

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021519\
 Data File : VX007557.D
 Acq On : 14 Feb 2019 20:21
 Operator : JC/SP
 Sample : K1474-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 15 02:48:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	558142	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	840297	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	805034	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	461809	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	288364	48.68	ug/l	0.00
Spiked Amount			Recovery	=	97.36%	
35) Dibromofluoromethane	5.50	113	266413	48.73	ug/l	0.00
Spiked Amount			Recovery	=	97.46%	
50) Toluene-d8	8.71	98	1035145	51.03	ug/l	0.00
Spiked Amount			Recovery	=	102.06%	
62) 4-Bromofluorobenzene	11.14	95	448414	60.55	ug/l	0.00
Spiked Amount			Recovery	=	121.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	7471	1.188	ug/l #	65
5) Bromomethane	1.65	94	221	Below Cal	#	51
6) Chloroethane	1.98	64	1673	0.419	ug/l #	43
11) Tert butyl alcohol	3.06	59	18254	14.889	ug/l #	73
13) Acrolein	2.28	56	1353	2.353	ug/l #	1
14) Allyl chloride	2.85	41	67732	7.800	ug/l #	69
15) Acrylonitrile	3.17	53	23746	7.829	ug/l #	53
16) Acetone	2.45	43	9203	3.391	ug/l #	88
17) Carbon Disulfide	2.57	76	4290	2.416	ug/l #	85
18) Methyl Acetate	2.85	43	154534	22.190	ug/l #	52
19) Methyl tert-butyl Ether	3.20	73	1095071	63.428	ug/l #	89
23) Vinyl Acetate	3.81	43	3745	0.283	ug/l	95
29) Tetrahydrofuran	5.15	42	490	0.202	ug/l #	43
30) Chloroform	5.27	83	23503	2.456	ug/l #	46
31) Cyclohexane	5.59	56	426609	51.785	ug/l	98
36) 1,1-Dichloropropene	5.66	75	33811	4.485	ug/l #	48
37) Ethyl Acetate	4.90	43	1989	0.261	ug/l #	79
38) Carbon Tetrachloride	5.66	117	49929	6.826	ug/l #	17
39) Methylcyclohexane	7.46	83	543058	59.533	ug/l	94
40) Benzene	6.15	78	13735060	618.445	ug/l	99
41) Methacrylonitrile	5.06	41	3105	0.760	ug/l #	22
42) 1,2-Dichloroethane	6.15	62	121983	15.875	ug/l #	74
43) Isopropyl Acetate	6.45	43	20072	1.706	ug/l #	71
45) 1,2-Dichloropropane	7.46	63	6941	1.247	ug/l #	1
46) Dibromomethane	7.63	93	2101	0.519	ug/l #	1
47) Bromodichloromethane	7.84	83	5563	0.812	ug/l #	15
48) Methyl methacrylate	7.73	41	63810	10.844	ug/l #	54
49) 1,4-Dioxane	7.76	88	226	8.556	ug/l #	3
51) 4-Methyl-2-Pentanone	8.65	43	29013	3.746	ug/l #	64
52) Toluene	8.79	92	39504	2.757	ug/l	98
55) 1,1,2-Trichloroethane	9.16	97	88116	14.753	ug/l #	18
56) Ethyl methacrylate	9.16	69	20516	2.480	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.26	63	1366	0.313	ug/l #	45
59) 2-Hexanone	9.51	43	9187	1.524	ug/l	72

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021519\
 Data File : VX007557.D
 Acq On : 14 Feb 2019 20:21
 Operator : JC/SP
 Sample : K1474-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 15 02:48:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

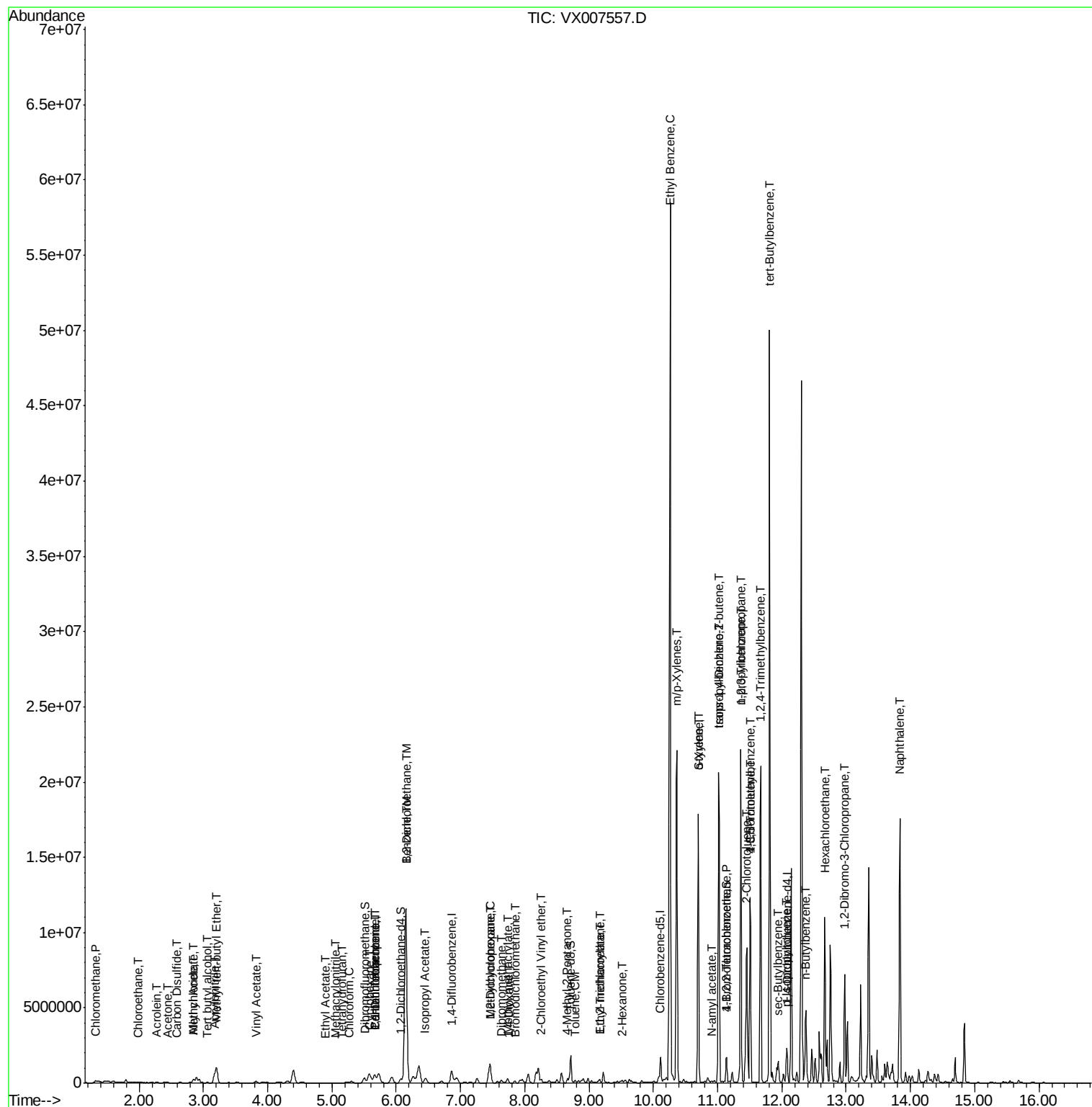
67) Ethyl Benzene	10.25	91	18504939	654.112	ug/l #	37
68) m/p-Xylenes	10.37	106	4938539	439.149	ug/l	97
69) o-Xylene	10.70	106	3808750	351.972	ug/l	100
70) Styrene	10.70	104	210034	11.968	ug/l #	1
73) Isopropylbenzene	11.02	105	10062038	320.627	ug/l	96
74) N-amyl acetate	10.90	43	5688	0.469	ug/l #	16
75) 1,1,2,2-Tetrachloroethane	11.14	83	3734	0.390	ug/l	90
76) 1,2,3-Trichloropropane	11.36	75	85196	9.484	ug/l #	1
78) n-propylbenzene	11.36	91	11879712	345.212	ug/l	93
79) 2-Chlorotoluene	11.46	91	651211	31.187	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.51	105	5065539	197.298	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.02	75	121489	42.497	ug/l #	71
82) 4-Chlorotoluene	11.51	91	546024	22.599	ug/l #	42
83) tert-Butylbenzene	11.81	119	3031336	119.253	ug/l #	59
84) 1,2,4-Trimethylbenzene	11.67	105	9719356	372.878	ug/l	81
85) sec-Butylbenzene	11.94	105	549501	17.861	ug/l	97
86) p-Isopropyltoluene	12.07	119	158427	5.705	ug/l #	78
89) n-Butylbenzene	12.38	91	772491	32.334	ug/l #	30
90) Hexachloroethane	12.67	117	439832	105.820	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	12.97	75	21091	10.606	ug/l #	1
95) Naphthalene	13.83	128	10538567	338.375	ug/l	97

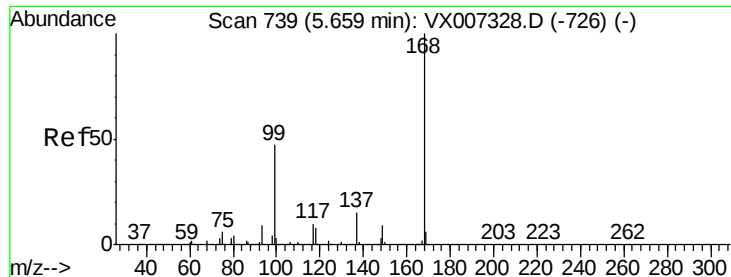
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX021519\
Data File : VX007557.D
Acq On : 14 Feb 2019 20:21
Operator : JC/SP
Sample : K1474-03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Feb 15 02:48:00 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007557.D

Acq: 14 Feb 2019 20:21

Instrument :

MSVOA_X

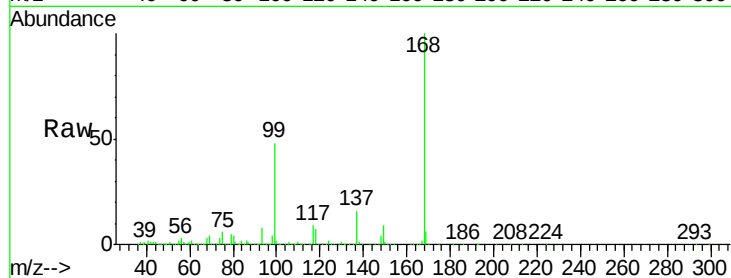
ClientSampleId :

Tot Ion:168 Resp: 558142

Ion Ratio Lower Upper

168 100

99 48.0 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

200000

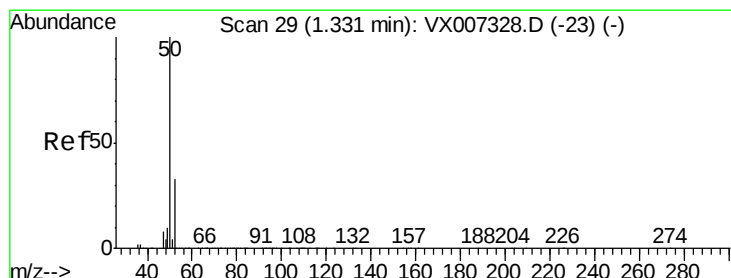
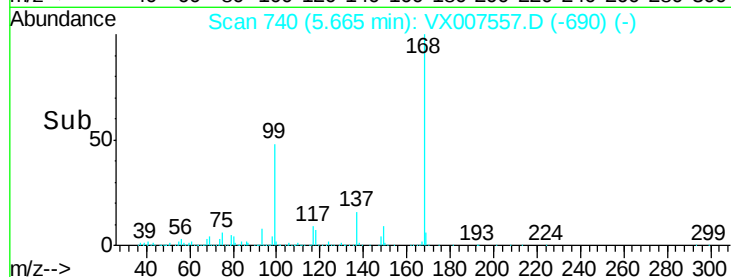
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 1.188 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007557.D

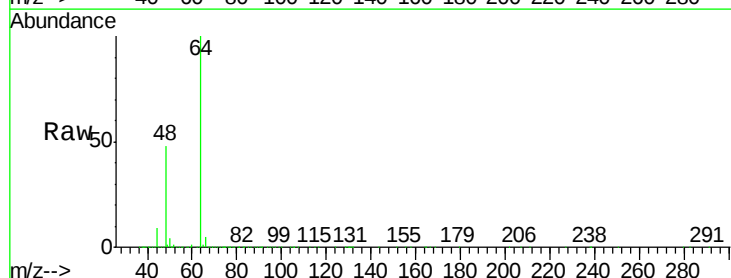
Acq: 14 Feb 2019 20:21

Tgt Ion: 50 Resp: 7471

Ion Ratio Lower Upper

50 100

52 12.9 26.1 39.1#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33

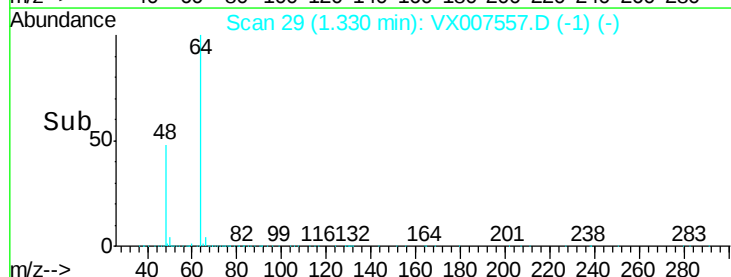
3000

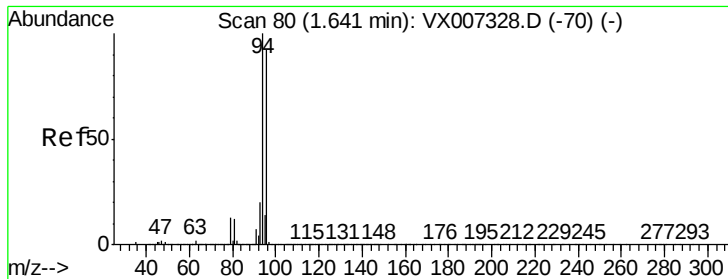
2000

1000

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 82

Delta R.T. 0.01 min

Lab File: VX007557.D

Acq: 14 Feb 2019 20:21

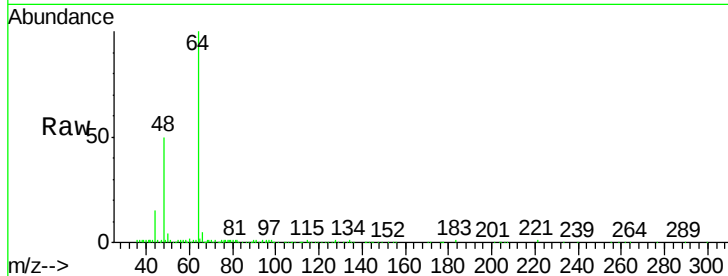
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 94 Resp: 221

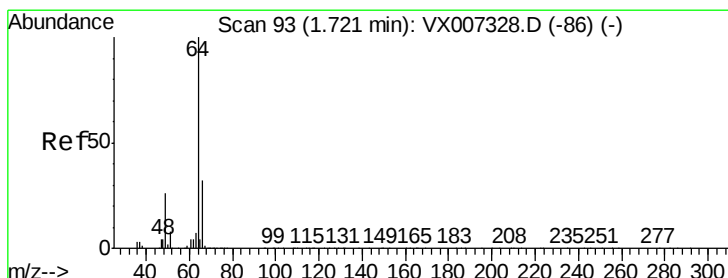
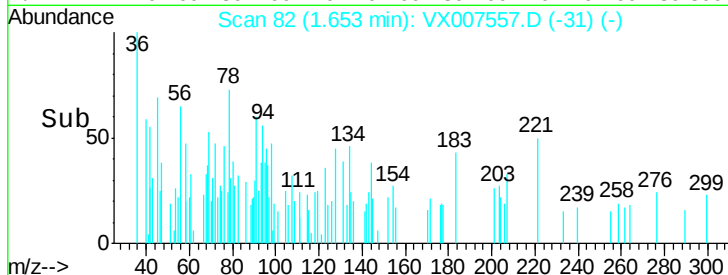
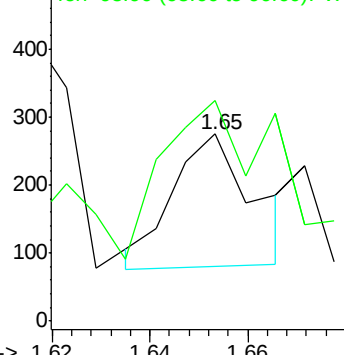
Ion Ratio Lower Upper

94 100

96 139.1 73.9 110.9#



Abundance Ion 93.90 (93.60 to 94.60): VX0
Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 0.419 ug/l

RT: 1.98 min Scan# 136

Delta R.T. 0.26 min

Lab File: VX007557.D

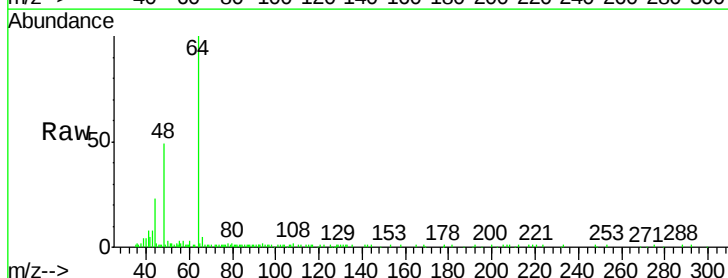
Acq: 14 Feb 2019 20:21

Tgt Ion: 64 Resp: 1673

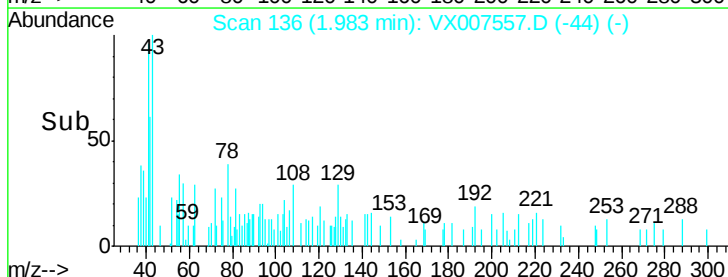
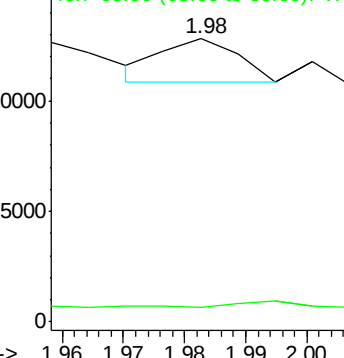
Ion Ratio Lower Upper

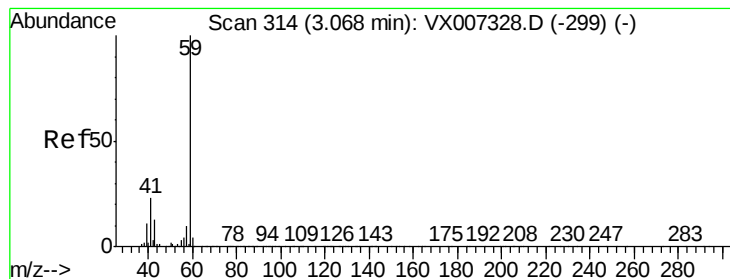
64 100

66 0.0 25.5 38.3#



Abundance Ion 63.90 (63.60 to 64.60): VX0
Ion 65.90 (65.60 to 66.60): VX0



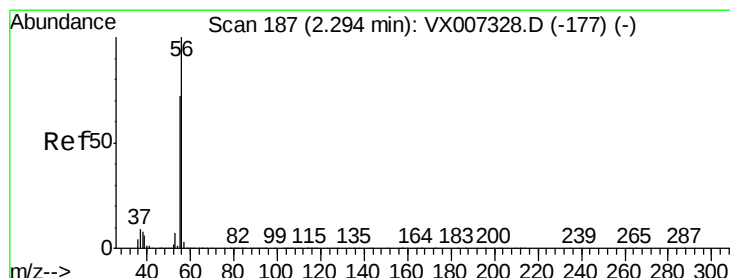
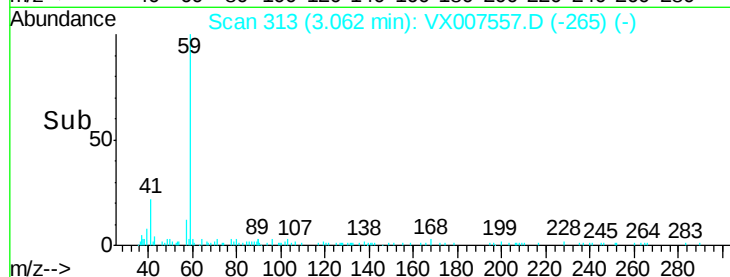
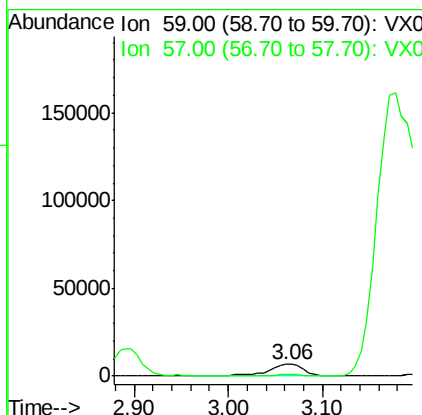
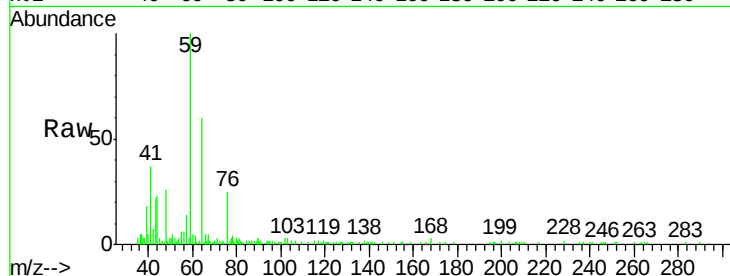


#11

Tert butyl alcohol
Concen: 14.889 ug/l
RT: 3.06 min Scan# 313
Delta R.T. -0.01 min
Lab File: VX007557.D
Acq: 14 Feb 2019 20:21

Instrument :
MSVOA_X
ClientSampleId :

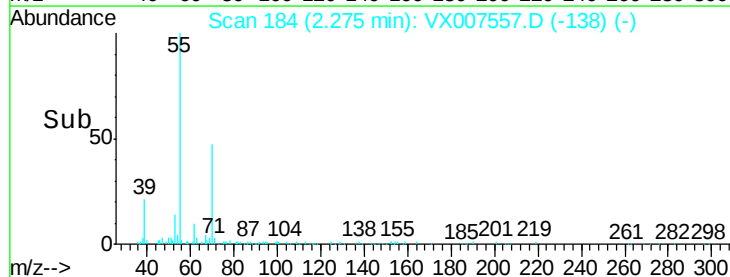
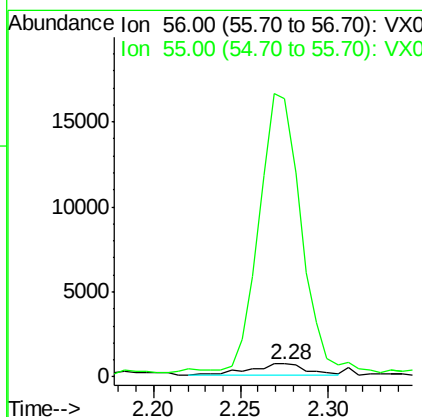
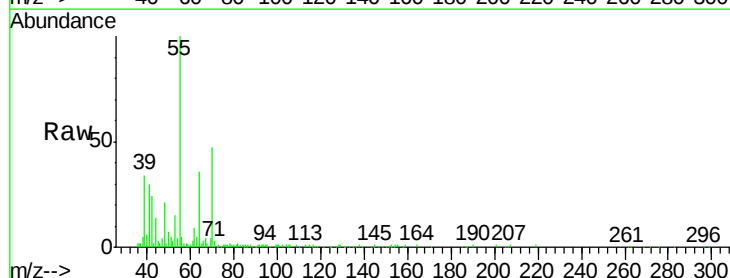
Tot Ion: 59 Resp: 18254
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

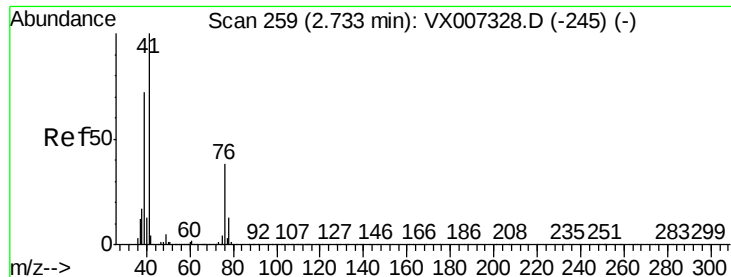


#13

Acrolein
Concen: 2.353 ug/l
RT: 2.28 min Scan# 184
Delta R.T. -0.02 min
Lab File: VX007557.D
Acq: 14 Feb 2019 20:21

Tgt Ion: 56 Resp: 1353
Ion Ratio Lower Upper
56 100
55 2057.5 56.9 85.3#

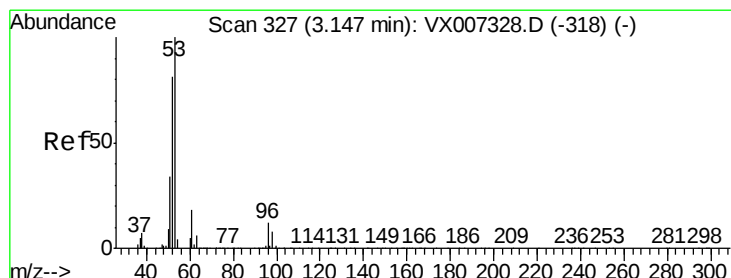
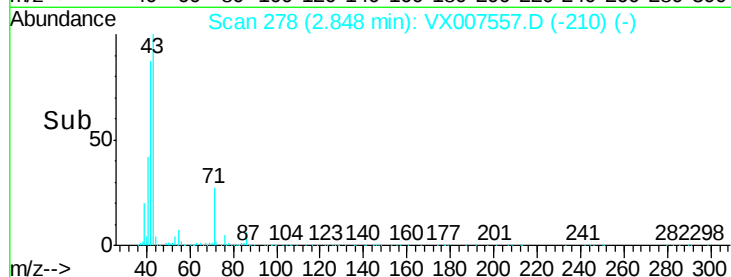
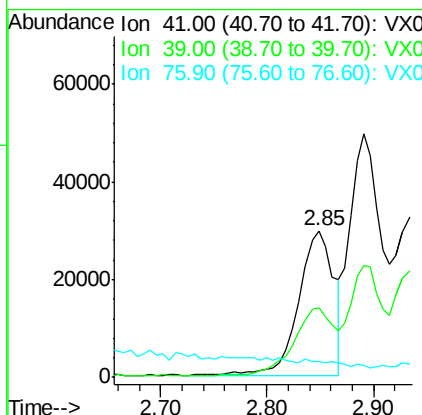
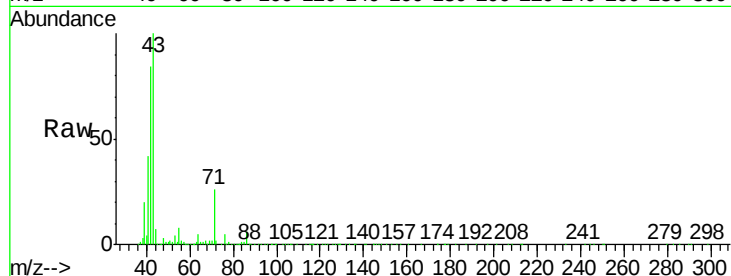




#14
Allvl chloride
Concen: 7.800 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.12 min
Lab File: VX007557.D
Acq: 14 Feb 2019 20:21

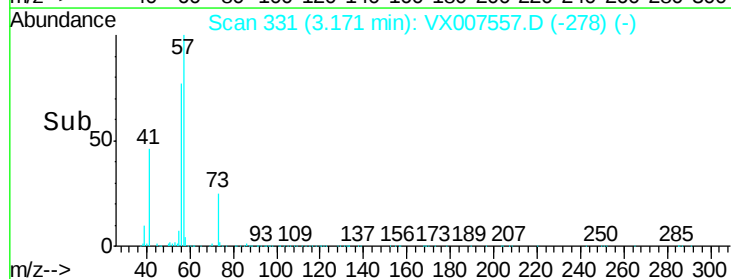
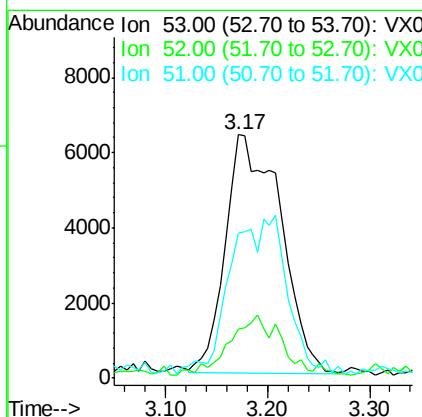
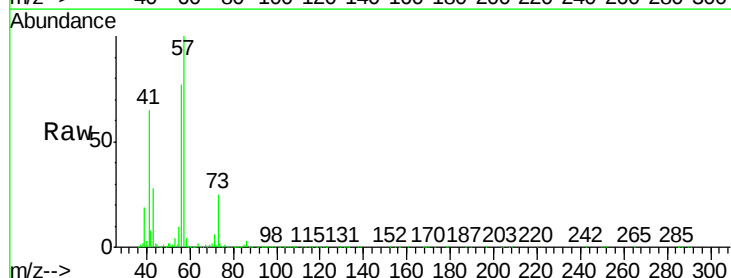
Instrument :
MSVOA_X
ClientSampleId :

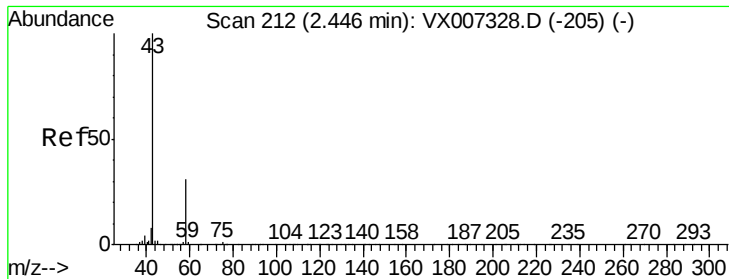
Tot Ion: 41 Resp: 67732
Ion Ratio Lower Upper
41 100
39 54.3 54.1 81.1
76 0.0 27.8 41.8#



#15
Acrylonitrile
Concen: 7.829 ug/l
RT: 3.17 min Scan# 331
Delta R.T. 0.02 min
Lab File: VX007557.D
Acq: 14 Feb 2019 20:21

Tgt Ion: 53 Resp: 23746
Ion Ratio Lower Upper
53 100
52 22.8 66.4 99.6#
51 35.8 28.4 42.6

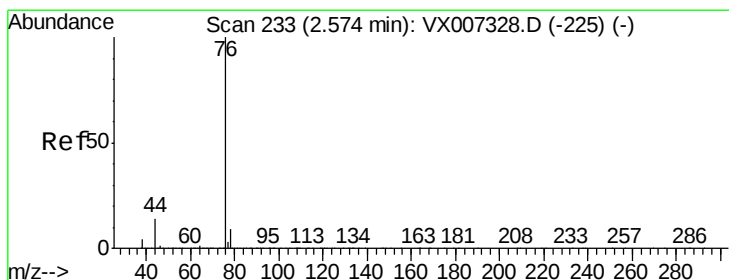
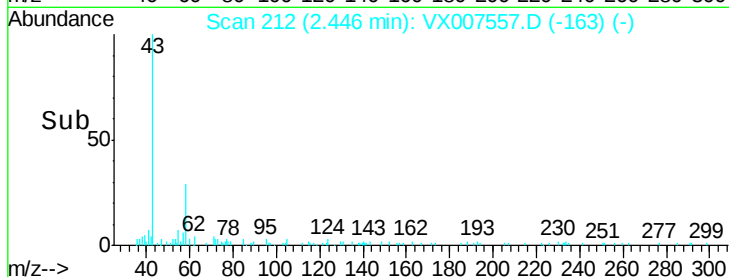
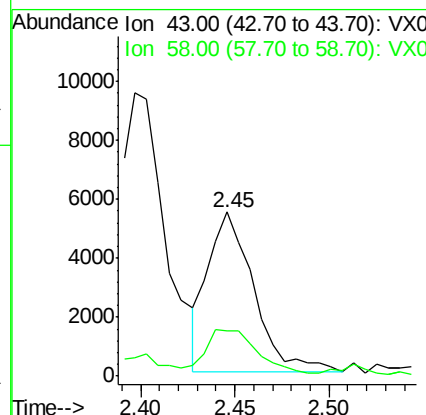
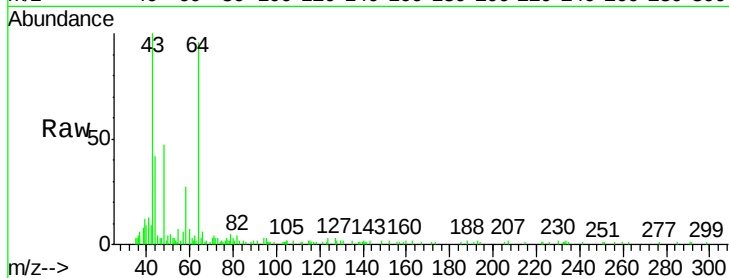




#16
Acetone
Concen: 3.391 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX007557.D
Acq: 14 Feb 2019 20:21

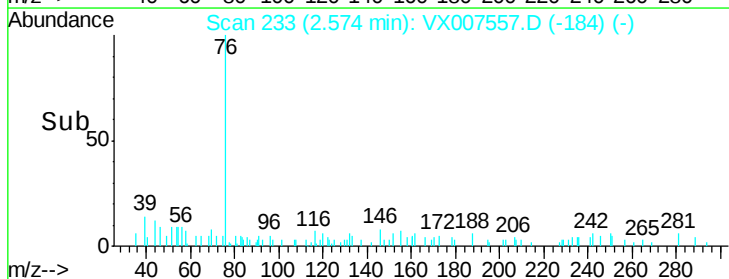
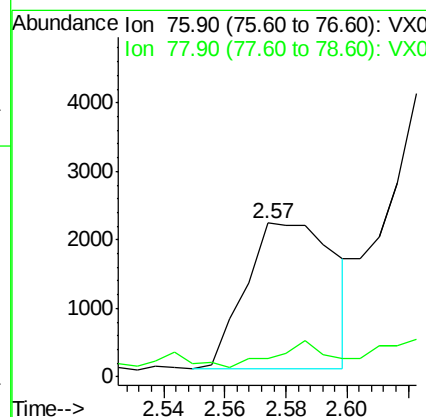
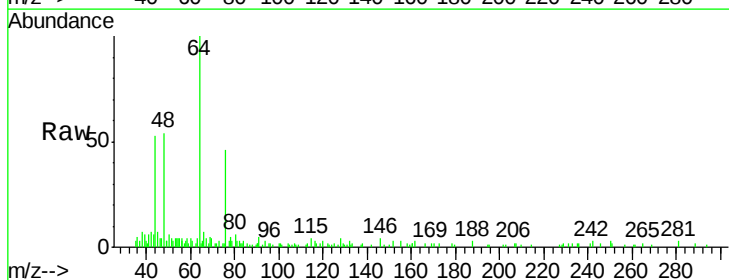
Instrument :
MSVOA_X
ClientSampleId :

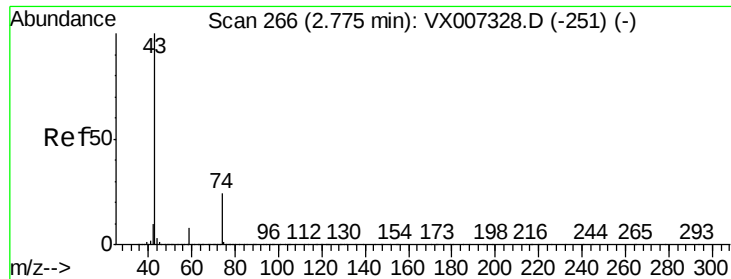
Tot Ion: 43 Resp: 9203
Ion Ratio Lower Upper
43 100
58 24.6 24.9 37.3#



#17
Carbon Disulfide
Concen: 2.416 ug/l
RT: 2.57 min Scan# 233
Delta R.T. -0.00 min
Lab File: VX007557.D
Acq: 14 Feb 2019 20:21

Tgt Ion: 76 Resp: 4290
Ion Ratio Lower Upper
76 100
78 3.6 7.1 10.7#

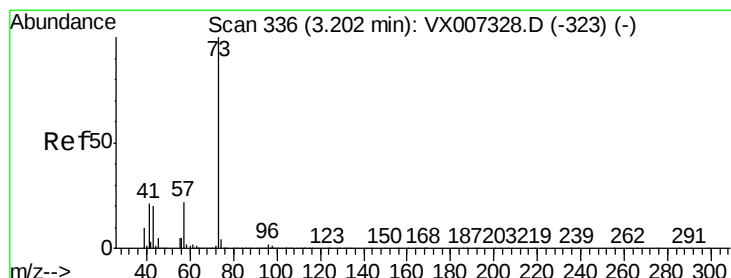
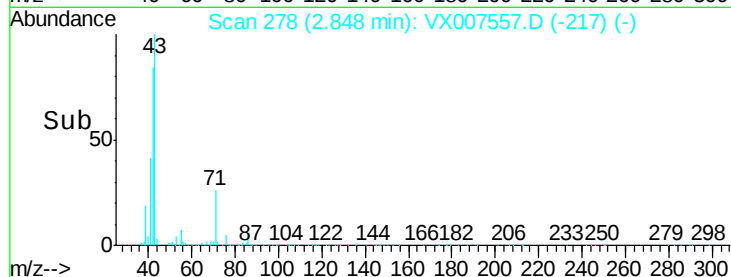
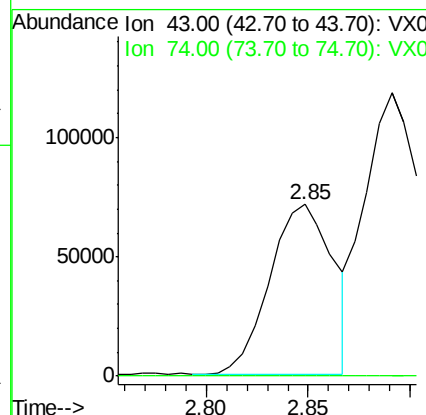
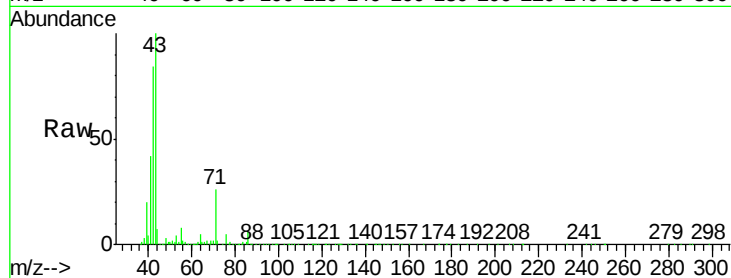




#18
Methyl Acetate
Concen: 22.190 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.07 min
Lab File: VX007557.D
Acq: 14 Feb 2019 20:21

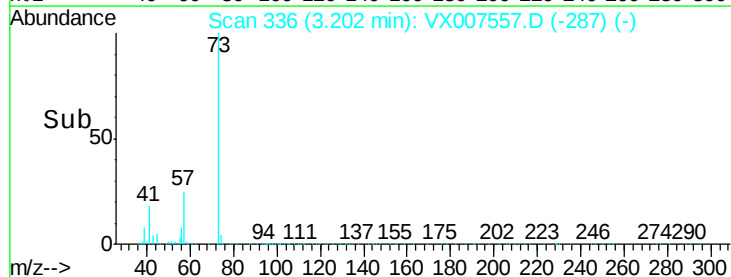
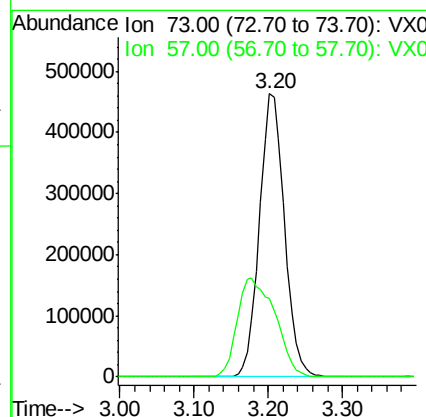
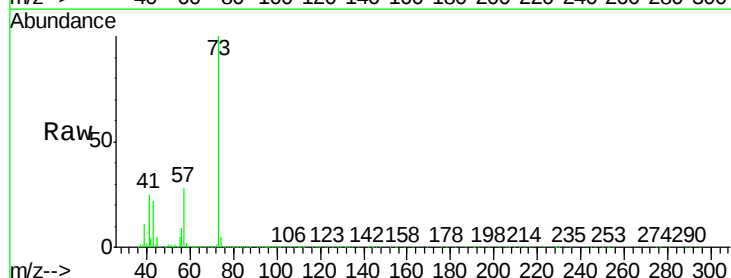
Instrument :
MSVOA_X
ClientSampleId :

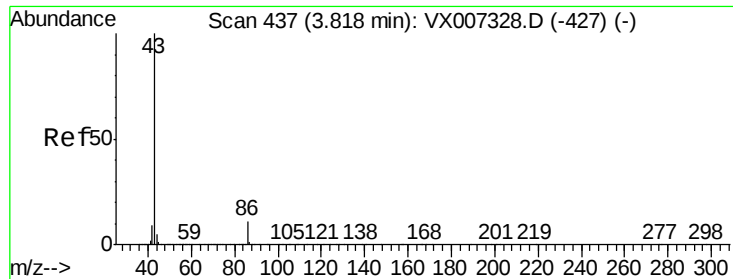
Tot Ion: 43 Resp: 154534
Ion Ratio Lower Upper
43 100
74 0.3 19.4 29.2#



#19
Methyl tert-butyl Ether
Concen: 63.428 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX007557.D
Acq: 14 Feb 2019 20:21

Tgt Ion: 73 Resp: 1095071
Ion Ratio Lower Upper
73 100
57 27.5 17.8 26.8#





#23

Vinyl Acetate

Concen: 0.283 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX007557.D

Acq: 14 Feb 2019 20:21

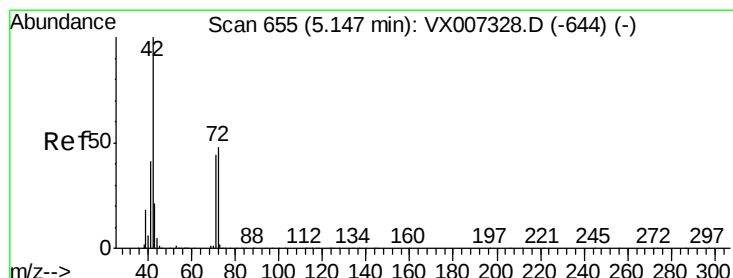
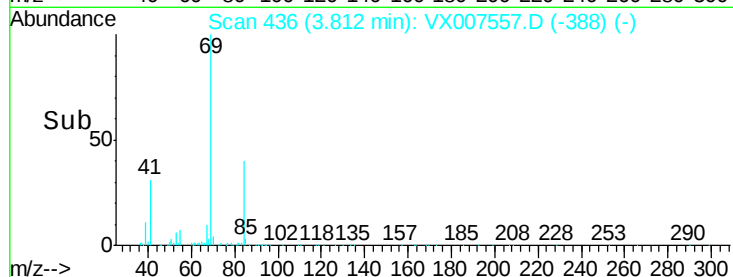
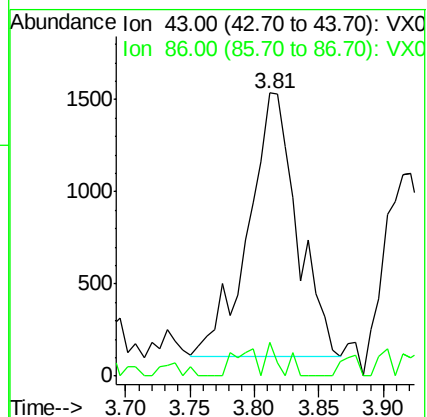
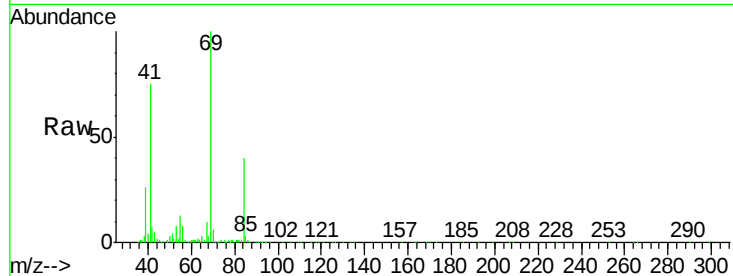
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 3745

Ion Ratio Lower Upper

43 100

86 9.0 8.7 13.1



#29

Tetrahydrofuran

Concen: 0.202 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.01 min

Lab File: VX007557.D

Acq: 14 Feb 2019 20:21

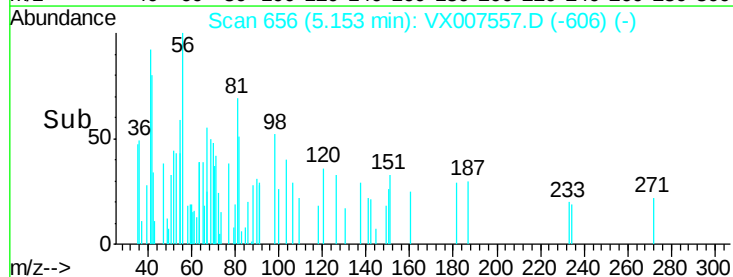
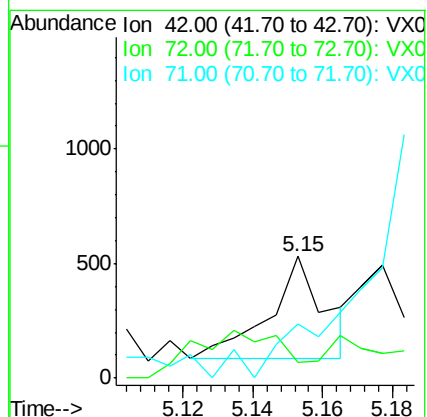
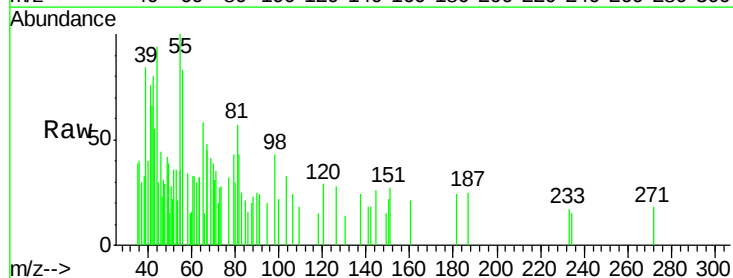
Tgt Ion: 42 Resp: 490

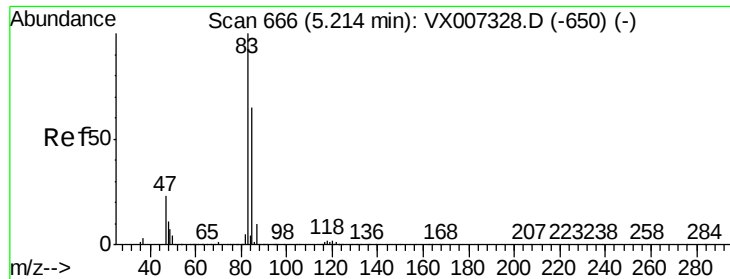
Ion Ratio Lower Upper

42 100

72 15.3 37.6 56.4#

71 0.0 34.6 51.8#

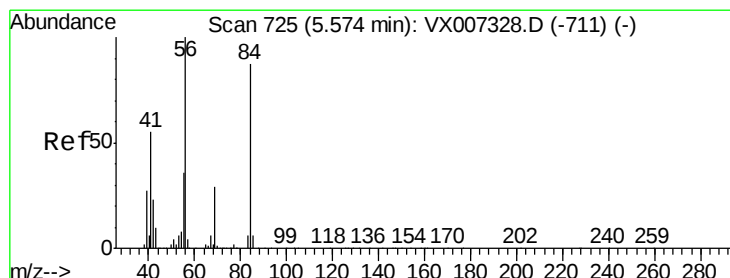
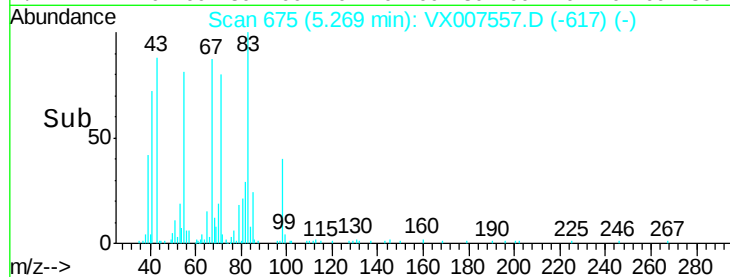
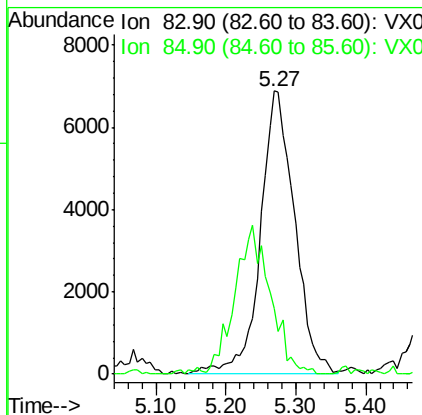
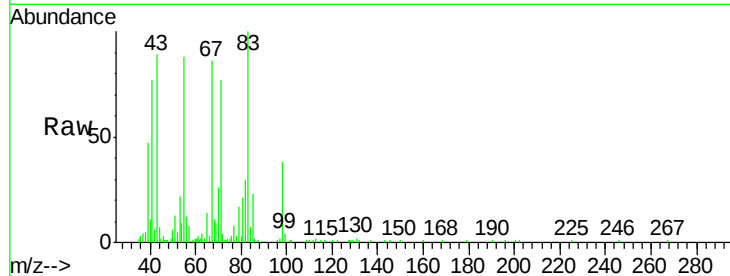




#30
Chloroform
Concen: 2.456 ug/l
RT: 5.27 min Scan# 675
Delta R.T. 0.05 min
Lab File: VX007557.D
Acq: 14 Feb 2019 20:21

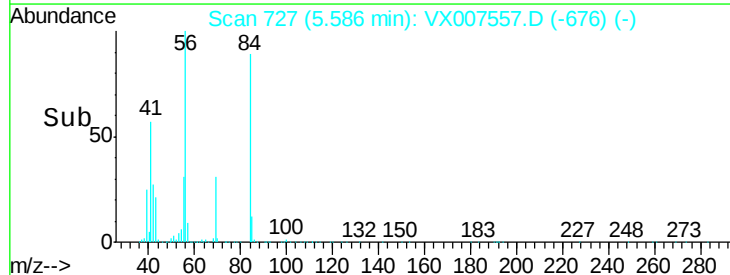
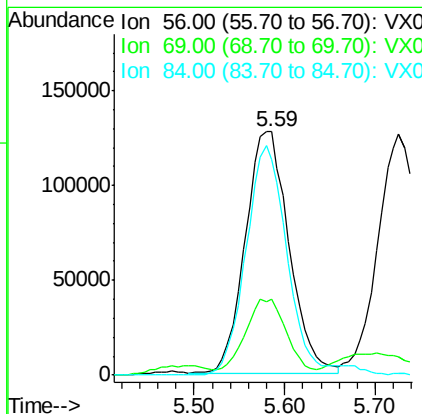
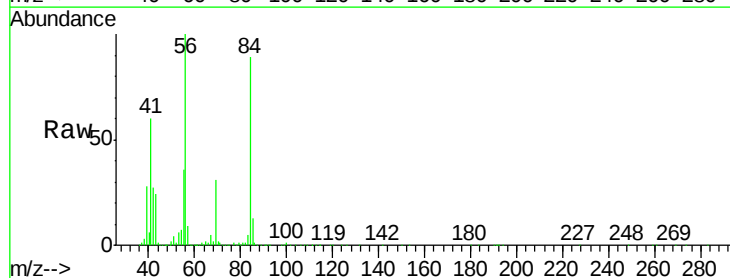
Instrument :
MSVOA_X
ClientSampleId :

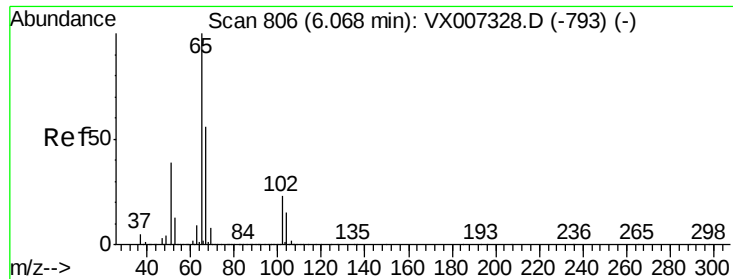
Tot Ion: 83 Resp: 23503
Ion Ratio Lower Upper
83 100
85 22.4 51.6 77.4#



#31
Cyclohexane
Concen: 51.785 ug/l
RT: 5.59 min Scan# 727
Delta R.T. 0.01 min
Lab File: VX007557.D
Acq: 14 Feb 2019 20:21

Tgt Ion: 56 Resp: 426609
Ion Ratio Lower Upper
56 100
69 27.6 23.0 34.6
84 89.2 69.8 104.6

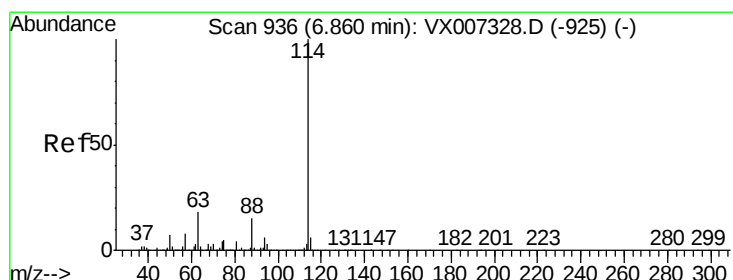
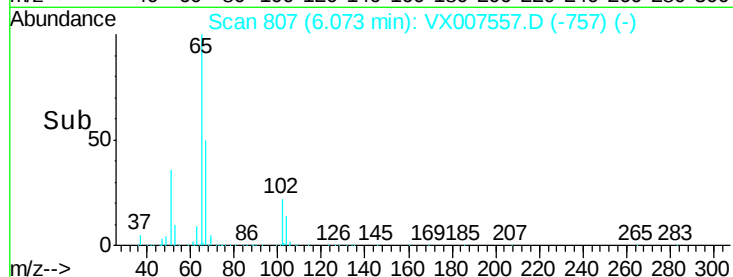
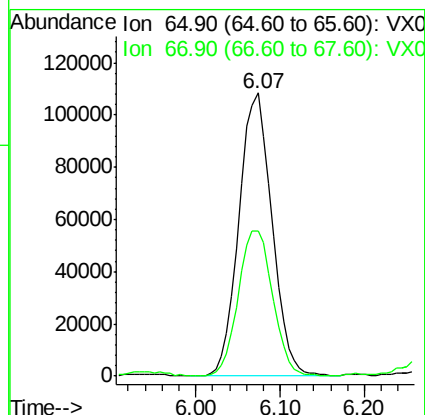
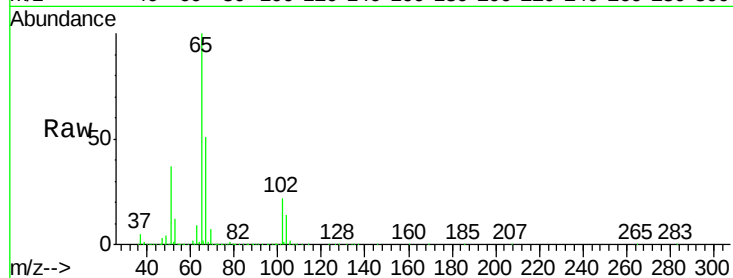




#33
 1,2-Dichloroethane-d4
 Concen: 48.675 ug/l
 RT: 6.07 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX007557.D
 Acq: 14 Feb 2019 20:21

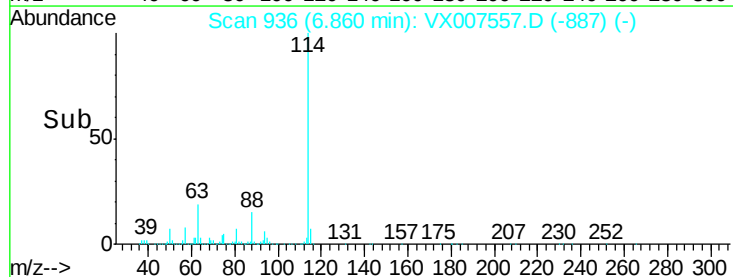
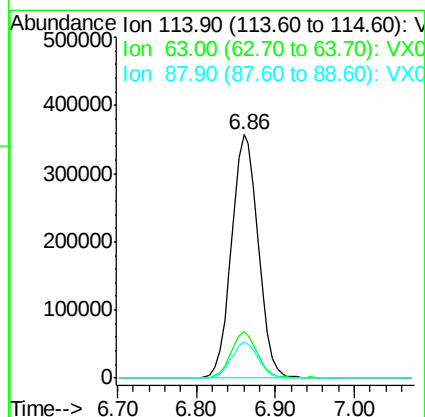
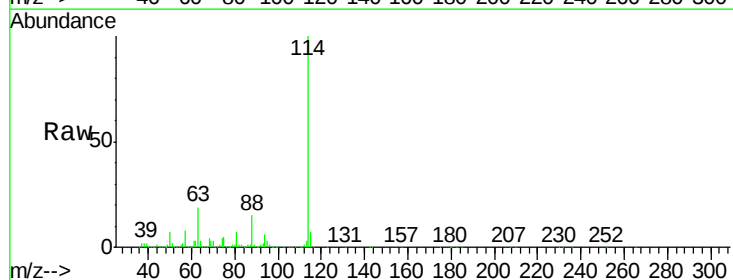
Instrument :
 MSVOA_X
 ClientSampleId :

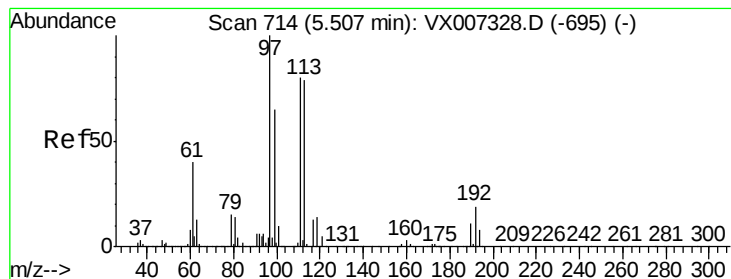
Tot Ion: 65 Resp: 288364
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 108.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007557.D
 Acq: 14 Feb 2019 20:21

Tgt Ion: 114 Resp: 840297
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 35.6
 88 14.8 0.0 29.6





#35

Dibromofluoromethane

Concen: 48.727 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX007557.D

Acq: 14 Feb 2019 20:21

Instrument :
MSVOA_X
ClientSampleId :

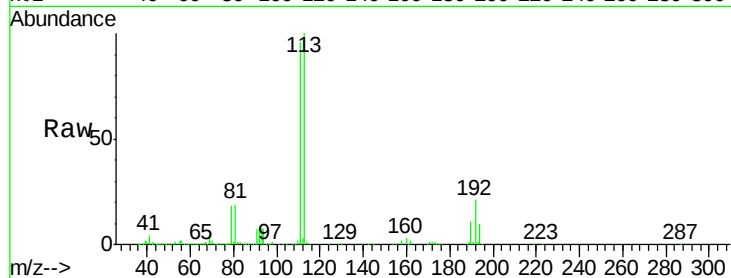
Tot Ion:113 Resp: 266413

Ion Ratio Lower Upper

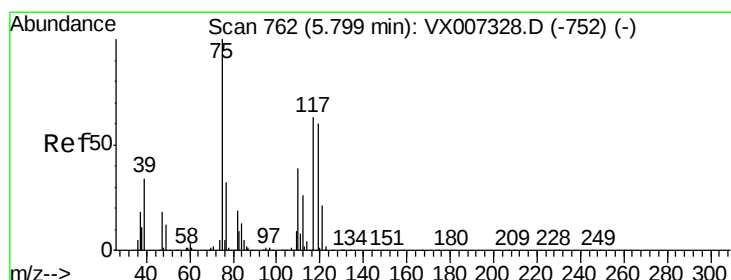
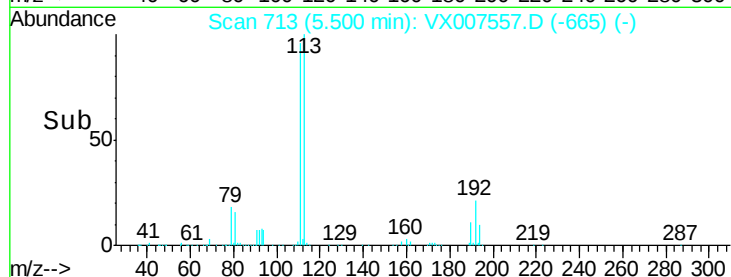
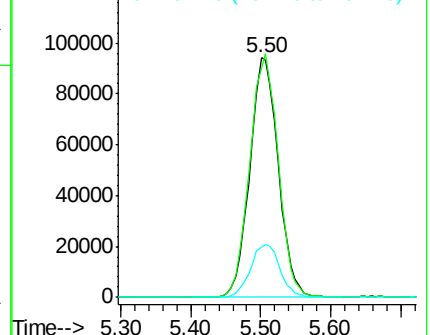
113 100

111 102.0 81.8 122.8

192 22.8 18.5 27.7



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



#36

1,1-Dichloropropene

Concen: 4.485 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX007557.D

Acq: 14 Feb 2019 20:21

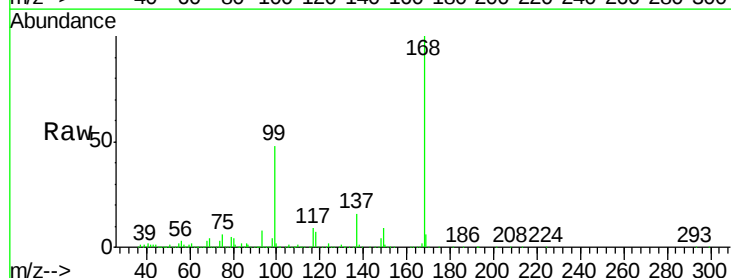
Tgt Ion: 75 Resp: 33811

Ion Ratio Lower Upper

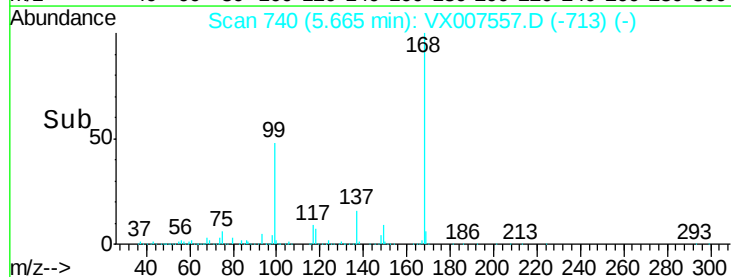
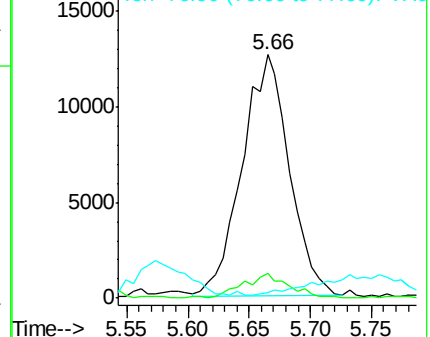
75 100

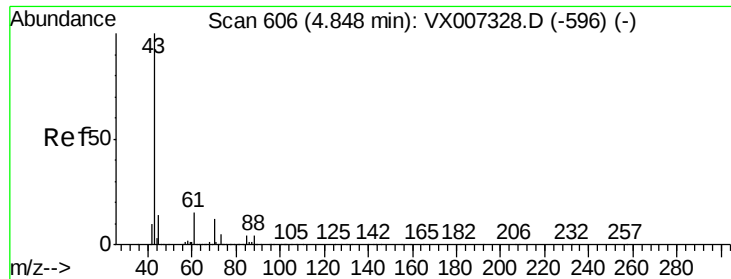
110 10.0 20.0 59.9#

77 0.0 24.7 37.1#



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

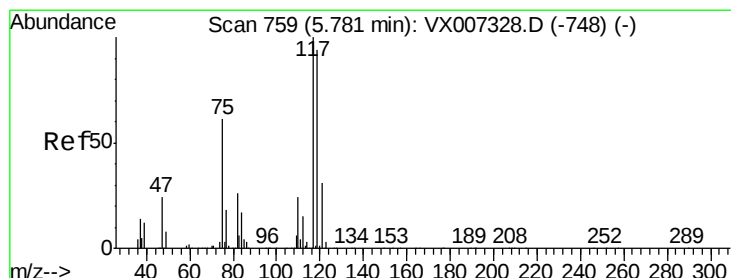
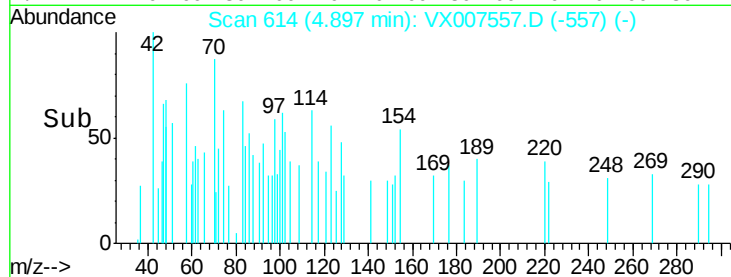
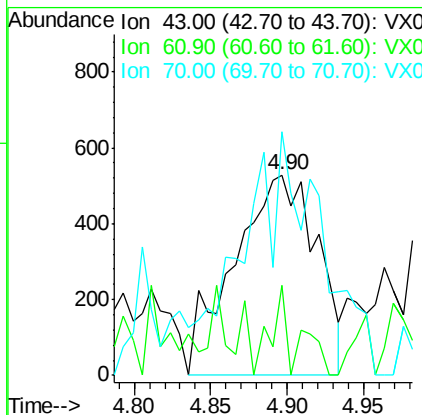
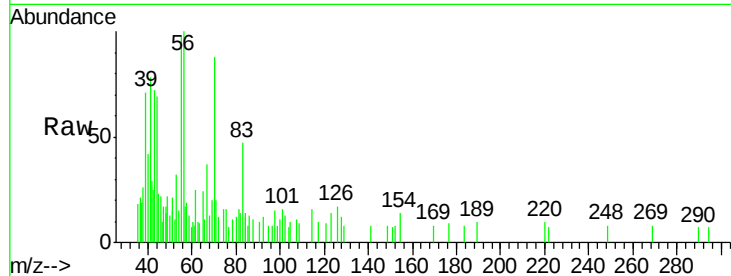




#37
Ethyl Acetate
Concen: 0.261 ug/l
RT: 4.90 min Scan# 614
Delta R.T. 0.05 min
Lab File: VX007557.D
Acq: 14 Feb 2019 20:21

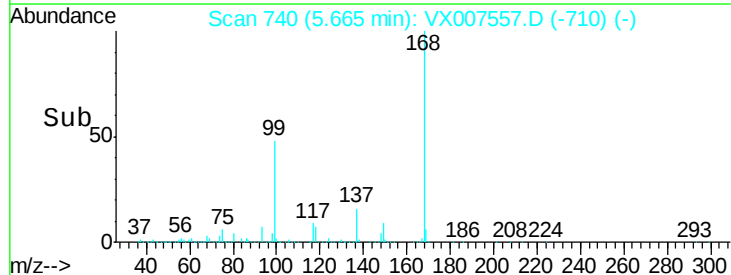
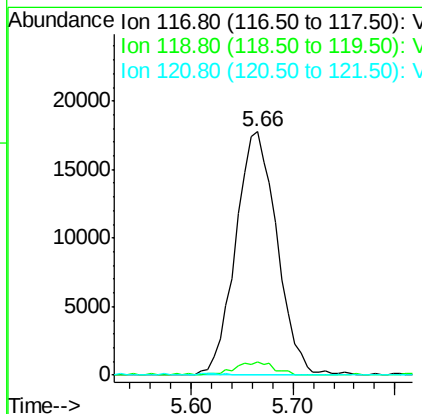
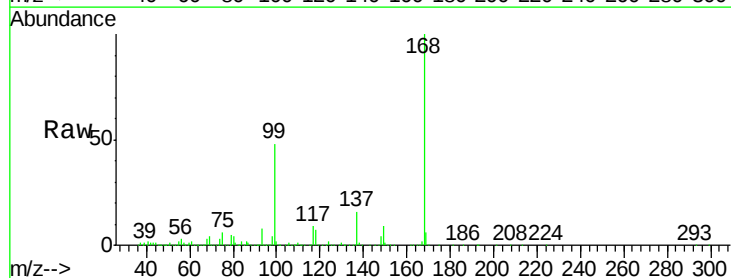
Instrument :
MSVOA_X
ClientSampled :

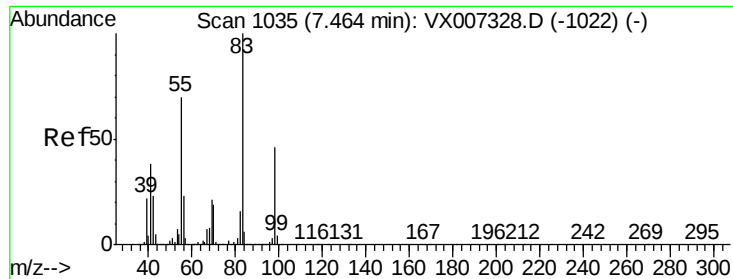
Tot Ion: 43 Resp: 1989
Ion Ratio Lower Upper
43 100
61 8.2 11.3 16.9#
70 0.0 8.6 13.0#



#38
Carbon Tetrachloride
Concen: 6.826 ug/l
RT: 5.66 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX007557.D
Acq: 14 Feb 2019 20:21

Tgt Ion: 117 Resp: 49929
Ion Ratio Lower Upper
117 100
119 5.5 75.3 112.9#
121 0.4 25.0 37.4#

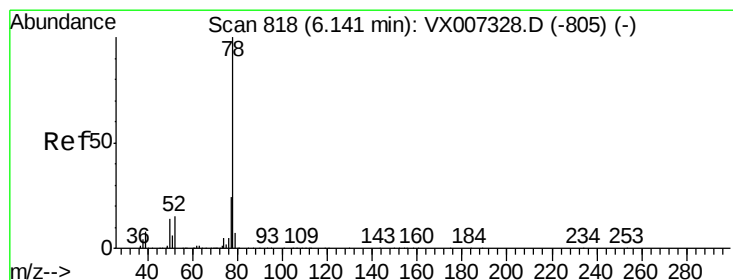
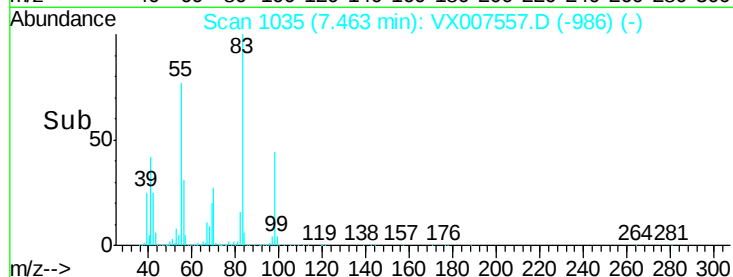
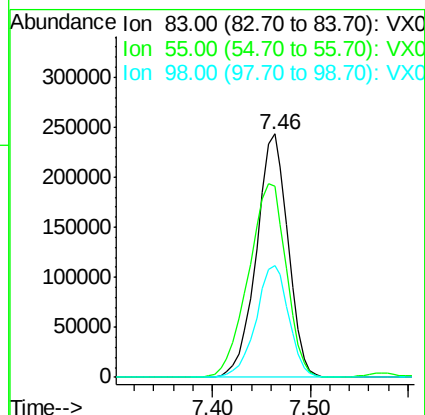
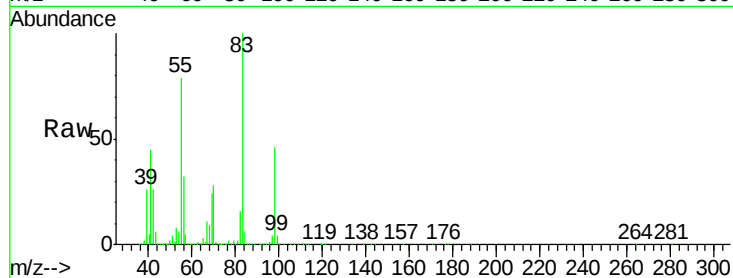




#39
Methvlcvclohexane
Concen: 59.533 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007557.D
Acq: 14 Feb 2019 20:21

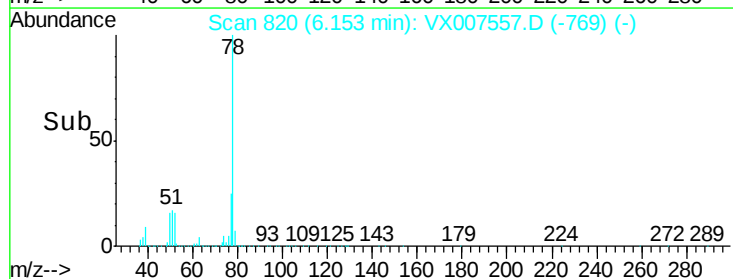
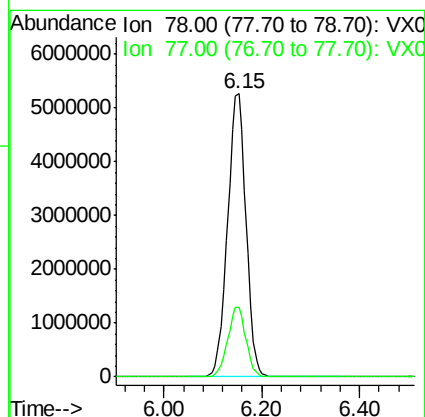
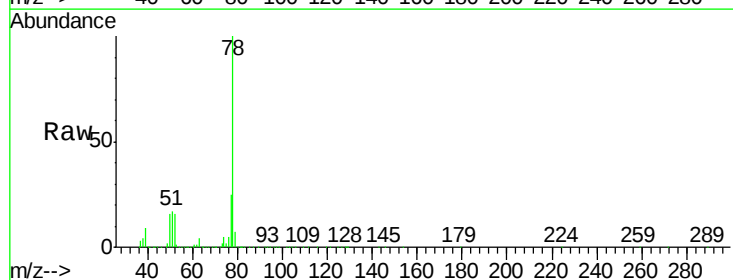
Instrument :
MSVOA_X
ClientSampleId :

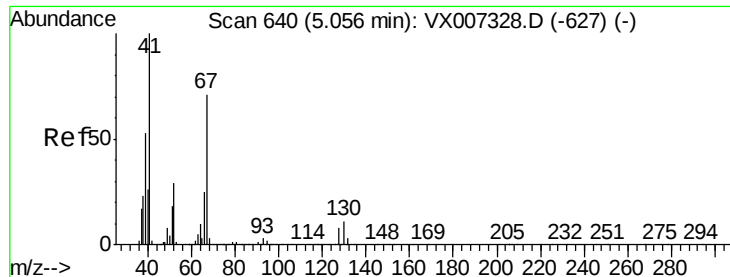
Tot Ion: 83 Resp: 543058
Ion Ratio Lower Upper
83 100
55 78.4 56.2 84.2
98 46.0 36.8 55.2



#40
Benzene
Concen: 618.445 ug/l
RT: 6.15 min Scan# 820
Delta R.T. 0.01 min
Lab File: VX007557.D
Acq: 14 Feb 2019 20:21

Tgt Ion: 78 Resp:13735060
Ion Ratio Lower Upper
78 100
77 24.6 19.3 28.9





#41

Methacrylonitrile

Concen: 0.760 ug/l

RT: 5.06 min Scan# 641

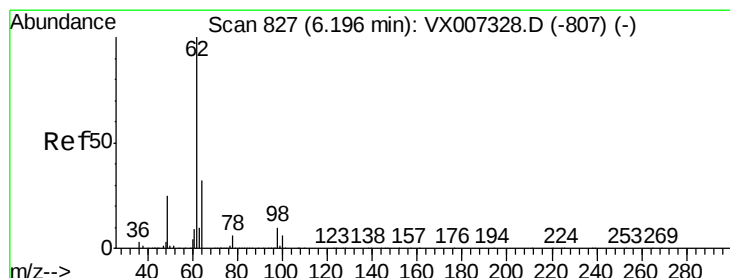
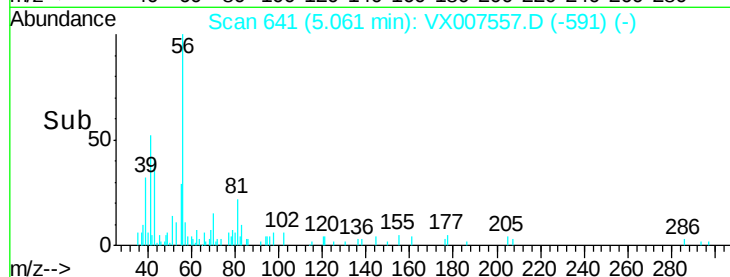
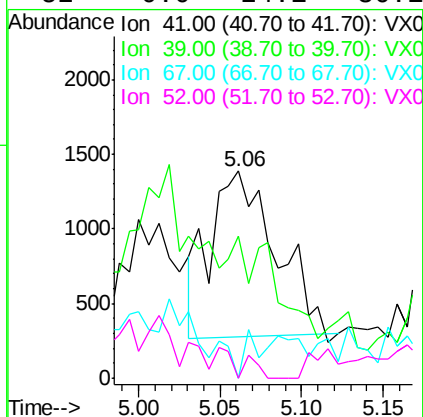
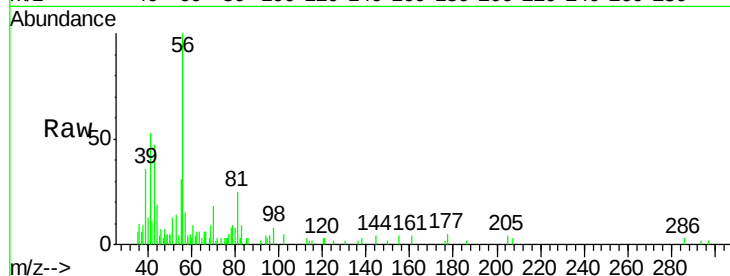
Delta R.T. 0.01 min

Lab File: VX007557.D

Acq: 14 Feb 2019 20:21

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	3105
Ion	Ratio	Lower	Upper
41	100		
39	0.0	44.5	66.7#
67	0.0	60.4	90.6#
52	0.0	24.1	36.1#



#42

1,2-Dichloroethane

Concen: 15.875 ug/l

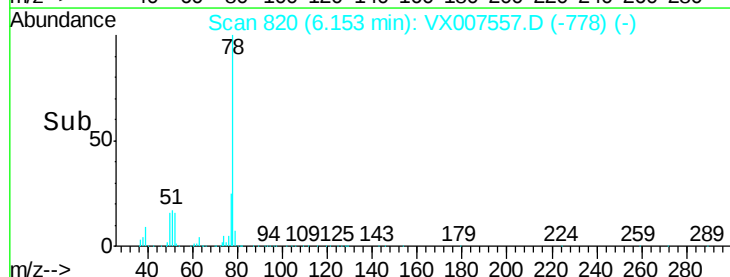
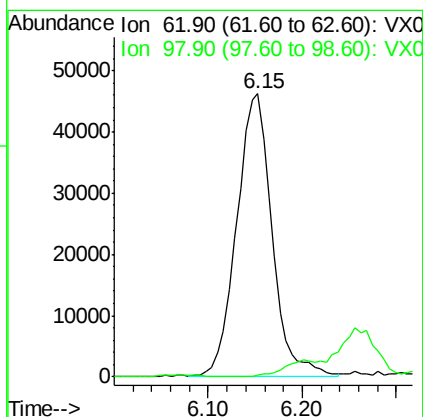
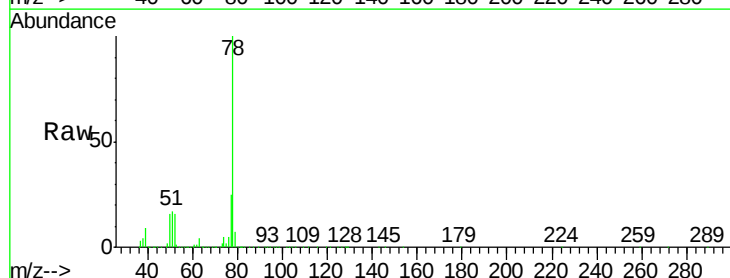
RT: 6.15 min Scan# 820

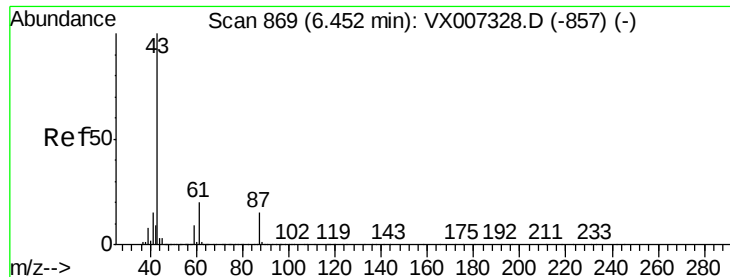
Delta R.T. -0.04 min

Lab File: VX007557.D

Acq: 14 Feb 2019 20:21

Tgt Ion:	62	Resp:	121983
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	19.0





#43

Isopropyl Acetate

Concen: 1.706 ug/l

RT: 6.45 min Scan# 869

Delta R.T. -0.00 min

Lab File: VX007557.D

Acq: 14 Feb 2019 20:21

Instrument :
MSVOA_X
ClientSampleId :

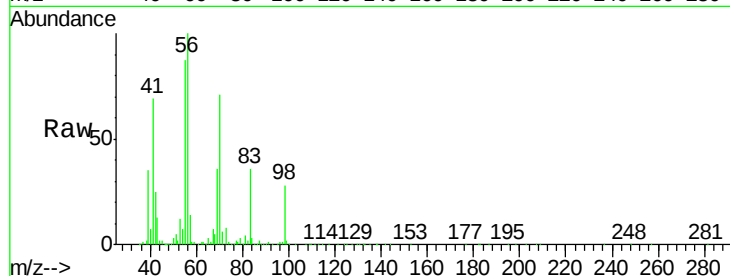
Tot Ion: 43 Resp: 20072

Ion Ratio Lower Upper

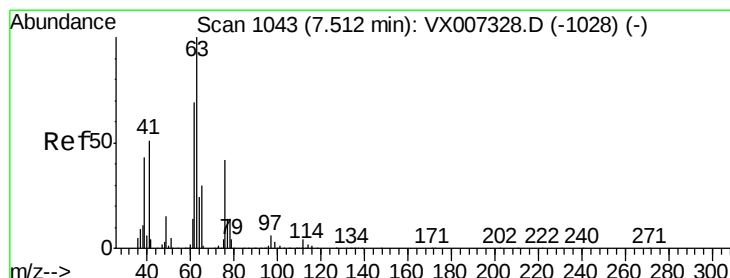
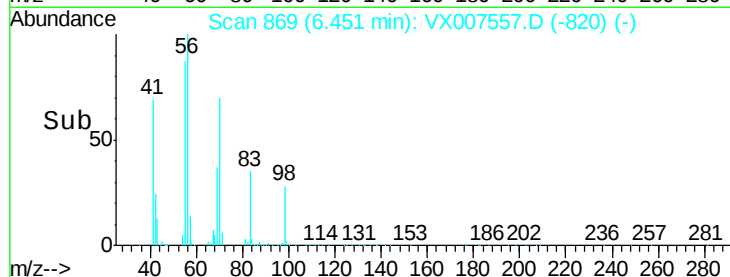
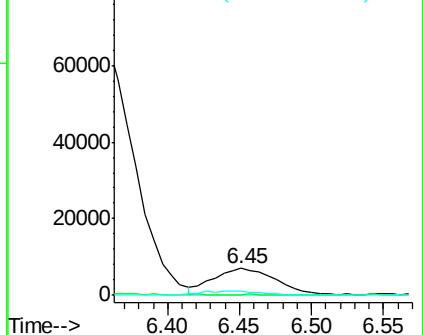
43 100

61 0.0 16.1 24.1#

87 17.6 11.5 17.3#



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: 1.247 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. -0.06 min

Lab File: VX007557.D

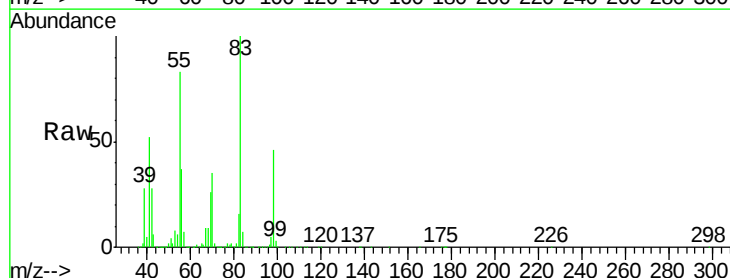
Acq: 14 Feb 2019 20:21

Tgt Ion: 63 Resp: 6941

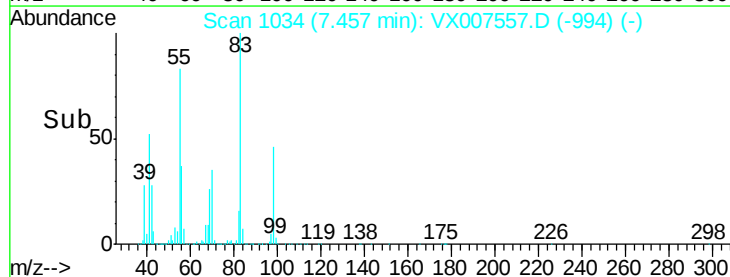
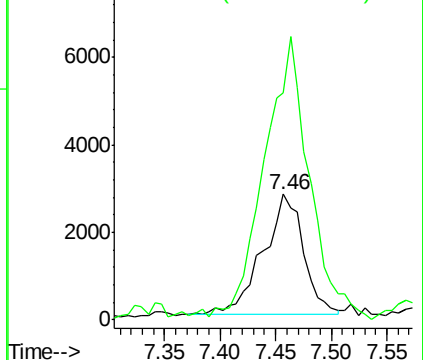
Ion Ratio Lower Upper

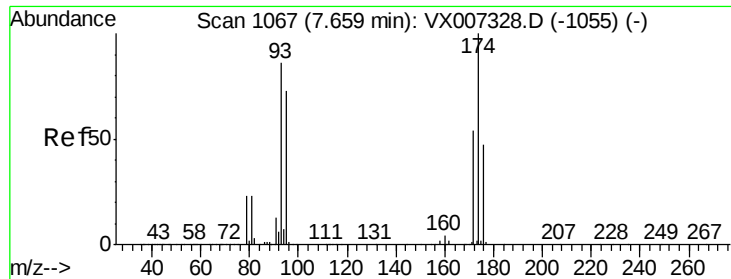
63 100

65 185.7 24.2 36.2#



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 64.90 (64.60 to 65.60): VX0





#46

Dibromomethane

Concen: 0.519 ug/l

RT: 7.63 min Scan# 1063

Delta R.T. -0.02 min

Lab File: VX007557.D

Acq: 14 Feb 2019 20:21

Instrument :

MSVOA_X

ClientSampleId :

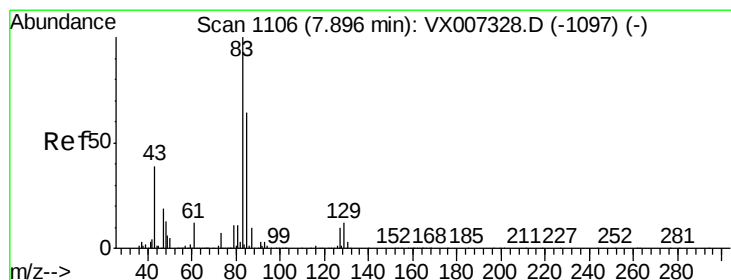
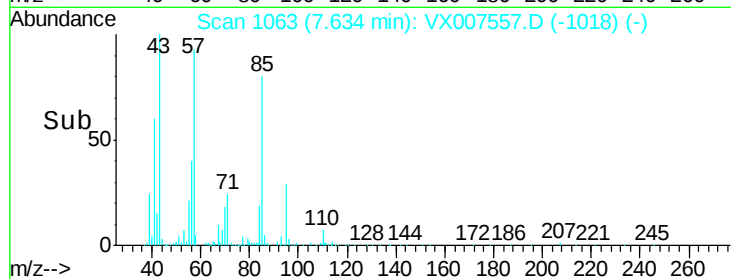
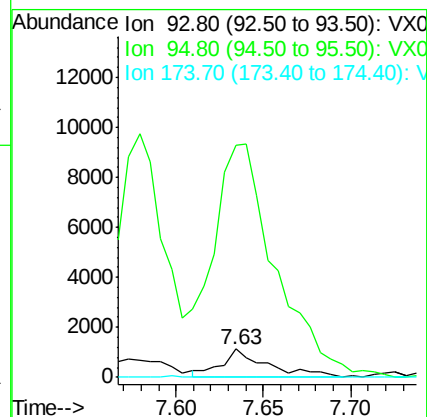
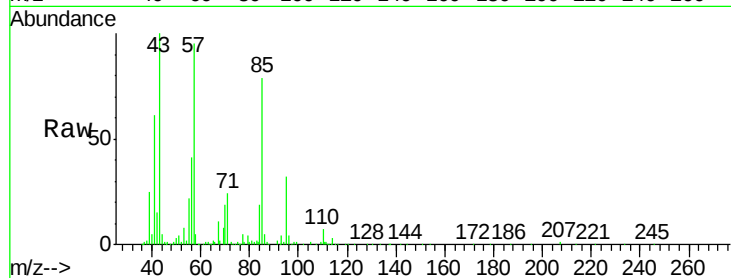
Tot Ion: 93 Resp: 2101

Ion Ratio Lower Upper

93 100

95 1083.5 67.6 101.4#

174 0.0 94.2 141.4#



#47

Bromodichloromethane

Concen: 0.812 ug/l

RT: 7.84 min Scan# 1097

Delta R.T. -0.06 min

Lab File: VX007557.D

Acq: 14 Feb 2019 20:21

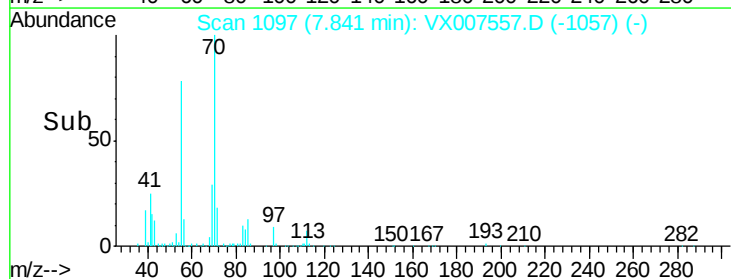
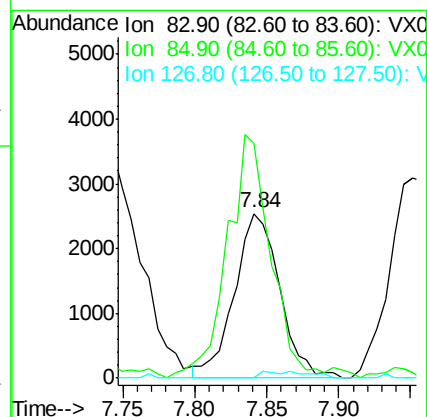
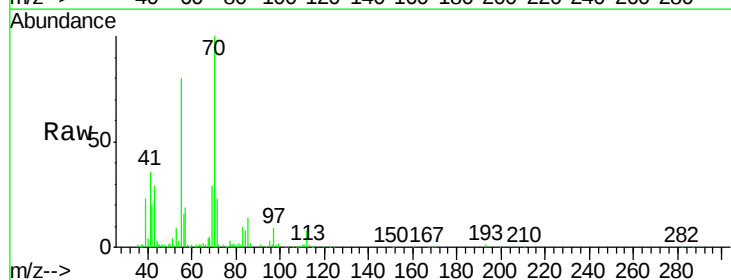
Tgt Ion: 83 Resp: 5563

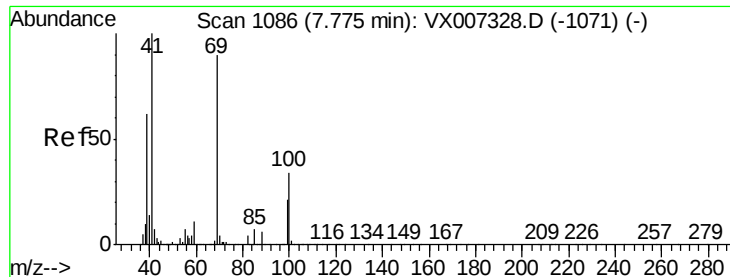
Ion Ratio Lower Upper

83 100

85 137.7 51.4 77.0#

127 0.0 8.1 12.1#





#48

Methvl methacrylate

Concen: 10.844 ug/l

RT: 7.73 min Scan# 1079

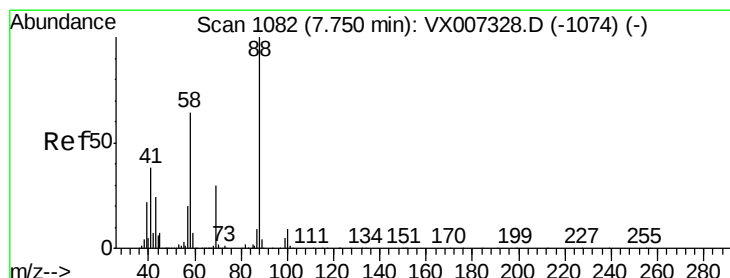
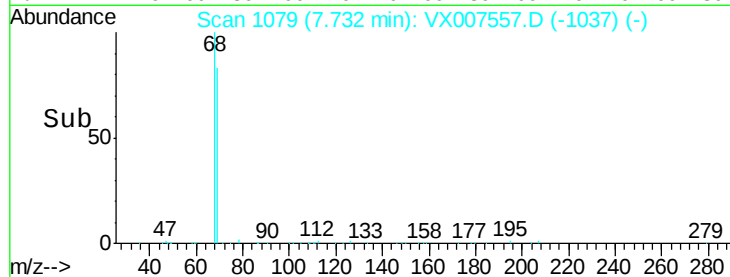
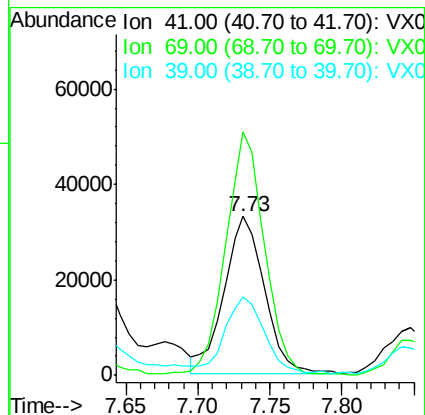
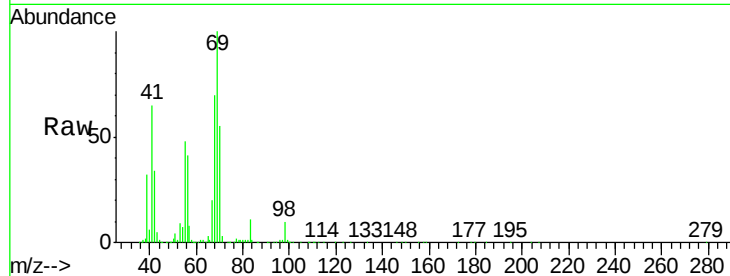
Delta R.T. -0.04 min

Lab File: VX007557.D

Acq: 14 Feb 2019 20:21

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	63810
Ion	Ratio	Lower	Upper
41	100		
69	148.9	70.2	105.4#
39	46.7	47.4	71.0#



#49

1,4-Dioxane

Concen: 8.556 ug/l

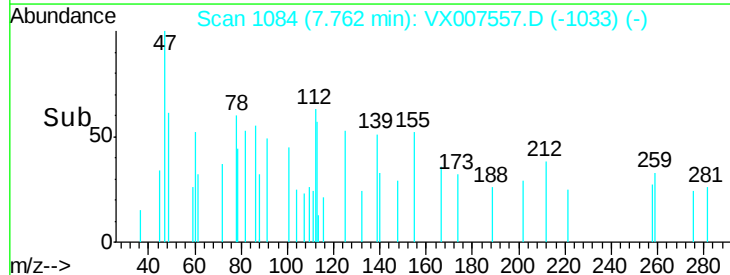
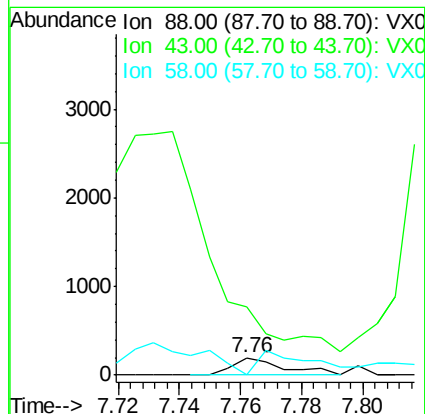
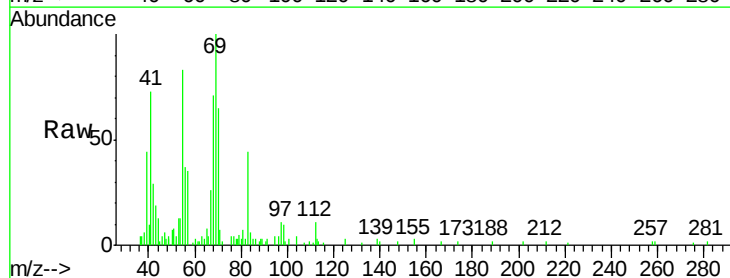
RT: 7.76 min Scan# 1084

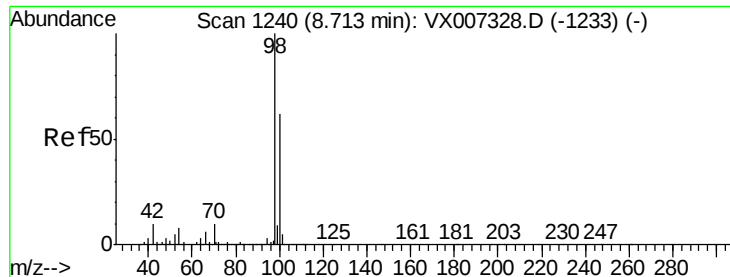
Delta R.T. 0.01 min

Lab File: VX007557.D

Acq: 14 Feb 2019 20:21

Tgt Ion:	88	Resp:	226
Ion	Ratio	Lower	Upper
88	100		
43	0.0	24.2	36.4#
58	158.0	53.0	79.4#





#50

Toluene-d8

Concen: 51.029 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007557.D

Acq: 14 Feb 2019 20:21

Instrument :

MSVOA_X

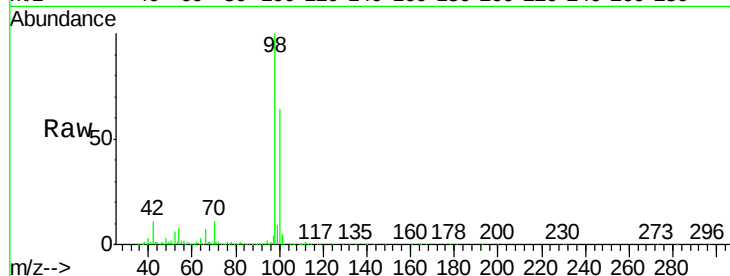
ClientSampleId :

Tot Ion: 98 Resp: 1035145

Ion Ratio Lower Upper

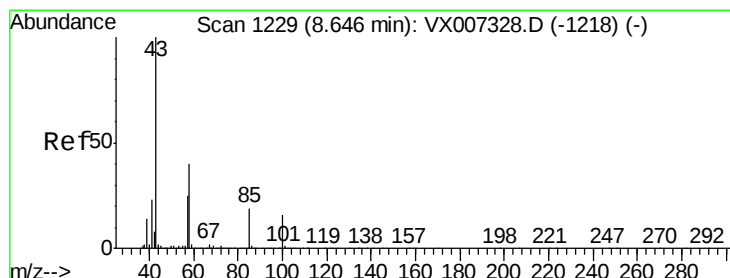
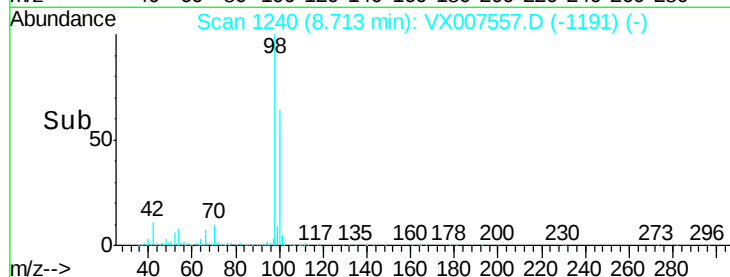
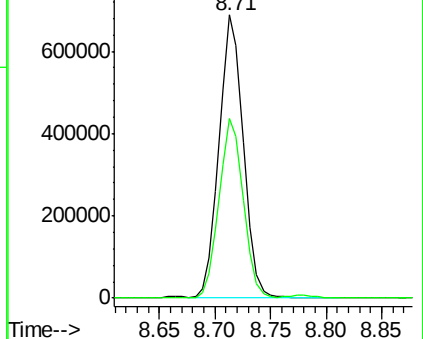
98 100

100 63.5 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX007328.D (-1233) (-)

Ion 100.00 (99.70 to 100.70): VX007328.D (-1233) (-)



#51

4-Methyl-2-Pentanone

Concen: 3.746 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. 0.01 min

Lab File: VX007557.D

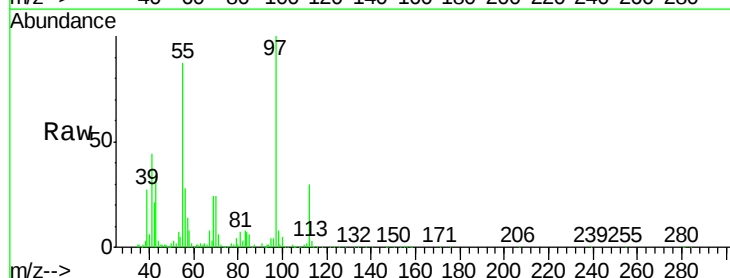
Acq: 14 Feb 2019 20:21

Tgt Ion: 43 Resp: 29013

Ion Ratio Lower Upper

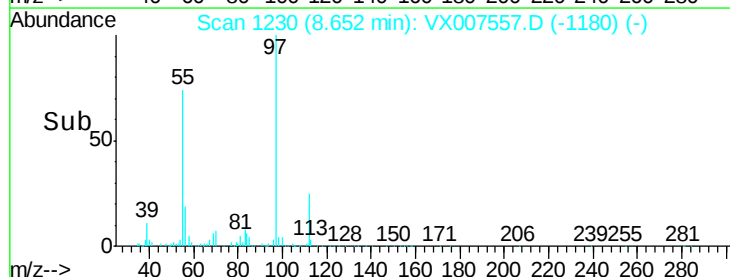
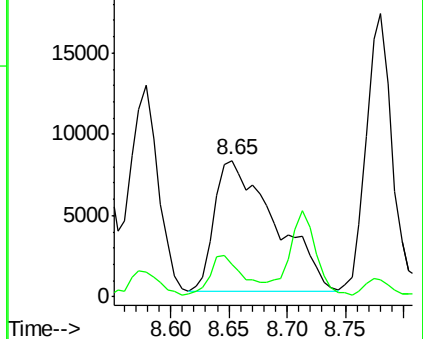
43 100

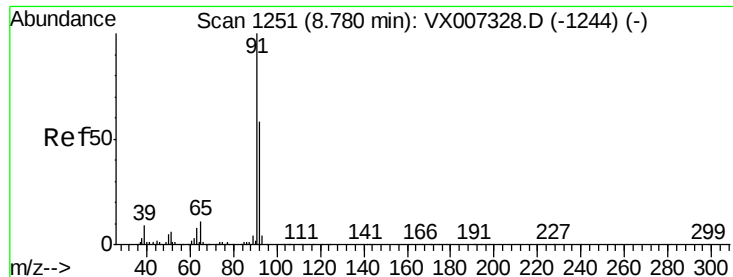
58 17.0 31.2 46.8#



Abundance Ion 43.00 (42.70 to 43.70): VX007328.D (-1218) (-)

Ion 58.00 (57.70 to 58.70): VX007328.D (-1218) (-)





#52

Toluene

Concen: 2.757 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX007557.D

Acq: 14 Feb 2019 20:21

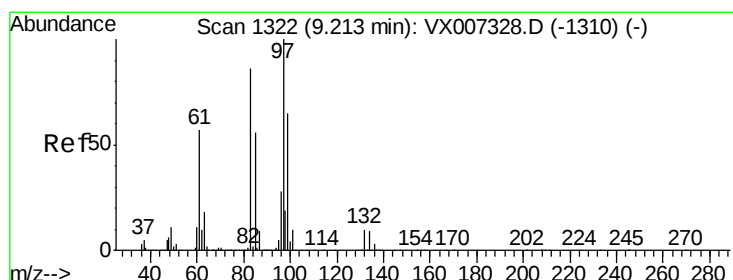
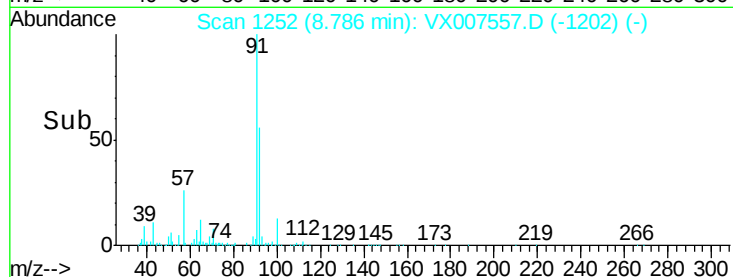
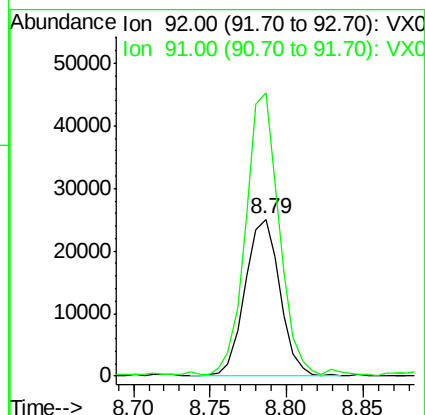
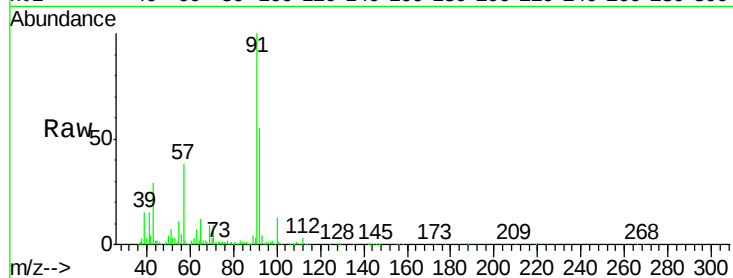
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 92 Resp: 39504

Ion Ratio Lower Upper

92 100

91 170.9 139.1 208.7



#55

1,1,2-Trichloroethane

Concen: 14.753 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX007557.D

Acq: 14 Feb 2019 20:21

Tgt Ion: 97 Resp: 88116

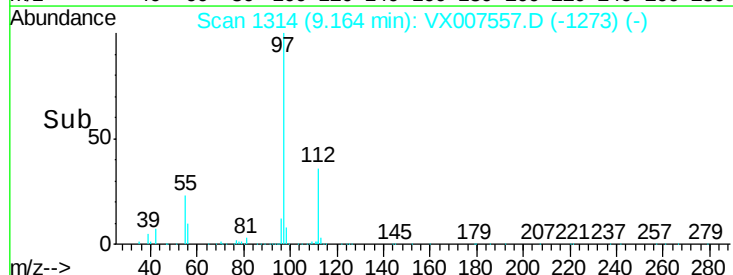
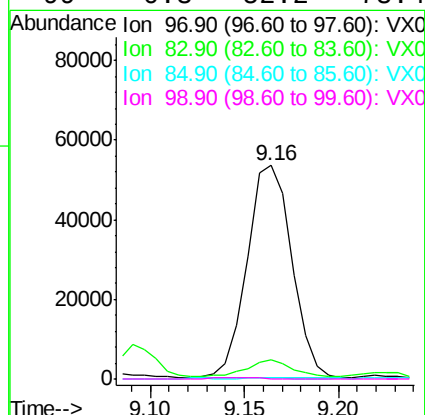
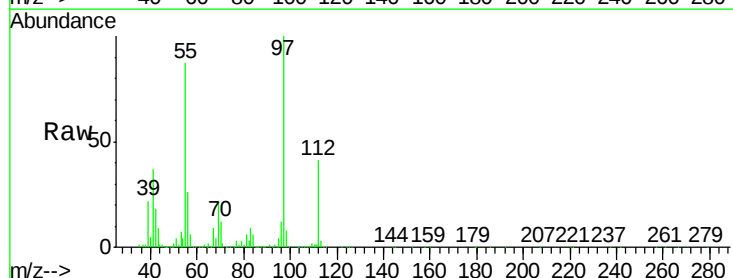
Ion Ratio Lower Upper

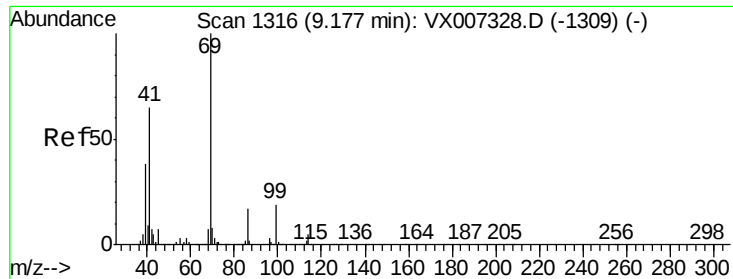
97 100

83 8.2 68.6 102.8#

85 0.1 44.5 66.7#

99 0.3 52.2 78.4#

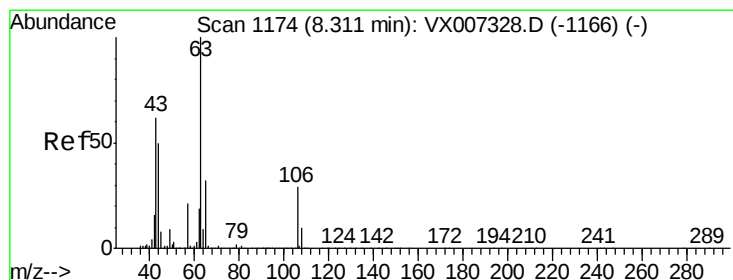
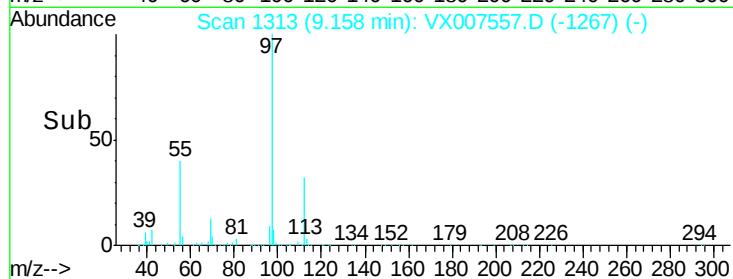
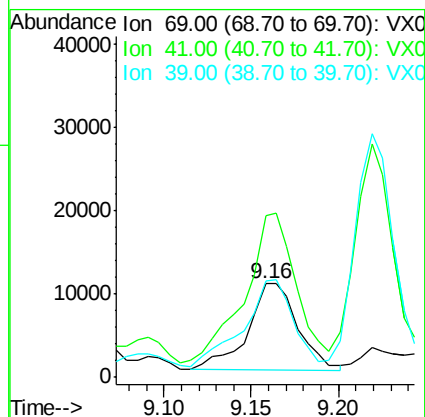
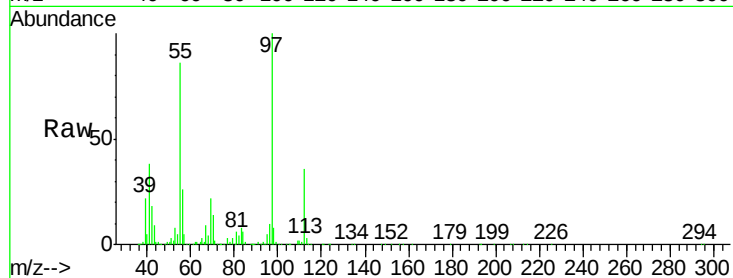




#56
Ethyl methacrylate
Concen: 2.480 ug/l
RT: 9.16 min Scan# 1313
Delta R.T. -0.02 min
Lab File: VX007557.D
Acq: 14 Feb 2019 20:21

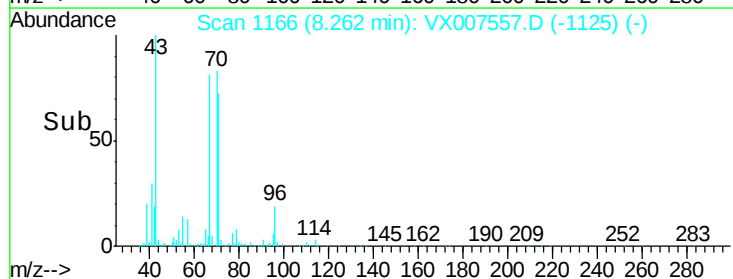
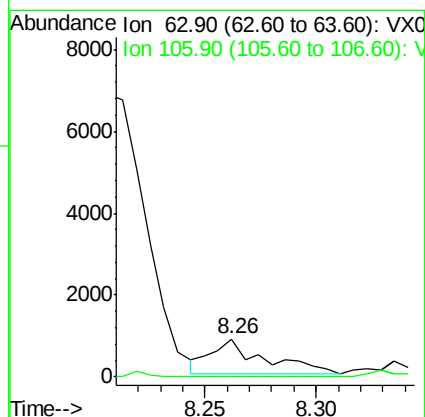
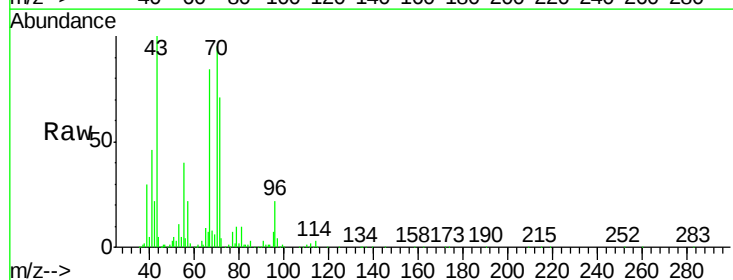
Instrument :
MSVOA_X
ClientSampleId :

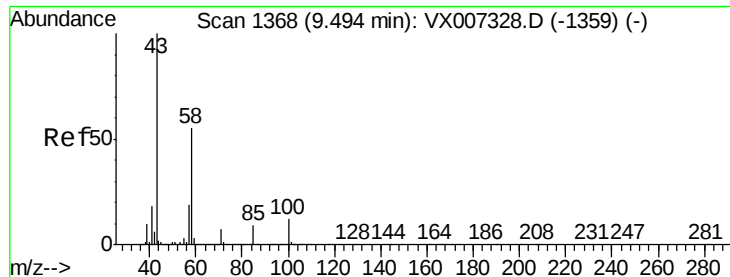
Tot Ion: 69 Resp: 20516
Ion Ratio Lower Upper
69 100
41 177.8 52.1 78.1#
39 98.6 30.1 45.1#



#58
2-Chloroethyl Vinyl ether
Concen: 0.313 ug/l
RT: 8.26 min Scan# 1166
Delta R.T. -0.05 min
Lab File: VX007557.D
Acq: 14 Feb 2019 20:21

Tgt Ion: 63 Resp: 1366
Ion Ratio Lower Upper
63 100
106 0.0 23.6 35.4#

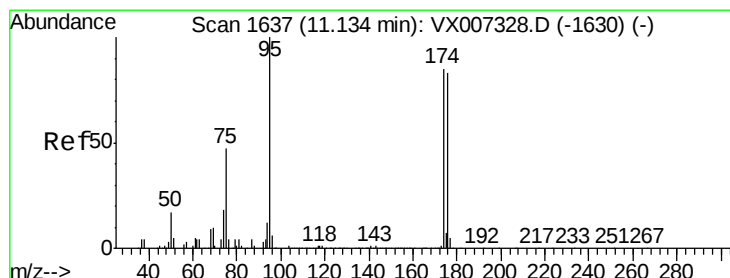
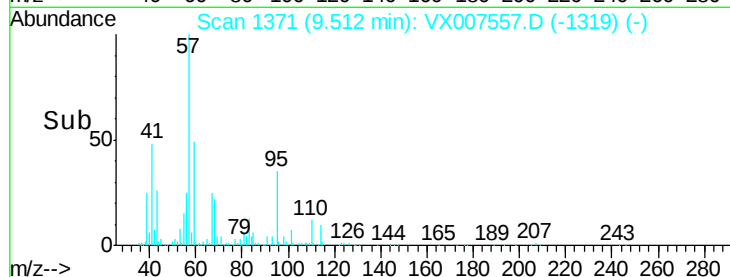
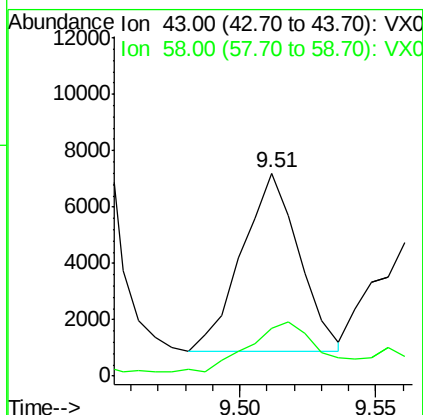
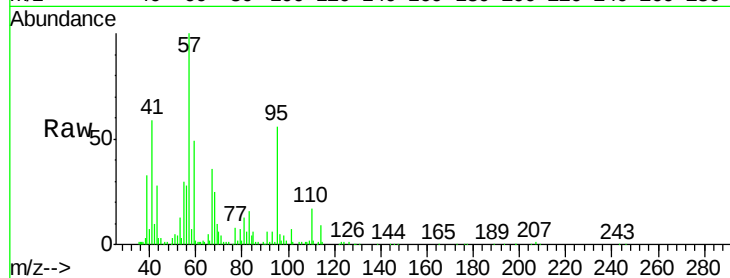




#59
2-Hexanone
Concen: 1.524 ug/l
RT: 9.51 min Scan# 1371
Delta R.T. 0.02 min
Lab File: VX007557.D
Acq: 14 Feb 2019 20:21

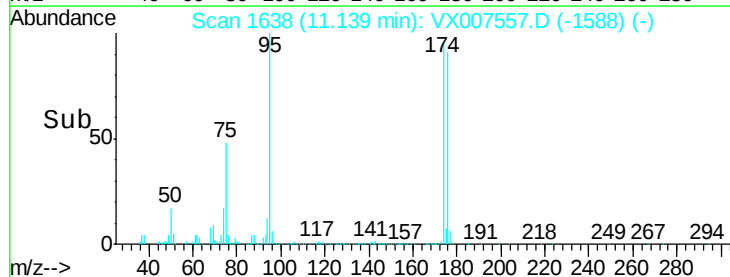
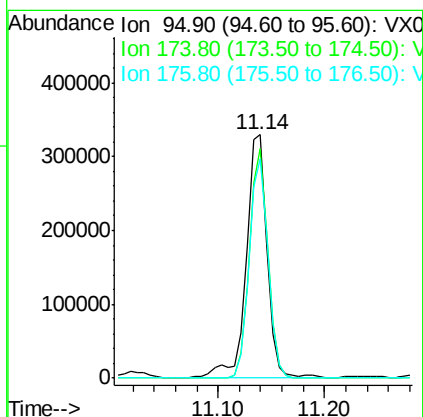
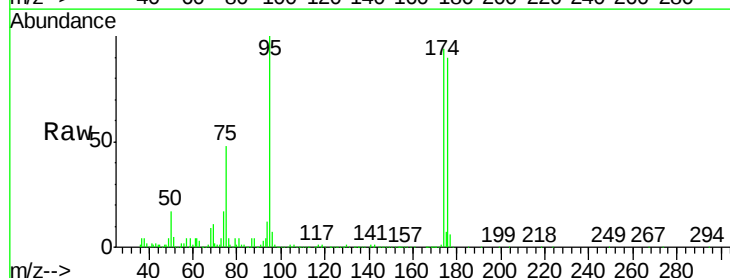
Instrument :
MSVOA_X
ClientSampled :

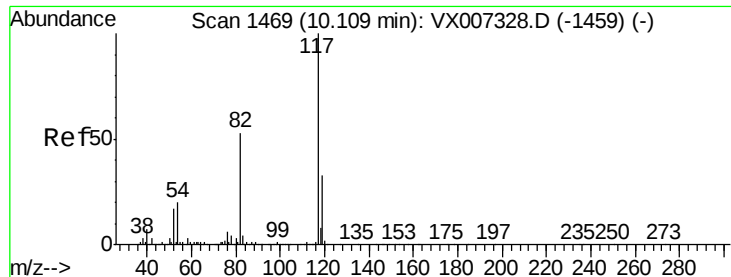
Tot Ion: 43 Resp: 9187
Ion Ratio Lower Upper
43 100
58 34.0 27.1 81.3



#62
4-Bromofluorobenzene
Concen: 60.546 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.01 min
Lab File: VX007557.D
Acq: 14 Feb 2019 20:21

Tgt Ion: 95 Resp: 448414
Ion Ratio Lower Upper
95 100
174 84.8 0.0 189.2
176 82.6 0.0 186.2

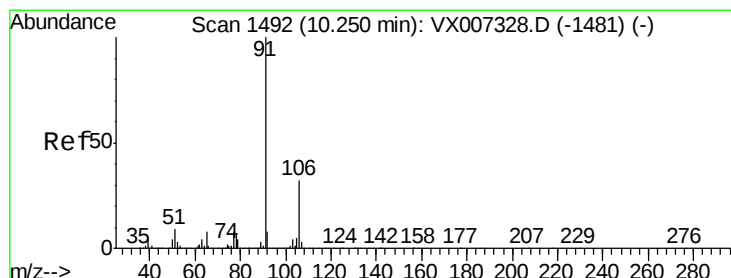
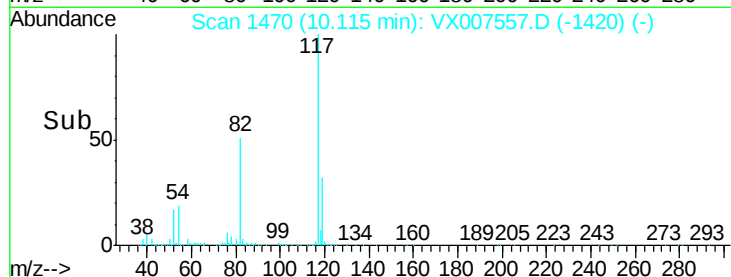
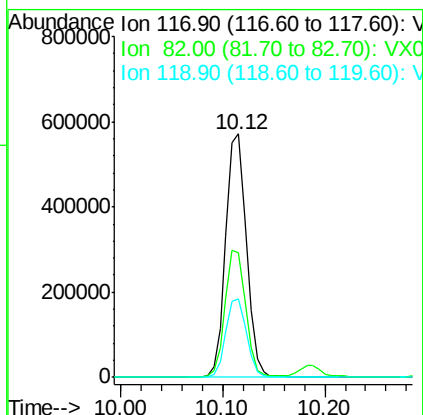
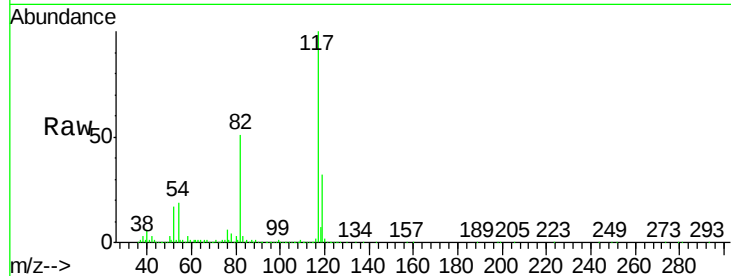




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007557.D
Acq: 14 Feb 2019 20:21

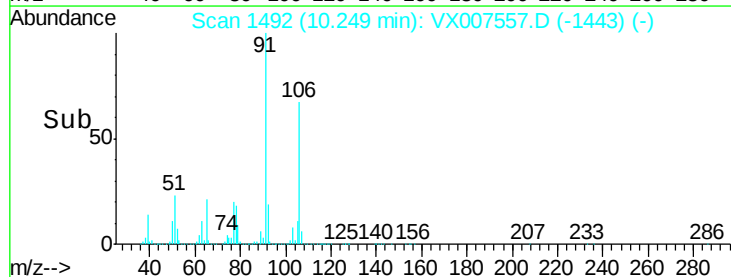
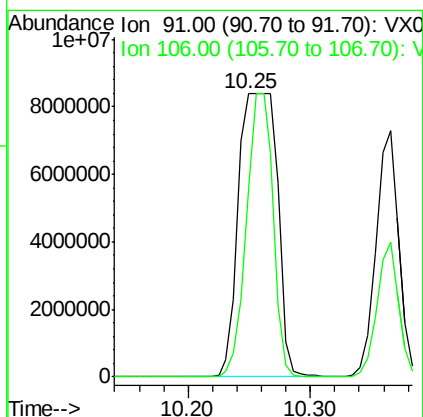
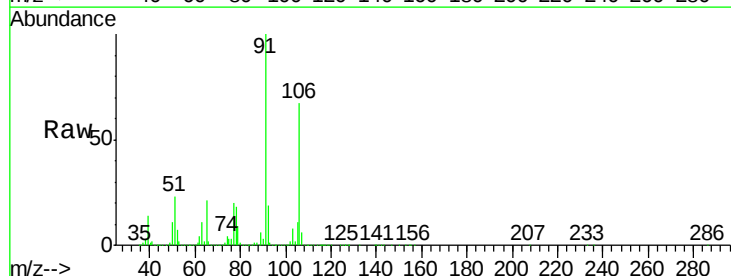
Instrument :
MSVOA_X
ClientSampleId :

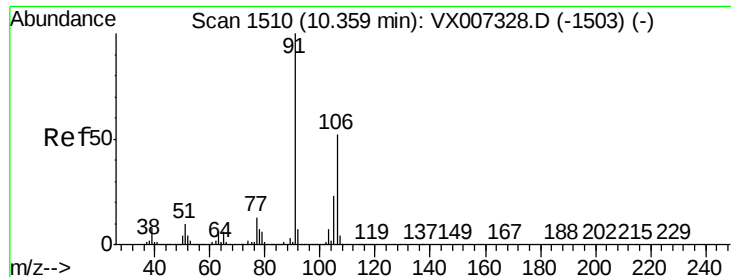
Tot Ion:117 Resp: 805034
Ion Ratio Lower Upper
117 100
82 50.9 42.1 63.1
119 32.5 26.5 39.7



#67
Ethyl Benzene
Concen: 654.112 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX007557.D
Acq: 14 Feb 2019 20:21

Tgt Ion: 91 Resp:18504939
Ion Ratio Lower Upper
91 100
106 66.7 25.4 38.0#

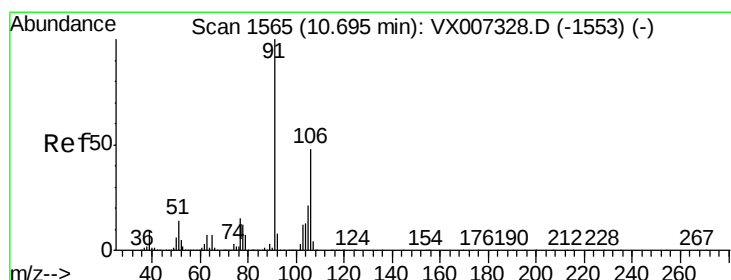
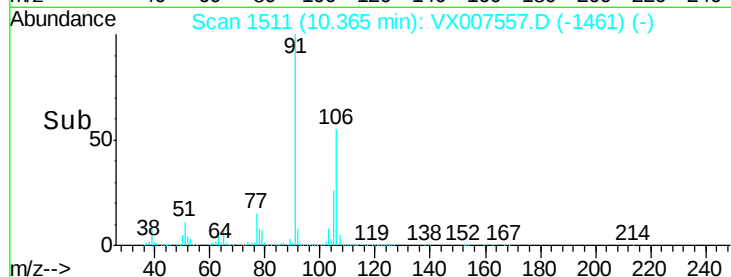
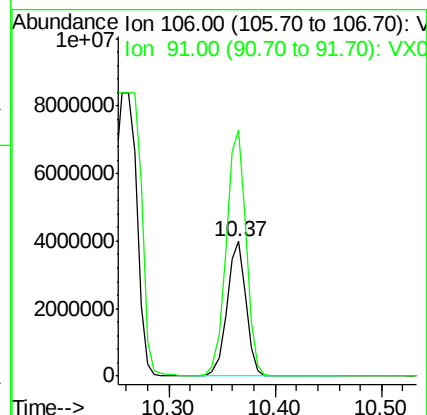
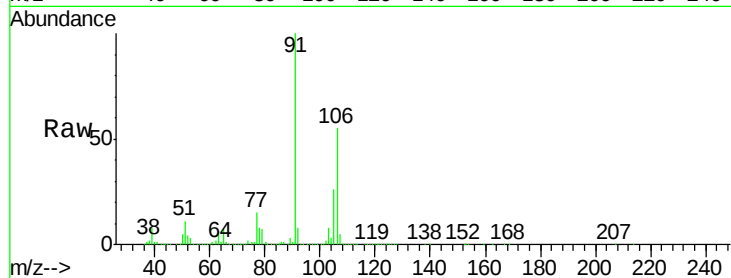




#68
m/p-Xylenes
Concen: 439.149 ug/l
RT: 10.37 min Scan# 1511
Delta R.T. 0.01 min
Lab File: VX007557.D
Acq: 14 Feb 2019 20:21

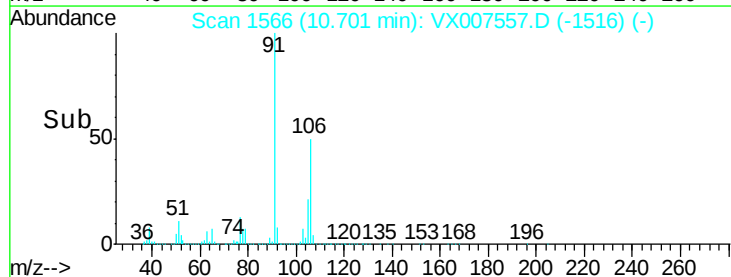
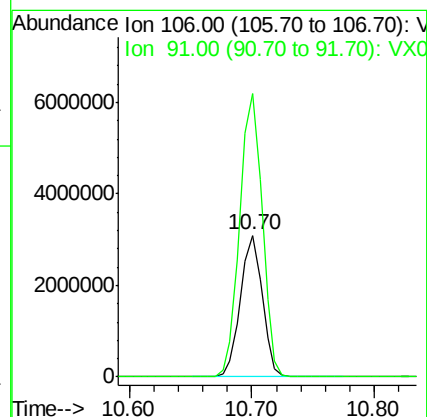
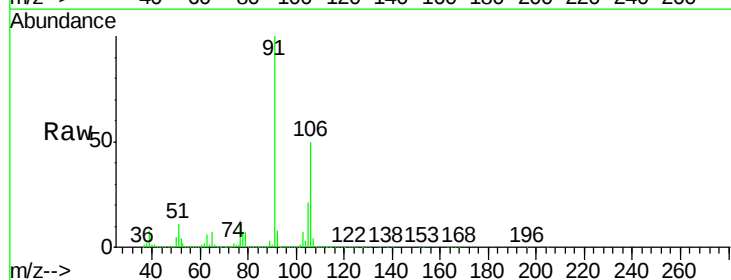
Instrument :
MSVOA_X
ClientSampleId :

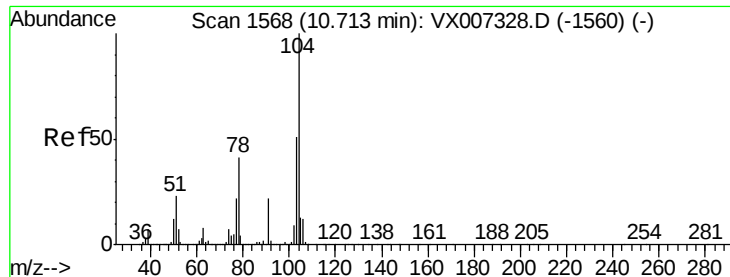
Tot Ion:106 Resp: 4938539
Ion Ratio Lower Upper
106 100
91 191.2 156.6 234.8



#69
o-Xylene
Concen: 351.972 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX007557.D
Acq: 14 Feb 2019 20:21

Tgt Ion:106 Resp: 3808750
Ion Ratio Lower Upper
106 100
91 206.0 102.9 308.7





#70

Stvrene

Concen: 11.968 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. -0.01 min

Lab File: VX007557.D

Acq: 14 Feb 2019 20:21

Instrument :

MSVOA_X

ClientSampleId :

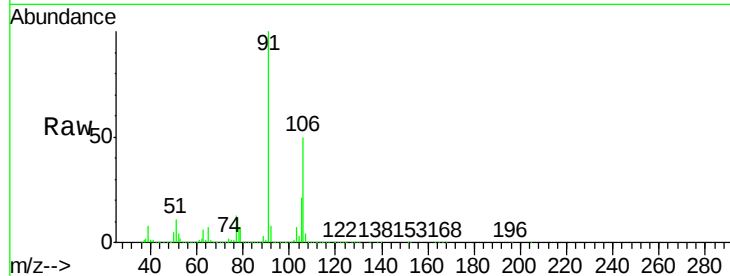
Tot Ion:104 Resp: 210034

Ion Ratio Lower Upper

104 100

78 269.1 38.3 57.5#

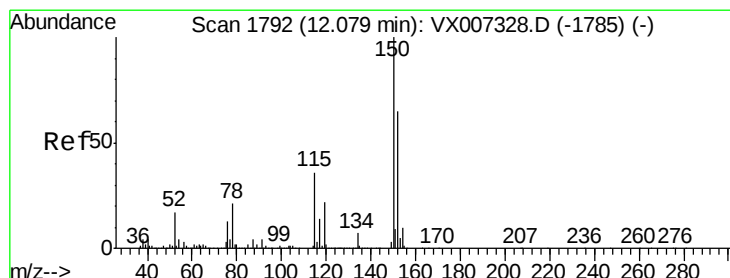
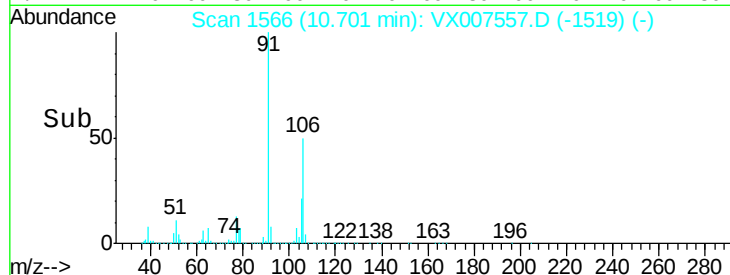
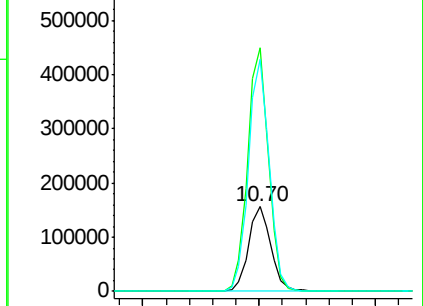
103 256.5 44.6 67.0#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007557.D

Acq: 14 Feb 2019 20:21

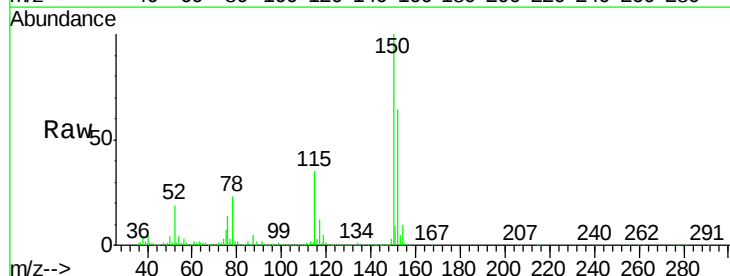
Tgt Ion:152 Resp: 461809

Ion Ratio Lower Upper

152 100

115 57.7 38.0 114.0

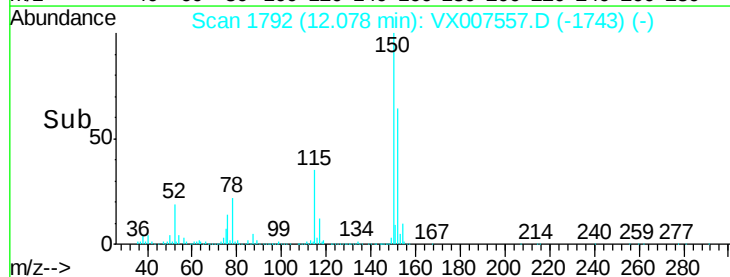
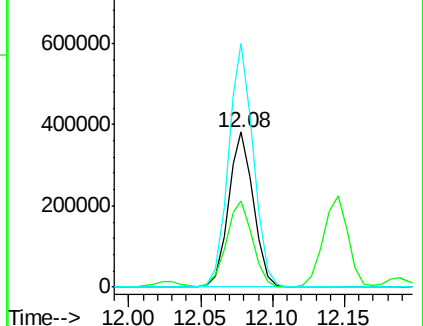
150 156.9 0.0 346.4

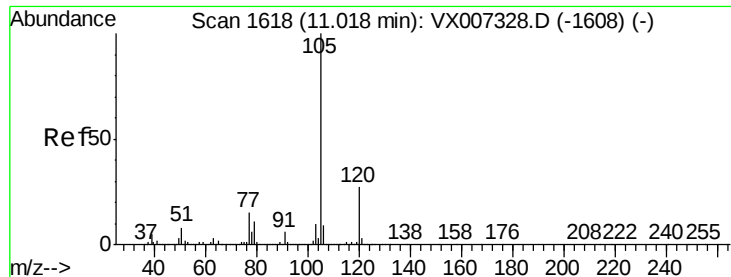


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 320.627 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007557.D

Acq: 14 Feb 2019 20:21

Instrument :

MSVOA_X

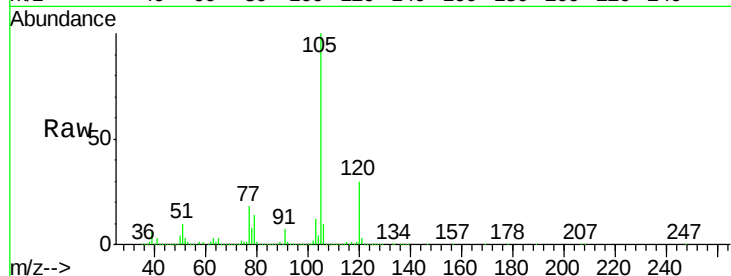
ClientSampled :

Tot Ion:105 Resp:10062038

Ion Ratio Lower Upper

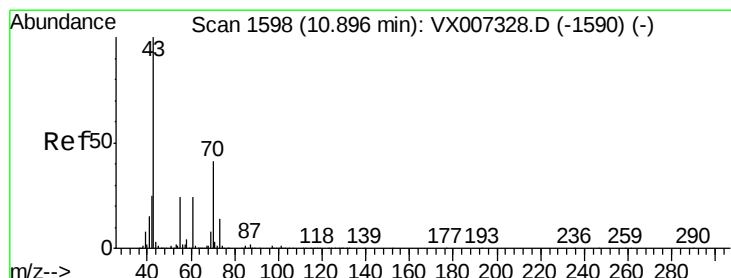
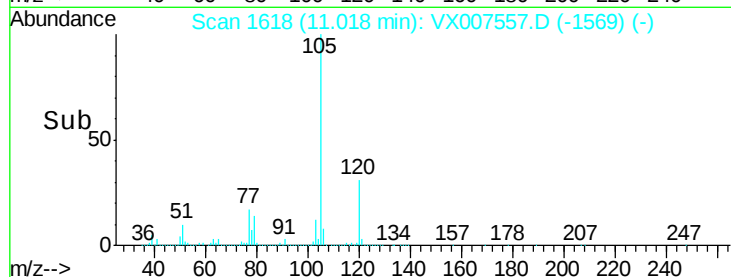
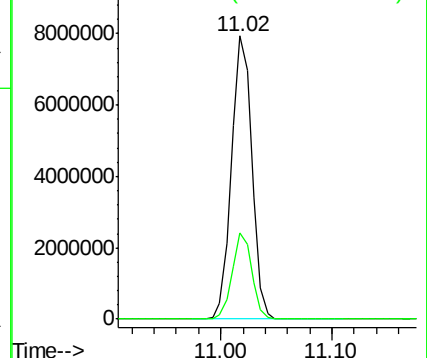
105 100

120 29.0 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 0.469 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.01 min

Lab File: VX007557.D

Acq: 14 Feb 2019 20:21

Tgt Ion: 43 Resp: 5688

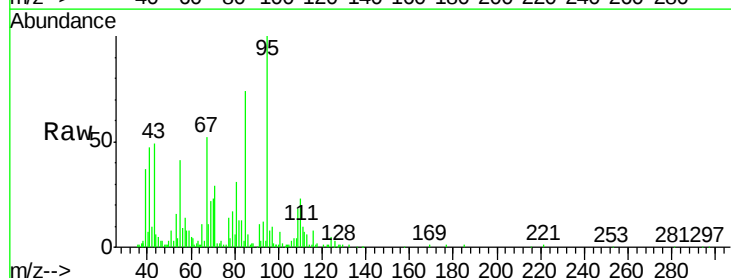
Ion Ratio Lower Upper

43 100

70 66.2 33.8 50.6#

55 123.8 19.5 29.3#

61 0.0 19.4 29.2#

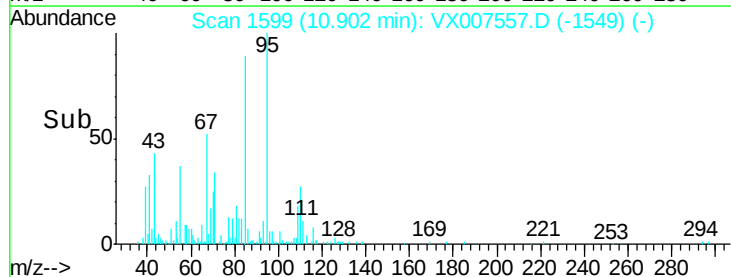
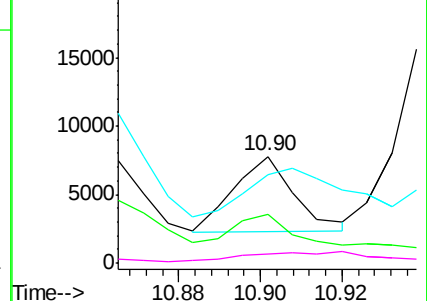


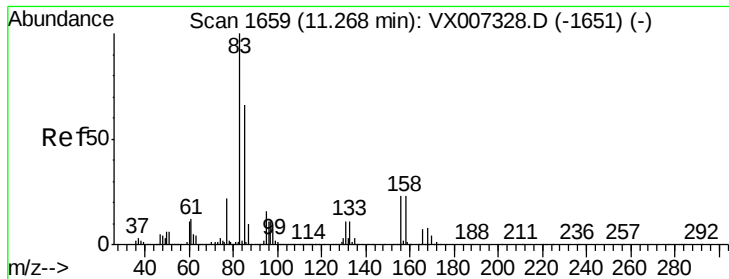
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 0.390 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.13 min

Lab File: VX007557.D

Acq: 14 Feb 2019 20:21

Instrument :

MSVOA_X

ClientSampleId :

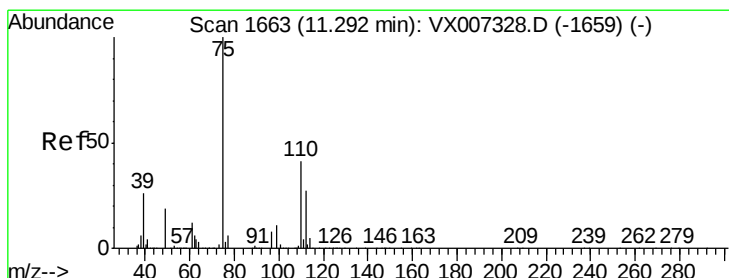
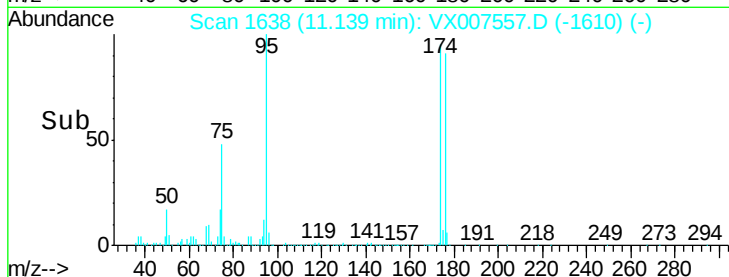
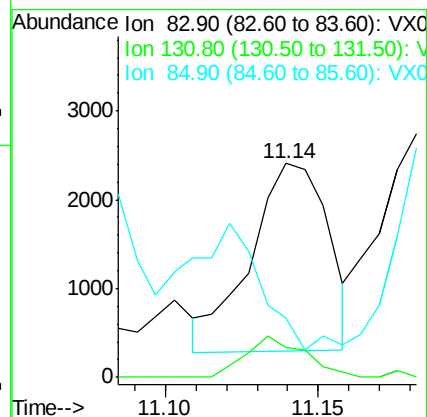
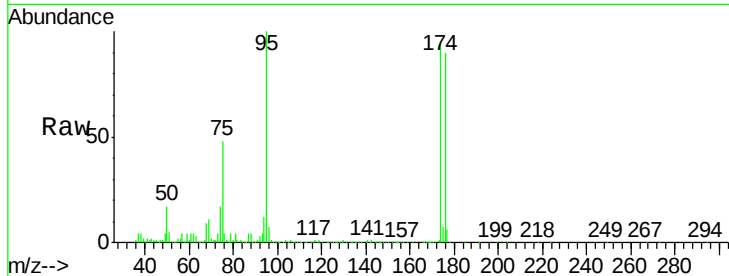
Tot Ion: 83 Resp: 3734

Ion Ratio Lower Upper

83 100

131 16.7 5.7 17.0

85 58.4 32.8 98.3



#76

1,2,3-Trichloropropane

Concen: 9.484 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.07 min

Lab File: VX007557.D

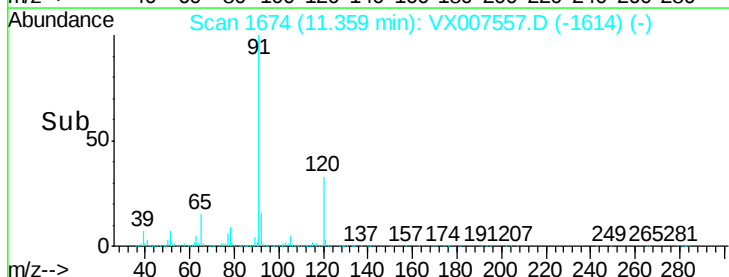
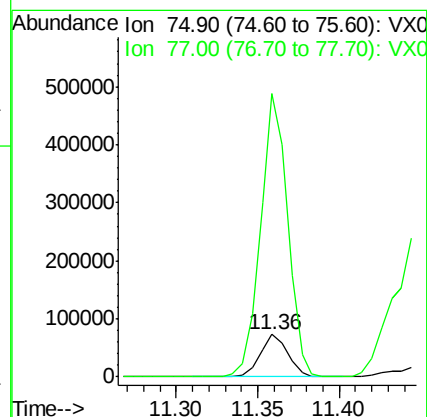
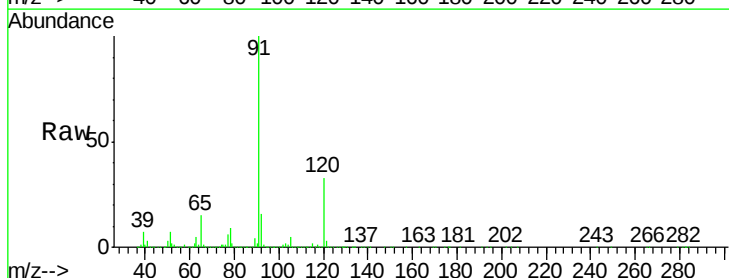
Acq: 14 Feb 2019 20:21

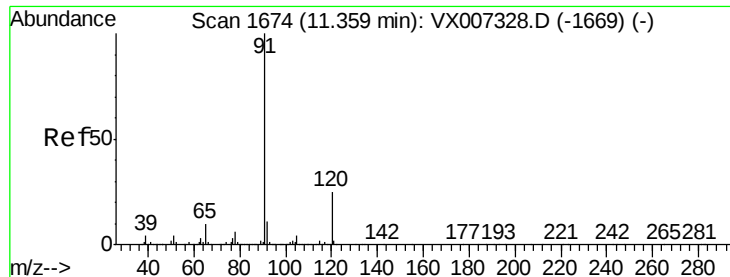
Tgt Ion: 75 Resp: 85196

Ion Ratio Lower Upper

75 100

77 660.1 23.0 69.0#





#78

n-propylbenzene

Concen: 345.212 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007557.D

Acq: 14 Feb 2019 20:21

Instrument :

MSVOA_X

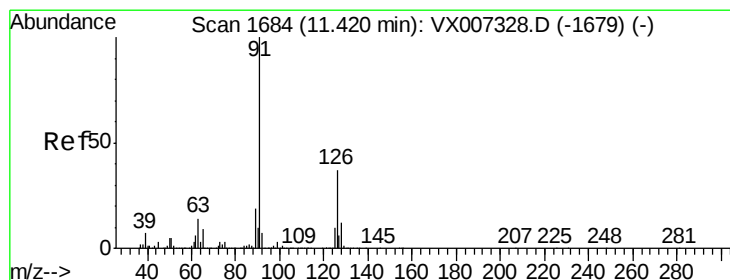
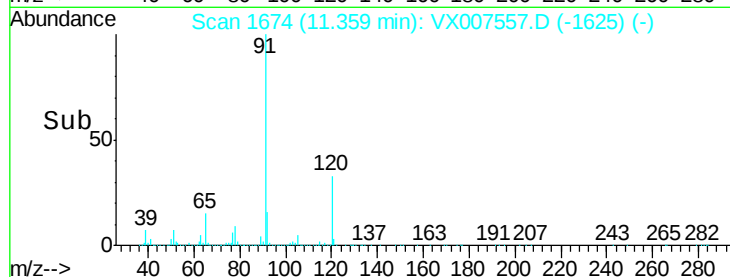
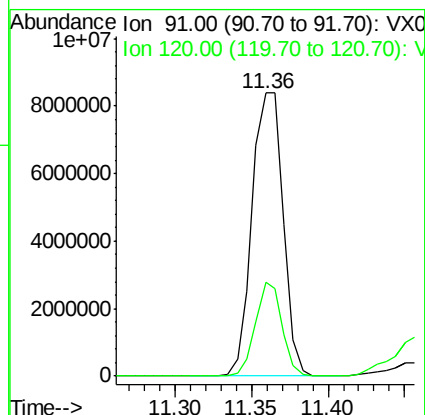
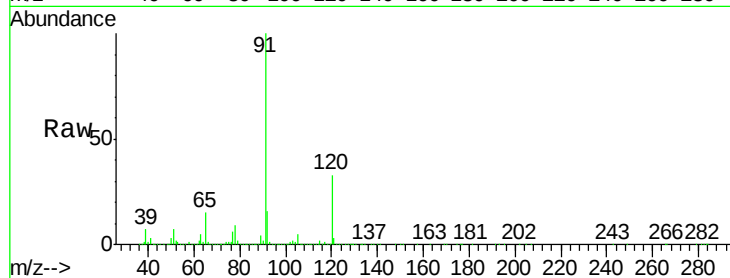
ClientSampleId :

Tot Ion: 91 Resp:11879712

Ion Ratio Lower Upper

91 100

120 28.3 12.4 37.2



#79

2-Chlorotoluene

Concen: 31.187 ug/l

RT: 11.46 min Scan# 1690

Delta R.T. 0.04 min

Lab File: VX007557.D

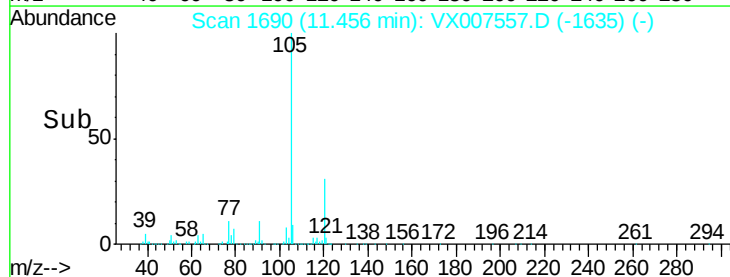
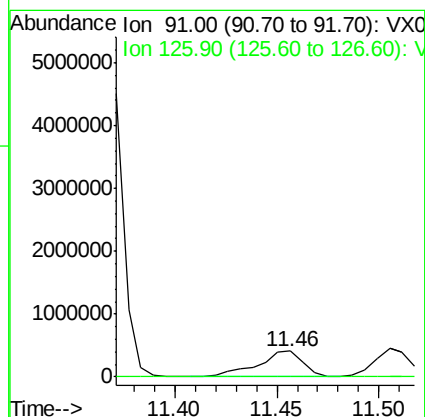
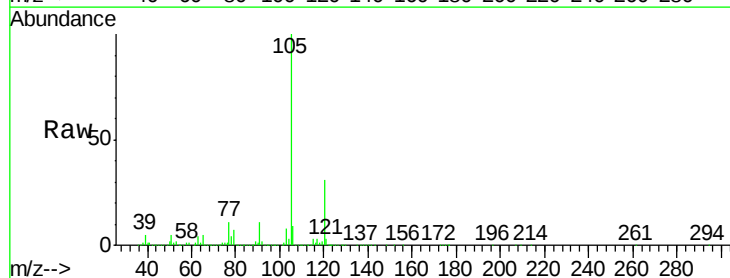
Acq: 14 Feb 2019 20:21

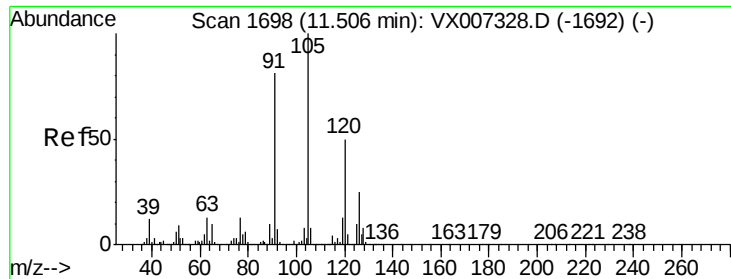
Tgt Ion: 91 Resp: 651211

Ion Ratio Lower Upper

91 100

126 0.0 18.7 56.1#





#80

1,3,5-Trimethylbenzene

Concen: 197.298 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007557.D

Acq: 14 Feb 2019 20:21

Instrument :

MSVOA_X

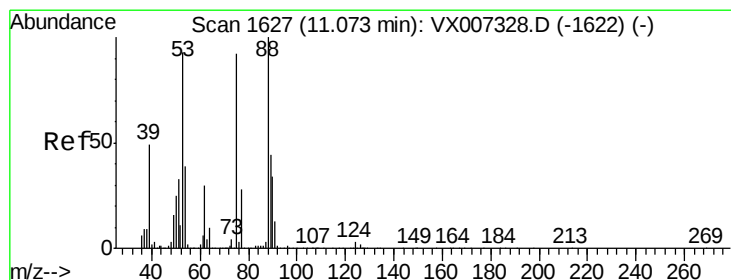
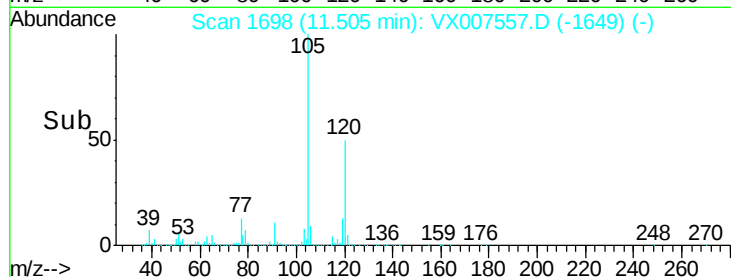
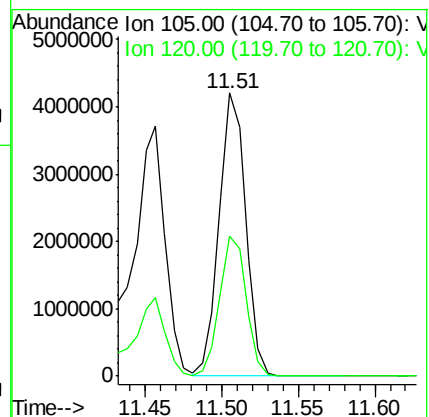
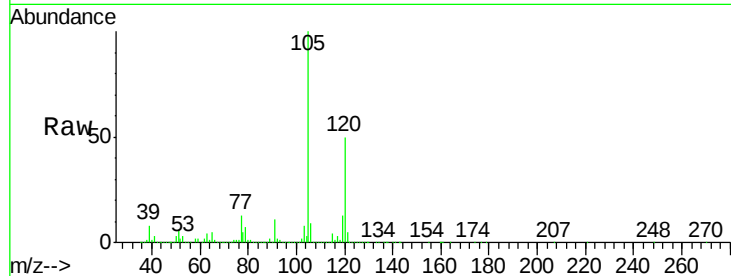
ClientSampleId :

Tot Ion:105 Resp: 5065539

Ion Ratio Lower Upper

105 100

120 49.7 25.3 75.8



#81

trans-1,4-Dichloro-2-butene

Concen: 42.497 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.05 min

Lab File: VX007557.D

Acq: 14 Feb 2019 20:21

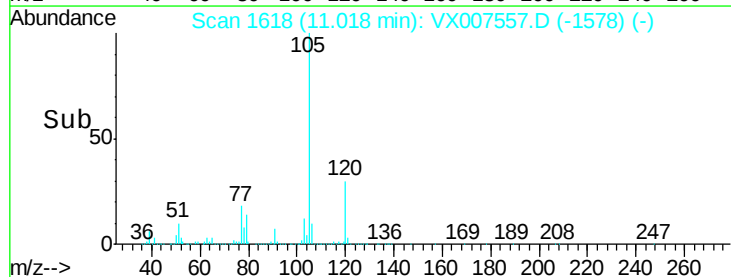
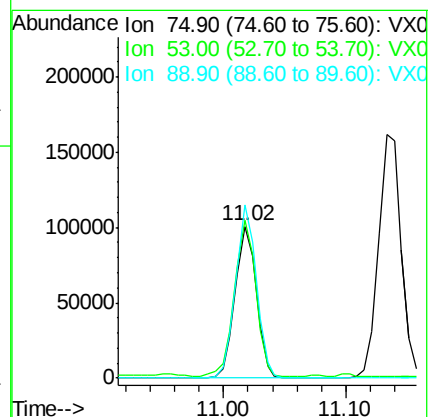
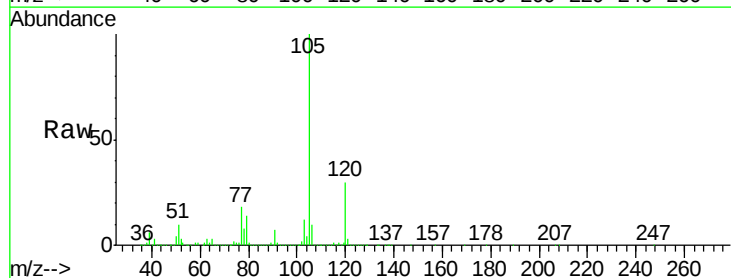
Tgt Ion: 75 Resp: 121489

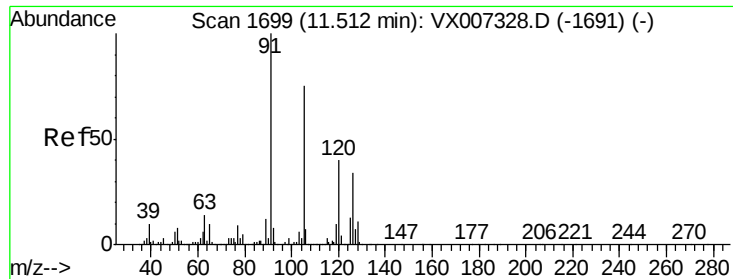
Ion Ratio Lower Upper

75 100

53 103.0 81.0 121.6

89 110.6 41.4 62.0#

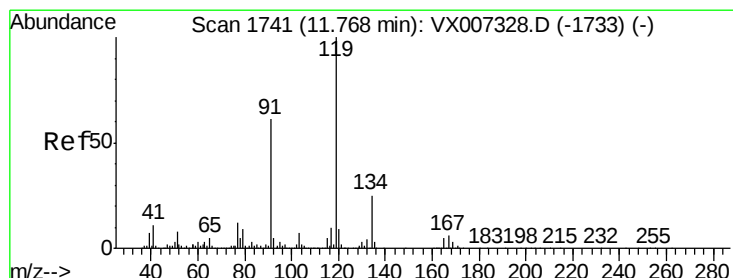
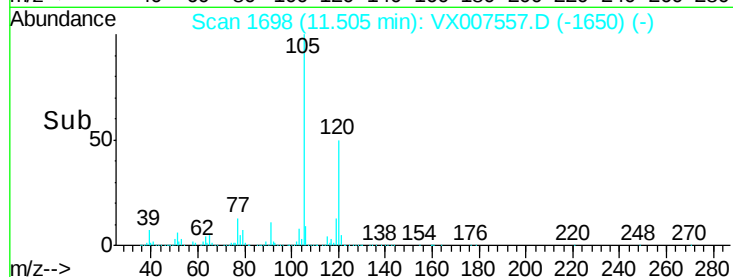
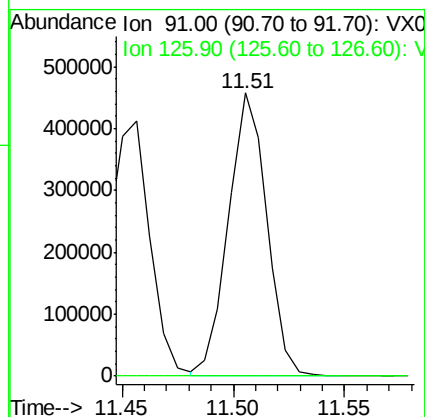
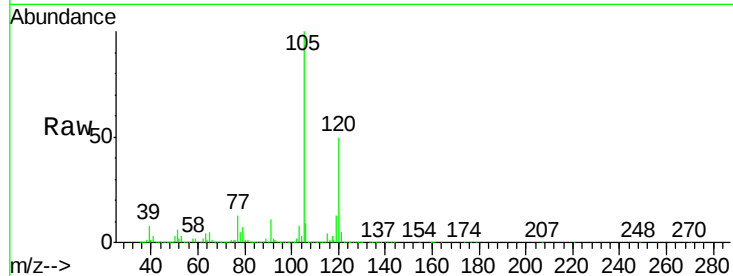




#82
4-Chlorotoluene
Concen: 22.599 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX007557.D
Acq: 14 Feb 2019 20:21

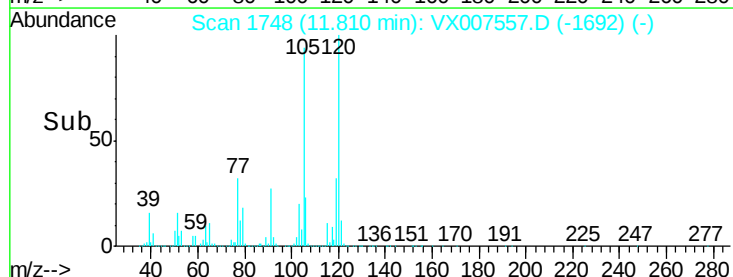
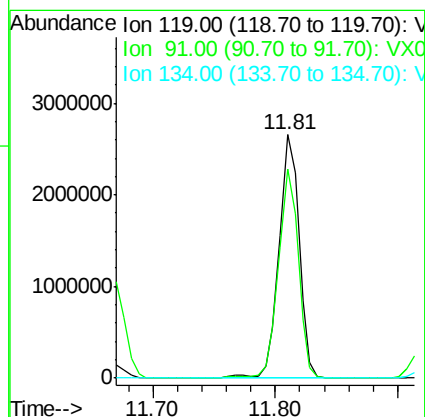
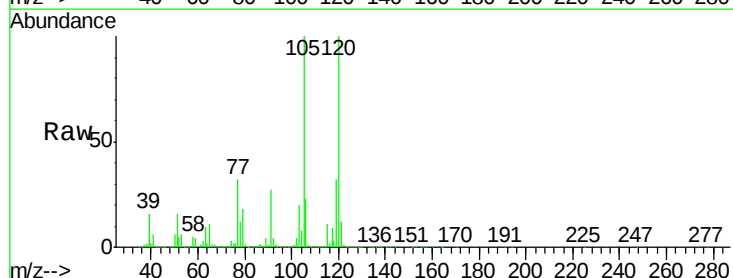
Instrument :
MSVOA_X
ClientSampled :

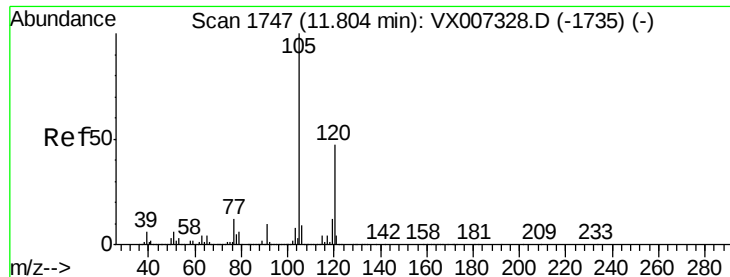
Tot Ion: 91 Resp: 546024
Ion Ratio Lower Upper
91 100
126 0.0 16.2 48.5#



#83
tert-Butylbenzene
Concen: 119.253 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. 0.04 min
Lab File: VX007557.D
Acq: 14 Feb 2019 20:21

Tgt Ion: 119 Resp: 3031336
Ion Ratio Lower Upper
119 100
91 84.9 28.5 85.6
134 0.0 12.0 36.0#



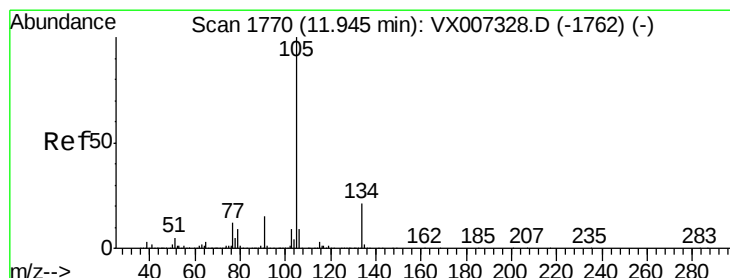
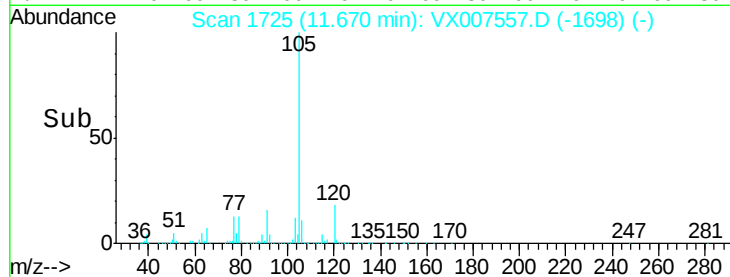
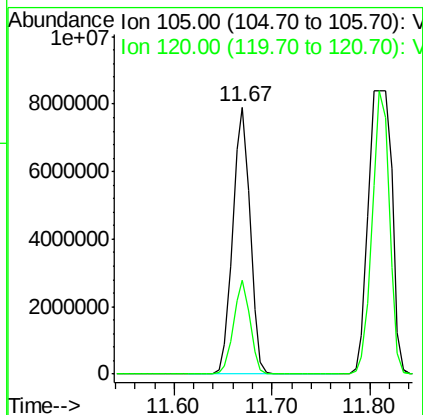
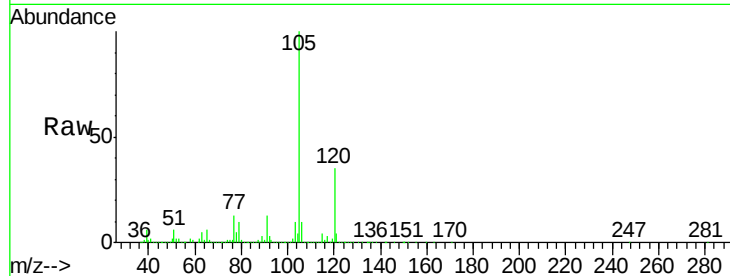


#84

1,2,4-Trimethylbenzene
Concen: 372.878 ug/l
RT: 11.67 min Scan# 1725
Delta R.T. -0.13 min
Lab File: VX007557.D
Acq: 14 Feb 2019 20:21

Instrument :
MSVOA_X
ClientSampleId :

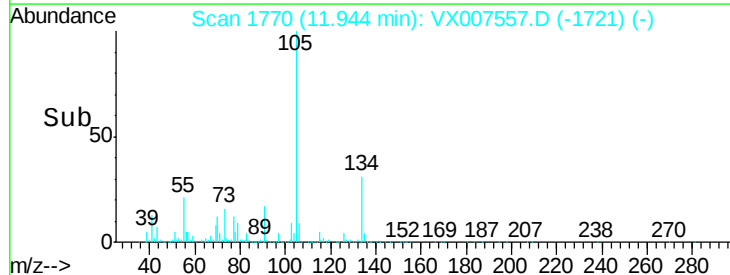
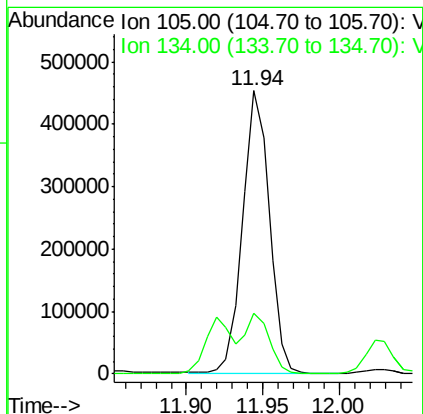
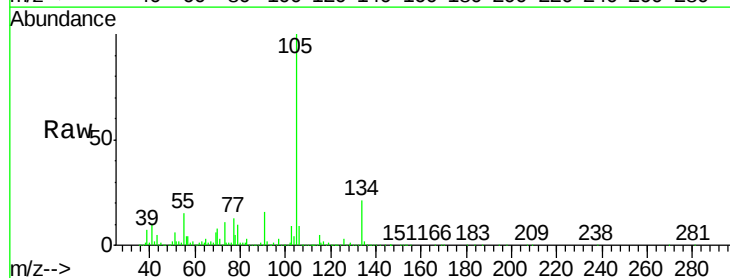
Tot Ion:105 Resp: 9719356
Ion Ratio Lower Upper
105 100
120 33.5 23.1 69.3

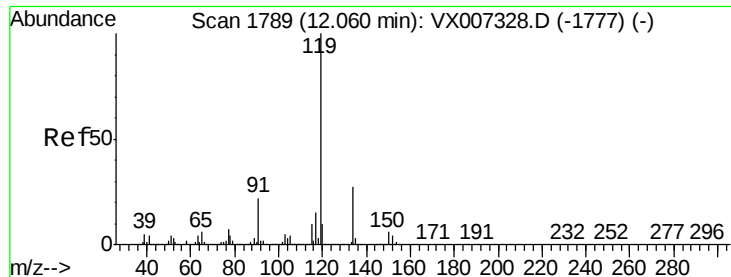


#85

sec-Butylbenzene
Concen: 17.861 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. -0.00 min
Lab File: VX007557.D
Acq: 14 Feb 2019 20:21

Tgt Ion:105 Resp: 549501
Ion Ratio Lower Upper
105 100
134 19.7 10.6 31.8

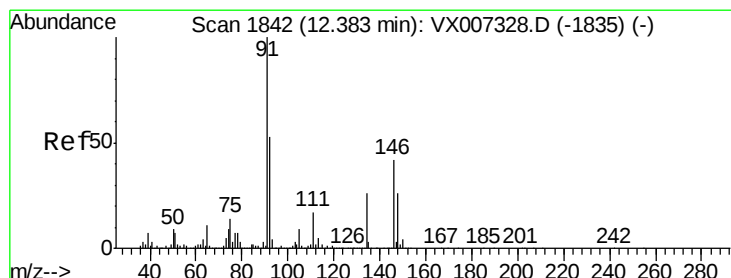
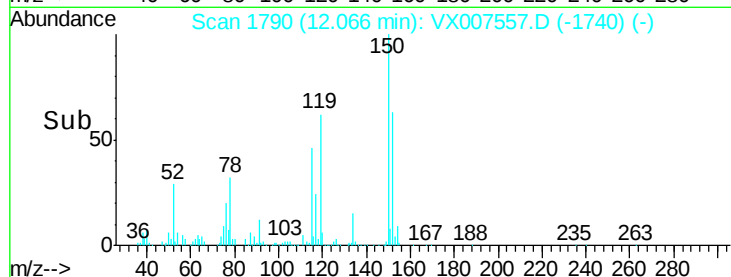
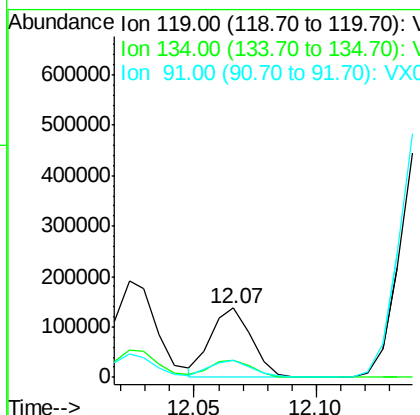
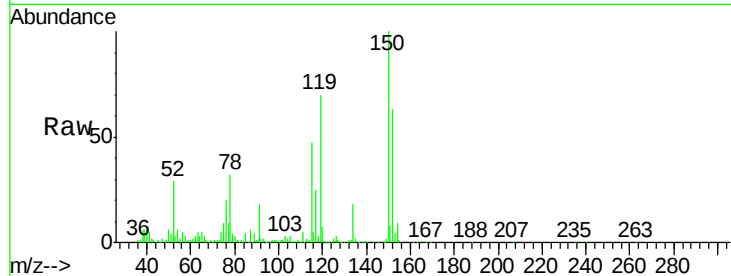




#86
p-Isopropyltoluene
Concen: 5.705 ug/l
RT: 12.07 min Scan# 1790
Delta R.T. 0.01 min
Lab File: VX007557.D
Acq: 14 Feb 2019 20:21

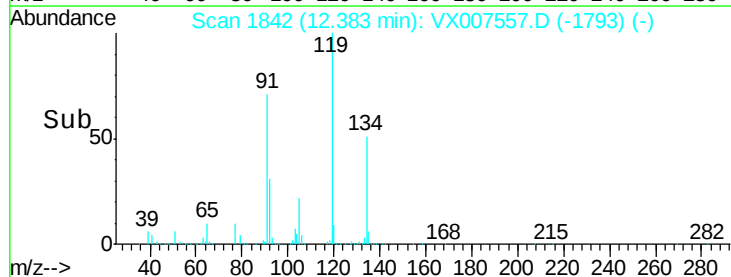
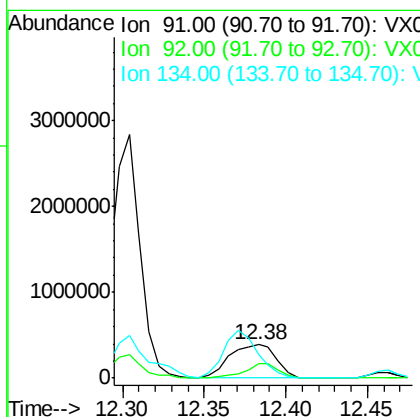
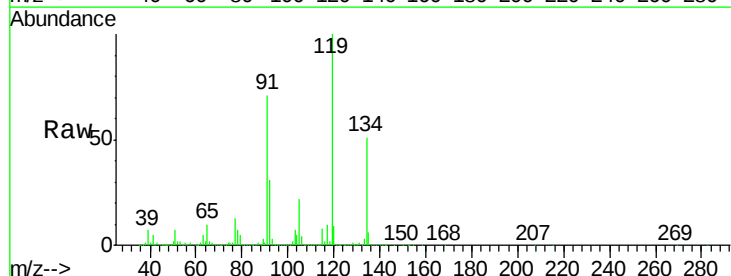
Instrument :
MSVOA_X
ClientSampleId :

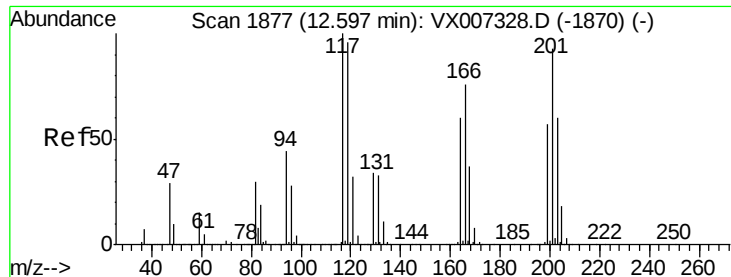
Tot Ion: 119 Resp: 158427
Ion Ratio Lower Upper
119 100
134 26.5 13.7 41.1
91 0.0 11.2 33.5#



#89
n-Butylbenzene
Concen: 32.334 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX007557.D
Acq: 14 Feb 2019 20:21

Tgt Ion: 91 Resp: 772491
Ion Ratio Lower Upper
91 100
92 32.5 26.3 78.9
134 106.2 13.9 41.6#





#90

Hexachloroethane

Concen: 105.820 ug/l

RT: 12.67 min Scan# 1889

Delta R.T. 0.07 min

Lab File: VX007557.D

Acq: 14 Feb 2019 20:21

Instrument :

MSVOA_X

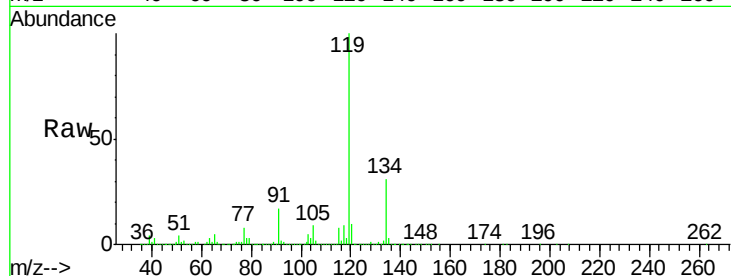
ClientSampled :

Tot Ion:117 Resp: 439832

Ion Ratio Lower Upper

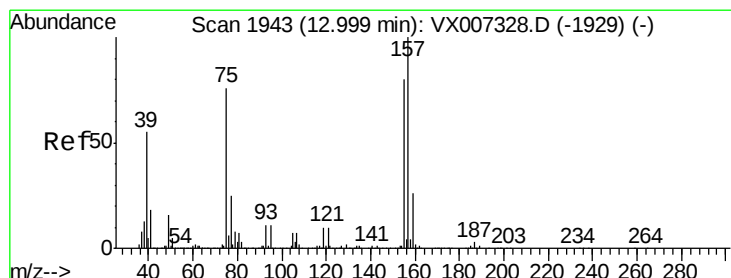
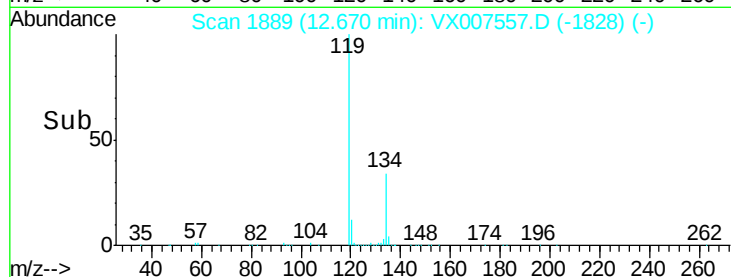
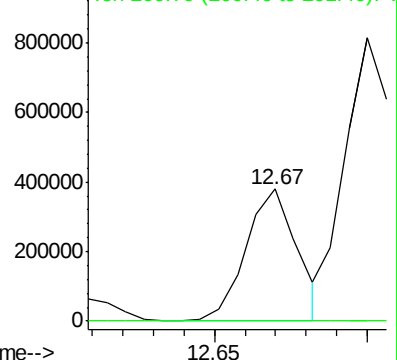
117 100

201 0.0 44.9 134.7#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 10.606 ug/l

RT: 12.97 min Scan# 1939

Delta R.T. -0.02 min

Lab File: VX007557.D

Acq: 14 Feb 2019 20:21

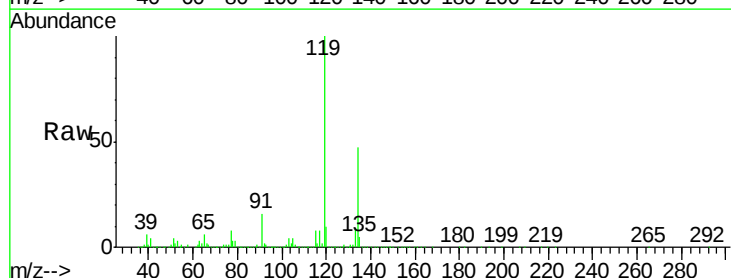
Tgt Ion: 75 Resp: 21091

Ion Ratio Lower Upper

75 100

155 0.9 49.6 149.0#

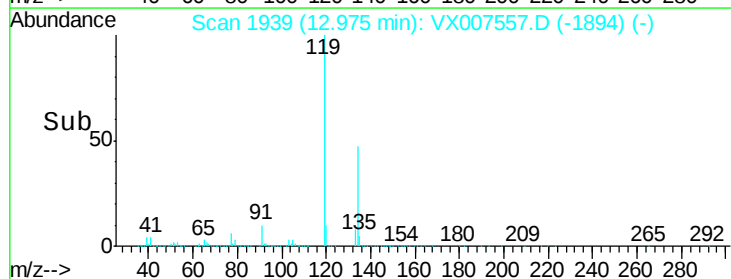
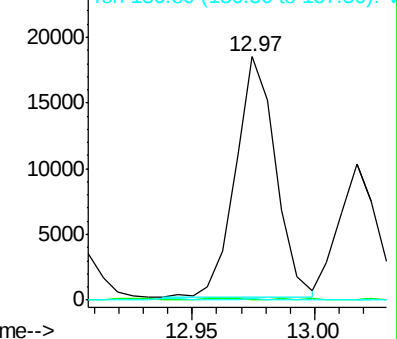
157 0.1 65.1 195.3#

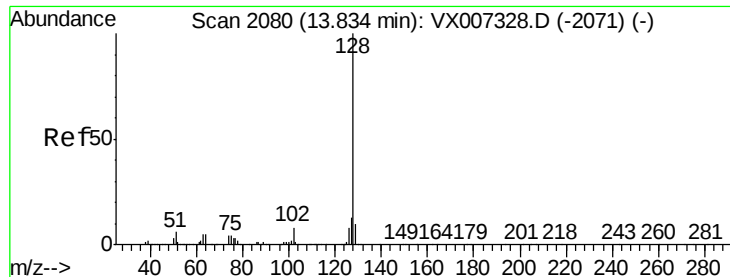


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

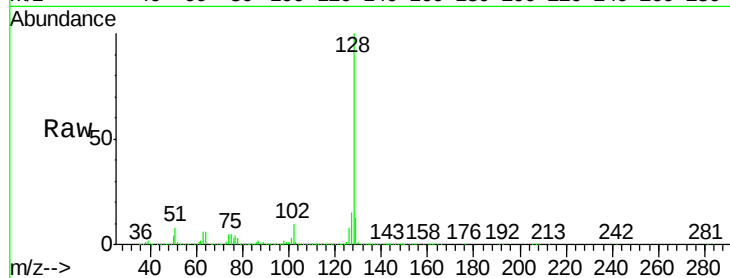




#95
Naphthalene
Concen: 338.375 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX007557.D
Acq: 14 Feb 2019 20:21

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp:10538567
Ion Ratio Lower Upper
128 100
127 14.0 10.5 15.7
129 12.1 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

