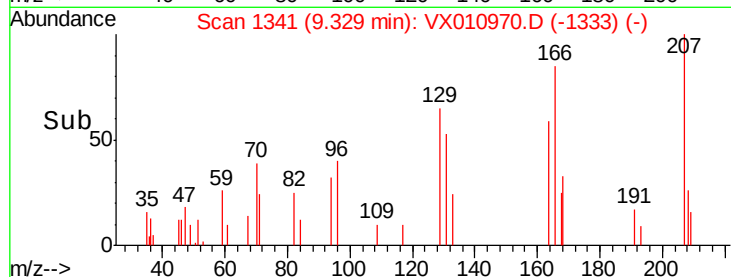
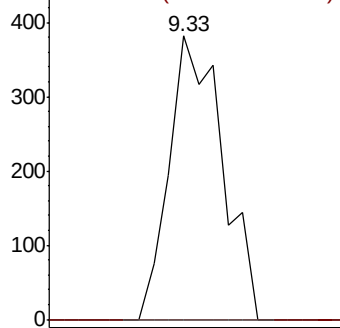
#60
Dibromochloromethane
Concen: 2.716 ug/l
RT: 9.33 min Scan# 1341
Delta R.T. -0.25 min
Lab File: VX010970.D
Acq: 18 Jul 2019 19:39

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:129 Resp: 579
Ion Ratio Lower Upper
129 100
127 0.0 38.6 115.8#

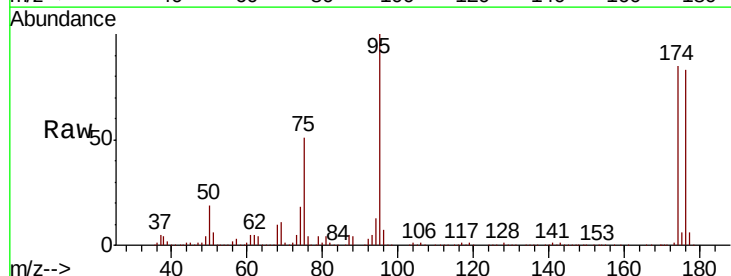


Abundance Ion 128.80 (128.50 to 129.50): V
Ion 126.80 (126.50 to 127.50): V

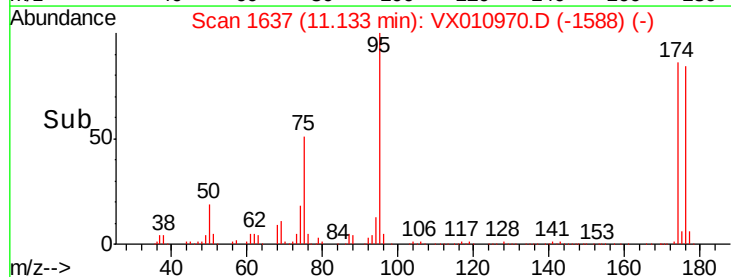
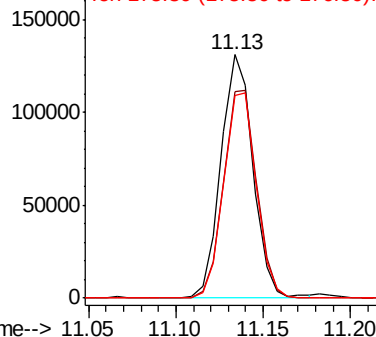


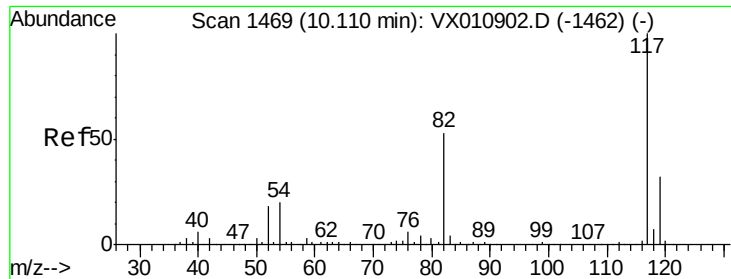
#62
4-Bromofluorobenzene
Concen: 50.999 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX010970.D
Acq: 18 Jul 2019 19:39

Tgt Ion: 95 Resp: 166454
Ion Ratio Lower Upper
95 100
174 88.7 0.0 180.6
176 86.5 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

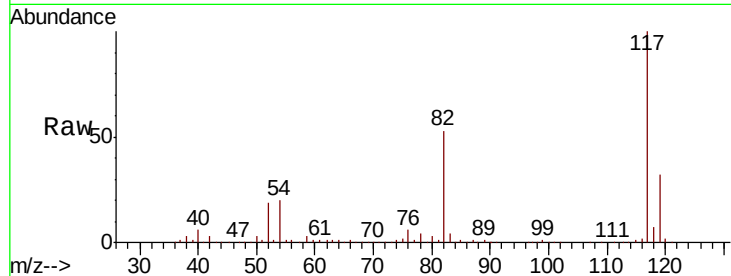




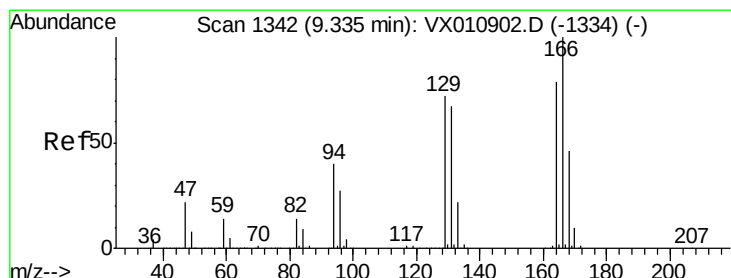
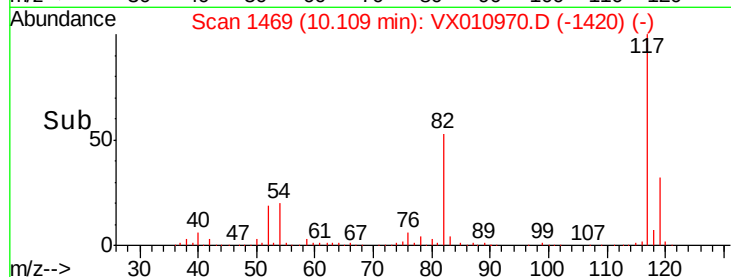
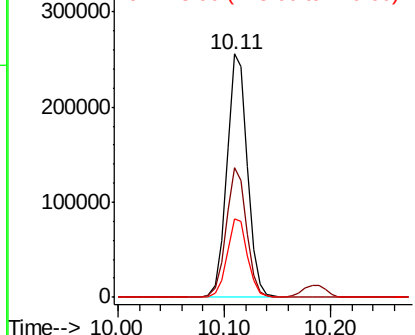
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010970.D
Acq: 18 Jul 2019 19:39

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 344380
Ion Ratio Lower Upper
117 100
82 53.1 42.6 63.8
119 32.1 25.9 38.9

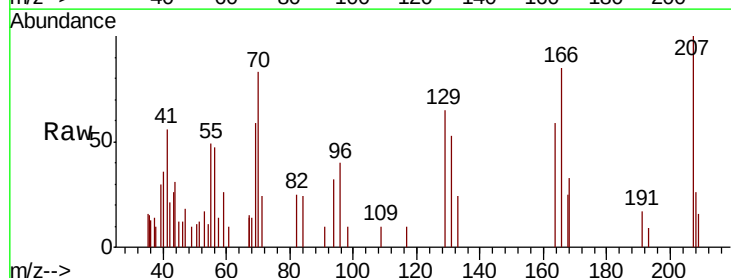


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

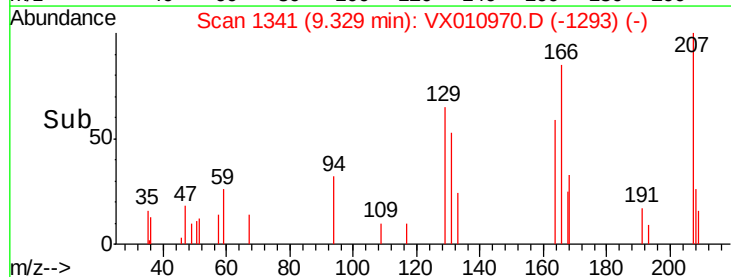
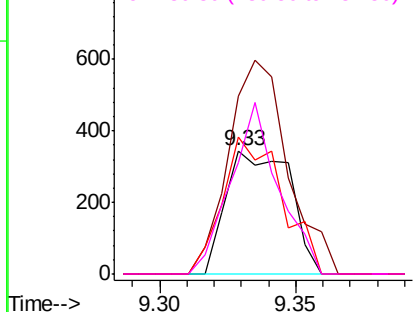


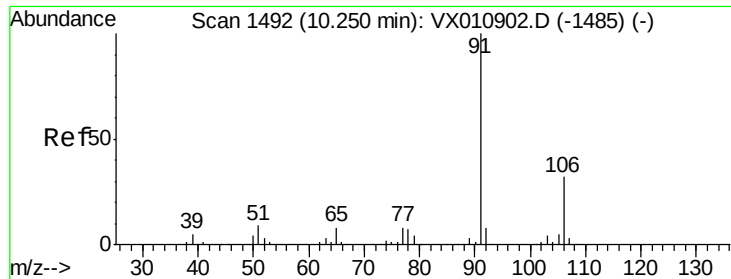
#64
Tetrachloroethene
Concen: 0.206 ug/l
RT: 9.33 min Scan# 1341
Delta R.T. -0.01 min
Lab File: VX010970.D
Acq: 18 Jul 2019 19:39

Tgt Ion:164 Resp: 559
Ion Ratio Lower Upper
164 100
166 144.5 100.8 151.2
129 111.0 72.6 109.0#
131 90.1 67.7 101.5



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#67

Ethyl Benzene

Concen: 120.257 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX010970.D

Acq: 18 Jul 2019 19:39

Instrument :

MSVOA_X

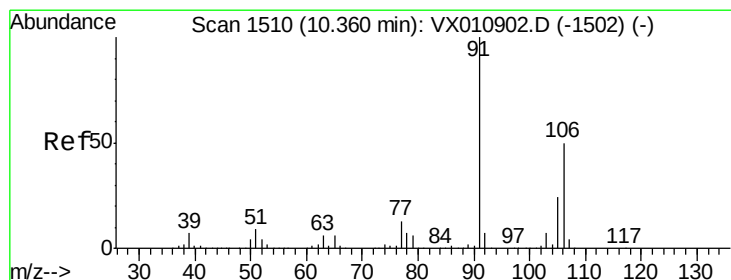
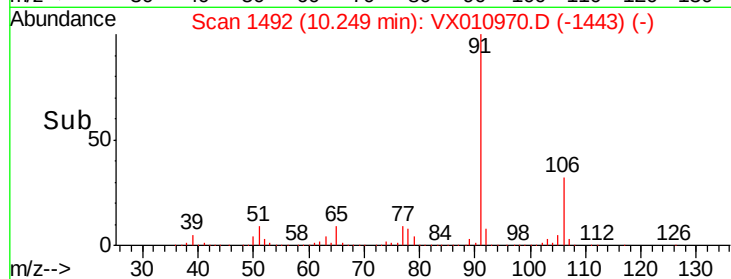
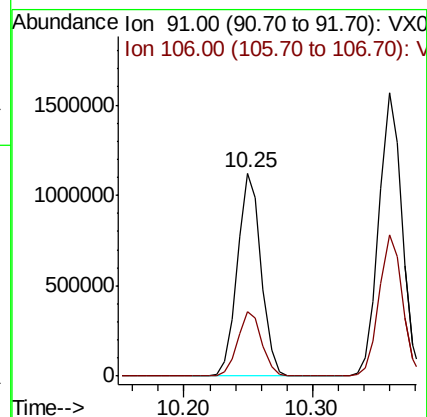
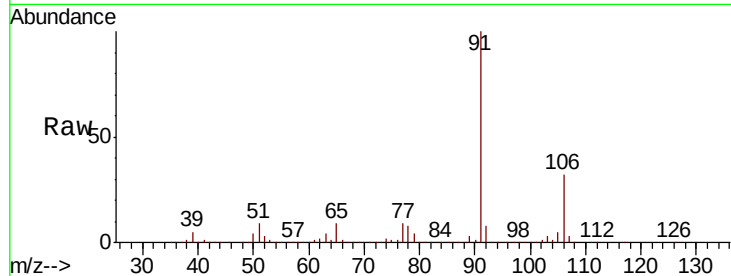
ClientSampleId :

Tot Ion: 91 Resp: 1447847

Ion Ratio Lower Upper

91 100

106 31.8 25.4 38.2



#68

m/p-Xylenes

Concen: 209.146 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX010970.D

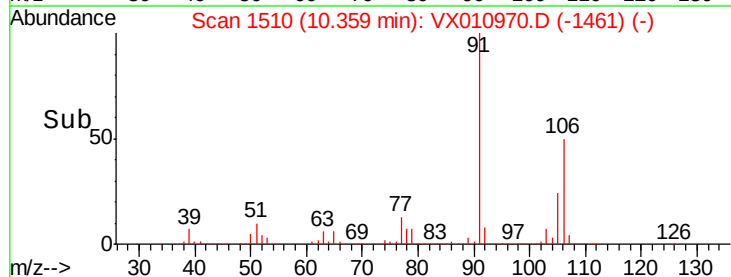
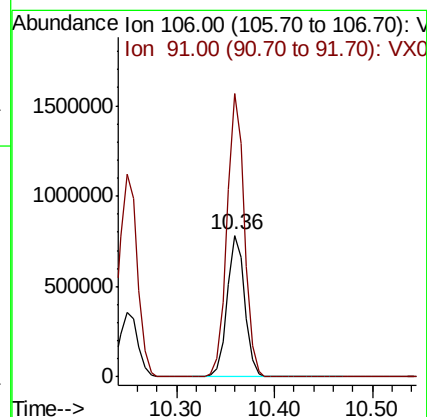
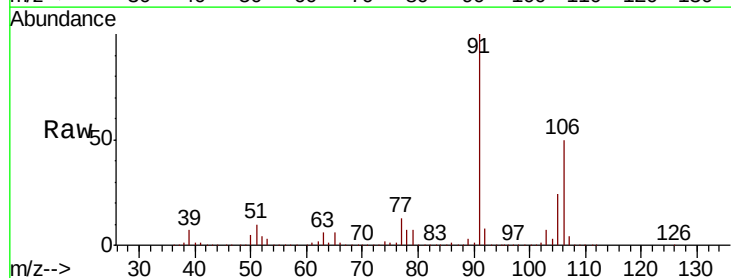
Acq: 18 Jul 2019 19:39

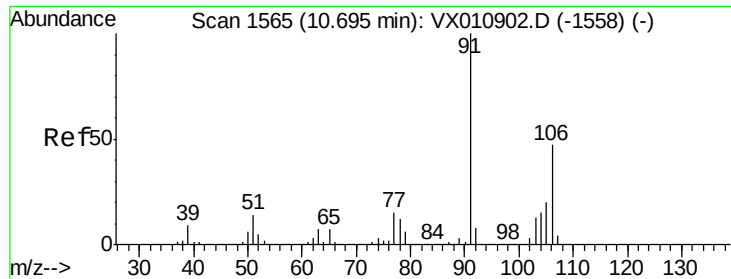
Tgt Ion: 106 Resp: 965897

Ion Ratio Lower Upper

106 100

91 198.7 160.1 240.1

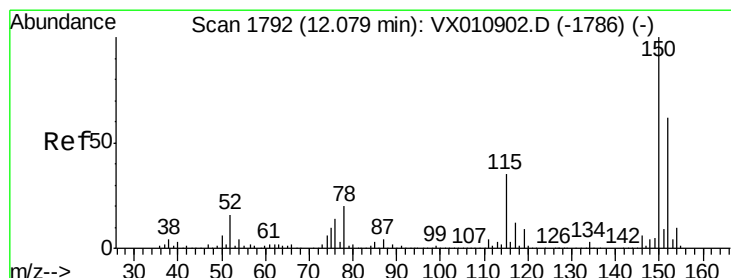
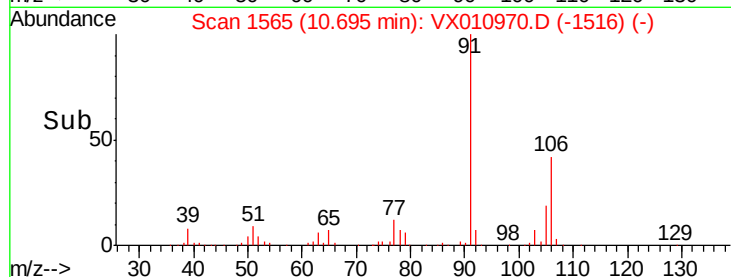
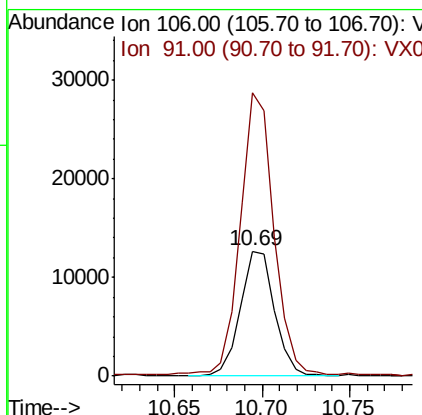
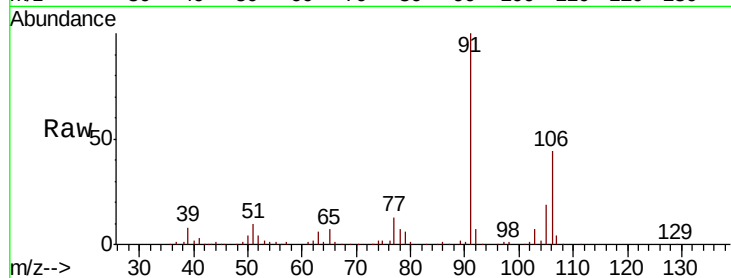




#69
o-Xylene
Concen: 3.842 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010970.D
Acq: 18 Jul 2019 19:39

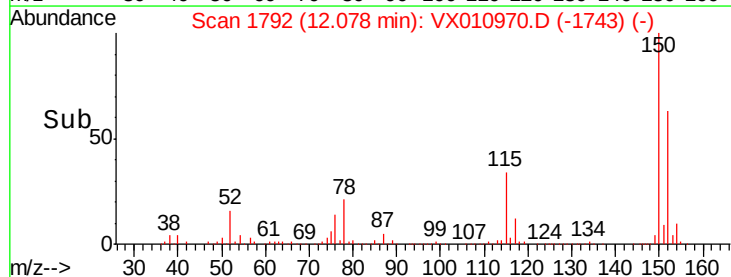
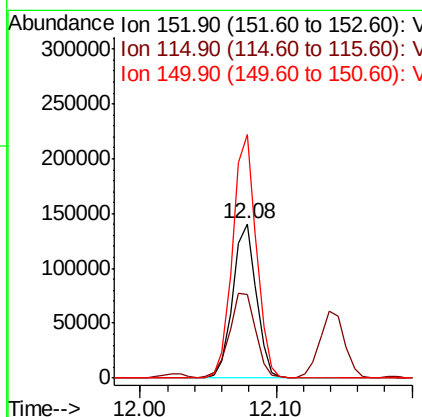
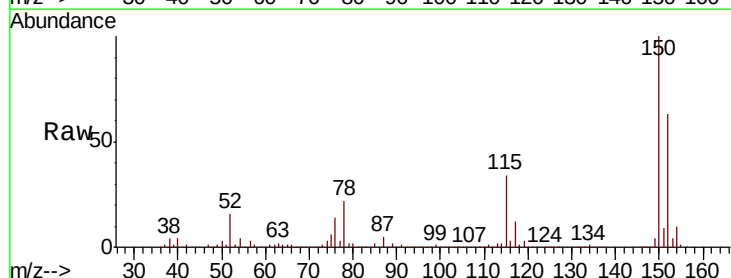
Instrument :
MSVOA_X
ClientSampleId :

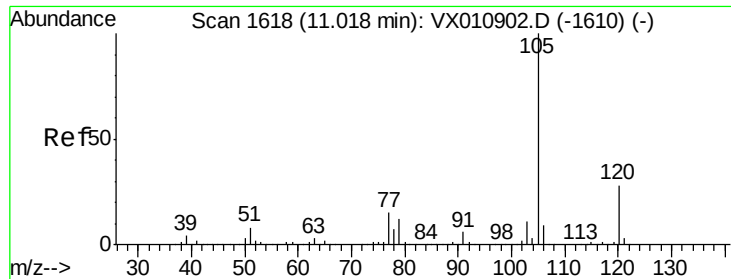
Tot Ion:106 Resp: 17315
Ion Ratio Lower Upper
106 100
91 219.0 105.1 315.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010970.D
Acq: 18 Jul 2019 19:39

Tgt Ion:152 Resp: 169449
Ion Ratio Lower Upper
152 100
115 60.1 39.7 119.1
150 158.2 0.0 345.6





#73

Isopropylbenzene

Concen: 15.688 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010970.D

Acq: 18 Jul 2019 19:39

Instrument :

MSVOA_X

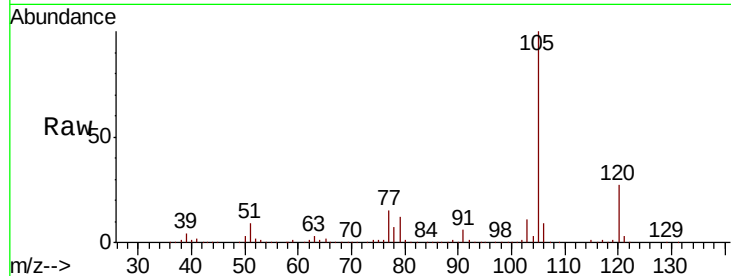
ClientSampleId :

Tot Ion:105 Resp: 179624

Ion Ratio Lower Upper

105 100

120 27.2 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

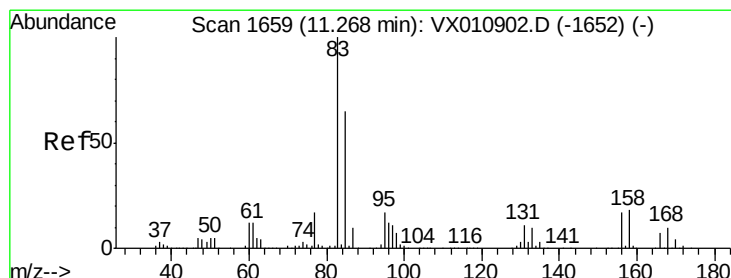
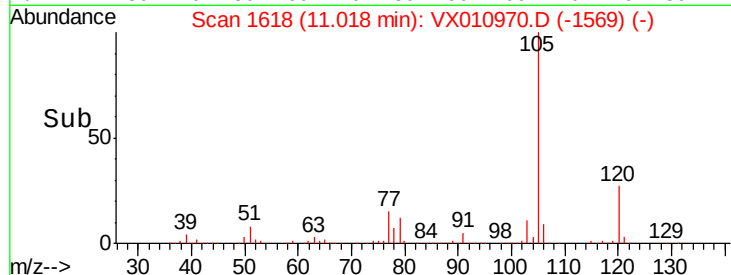
150000

100000

50000

0

Time--> 10.90 11.00 11.10



#75

1,1,2,2-Tetrachloroethane

Concen: 0.285 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX010970.D

Acq: 18 Jul 2019 19:39

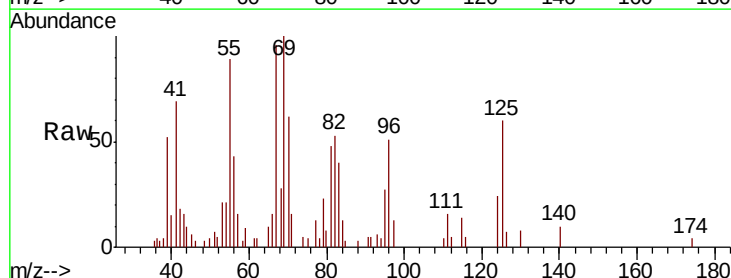
Tgt Ion: 83 Resp: 1067

Ion Ratio Lower Upper

83 100

131 9.3 5.5 16.4

85 17.1 32.3 96.9#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

1000

800

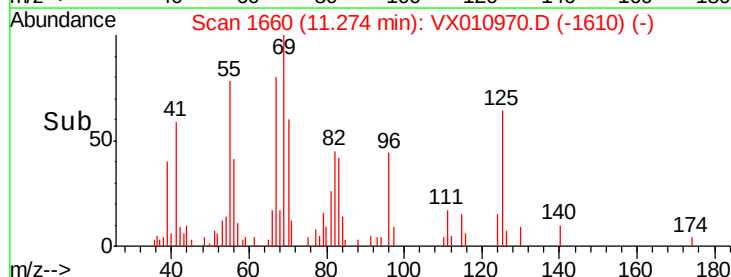
600

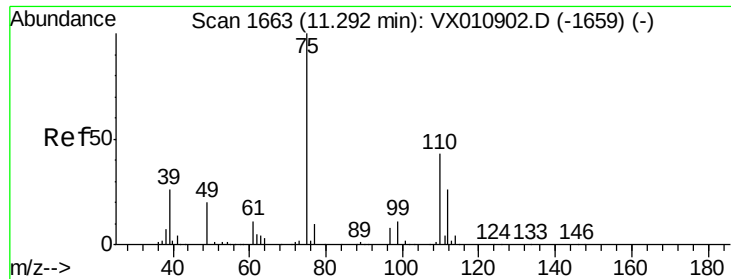
400

200

0

Time--> 11.20 11.25 11.30

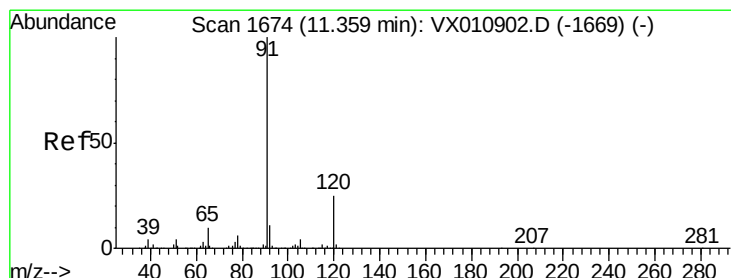
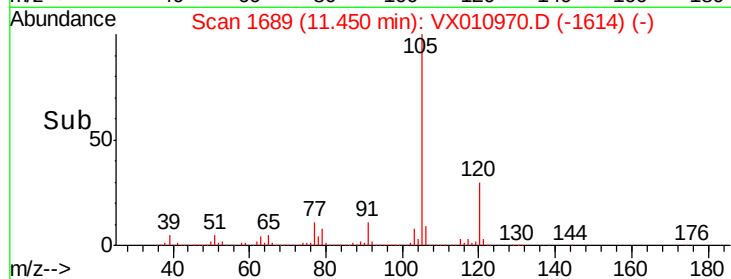
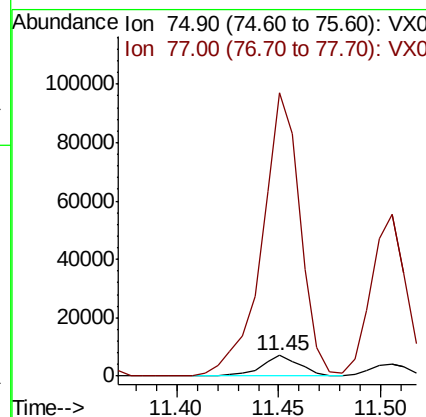
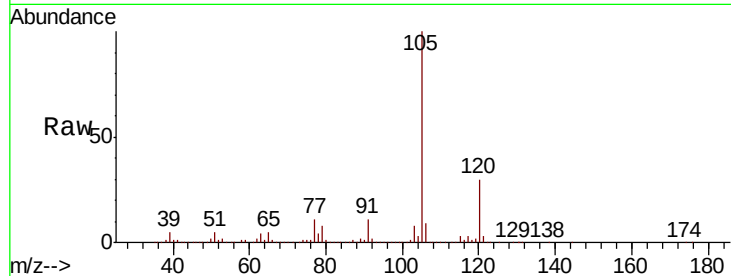




#76
 1,2,3-Trichloropropane
 Concen: 3.069 ug/l
 RT: 11.45 min Scan# 1689
 Delta R.T. 0.16 min
 Lab File: VX010970.D
 Acq: 18 Jul 2019 19:39

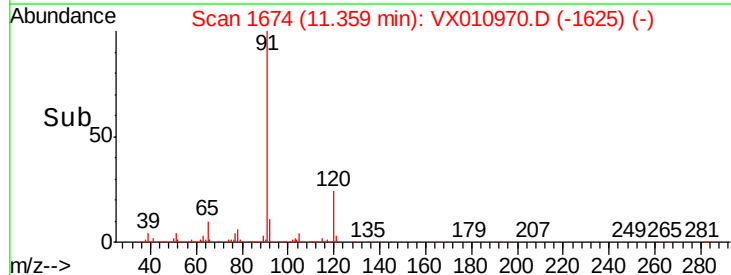
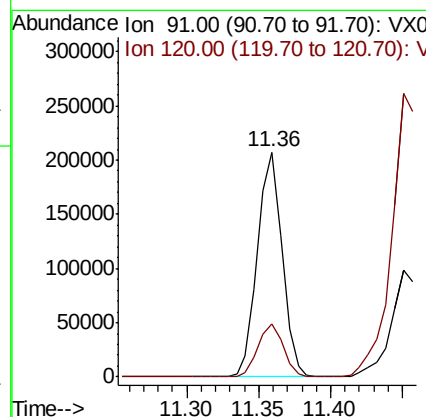
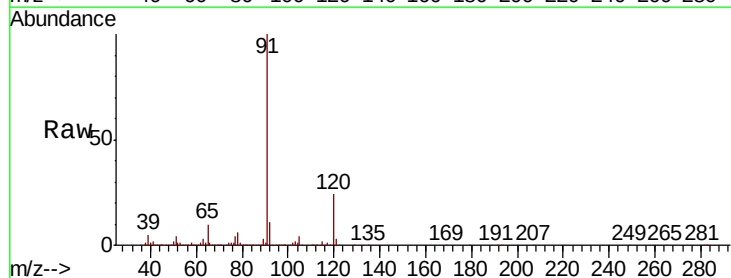
Instrument :
 MSVOA_X
 ClientSampled :

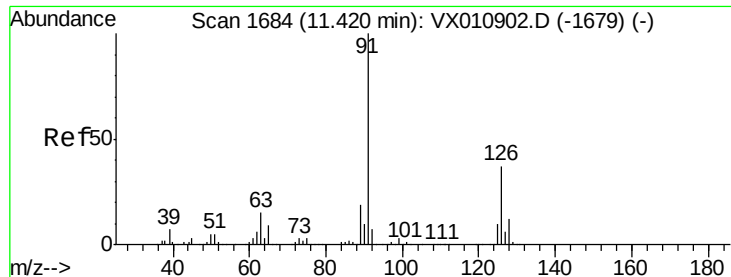
Tot Ion: 75 Resp: 9385
 Ion Ratio Lower Upper
 75 100
 77 1346.9 21.3 64.0#



#78
 n-propylbenzene
 Concen: 19.381 ug/l
 RT: 11.36 min Scan# 1674
 Delta R.T. -0.00 min
 Lab File: VX010970.D
 Acq: 18 Jul 2019 19:39

Tgt Ion: 91 Resp: 245189
 Ion Ratio Lower Upper
 91 100
 120 24.2 12.3 36.8





#79

2-Chlorotoluene

Concen: 17.146 ug/l

RT: 11.45 min Scan# 1689

Delta R.T. 0.03 min

Lab File: VX010970.D

Acq: 18 Jul 2019 19:39

Instrument :

MSVOA_X

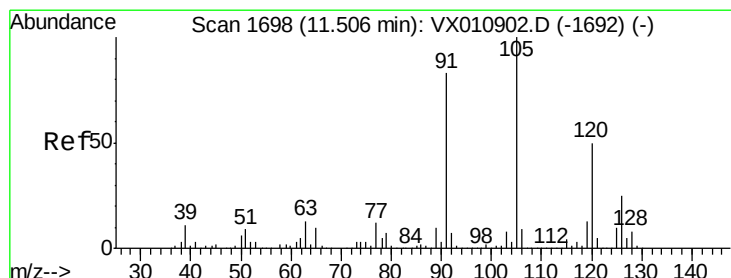
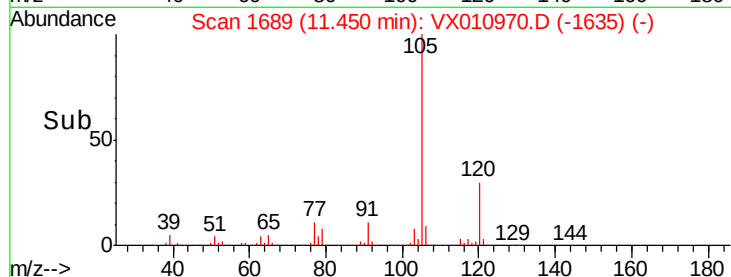
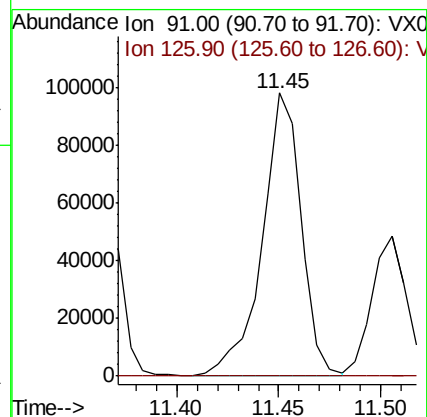
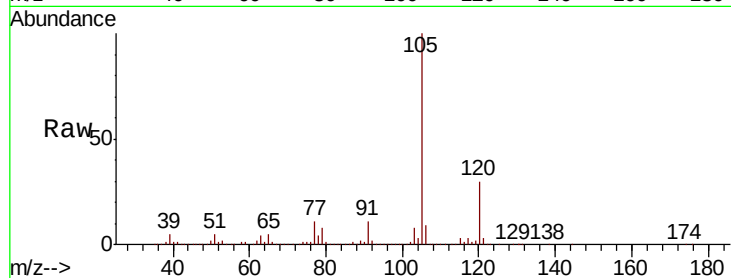
ClientSampleId :

Tot Ion: 91 Resp: 130306

Ion Ratio Lower Upper

91 100

126 0.0 18.0 54.0#



#80

1,3,5-Trimethylbenzene

Concen: 55.364 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010970.D

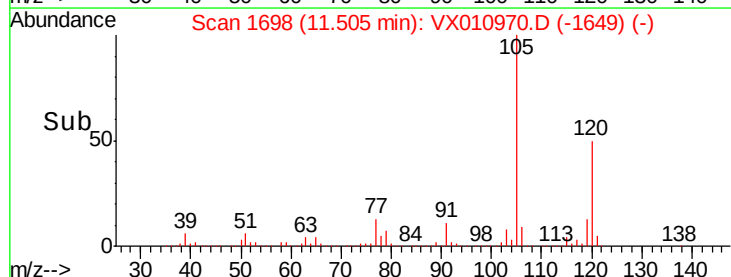
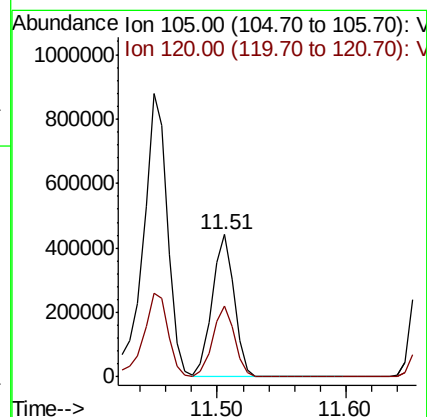
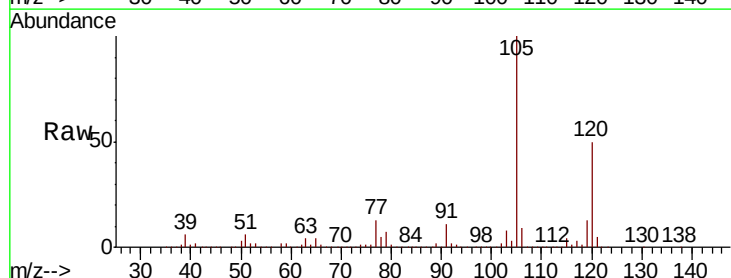
Acq: 18 Jul 2019 19:39

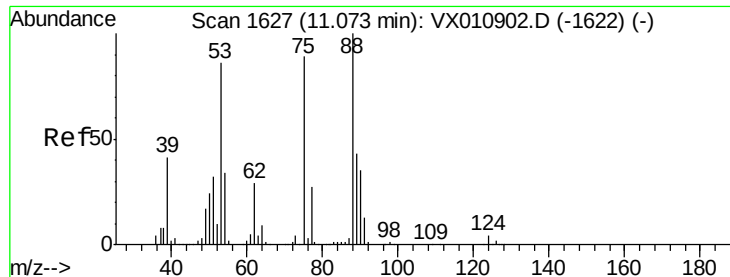
Tgt Ion: 105 Resp: 529683

Ion Ratio Lower Upper

105 100

120 49.4 24.6 73.8





#81

trans-1,4-Dichloro-2-butene

Concen: 67.885 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX010970.D

Acq: 18 Jul 2019 19:39

Instrument :

MSVOA_X

ClientSampleId :

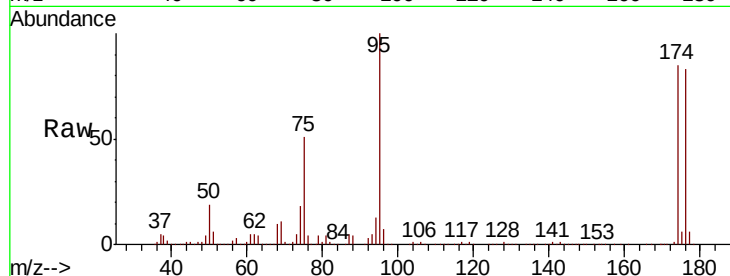
Tot Ion: 75 Resp: 83798

Ion Ratio Lower Upper

75 100

53 0.4 76.7 115.1#

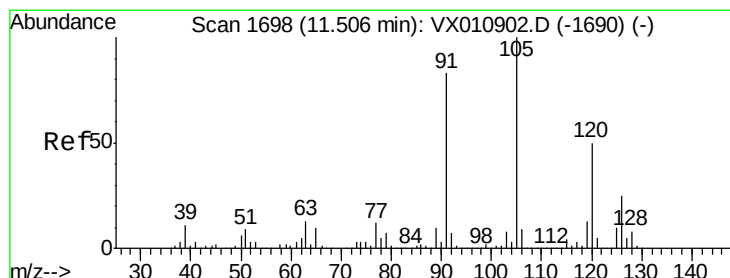
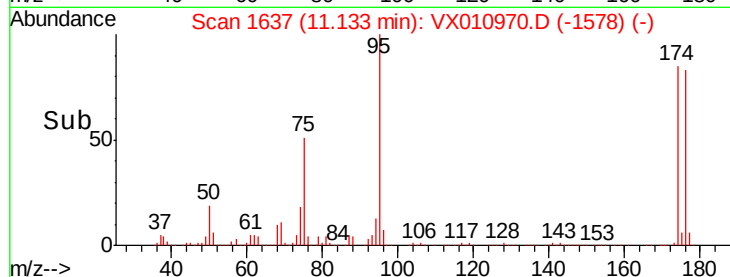
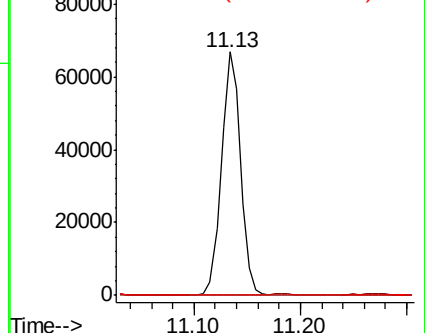
89 0.0 38.5 57.7#



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: 6.525 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010970.D

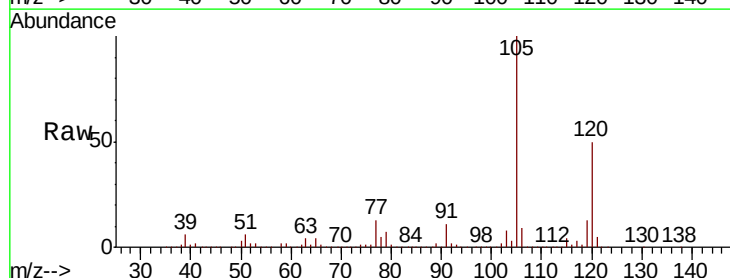
Acq: 18 Jul 2019 19:39

Tgt Ion: 91 Resp: 57716

Ion Ratio Lower Upper

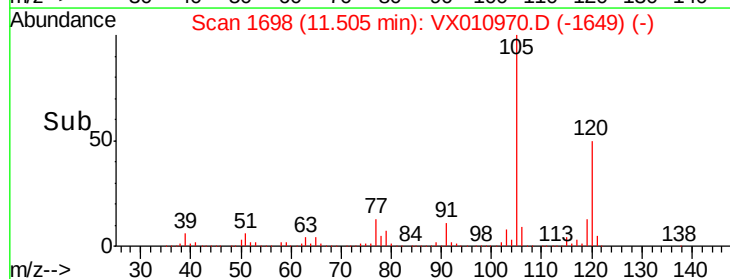
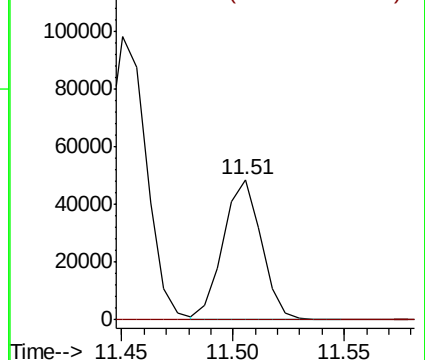
91 100

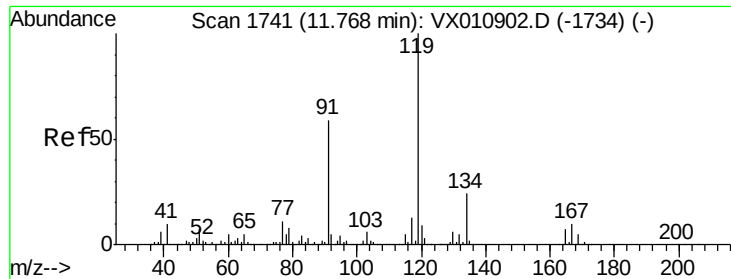
126 0.0 15.9 47.7#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

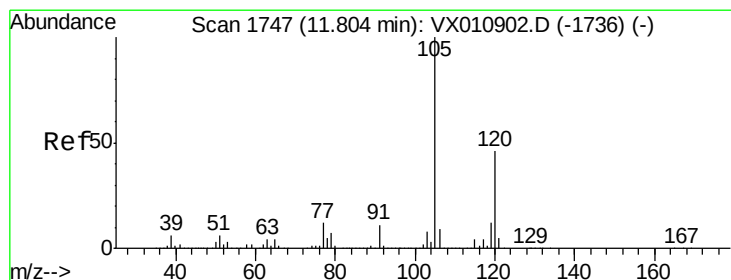
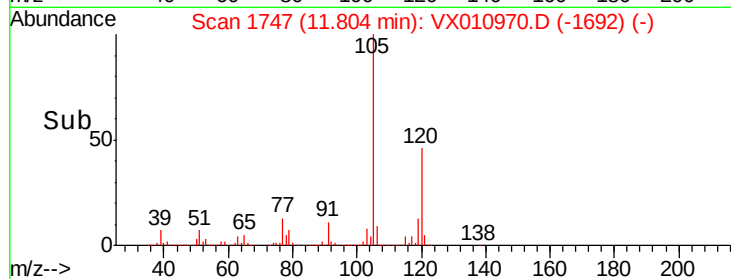
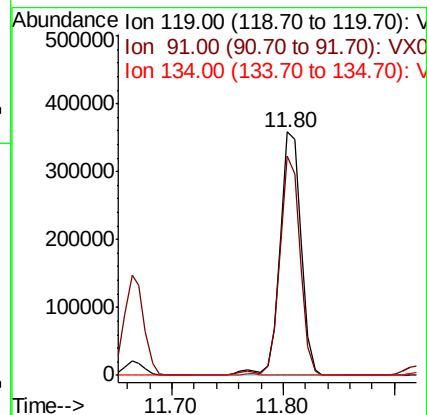
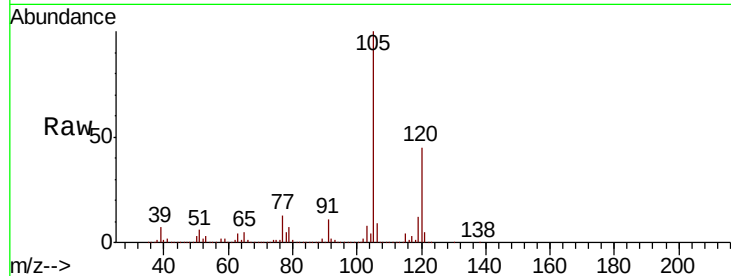




#83
 tert-Butylbenzene
 Concen: 50.042 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.04 min
 Lab File: VX010970.D
 Acq: 18 Jul 2019 19:39

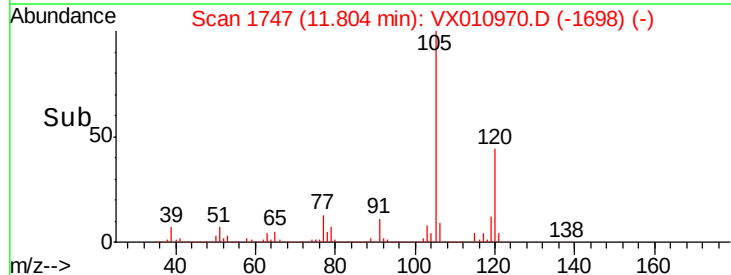
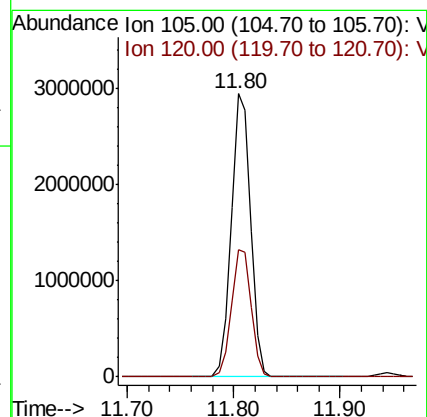
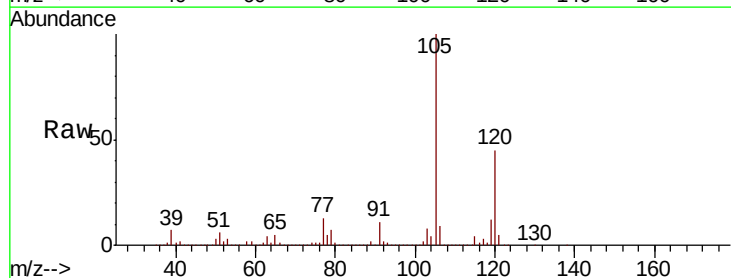
Instrument :
 MSVOA_X
 ClientSampled :

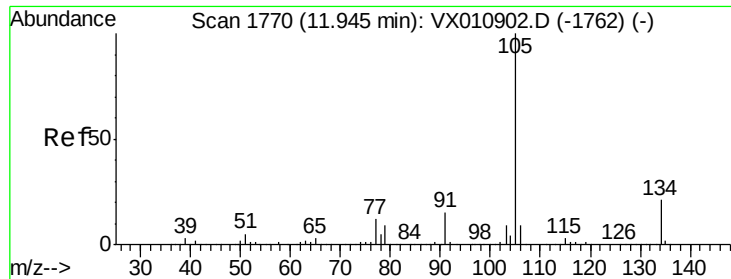
Tot Ion:119 Resp: 470267
 Ion Ratio Lower Upper
 119 100
 91 87.3 28.6 85.8#
 134 0.0 11.6 34.8#



#84
 1,2,4-Trimethylbenzene
 Concen: 388.530 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX010970.D
 Acq: 18 Jul 2019 19:39

Tgt Ion:105 Resp: 3746564
 Ion Ratio Lower Upper
 105 100
 120 45.9 22.9 68.5





#85

sec-Butylbenzene

Concen: 340.243 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.14 min

Lab File: VX010970.D

Acq: 18 Jul 2019 19:39

Instrument :

MSVOA_X

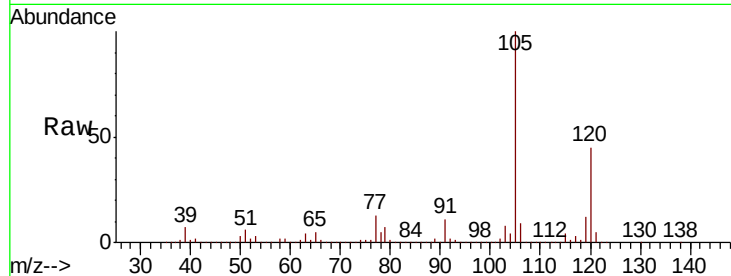
ClientSampleId :

Tot Ion:105 Resp: 3746564

Ion Ratio Lower Upper

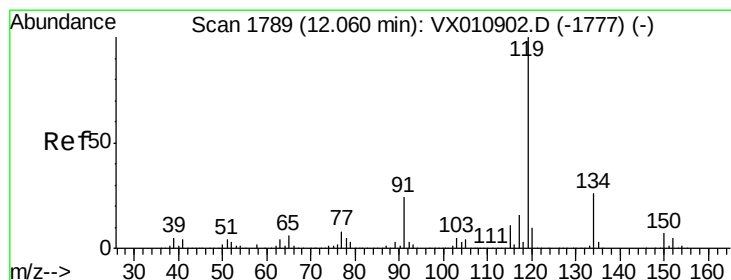
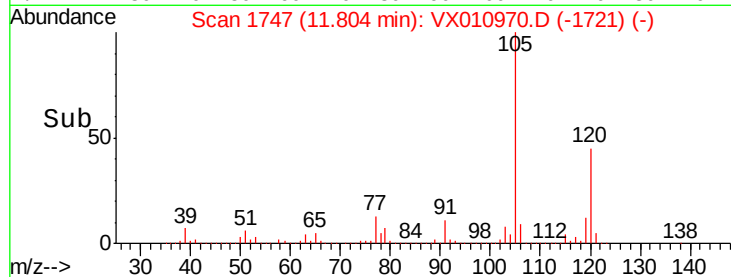
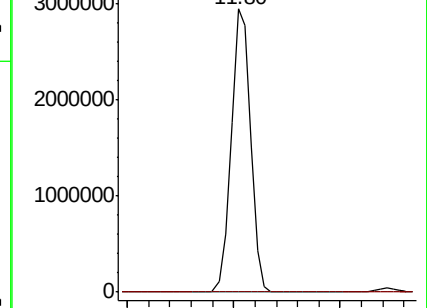
105 100

134 0.0 10.4 31.4#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 7.363 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010970.D

Acq: 18 Jul 2019 19:39

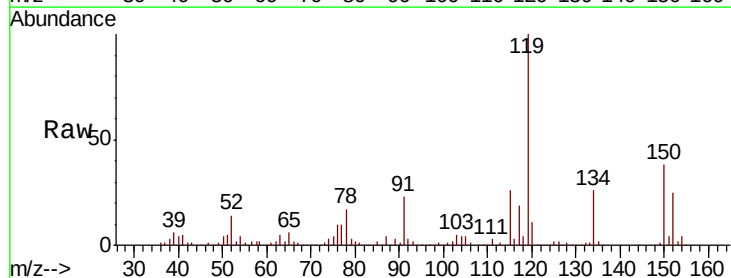
Tgt Ion:119 Resp: 74954

Ion Ratio Lower Upper

119 100

134 27.1 13.4 40.1

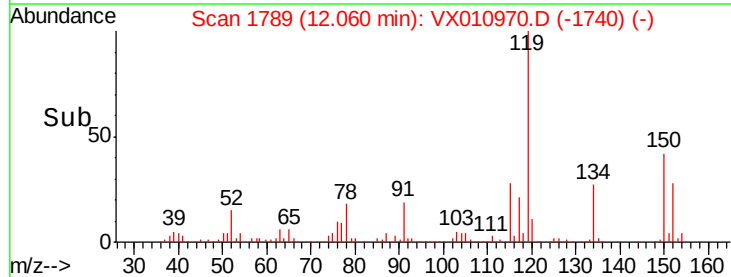
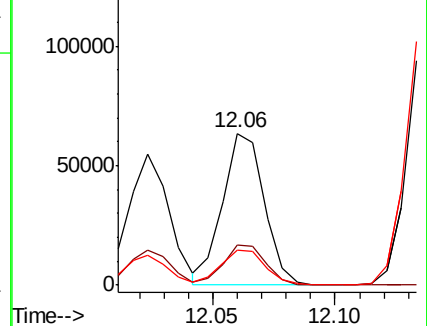
91 24.7 11.8 35.4

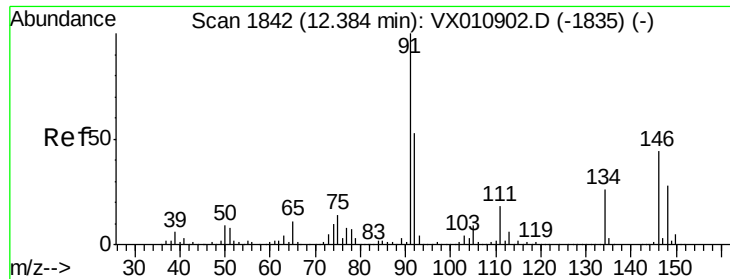


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

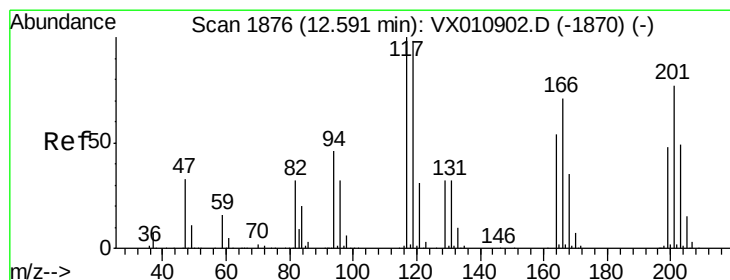
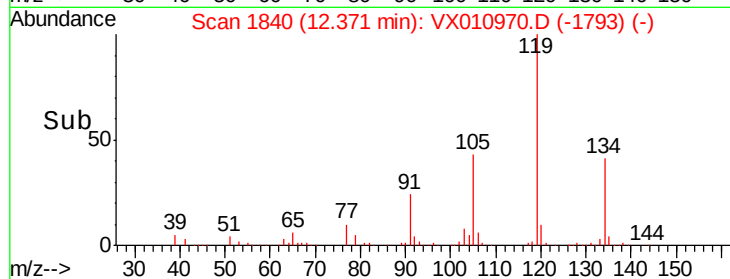
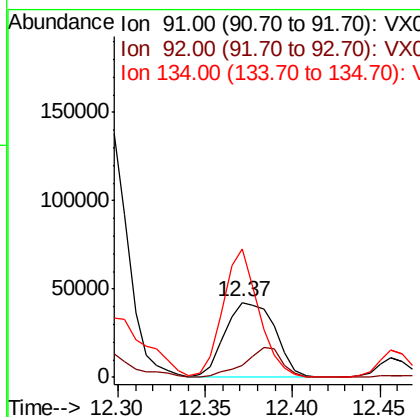
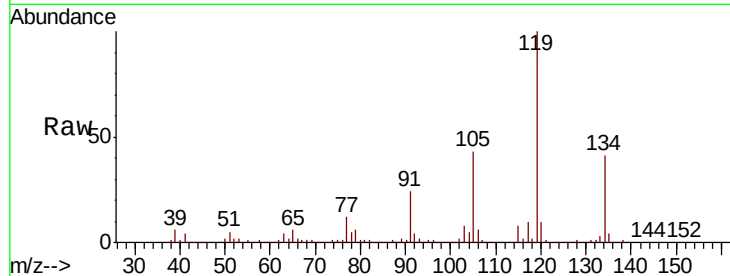




#89
n-Butylbenzene
Concen: 9.664 ug/l
RT: 12.37 min Scan# 1840
Delta R.T. -0.01 min
Lab File: VX010970.D
Acq: 18 Jul 2019 19:39

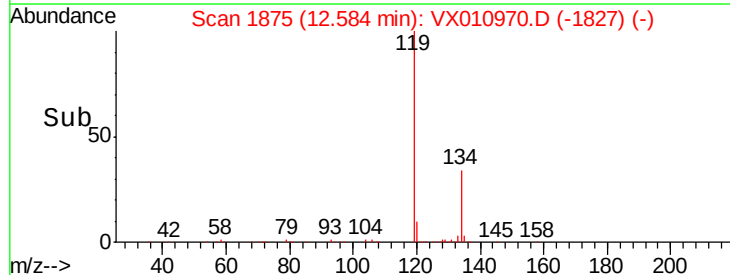
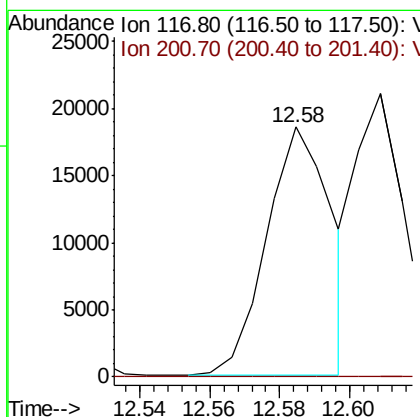
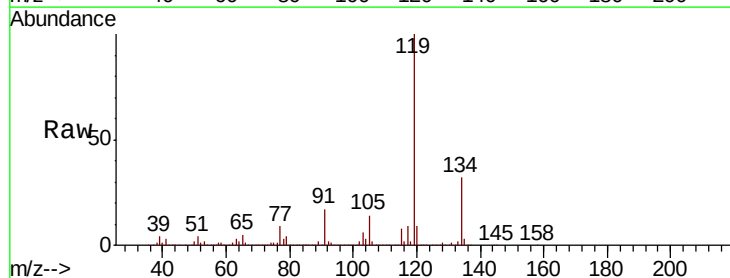
Instrument :
MSVOA_X
ClientSampled :

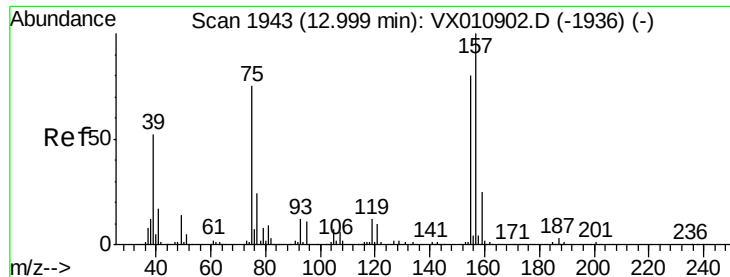
Tot Ion: 91 Resp: 84164
Ion Ratio Lower Upper
91 100
92 30.7 26.2 78.5
134 123.5 13.8 41.3#



#90
Hexachloroethane
Concen: 14.792 ug/l
RT: 12.58 min Scan# 1875
Delta R.T. -0.01 min
Lab File: VX010970.D
Acq: 18 Jul 2019 19:39

Tgt Ion: 117 Resp: 23751
Ion Ratio Lower Upper
117 100
201 0.0 43.3 129.8#

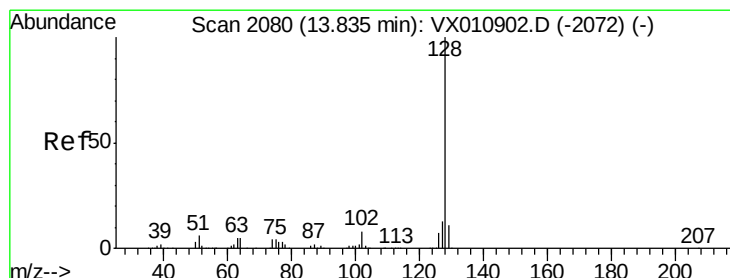
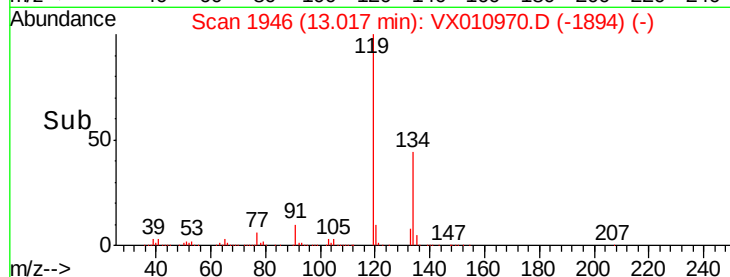
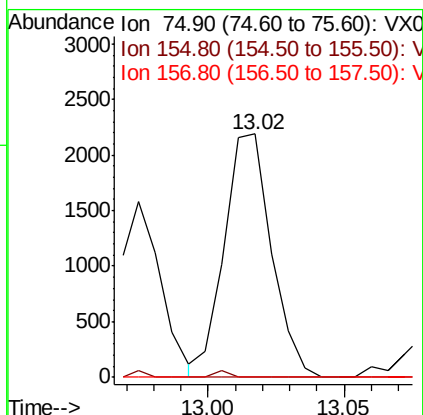
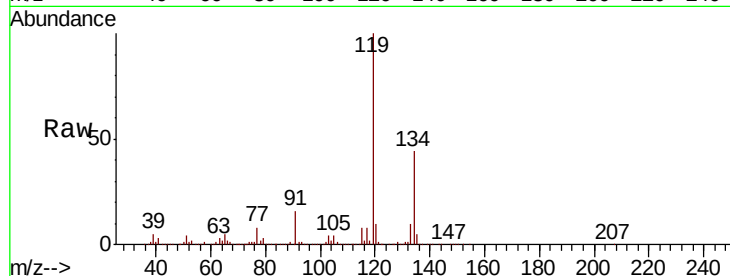




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 3.372 ug/l
 RT: 13.02 min Scan# 1946
 Delta R.T. 0.02 min
 Lab File: VX010970.D
 Acq: 18 Jul 2019 19:39

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 75 Resp: 2641
 Ion Ratio Lower Upper
 75 100
 155 0.9 48.7 146.1#
 157 0.0 62.5 187.6#



#95
 Naphthalene
 Concen: 104.576 ug/l
 RT: 13.83 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX010970.D
 Acq: 18 Jul 2019 19:39

Tgt Ion: 128 Resp: 1136791
 Ion Ratio Lower Upper
 128 100
 127 13.1 10.4 15.6
 129 11.2 8.9 13.3

